

# Union Calendar No. 521

115TH CONGRESS  
2D SESSION

# H. R. 5515

[Report No. 115–676]

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

APRIL 13, 2018

Mr. THORNBERRY (for himself and Mr. SMITH of Washington) (both by request) introduced the following bill; which was referred to the Committee on Armed Services

MAY 15, 2018

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in *italie*]

[For text of introduced bill, see copy of bill as introduced on April 13, 2018]

# **A BILL**

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

4        *This Act may be cited as the “ National Defense Au-*  
5 *thorization Act for Fiscal Year 2019”.*

8           (a) *DIVISIONS.*—*This Act is organized into four divi-*  
9   *sions as follows:*

(2) *Division B—Military Construction Author-*  
*izations.*

(3) *Division C—Department of Energy National Security Authorizations and Other Authorizations.*

16 (4) *Division D—Funding Tables.*

(b) TABLE OF CONTENTS.—The table of contents for this Act is as follows:

*Sec. 1. Short title.*

*Sec. 2. Organization of Act into divisions; table of contents.*

*Sec. 3. Congressional defense committees.*

## DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

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*Sec. 101. Authorization of appropriations.*

*Subtitle B—Army Programs*

*Sec. 111. National Guard and reserve component equipment report.*

*Sec. 112. Limitation on availability of funds for M27 Infantry Automatic Rifle program.*

*Subtitle C—Navy Programs*

- Sec. 121. Increase in number of operational aircraft carriers of the Navy.*  
*Sec. 122. Procurement authority for Ford class aircraft carrier program.*  
*Sec. 123. Full ship shock trial for Ford class aircraft carrier.*  
*Sec. 124. Multiyear procurement authority for amphibious vessels.*  
*Sec. 125. Multiyear procurement authority for standard missile–6.*  
*Sec. 126. Multiyear procurement authority for E–2D aircraft.*  
*Sec. 127. Multiyear procurement authority for F/A–18E/F aircraft and EA–18G aircraft.*  
*Sec. 128. Modifications to F/A–18 aircraft to mitigate physiological episodes.*  
*Sec. 129. Frigate class ship program.*  
*Sec. 130. Limitation on procurement of economic order quantities for Virginia class submarine program.*  
*Sec. 131. Limitation on use of funds for DDG–51 destroyers.*

*Subtitle D—Air Force Programs*

- Sec. 141. Inventory requirement for air refueling tanker aircraft; limitation on retirement of KC–10A aircraft.*  
*Sec. 142. Limitation on use of funds for KC–46A aircraft pending submittal of certification.*  
*Sec. 143. Retirement date for VC–25A aircraft.*  
*Sec. 144. Contract for logistics support for VC–25B aircraft.*  
*Sec. 145. Multiyear procurement authority for C–130J aircraft.*  
*Sec. 146. Removal of waiting period for limitation on availability of funds for EC–130H Compass Call recapitalization program.*  
*Sec. 147. Findings and sense of Congress regarding KC–46 aerial refueling tankers.*

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- Sec. 151. Buy-to-budget acquisition of F–35 aircraft.*  
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*Sec. 216. Limitation on availability of funds pending report on Agile Software Development and Software Operations.*  
*Sec. 217. Limitation on availability of funds for certain high energy laser advanced technology.*

*Sec. 218. Plan for elimination or transfer of the Strategic Capabilities Office of the Department of Defense.*

*Sec. 219. National Security Science And Technology Strategy.*

*Sec. 220. Modification of CVN-73 to support fielding of MQ-25 unmanned aerial vehicle.*

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*Sec. 221. Report on survivability of air defense artillery.*

*Sec. 222. Report on T-45 aircraft physiological episode mitigation actions.*

*Sec. 223. Report on efforts of the Air Force to mitigate physiological episodes affecting aircraft crewmembers.*

*Sec. 224. Briefing on use of quantum sciences for military applications and other purposes.*

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- Sec. 525. Modification of DD Form 214 to include email addresses.*
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- Sec. 532. Punitive article in the Uniform Code of Military Justice on domestic violence.*
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- Sec. 1278. Revision of statutory references to former NATO support organizations and related NATO agreements.*
- Sec. 1279. Sense of the Congress concerning military-to-military dialogues.*
- Sec. 1280. Modifications to Global Engagement Center.*
- Sec. 1281. Report on acquisition and cross-servicing agreements.*
- Sec. 1282. Prohibition on provision of weapons and other forms of support to certain organizations.*
- Sec. 1283. Certification and authority to terminate funding for academic research relating to foreign talent programs.*
- Sec. 1284. Sense of Congress on support for Georgia.*
- Sec. 1285. Sense of Congress on support for Estonia, Latvia, and Lithuania.*
- Sec. 1286. Report on United States strategy in Yemen.*
- Sec. 1287. Report on Hizballah.*

**TITLE XIII—COOPERATIVE THREAT REDUCTION**

- Sec. 1301. Funding allocations.*
- Sec. 1302. Specification of cooperative threat reduction funds.*

**TITLE XIV—OTHER AUTHORIZATIONS***Subtitle A—Military Programs*

- Sec. 1401. Working capital funds.*
- Sec. 1402. Chemical agents and munitions destruction, defense.*
- Sec. 1403. Drug interdiction and counter-drug activities, defense-wide.*
- Sec. 1404. Defense inspector general.*
- Sec. 1405. Defense health program.*
- Sec. 1406. National defense sealift fund.*

*Subtitle B—Other Matters*

- Sec. 1411. Authority for transfer of funds to joint Department of Defense-Department of Veterans Affairs medical facility demonstration fund for Captain James A. Lovell Health Care Center, Illinois.*
- Sec. 1412. Authorization of appropriations for Armed Forces Retirement Home.*
- Sec. 1413. Quarterly briefing on progress of chemical demilitarization program.*



*TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR  
OVERSEAS CONTINGENCY OPERATIONS*

*Subtitle A—Authorization of Appropriations*

- Sec. 1501. Purpose of certain authorizations of appropriations.*
- Sec. 1502. Procurement.*
- Sec. 1503. Research, development, test, and evaluation.*
- Sec. 1504. Operation and maintenance.*
- Sec. 1505. Military personnel.*
- Sec. 1506. Working capital funds.*
- Sec. 1507. Drug interdiction and counter-drug activities, defense-wide.*
- Sec. 1508. Defense inspector general.*
- Sec. 1509. Defense health program.*

*Subtitle B—Financial Matters*

- Sec. 1511. Treatment as additional authorizations.*
- Sec. 1512. Special transfer authority.*

*Subtitle C—Limitations, Reports, and Other Matters*

- Sec. 1521. Afghanistan Security Forces Fund.*
- Sec. 1522. Joint Improvised-Threat Defeat Fund.*

*TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE  
MATTERS*

*Subtitle A—Space Activities*

- Sec. 1601. Improvements to acquisition system, personnel, and organization of space forces.*
- Sec. 1602. Rapid, responsive, and reliable space launch.*
- Sec. 1603. Provision of space situational awareness services and information.*
- Sec. 1604. Budget assessments for national security space programs.*
- Sec. 1605. Enhancement of positioning, navigation, and timing capacity.*
- Sec. 1606. Use of small- and medium-size buses for strategic and tactical satellite payloads.*
- Sec. 1607. Designation of component of Department of Defense responsible for coordination of modernization efforts relating to military-code capable GPS receiver cards.*
- Sec. 1608. Designation of component of Department of Defense responsible for coordination of hosted payload information.*
- Sec. 1609. Limitation on availability of funds for Joint Space Operations Center mission system.*
- Sec. 1610. Evaluation and enhanced security of supply chain for protected satellite communications programs and overhead persistent infrared systems.*
- Sec. 1611. Report on protected satellite communications.*
- Sec. 1612. Plan on space warfighting readiness.*
- Sec. 1613. Study on space-based radio frequency mapping.*
- Sec. 1614. Plan to provide persistent weather imagery for United States Central Command.*

*Subtitle B—Defense Intelligence and Intelligence-Related Activities*

- Sec. 1621. Role of Under Secretary of Defense for Intelligence.*
- Sec. 1622. Security clearance for dual nationals.*

- Sec. 1623. Department of Defense Counterintelligence polygraph program.*
- Sec. 1624. Defense intelligence business management systems.*
- Sec. 1625. Modification to annual briefing on the intelligence, surveillance, and reconnaissance requirements of the combatant commands.*
- Sec. 1626. Prohibition on the availability of funds for Department of Defense assuming background investigation mission for the Federal Government.*

*Subtitle C—Cyberspace-Related Matters*

- Sec. 1631. Amendments to pilot program regarding cyber vulnerabilities of Department of Defense critical infrastructure.*
- Sec. 1632. Budget display for cyber vulnerability evaluations and mitigation activities for major weapon systems of the Department of Defense.*
- Sec. 1633. Transfer of responsibility for the Department of Defense Information Network to United States Cyber Command.*
- Sec. 1634. Pilot program authority to enhance cybersecurity and resiliency of critical infrastructure.*
- Sec. 1635. Pilot program on regional cyber security training center for the Army National Guard.*
- Sec. 1636. Procedures and reporting requirement on cybersecurity breaches and loss of personally identifiable information.*
- Sec. 1637. Cyber institutes at the senior military colleges.*
- Sec. 1638. Study and report on reserve component cyber civil support teams.*

*Subtitle D—Nuclear Forces*

- Sec. 1641. Under Secretary of Defense for Research and Engineering and the Nuclear Weapons Council.*
- Sec. 1642. Long-range standoff weapon requirements.*
- Sec. 1643. Acceleration of ground-based strategic deterrent program and long-range standoff weapon program.*
- Sec. 1644. Procurement authority for certain parts of intercontinental ballistic missile fuzes.*
- Sec. 1645. Prohibition on reduction of the intercontinental ballistic missiles of the United States.*
- Sec. 1646. Extension of prohibition on availability of funds for mobile variant of ground-based strategic deterrent missile.*
- Sec. 1647. Independent study on nuclear weapons launch-under-attack option.*
- Sec. 1648. Extension of annual report on the plan for the nuclear weapons stockpile, nuclear weapons complex, nuclear weapons delivery systems, and nuclear weapons command and control system.*
- Sec. 1649. Sense of Congress on nuclear posture of the United States.*
- Sec. 1650. Sense of Congress on extended nuclear deterrence in the Indo-Pacific region.*

*Subtitle E—Missile Defense Programs*

- Sec. 1661. Development of persistent space-based sensor architecture.*
- Sec. 1662. Boost phase ballistic missile defense.*
- Sec. 1663. Improvements to research and development and acquisition processes of Missile Defense Agency.*
- Sec. 1664. Layered defense of the United States homeland.*
- Sec. 1665. Testing of redesigned kill vehicle prior to production.*
- Sec. 1666. Requirements for ballistic missile defense capable ships.*

- Sec. 1667. Multiyear procurement authority for standard missile—3 block IB missiles.*
- Sec. 1668. Limitation on availability of funds for Army lower tier air and missile defense sensor.*
- Sec. 1669. Missile defense radar in Hawaii.*
- Sec. 1670. Reports on unfunded priorities of the Missile Defense Agency.*
- Sec. 1671. Report on ballistic missile defense.*
- Sec. 1672. Sense of Congress on missile and rocket defense cooperation between the United States and Israel.*

*Subtitle F—Other Matters*

- Sec. 1681. Extension of Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Similar Events.*
- Sec. 1682. Procurement of ammonium perchlorate and other chemicals for use in solid rocket motors.*
- Sec. 1683. Conventional prompt global strike hypersonic capabilities.*
- Sec. 1684. Report regarding industrial base for large solid rocket motors.*
- Sec. 1685. National intelligence estimate with respect to Russian and Chinese interference in democratic countries.*

*DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS*

- Sec. 2001. Short title.*
- Sec. 2002. Expiration of authorizations and amounts required to be specified by law.*
- Sec. 2003. Effective date.*

*TITLE XXI—ARMY MILITARY CONSTRUCTION*

- Sec. 2101. Authorized Army construction and land acquisition projects.*
- Sec. 2102. Family housing.*
- Sec. 2103. Authorization of appropriations, Army.*
- Sec. 2104. Extension of authorizations of certain fiscal year 2015 projects.*

*TITLE XXII—NAVY MILITARY CONSTRUCTION*

- Sec. 2201. Authorized Navy construction and land acquisition projects.*
- Sec. 2202. Family housing.*
- Sec. 2203. Improvements to military family housing units.*
- Sec. 2204. Authorization of appropriations, Navy.*

*TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION*

- Sec. 2301. Authorized Air Force construction and land acquisition projects.*
- Sec. 2302. Family housing.*
- Sec. 2303. Improvements to military family housing units.*
- Sec. 2304. Authorization of appropriations, Air Force.*
- Sec. 2305. Modification of authority to carry out certain phased project authorized in fiscal years 2015, 2016, and 2017.*
- Sec. 2306. Modification of authority to carry out certain fiscal year 2017 project.*
- Sec. 2307. Modification of authority to carry out certain fiscal year 2018 project.*
- Sec. 2308. Additional authority to carry out certain fiscal year 2019 projects.*
- Sec. 2309. Additional authority to carry out project at Travis Air Force Base, California, in fiscal year 2019.*

*TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION*

- Sec. 2401. Authorized defense agencies construction and land acquisition projects.*  
*Sec. 2402. Authorized energy conservation projects.*  
*Sec. 2403. Authorization of appropriations, defense agencies.*  
*Sec. 2404. Extension of authorizations of certain fiscal year 2015 projects.*

*TITLE XXV—INTERNATIONAL PROGRAMS*

*Subtitle A—North Atlantic Treaty Organization Security Investment Program*

- Sec. 2501. Authorized NATO construction and land acquisition projects.*  
*Sec. 2502. Authorization of appropriations, NATO.*

*Subtitle B—Host Country In-Kind Contributions*

- Sec. 2511. Republic of Korea funded construction projects.*

*TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES*

*Subtitle A—Project Authorizations and Authorization of Appropriations*

- Sec. 2601. Authorized Army National Guard construction and land acquisition projects.*  
*Sec. 2602. Authorized Army Reserve construction and land acquisition projects.*  
*Sec. 2603. Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects.*  
*Sec. 2604. Authorized Air National Guard construction and land acquisition projects.*  
*Sec. 2605. Authorized Air Force Reserve construction and land acquisition projects.*  
*Sec. 2606. Authorization of appropriations, National Guard and Reserve.*

*Subtitle B—Other Matters*

- Sec. 2611. Modification of authority to carry out certain fiscal year 2016 project.*  
*Sec. 2612. Modification of authority to carry out certain fiscal year 2018 project.*  
*Sec. 2613. Additional authority to carry out certain fiscal year 2019 project.*

*TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES*

- Sec. 2701. Authorization of appropriations for base realignment and closure activities funded through Department of Defense Base Closure Account.*  
*Sec. 2702. Additional authority to realign or close certain military installations.*  
*Sec. 2703. Prohibition on conducting additional Base Realignment and Closure (BRAC) round.*

*TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS*

*Subtitle A—Military Construction Program and Military Family Housing*

- Sec. 2801. Commercial construction standards for facilities on leased property.*  
*Sec. 2802. Extension of temporary, limited authority to use operation and maintenance funds for construction projects outside the United States.*  
*Sec. 2803. Small business set-aside for contracts for architectural and engineering services and construction design.*  
*Sec. 2804. Authority to obtain architectural and engineering services and construction design for defense laboratory modernization program.*

- Sec. 2805. Repeal of limitation on certain Guam project.*
- Sec. 2806. Enhancing force protection and safety on military installations.*
- Sec. 2807. Limitation on use of funds for acquisition of furnished energy for new medical center in Germany.*
- Sec. 2808. Treatment of leases of non-excess property entered into with insured depository institutions.*

*Subtitle B—Real Property and Facilities Administration*

- Sec. 2811. Optional participation in collection of information on unutilized and underutilized military installation properties available for homeless assistance.*
- Sec. 2812. Force structure plans and infrastructure capabilities necessary to support the force structure.*
- Sec. 2813. Retrofitting existing windows in military family housing units to be equipped with fall prevention devices.*
- Sec. 2814. Updating prohibition on use of certain assessment of public schools on Department of Defense installations to supersede funding of certain projects.*

*Subtitle C—Land Conveyances*

- Sec. 2821. Authority for transfer of administrative jurisdiction over certain lands, Marine Corps Air Ground Combat Center Twentynine Palms, California, and Marine Corps Air Station Yuma, Arizona.*
- Sec. 2822. Public inventory of Guam land parcels for transfer to Government of Guam.*
- Sec. 2823. Land conveyance, Naval Academy dairy farm, Gambrills, Maryland.*
- Sec. 2824. Technical correction of description of Limestone Hills Training Area Land Withdrawal and Reservation, Montana.*
- Sec. 2825. Land conveyance, Wasatch-Cache National Forest, Rich County, Utah.*

*Subtitle D—Military Land Withdrawals*

- Sec. 2831. Indefinite duration of certain military land withdrawals and reservations and improved management of withdrawn and reserved lands.*
- Sec. 2832. Designation of potential wilderness area.*

*Subtitle E—Other Matters*

- Sec. 2841. Defense community infrastructure program.*
- Sec. 2842. Restrictions on use of funds for development of public infrastructure in Commonwealth of Northern Mariana Islands.*
- Sec. 2843. Study and report on Coleman Bridge, York River, Virginia.*
- Sec. 2844. Certifications required prior to transfer of certain veterans memorial object.*

**TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY  
CONSTRUCTION**

- Sec. 2901. Authorized Army construction and land acquisition projects.*
- Sec. 2902. Authorized Navy construction and land acquisition projects.*
- Sec. 2903. Authorized Air Force construction and land acquisition projects.*
- Sec. 2904. Authorized defense agencies construction and land acquisition projects.*
- Sec. 2905. Authorization of appropriations.*

*Sec. 2906. Restrictions on use of funds for planning and design costs of European Deterrence Initiative projects.*

*DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY  
AUTHORIZATIONS AND OTHER AUTHORIZATIONS*

*TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY  
PROGRAMS*

*Subtitle A—National Security Programs and Authorizations*

*Sec. 3101. National Nuclear Security Administration.*

*Sec. 3102. Defense environmental cleanup.*

*Sec. 3103. Other defense activities.*

*Sec. 3104. Nuclear energy.*

*Subtitle B—Program Authorizations, Restrictions, and Limitations*

*Sec. 3111. Security clearance for dual nationals employed by National Nuclear Security Agency.*

*Sec. 3112. Department of Energy counterintelligence polygraph program.*

*Sec. 3113. Extension of enhanced procurement authority to manage supply chain risk.*

*Sec. 3114. Low-yield nuclear weapons.*

*Sec. 3115. Use of funds for construction and project support activities relating to MOX facility.*

*Sec. 3116. Prohibition on availability of funds for programs in Russian Federation.*

*Sec. 3117. Prohibition on availability of funds for research and development of advanced naval nuclear fuel system based on low-enriched uranium.*

*Sec. 3118. Limitation on availability of funds relating to submission of annual reports on unfunded priorities.*

*Subtitle C—Reports*

*Sec. 3121. Notification regarding release of contamination at Hanford site.*

*Subtitle D—Other Matters*

*Sec. 3131. Inclusion of capital assets acquisition projects in activities by Director for Cost Estimating and Program Evaluation.*

*Sec. 3132. Whistleblower protections.*

*TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD*

*Sec. 3201. Authorization.*

*TITLE XXXIV—NAVAL PETROLEUM RESERVES*

*Sec. 3401. Authorization of appropriations.*

*TITLE XXXV—MARITIME MATTERS*

*Subtitle A—Maritime Administration*

*Sec. 3501. Authorization of the Maritime Administration.*

*Sec. 3502. Compliance by Ready Reserve Fleet vessels with SOLAS lifeboats and fire suppression requirements.*

- Sec. 3503. Maritime Administration National Security Multi-Mission Vessel Program.*
- Sec. 3504. Permanent authority of Secretary of Transportation to issue vessel war risk insurance.*
- Sec. 3505. Use of State maritime academy training vessels.*

*Subtitle B—Coast Guard*

- Sec. 3521. Alignment with Department of Defense and sea services authorities.*
- Sec. 3522. Preliminary development and demonstration.*
- Sec. 3523. Contract termination.*
- Sec. 3524. Reimbursement for travel expenses.*
- Sec. 3525. Capital investment plan.*
- Sec. 3526. Major acquisition program risk assessment.*
- Sec. 3527. Marine safety implementation status.*
- Sec. 3528. Retirement of Vice Commandant.*
- Sec. 3529. Large commercial yacht code.*

*Subtitle C—Coast Guard and Shipping Technical Corrections*

*CHAPTER 1—COAST GUARD*

- Sec. 3531. Commandant defined.*
- Sec. 3532. Training course on workings of Congress.*
- Sec. 3533. Miscellaneous.*
- Sec. 3534. Department of Defense consultation.*
- Sec. 3535. Repeal.*
- Sec. 3536. Mission need statement.*
- Sec. 3537. Continuation on active duty.*
- Sec. 3538. System acquisition authorization.*
- Sec. 3539. Inventory of real property.*

*CHAPTER 2—MARITIME TRANSPORTATION*

- Sec. 3541. Definitions.*
- Sec. 3542. Authority to exempt vessels.*
- Sec. 3543. Passenger vessels.*
- Sec. 3544. Tank vessels.*
- Sec. 3545. Grounds for denial or revocation.*
- Sec. 3546. Miscellaneous corrections to title 46, U.S.C.*
- Sec. 3547. Miscellaneous corrections to Oil Pollution Act of 1990.*
- Sec. 3548. Miscellaneous corrections.*

*DIVISION D—FUNDING TABLES*

- Sec. 4001. Authorization of amounts in funding tables.*

*TITLE XLI—PROCUREMENT*

- Sec. 4101. Procurement.*
- Sec. 4102. Procurement for overseas contingency operations.*

*TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION*

- Sec. 4201. Research, development, test, and evaluation.*
- Sec. 4202. Research, development, test, and evaluation for overseas contingency operations.*

*TITLE XLIII—OPERATION AND MAINTENANCE*

*Sec. 4301. Operation and maintenance.*

*Sec. 4302. Operation and maintenance for overseas contingency operations.*

*TITLE XLIV—MILITARY PERSONNEL*

*Sec. 4401. Military personnel.*

*Sec. 4402. Military personnel for overseas contingency operations.*

*TITLE XLV—OTHER AUTHORIZATIONS*

*Sec. 4501. Other authorizations.*

*Sec. 4502. Other authorizations for overseas contingency operations.*

*TITLE XLVI—MILITARY CONSTRUCTION*

*Sec. 4601. Military construction.*

*Sec. 4602. Military construction for overseas contingency operations.*

*TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS*

*Sec. 4701. Department of Energy national security programs.*

**1 SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.**

2       *In this Act, the term “congressional defense commit-*  
 3 *tees” has the meaning given that term in section 101(a)(16)*  
 4 *of title 10, United States Code.*

5       ***DIVISION A—DEPARTMENT OF***  
 6       ***DEFENSE AUTHORIZATIONS***

7       ***TITLE I—PROCUREMENT***

8       ***Subtitle A—Authorization Of***  
 9       ***Appropriations***

10      ***SEC. 101. AUTHORIZATION OF APPROPRIATIONS.***

11       *Funds are hereby authorized to be appropriated for fis-*  
 12 *cal year 2019 for procurement for the Army, the Navy and*  
 13 *the Marine Corps, the Air Force, and Defense-wide activi-*  
 14 *ties, as specified in the funding table in section 4101.*



1           ***Subtitle B—Army Programs***

2   ***SEC. 111. NATIONAL GUARD AND RESERVE COMPONENT***  
3           ***EQUIPMENT REPORT.***

4           (a) *IN GENERAL.*—Section 10541(b) of title 10, United  
5   *States Code, is amended by adding at the end the following*  
6   *new paragraph:*

7           “(10) *A joint assessment by the Chief of Staff of*  
8           *the Army and the Chief of the National Guard Bu-*  
9           *reau on the efforts of the Army to achieve parity*  
10          *among the active component, the Army Reserve, and*  
11          *the Army National Guard with respect to equipment*  
12          *and capabilities. Each assessment shall include a*  
13          *comparison of the inventory of high priority items of*  
14          *equipment available to each component of the Army*  
15          *described in preceding sentence, including—*

16                  “(A) *AH–64 Attack Helicopters;*

17                  “(B) *UH–60 Black Hawk Utility Heli-*  
18                  *copters;*

19                  “(C) *Abrams Main Battle Tanks;*

20                  “(D) *Bradley Infantry Fighting Vehicles;*

21                  “(E) *Stryker Combat Vehicles; and*

22                  “(F) *any other items of equipment identi-*  
23                  *fied as high priority by the Chief of Staff of the*  
24                  *Army or the Chief of the National Guard Bu-*  
25                  *reau.”.*

1       (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
 2 *section (a) shall apply with respect to reports required to*  
 3 *be submitted under section 10541 of title 10, United States*  
 4 *Code, after the date of the enactment of this Act.*

5       **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR M27**  
 6                               **INFANTRY AUTOMATIC RIFLE PROGRAM.**

7       (a) *LIMITATION.*—*Of the funds authorized to be appro-*  
 8 *priated by this Act or otherwise made available for fiscal*  
 9 *year 2019 for the M27 Infantry Automatic Rifle program*  
 10 *of the Marine Corps, not more than 80 percent may be obli-*  
 11 *gated or expended until the date on which the Commandant*  
 12 *of the Marine Corps submits to the Committees on Armed*  
 13 *Services of the Senate and the House of Representatives the*  
 14 *assessment described in subsection (b).*

15       (b) *ASSESSMENT.*—*The assessment described in this*  
 16 *subsection is a written summary of the views of the Marine*  
 17 *Corps with respect to the Small Arms Ammunition Con-*  
 18 *figuration Study of the Army, including—*

19               (1) *an explanation of how the study informs the*  
 20 *future small arms modernization requirements of the*  
 21 *Marine Corps; and*

22               (2) *near-term and long-term modernization*  
 23 *strategies for the small arms weapon systems of the*  
 24 *Marine Corps, including associated funding and*  
 25 *schedule profiles.*

## **Subtitle C—Navy Programs**

### **SEC. 121. INCREASE IN NUMBER OF OPERATIONAL AIR- CRAFT CARRIERS OF THE NAVY.**

*(a) FINDINGS.—Congress finds the following:*

*(1) The aircraft carrier can fulfill the Navy's core missions of forward presence, sea control, ensuring safe sea lanes, and power projection as well as providing flexibility and versatility to execute a wide range of additional missions.*

*(2) Forward airpower is integral to the security and joint forces operations of the United States. Carriers play a central role in delivering forward airpower from sovereign territory of the United States in both permissive and nonpermissive environments.*

*(3) Aircraft carriers provide our Nation the ability to rapidly and decisively respond to national threats, as well as conducting worldwide, on-station diplomacy and providing deterrence against threats to the United States allies, partners, and friends.*

*(4) Since the end of the cold war, aircraft carrier deployments have increased while the aircraft carrier force structure has declined.*

*(5) Considering the increased array of complex threats across the globe, the Navy aircraft carrier is operating at maximum capacity, increasing deploy-*

1        *ment lengths and decreasing maintenance periods in*  
2        *order to meet operational requirements.*

3            *(6) To meet global peacetime and wartime re-*  
4        *quirements, the Navy has indicated a requirement to*  
5        *maintain two aircraft carriers deployed overseas and*  
6        *have three additional aircraft carriers capable of de-*  
7        *ploying within 90 days. However, the Navy has indi-*  
8        *cated that the existing aircraft carrier force structure*  
9        *cannot support these military requirements.*

10           *(7) Despite the requirement to maintain an air-*  
11        *craft carrier strike group in both the United States*  
12        *Central Command and the United States Pacific*  
13        *Command, the Navy has been unable to generate suf-*  
14        *ficient capacity to support combatant commanders*  
15        *and has developed significant carrier gaps in these*  
16        *critical areas.*

17           *(8) Because of the continuing use of a dimin-*  
18        *ished aircraft carrier force structure, extensive main-*  
19        *tenance availabilities result which typically exceed*  
20        *program costs and increase time in shipyards. These*  
21        *expansive maintenance availabilities exacerbate exist-*  
22        *ing carrier gaps.*

23           *(9) Developing an alternative design to the Ford-*  
24        *class aircraft carrier is not cost beneficial. A smaller*  
25        *design is projected to incur significant design and en-*

1 *gineering cost while significantly reducing magazine*  
 2 *size, carrier air wing size, sortie rate, and on-station*  
 3 *effectiveness, among other vital factors, as compared*  
 4 *to the Ford-class. Furthermore, a new design will*  
 5 *delay the introduction of future aircraft carriers, ex-*  
 6 *acerbating existing carrier gaps and threatening the*  
 7 *national security of the United States.*

8 *(10) The 2016 Navy Force Structure Assessment*  
 9 *states “A minimum of 12 aircraft carriers are re-*  
 10 *quired to meet the increased warfighting response re-*  
 11 *quirements of the Defense Planning Guidance Defeat/*  
 12 *Deny force sizing direction.”.*

13 *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
 14 *that—*

15 *(1) the United States should expedite delivery of*  
 16 *12 aircraft carriers; and*

17 *(2) an aircraft carrier should be authorized every*  
 18 *three years.*

19 *(c) INCREASE IN NUMBER OF OPERATIONAL AIRCRAFT*  
 20 *CARRIERS OF THE NAVY.—*

21 *(1) INCREASE.—Section 5062(b) of title 10,*  
 22 *United States Code, is amended by striking “11 oper-*  
 23 *ational aircraft carriers” and inserting “12 oper-*  
 24 *ational aircraft carriers”.*

1           (2) *EFFECTIVE DATE.*—*The amendment made by*  
 2       *paragraph (1) shall take effect on September 30,*  
 3       *2022.*

4   **SEC. 122. PROCUREMENT AUTHORITY FOR FORD CLASS AIR-**  
 5       **CRAFT CARRIER PROGRAM.**

6       (a) *CONTRACT AUTHORITY.*—

7           (1) *PROCUREMENT AUTHORIZED.*—*The Sec-*  
 8       *retary of the Navy may enter into one or more con-*  
 9       *tracts, beginning with the fiscal year 2019 program*  
 10      *year, for the procurement of one Ford class aircraft*  
 11      *carrier to be designated CVN–81.*

12          (2) *PROCUREMENT IN CONJUNCTION WITH CVN–*  
 13      *80.*—*The aircraft carrier authorized to be procured*  
 14      *under subsection (a) may be procured as an addition*  
 15      *to the contract covering the Ford class aircraft carrier*  
 16      *designated CVN–80 that is authorized to be con-*  
 17      *structed under section 121 of the John Warner Na-*  
 18      *tional Defense Authorization Act for Fiscal Year 2007*  
 19      *(Public Law 109–364; 120 Stat. 2104).*

20       (b) *USE OF INCREMENTAL FUNDING.*—*With respect to*  
 21      *a contract entered into under subsection (a), the Secretary*  
 22      *of the Navy may use incremental funding to make pay-*  
 23      *ments under the contract.*

24       (c) *LIABILITY.*—*A contract entered into under sub-*  
 25      *section (a) shall provide that the total liability to the Gov-*

ernment for termination of the contract entered into shall be limited to the total amount of funding obligated at the time of termination.

(d) *CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.*—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year is subject to the availability of appropriations for that purpose for such fiscal year.

**SEC. 123. FULL SHIP SHOCK TRIAL FOR FORD CLASS AIRCRAFT CARRIER.**

The Secretary of the Navy shall ensure that full ship shock trials results are incorporated into the construction of the Ford class aircraft carrier designated CVN–81.

**SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR AMPHIBIOUS VESSELS.**

(a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—Subject to section 2306b of title 10, United States Code, the Secretary of the Navy may enter into one or more multiyear contracts for the procurement of not more than five amphibious vessels.

(b) *LIMITATION.*—The Secretary of the Navy may not modify a contract entered into under subsection (a) if the modification would increase the target price of an amphibious vessel by more than 10 percent above the target price

1 *specified in the original contract awarded for the amphib-*  
 2 *ious vessel under subsection (a).*

3 *(c) AUTHORITY FOR ADVANCE PROCUREMENT.—The*  
 4 *Secretary of the Navy may enter into one or more contracts*  
 5 *for advance procurement associated with the amphibious*  
 6 *vessels for which authorization to enter into a multiyear*  
 7 *procurement contract is provided under subsection (a) and*  
 8 *for equipment or subsystems associated with the amphibious*  
 9 *vessels, including procurement of—*

10 *(1) long lead time material; or*

11 *(2) material or equipment in economic order*  
 12 *quantities when cost savings are achievable.*

13 *(d) CONDITION FOR OUT-YEAR CONTRACT PAY-*  
 14 *MENTS.—A contract entered into under subsection (a) shall*  
 15 *provide that any obligation of the United States to make*  
 16 *a payment under the contract for a fiscal year after fiscal*  
 17 *year 2019 is subject to the availability of appropriations*  
 18 *or funds for that purpose for such later fiscal year.*

19 *(e) LIMITATION ON TERMINATION LIABILITY.—A con-*  
 20 *tract for the construction of amphibious vessels entered into*  
 21 *under subsection (a) shall include a clause that limits the*  
 22 *liability of the United States to the contractor for any ter-*  
 23 *mination of the contract. The maximum liability of the*  
 24 *United States under the clause shall be the amount appro-*



1 *priated for the amphibious vessels covered by the contract*  
 2 *regardless of the amount obligated under the contract.*

3 (f) *AMPHIBIOUS VESSEL DEFINED.*—*The term “am-*  
 4 *phibious vessel” means a San Antonio class amphibious*  
 5 *transport dock ship with a Flight II configuration.*

6 **SEC. 125. MULTIYEAR PROCUREMENT AUTHORITY FOR**  
 7 **STANDARD MISSILE-6.**

8 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
 9 *Subject to section 2306b of title 10, United States Code, the*  
 10 *Secretary of the Navy may enter into one or more multiyear*  
 11 *contracts, beginning with the fiscal year 2019 program*  
 12 *year, for the procurement of up to 625 standard missile–*  
 13 *6 missiles at a rate of not more than 125 missiles per year*  
 14 *during the covered period.*

15 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
 16 *MENTS.*—*A contract entered into under subsection (a) shall*  
 17 *provide that any obligation of the United States to make*  
 18 *a payment under the contract for a fiscal year after fiscal*  
 19 *year 2019 is subject to the availability of appropriations*  
 20 *or funds for that purpose for such later fiscal year.*

21 (c) *COVERED PERIOD DEFINED.*—*In this section, the*  
 22 *term “covered period” means the 5-year period beginning*  
 23 *with the fiscal year 2019 program year and ending with*  
 24 *the fiscal year 2023 program year.*

1 **SEC. 126. MULTIYEAR PROCUREMENT AUTHORITY FOR E-2D**  
 2 **AIRCRAFT.**

3 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.—*  
 4 *Subject to section 2306b of title 10, United States Code, the*  
 5 *Secretary of the Navy may enter into one or more multiyear*  
 6 *contracts, beginning with the fiscal year 2019 program*  
 7 *year, for the procurement of up to 24 E-2D aircraft.*

8 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
 9 *MENTS.—A contract entered into under subsection (a) shall*  
 10 *provide that any obligation of the United States to make*  
 11 *a payment under the contract for a fiscal year after fiscal*  
 12 *year 2019 is subject to the availability of appropriations*  
 13 *for that purpose for such later fiscal year.*

14 **SEC. 127. MULTIYEAR PROCUREMENT AUTHORITY FOR F/A-**  
 15 **18E/F AIRCRAFT AND EA-18G AIRCRAFT.**

16 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.—*  
 17 *Subject to section 2306b of title 10, United States Code, the*  
 18 *Secretary of the Navy may enter into one or more multiyear*  
 19 *contracts, beginning with the fiscal year 2019 program*  
 20 *year, for the procurement of the following:*

21 (1) *F/A-18E/F aircraft.*

22 (2) *EA-18G aircraft.*

23 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
 24 *MENTS.—A contract entered into under subsection (a) shall*  
 25 *provide that any obligation of the United States to make*  
 26 *a payment under the contract for a fiscal year after fiscal*

1 *year 2019 is subject to the availability of appropriations*  
 2 *or funds for that purpose for such later fiscal year.*

3 *(c) AUTHORITY FOR ADVANCE PROCUREMENT AND*  
 4 *ECONOMIC ORDER QUANTITY.—The Secretary of the Navy*  
 5 *may enter into one or more contracts, beginning in fiscal*  
 6 *year 2019, for advance procurement associated with the air-*  
 7 *craft for which authorization to enter into a multiyear pro-*  
 8 *curement contract is provided under subsection (a), which*  
 9 *may include one or more contracts for the procurement of*  
 10 *economic order quantities of material and equipment for*  
 11 *such aircraft.*

12 **SEC. 128. MODIFICATIONS TO F/A-18 AIRCRAFT TO MITI-**  
 13 **GATE PHYSIOLOGICAL EPISODES.**

14 *(a) MODIFICATIONS REQUIRED.—The Secretary of the*  
 15 *Navy shall modify the F/A-18 aircraft to reduce the occur-*  
 16 *rence of, and mitigate the risk posed by, physiological epi-*  
 17 *sodes affecting crewmembers of the aircraft. The modifica-*  
 18 *tions shall include, at minimum—*

- 19 *(1) replacement of the F/A-18 cockpit altimeter;*  
 20 *(2) upgrade of the F/A-18 onboard oxygen gen-*  
 21 *eration system;*  
 22 *(3) redesign of the F/A-18 aircraft life support*  
 23 *systems required to meet onboard oxygen generation*  
 24 *system input specifications;*

1           (4) *installation of equipment associated with im-*  
 2           *proved F/A–18 physiological monitoring and alert*  
 3           *systems; and*

4           (5) *installation of an automatic ground collision*  
 5           *avoidance system.*

6           (b) *REPORT REQUIRED.*—*Not later than February 1,*  
 7           *2019, and annually thereafter through February 1, 2021,*  
 8           *the Secretary of the Navy shall submit to the congressional*  
 9           *defense committees a written update on the status of all*  
 10          *modifications to the F/A–18 aircraft carried out by the Sec-*  
 11          *retary pursuant to subsection (a).*

12          (c) *WAIVER.*—*The Secretary of the Navy may waive*  
 13          *the requirement to make a modification under subsection*  
 14          *(a) if the Secretary certifies to the congressional defense*  
 15          *committees that the specific modification is inadvisable and*  
 16          *provides a detailed justification for excluding the modifica-*  
 17          *tion from the Navy’s planned upgrades for the F/A–18 air-*  
 18          *craft.*

19   **SEC. 129. FRIGATE CLASS SHIP PROGRAM.**

20          (a) *TECHNICAL DATA.*—

21               (1) *REQUIREMENT.*—*As part of the solicitation*  
 22               *for proposals for the procurement of any frigate class*  
 23               *ship, the Secretary of the Navy shall require that an*  
 24               *offeror submit a proposal that provides for conveying*  
 25               *technical data as part of the proposal for the frigate.*

1           (2) *RIGHTS OF THE UNITED STATES.*—*The Sec-*  
2           *retary of the Navy shall ensure that the Government’s*  
3           *rights in technical data for any frigate class ship are*  
4           *sufficient to allow the Government to—*

5                     *(A) by not later than the date on which*  
6                     *funds are obligated for the last covered frigate,*  
7                     *use the technical data to conduct a full and open*  
8                     *competition (pursuant to section 2304 of title 10,*  
9                     *United States Code) for any subsequent procure-*  
10                    *ment of a frigate class ship; and*

11                    *(B) transition the frigate class ship combat*  
12                    *systems to Government-furnished equipment to*  
13                    *achieve open architecture and foster competition*  
14                    *to modernize future systems.*

15       (b) *DEFINITIONS.*—*In this section:*

16                    (1) *The term “covered frigate” means each of the*  
17                    *first 10 frigate class ships procured after January 1,*  
18                    *2020.*

19                    (2) *The term “technical data” means a compila-*  
20                    *tion of detailed engineering plans and specifications*  
21                    *for the construction of a frigate class ship.*

1 **SEC. 130. LIMITATION ON PROCUREMENT OF ECONOMIC**  
 2 **ORDER QUANTITIES FOR VIRGINIA CLASS**  
 3 **SUBMARINE PROGRAM.**

4 *Section 124 of the National Defense Authorization Act*  
 5 *for Fiscal Year 2018 (Public Law 115–91) is amended—*

6 *(1) in subsection (c)(2), by striking “material”*  
 7 *and inserting “subject to subsection (d), material”;*

8 *(2) by redesignating subsection (d) through (f) as*  
 9 *subsections (e) through (g), respectively; and*

10 *(3) by inserting after subsection (c), the fol-*  
 11 *lowing:*

12 *“(d) LIMITATION ON PROCUREMENT OF ECONOMIC*  
 13 *ORDER QUANTITIES.—The Secretary of the Navy may not*  
 14 *enter into contracts for economic order quantities under*  
 15 *subsection (c)(2) until the date on which the Secretary cer-*  
 16 *tifies to the congressional defense committees that any funds*  
 17 *made available for such contracts will be used to procure*  
 18 *economic order quantities of material and equipment for*  
 19 *not fewer than 12 Virginia class submarines.”.*

20 **SEC. 131. LIMITATION ON USE OF FUNDS FOR DDG–51 DE-**  
 21 **STROYERS.**

22 *None of the funds authorized to be appropriated or oth-*  
 23 *erwise made available by this Act for fiscal year 2019 for*  
 24 *Shipbuilding and Conversion, Navy, for DDG–51 class de-*  
 25 *stroyers may be obligated or expended until the Secretary*

1 *of the Navy submits to the congressional defense committees*  
 2 *a report that includes—*

3           (1) *a detailed description of the current*  
 4 *degaussing standards;*

5           (2) *a plan for incorporating such standards into*  
 6 *the destroyer construction program; and*

7           (3) *an assessment of the requirement to backfit*  
 8 *such standards in service destroyers.*

## 9       ***Subtitle D—Air Force Programs***

### 10 ***SEC. 141. INVENTORY REQUIREMENT FOR AIR REFUELING***

#### 11                   ***TANKER AIRCRAFT; LIMITATION ON RETIRE-***

#### 12                   ***MENT OF KC-10A AIRCRAFT.***

13       (a) *INVENTORY REQUIREMENT.*—Section 8062 of title  
 14 10, United States Code, is amended by adding at the end  
 15 the following new subsection:

16       “(j)(1) *Except as provided in paragraph (2), effective*  
 17 *October 1, 2019, the Secretary of the Air Force shall main-*  
 18 *tain a total primary assigned aircraft inventory of air re-*  
 19 *fueling tanker aircraft of not less than 479 aircraft.*

20       “(2) *The Secretary of the Air Force may reduce the*  
 21 *number of air refueling tanker aircraft in the primary as-*  
 22 *signed aircraft inventory of the Air Force below 479 only*  
 23 *if—*

24           “(A) *the Secretary certifies to the congressional*  
 25 *defense committees that such reduction is justified by*

1 *the results of the mobility capability and require-*  
2 *ments study conducted under section 144(b) of the*  
3 *National Defense Authorization Act for Fiscal Year*  
4 *2018 (Public Law 115–91); and*

5 “(B) *a period of 30 days has elapsed following*  
6 *the date on which the certification is made to the con-*  
7 *gressional defense committees under subparagraph*  
8 *(A).*

9 “(3) *In this subsection:*

10 “(A) *The term ‘air refueling tanker aircraft’*  
11 *means an aircraft that has as its primary mission*  
12 *the refueling of other aircraft.*

13 “(B) *The term ‘primary assigned aircraft inven-*  
14 *tory’ means aircraft authorized to a flying unit for*  
15 *operations or training.’.*

16 *(b) LIMITATION ON RETIREMENT OF KC–10A.—*

17 *(1) IN GENERAL.—None of the funds authorized*  
18 *to be appropriated by this Act or otherwise made*  
19 *available for any fiscal year for the Air Force may*  
20 *be obligated or expended to retire, or to prepare to re-*  
21 *tire, any KC–10A aircraft until the date that is 30*  
22 *days after the date on which the Secretary of the Air*  
23 *Force certifies to the congressional defense committees*  
24 *that Secretary has met the minimum inventory re-*



1        *quirement under section 8062(j) of title 10, United*  
 2        *States Code, as added by subsection (a) of this section.*

3            (2) *EXCEPTION FOR CERTAIN AIRCRAFT.—The*  
 4        *requirement of paragraph (1) does not apply to indi-*  
 5        *vidual KC–10A aircraft that the Secretary of the Air*  
 6        *Force determines, on a case-by-case basis, to be non-*  
 7        *operational because of mishaps, other damage, or*  
 8        *being uneconomical to repair.*

9        **SEC. 142. LIMITATION ON USE OF FUNDS FOR KC-46A AIR-**  
 10                **CRAFT PENDING SUBMITTAL OF CERTIFI-**  
 11                **CATION.**

12        (a) *CERTIFICATION REQUIRED.—The Secretary of the*  
 13        *Air Force shall submit to the congressional defense commit-*  
 14        *tees certification that, as of the date of the certification—*

15            (1) *the supplemental type certification and the*  
 16        *military type certification for the KC-46A aircraft*  
 17        *have been approved; and*

18            (2) *the Air Force has accepted the delivery of the*  
 19        *first KC-46A aircraft.*

20        (b) *LIMITATION ON USE OF FUNDS.—None of the funds*  
 21        *authorized to be appropriated or otherwise made available*  
 22        *by this Act for fiscal year 2019 for Aircraft Procurement,*  
 23        *Air Force, may be obligated or expended for three KC-46A*  
 24        *aircraft until the Secretary of the Air Force submits the*  
 25        *certification required under subsection (a).*

1 **SEC. 143. RETIREMENT DATE FOR VC-25A AIRCRAFT.**

2       (a) *IN GENERAL.*—*For purposes of the application of*  
3 *section 2244a of title 10, United States Code, the retirement*  
4 *date of the covered aircraft is deemed to be not later than*  
5 *December 31, 2025.*

6       (b) *COVERED AIRCRAFT DEFINED.*—*In this section,*  
7 *the term “covered aircraft” means the two VC-25A aircraft*  
8 *of the Air Force that are in service as of the date of the*  
9 *enactment of this Act.*

10 **SEC. 144. CONTRACT FOR LOGISTICS SUPPORT FOR VC-25B**  
11 **AIRCRAFT.**

12       *The Secretary of the Air Force shall—*

13               (1) *ensure that the total period of any contract*  
14 *awarded for logistics support for the VC-25B aircraft*  
15 *does not exceed five years, as required under part*  
16 *17.204(e) of the Federal Acquisition Regulation, un-*  
17 *less otherwise approved in accordance with established*  
18 *procedures; and*

19               (2) *comply with section 2304 of title 10, United*  
20 *States Code, regarding full and open competition*  
21 *through the use of competitive procedures for the*  
22 *award of any logistics support contract following the*  
23 *initial five-year contract period.*

1 **SEC. 145. MULTIYEAR PROCUREMENT AUTHORITY FOR C-**  
 2 **130J AIRCRAFT.**

3 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
 4 *Subject to section 2306b of title 10, United States Code, the*  
 5 *Secretary of the Air Force may enter into one or more*  
 6 *multiyear contracts, beginning with the fiscal year 2019*  
 7 *program year, for the procurement of up to 52 C-130J air-*  
 8 *craft.*

9 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
 10 *MENTS.*—*A contract entered into under subsection (a) shall*  
 11 *provide that any obligation of the United States to make*  
 12 *a payment under the contract for a fiscal year after fiscal*  
 13 *year 2019 is subject to the availability of appropriations*  
 14 *for that purpose for such later fiscal year.*

15 **SEC. 146. REMOVAL OF WAITING PERIOD FOR LIMITATION**  
 16 **ON AVAILABILITY OF FUNDS FOR EC-130H**  
 17 **COMPASS CALL RECAPITALIZATION PRO-**  
 18 **GRAM.**

19 *Section 135(a) of the National Defense Authorization*  
 20 *Act for Fiscal Year 2018 (Public Law 115–91) is amended*  
 21 *by striking “a period of 30 days has elapsed following”.*

22 **SEC. 147. FINDINGS AND SENSE OF CONGRESS REGARDING**  
 23 **KC-46 AERIAL REFUELING TANKERS.**

24 (a) *FINDINGS.*—*Congress makes the following findings:*  
 25 (1) *Aerial refueling tankers provide an essential*  
 26 *foundation for our nation’s ability to project power*

1        *and deter adversaries, enabling the global reach of our*  
2        *joint force.*

3            (2) *87 percent of the legacy aerial refueling fleet*  
4        *is comprised of KC-135 aircraft with an average age*  
5        *of 56 years.*

6            (3) *The Commander of United States Transpor-*  
7        *tation Command has identified the aerial refueling*  
8        *fleet as the “most stressed of our air mobility forces”*  
9        *and stated that “delaying KC-46 production puts the*  
10       *Joint Force’s ability to effectively execute war plans*  
11       *at risk”.*

12           (4) *As directed by the National Defense Author-*  
13       *ization Act for Fiscal Year 2018 (Public Law 115–*  
14       *91), the Air Force is undertaking an updated mobil-*  
15       *ity capability and requirements study that will reflect*  
16       *guidance articulated in the 2018 National Defense*  
17       *Strategy and reassess the current tanker requirement*  
18       *of 479 aircraft.*

19           (5) *The fixed-price contract for KC-46A calls for*  
20       *179 aircraft to be delivered by 2028.*

21           (6) *The KC-46 is a multirole platform that will*  
22       *bring enhanced capabilities to both the aerial refuel-*  
23       *ing and strategic airlift missions. The aircraft pro-*  
24       *vides the ability to refuel joint and coalition aircraft*  
25       *by both boom and drogue systems in the same sortie;*

1     *improved cargo, passenger and aeromedical evacu-*  
2     *ation capabilities; and enhanced survivability with*  
3     *multiple layers of protection enabling it to operate*  
4     *safely in a broader range of threat environments than*  
5     *legacy tankers.*

6             *(7) The Government Accountability Office has*  
7     *stated: “The KC-46 program’s total acquisition cost*  
8     *estimate remained stable over the past year at*  
9     *\$44,400,000,000, which is about \$7,300,000,000 less*  
10    *than the original estimate.”*

11            *(8) The Commander of Air Mobility Command*  
12    *has stated that the KC-46 “will bring tremendous ca-*  
13    *pability to our joint warfighter”.*

14            *(9) The Assistant Secretary of the Air Force for*  
15    *Acquisition has stated: “Stability of requirements and*  
16    *funding are the keys to KC-46 program success and*  
17    *will enable the Air Force to deliver this new tanker*  
18    *ready for employment on day one.”*

19            *(10) The Military Deputy to the Assistant Sec-*  
20    *retary of the Air Force for Acquisition has identified*  
21    *the KC-46 as the Air Force’s second highest combat*  
22    *aviation acquisition priority “for the role that it*  
23    *plays in being able to power project”.*

24            *(11) With the support of Congress, the Air Force*  
25    *has executed three low rate initial production con-*

1        *tracts for a total of 34 aircraft. In fiscal year 2018,*  
2        *Congress provided funding for a fourth production lot*  
3        *totaling 18 aircraft.*

4            *(12) A steady production rate of 1.3 aircraft per*  
5        *month has been maintained through independent in-*  
6        *vestment by industry in order to expedite deliveries to*  
7        *the Air Force upon completion of developmental test-*  
8        *ing and certification.*

9        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
10       *that—*

11            *(1) the Air Force and industry should dedicate*  
12        *the resources and manpower necessary to ensure the*  
13        *first KC-46 is delivered in fiscal year 2018;*

14            *(2) the Air Force should maximize efficiency in*  
15        *the test and certification process to ensure that—*

16                    *(A) test points are not redundant;*

17                    *(B) test plans are approved expeditiously;*

18                    *(C) receiver aircraft are available to sup-*  
19        *port test flights; and*

20                    *(D) Air Force inputs necessary for Federal*  
21        *Aviation Administration and military air-*  
22        *worthiness certifications are expedited; and*

23            *(3) the Assistant Secretary of the Air Force for*  
24        *Acquisition and the Director of the Defense Contract*  
25        *Management Agency should develop and implement a*

1        *plan enabling the Air Force to accept and field KC-*  
 2        *46 aircraft at a rate higher than three aircraft per*  
 3        *month after the delivery of the first aircraft.*

4        ***Subtitle E—Defense-wide, Joint,***  
 5        ***and Multiservice Matters***

6        ***SEC. 151. BUY-TO-BUDGET ACQUISITION OF F-35 AIRCRAFT.***

7        *Subject to section 2308 of title 10, United States Code,*  
 8        *using funds authorized to be appropriated by this Act for*  
 9        *the procurement of F-35 aircraft, the Secretary of Defense*  
 10       *may procure a quantity of F-35 aircraft in excess of the*  
 11       *quantity authorized by this Act if such additional procure-*  
 12       *ment does not require additional funds to be authorized to*  
 13       *be appropriated because of production efficiencies or other*  
 14       *cost reductions.*

15       ***SEC. 152. CERTIFICATION ON INCLUSION OF TECHNOLOGY***  
 16                                ***TO MINIMIZE PHYSIOLOGICAL EPISODES IN***  
 17                                ***CERTAIN AIRCRAFT.***

18        *(a) CERTIFICATION REQUIRED.—Not later than 15*  
 19        *days before entering into a contract for the procurement of*  
 20        *a covered aircraft, the Secretary concerned shall submit to*  
 21        *the congressional defense committees a written statement*  
 22        *certifying that the aircraft to be procured under the con-*  
 23        *tract will include the most recent technological advance-*  
 24        *ments necessary to minimize the impact of physiological*  
 25        *episodes on aircraft crewmembers.*

1       (b) *WAIVER.*—*The Secretary concerned may waive the*  
2 *requirement of subsection (a) if the Secretary—*

3           (1) *determines the waiver is required in the in-*  
4 *terest of national security; and*

5           (2) *not later than 15 days before entering into*  
6 *a contract for the procurement of a covered aircraft,*  
7 *notifies the congressional defense committees of the ra-*  
8 *tionale for the waiver.*

9       (c) *TERMINATION.*—*The requirement to submit a cer-*  
10 *tification under subsection (a) shall terminate on Sep-*  
11 *tember 30, 2021.*

12       (d) *DEFINITIONS.*—*In this section:*

13           (1) *The term “covered aircraft” means a fighter*  
14 *aircraft, an attack aircraft, or a fixed wing trainer*  
15 *aircraft.*

16           (2) *The term “Secretary concerned” means—*

17               (A) *the Secretary of the Navy, with respect*  
18 *to covered aircraft of Navy; and*

19               (B) *the Secretary of the Air Force, with re-*  
20 *spect to covered aircraft of the Air Force.*



1 ***TITLE II—RESEARCH, DEVELOP-***  
2 ***MENT, TEST, AND EVALUA-***  
3 ***TION***

4 ***Subtitle A—Authorization Of***  
5 ***Appropriations***

6 ***SEC. 201. AUTHORIZATION OF APPROPRIATIONS.***

7 *Funds are hereby authorized to be appropriated for fis-*  
8 *cal year 2019 for the use of the Department of Defense for*  
9 *research, development, test, and evaluation, as specified in*  
10 *the funding table in section 4201.*

11 ***Subtitle B—Program Requirements,***  
12 ***Restrictions, and Limitations***

13 ***SEC. 211. MODIFICATION OF AUTHORITY TO CARRY OUT***  
14 ***CERTAIN PROTOTYPE PROJECTS.***

15 *Section 2371b(f) of title 10, United States Code, is*  
16 *amended by adding at the end the following new para-*  
17 *graphs:*

18 *“(4) Contracts or transactions entered into pursuant*  
19 *to this subsection that are expected to cost the Department*  
20 *of Defense in excess of \$100,000,000 but not in excess of*  
21 *\$500,000,000 (including all options) may be awarded only*  
22 *upon written determination by the senior procurement exec-*  
23 *utive for the agency as designated for the purpose of section*  
24 *1702(c) of title 41, or, by the senior procurement executive*  
25 *for the Defense Advanced Research Projects Agency that*

1 *award of the contract or transaction is essential to meet*  
 2 *critical national security interests.*

3 “(5) *Contracts and transactions entered into pursuant*  
 4 *to this subsection that are expected to cost the Department*  
 5 *of Defense in excess of \$500,000,000 (including all options)*  
 6 *may be awarded only if—*

7 “(A) *the Under Secretary of Defense for Acquisi-*  
 8 *tion and Sustainment determines in writing that*  
 9 *award of the contract or transaction is essential to*  
 10 *meet critical national security objectives; and*

11 “(B) *the congressional defense committees are no-*  
 12 *tified in writing not later than 30 days before award*  
 13 *of the contract or transaction.”.*

14 **SEC. 212. EXTENSION OF DIRECTED ENERGY PROTOTYPE**  
 15 **AUTHORITY.**

16 *Section 219(c)(4) of the National Defense Authoriza-*  
 17 *tion Act for Fiscal Year 2017 (Public Law 114–328; 10*  
 18 *U.S.C. 2431 note) is amended—*

19 (1) *in subparagraph (A), by striking “Except as*  
 20 *provided in subparagraph (B)” and inserting “Ex-*  
 21 *cept as provided in subparagraph (C)”;*

22 (2) *by redesignating subparagraph (B) as sub-*  
 23 *paragraph (C);*

24 (3) *by inserting after subparagraph (A) the fol-*  
 25 *lowing:*

1           “(B) *Except as provided in subparagraph (C)*  
 2           *and subject to the availability of appropriations for*  
 3           *such purpose, of the funds authorized to be appro-*  
 4           *priated by the National Defense Authorization Act for*  
 5           *Fiscal Year 2019 or otherwise made available for fis-*  
 6           *cal year 2019 for research, development, test, and*  
 7           *evaluation, defense-wide, up to \$100,000,000 may be*  
 8           *available to the Under Secretary to allocate to the*  
 9           *military departments, the defense agencies, and the*  
 10          *combatant commands to carry out the program estab-*  
 11          *lished under paragraph (1).”;* and

12           (4) *in subparagraph (C), as so redesignated, by*  
 13          *striking “made available under subparagraph (A)”*  
 14          *and inserting “made available under subparagraph*  
 15          *(A) or subparagraph (B)”.*

16 **SEC. 213. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
 17                               **THE WEATHER COMMON COMPONENT PRO-**  
 18                               **GRAM.**

19          (a) *PROHIBITION.*—None of the funds authorized to be  
 20          *appropriated by this Act or otherwise made available for*  
 21          *fiscal year 2019 for research, development, test, and evalua-*  
 22          *tion, Air Force, for weather service (PE 0305111F, Project*  
 23          *672738) for product development, test and evaluation, and*  
 24          *management services associated with the Weather Common*  
 25          *Component program may be obligated or expended.*

1       **(b) REPORT REQUIRED.**—

2               **(1) IN GENERAL.**—*The Secretary of the Air force*  
3       *shall submit to the congressional defense committees a*  
4       *report on technologies and capabilities that—*

5               **(A)** *provide real-time or near real-time me-*  
6       *teorological situational awareness data through*  
7       *the use of sensors installed on manned and un-*  
8       *manned aircraft; and*

9               **(B)** *were developed primarily using funds of*  
10       *the Department of Defense.*

11              **(2) ELEMENTS.**—*The report under paragraph*  
12       *(1) shall include—*

13              **(A)** *a description of all technologies and ca-*  
14       *pabilities described in paragraph (1) that exist*  
15       *as of the date on which the report is submitted;*

16              **(B)** *a description of any testing activities*  
17       *that have been completed for such technologies*  
18       *and capabilities, and the results of those testing*  
19       *activities;*

20              **(C)** *the total amount of funds used by the*  
21       *Department of Defense for the development of*  
22       *such technologies and capabilities;*

23              **(D)** *a list of capability gaps or shortfalls in*  
24       *any major commands of the Air Force relating*  
25       *to the gathering, processing, exploitation, and*

1        *dissemination of real-time or near real-time me-*  
 2        *teorological situational awareness data for un-*  
 3        *manned systems;*

4                *(E) an explanation of how such gaps or*  
 5        *shortfalls may be remedied to supplement the*  
 6        *weather forecasting capabilities of the Air Force*  
 7        *and to enhance the efficiency or effectiveness of*  
 8        *combat air power; and*

9                *(F) a plan for fielding existing technologies*  
 10        *and capabilities to mitigate such gaps or short-*  
 11        *falls.*

12    **SEC. 214. LIMITATION PENDING CERTIFICATION ON THE**  
 13                **JOINT SURVEILLANCE TARGET ATTACK**  
 14                **RADAR SYSTEM RECAPITALIZATION PRO-**  
 15                **GRAM.**

16        *(a) LIMITATION.—Until a period of 15 days has*  
 17        *elapsed following the date on which the Secretary of the Air*  
 18        *Force submits to the congressional defense committees the*  
 19        *certification described in subsection (b)—*

20                *(1) of the total amount of funds authorized to be*  
 21        *appropriated by this Act or otherwise made available*  
 22        *for the Air Force for fiscal year 2019 for the covered*  
 23        *programs not more than 50 percent may be obligated*  
 24        *or expended for the programs; and*

1           (2) *the Secretary of the Air Force may not divest*  
 2           *more than one legacy E–8 Joint Surveillance Target*  
 3           *Attack Radar System aircraft.*

4           (b) *CERTIFICATION.—The certification described in*  
 5           *this subsection is a written statement of the Secretary of*  
 6           *the Air Force certifying that—*

7           (1) *the Secretary has awarded one or more con-*  
 8           *tracts under the Joint Surveillance Target Attack*  
 9           *Radar System recapitalization program for—*

10           (A) *engineering, manufacturing, and devel-*  
 11           *opment*

12           (B) *low-rate initial production;*

13           (C) *production; and*

14           (D) *initial contractor support; and*

15           (2) *the program is proceeding in accordance*  
 16           *with the plans for the program set forth in the budget*  
 17           *request of the President submitted to Congress under*  
 18           *section 1105 of title 31, United States Code, for fiscal*  
 19           *year 2018.*

20           (c) *GAO REPORT AND BRIEFING.—*

21           (1) *REPORT REQUIRED.—Not later than March*  
 22           *1, 2020, the Comptroller General of the United States*  
 23           *shall submit to the congressional defense committees a*  
 24           *report on Increment 1, Increment 2, and Increment*  
 25           *3 of the 21st Century Advanced Battle-Management*

1       *System of Systems capability of the Air Force. The*  
2       *report shall include a review of—*

3               *(A) the technologies that compose the capa-*  
4               *bility and the level of maturation of such tech-*  
5               *nologies;*

6               *(B) the resources budgeted for the capa-*  
7               *bility;*

8               *(C) the fielding plan for the capability;*

9               *(D) any risk assessments associated with the*  
10              *capability; and*

11              *(E) the overall acquisition strategy for the*  
12              *capability.*

13              *(2) INTERIM BRIEFING.—Not later than March*  
14              *1, 2019, the Comptroller General of the United States*  
15              *shall provide to the Committee on Armed Services of*  
16              *the House of Representatives a briefing on the topics*  
17              *to be covered by the report under paragraph (1), in-*  
18              *cluding any preliminary data and any issues or con-*  
19              *cerns of the Comptroller General relating to the re-*  
20              *port.*

21              *(d) AIR FORCE REPORT.—Not later than February 5,*  
22              *2019, the Secretary of the Air Force shall submit to the con-*  
23              *gressional defense committees a report on the legacy fleet*  
24              *of E–8C Joint Surveillance Target Attack Radar System*  
25              *aircraft that includes—*

1           (1) *the modernization and sustainment strategy,*  
2           *and associated costs, for the airframe and mission*  
3           *systems that will be used to maintain the legacy fleet*  
4           *of such aircraft until the Joint Surveillance Target*  
5           *Attack Radar System recapitalization program*  
6           *achieves initial operational capability; and*

7           (2) *a plan that describes how the Secretary*  
8           *will—*

9                   (A) *continue to provide combatant com-*  
10                  *manders with the current level of E-8C force*  
11                  *support;*

12                  (B) *accelerate the Joint Surveillance Target*  
13                  *Attack Radar System recapitalization program*  
14                  *to significantly decrease the time needed to*  
15                  *achieve initial operational capability without*  
16                  *adversely affecting currently programmed E-8C*  
17                  *manpower levels; and*

18                  (C) *maintain acceptable levels of risk while*  
19                  *carrying out the activities described in subpara-*  
20                  *graphs (A) and (B).*

21           (e) *PROGRAM OFFICE PERSONNEL.—Using funds au-*  
22           *thorized to be appropriated by this Act or otherwise made*  
23           *available for the Air Force for fiscal year 2019 for the Joint*  
24           *Surveillance Target Attack Radar System recapitalization*  
25           *program, the Secretary of the Air Force may obligate and*



1 *expend funds necessary for civilian pay expenses required*  
 2 *to manage, execute, and deliver the Joint Surveillance Tar-*  
 3 *get Attack Radar System recapitalization weapon system*  
 4 *capability.*

5 (f) *COVERED PROGRAM DEFINED.*—*In this section, the*  
 6 *term “covered program” means any program comprising*  
 7 *Increment 1, Increment 2, or Increment 3, of the 21st Cen-*  
 8 *tury Advanced Battle-Management System of Systems ca-*  
 9 *pability of the Air Force, except the term does not include*  
 10 *any activities under the legacy E–8C program or the Joint*  
 11 *Surveillance Target Attack Radar System recapitalization*  
 12 *program of the Air Force.*

13 **SEC. 215. LIMITATION ON AVAILABILITY OF FUNDS FOR F–**  
 14 **35 CONTINUOUS CAPABILITY DEVELOPMENT**  
 15 **AND DELIVERY.**

16 (a) *LIMITATION.*—*Except as provided in subsection*  
 17 *(b), of the funds authorized to be appropriated by this Act*  
 18 *or otherwise made available for fiscal year 2019 for the F–*  
 19 *35 continuous capability development and delivery pro-*  
 20 *gram, not more than 75 percent may be obligated or ex-*  
 21 *pended until a period of 15 days has elapsed following the*  
 22 *date on which the Secretary of Defense submits to the con-*  
 23 *gressional defense committees a detailed cost estimate and*  
 24 *baseline schedule for the program, which shall include any*

1 *information required for a major defense acquisition pro-*  
 2 *gram under section 2435 of title 10, United States Code.*

3 (b) *EXCEPTION.—The limitation in subsection (a) does*  
 4 *not apply to any funds authorized to be appropriated or*  
 5 *otherwise made available for the development of the F–35*  
 6 *dual capable aircraft capability.*

7 **SEC. 216. LIMITATION ON AVAILABILITY OF FUNDS PEND-**  
 8 **ING REPORT ON AGILE SOFTWARE DEVELOP-**  
 9 **MENT AND SOFTWARE OPERATIONS.**

10 (a) *LIMITATION.—Of the of funds described in sub-*  
 11 *section (d), not more than 75 percent may be obligated or*  
 12 *expended until a period of 30 days has elapsed following*  
 13 *the date on which the Secretary of the Air Force submits*  
 14 *the report required under subsection (b).*

15 (b) *REPORT.—Subject to subsection (c), the Secretary*  
 16 *of the Air Force shall submit to the congressional defense*  
 17 *committees a report that includes a description of each of*  
 18 *the following:*

19 (1) *The specific cost-estimating tools and meth-*  
 20 *odologies used to formulate Air Force budgets for soft-*  
 21 *ware application development using Agile Software*  
 22 *Development and Software Operations (referred to in*  
 23 *this section as “Agile DevOps”) in support of mod-*  
 24 *ernization and upgrade activities for Air Operations*  
 25 *Centers.*

1           (2) *The types of contracts used to execute Agile*  
2           *DevOps activities and the rationale for using each*  
3           *type of contract.*

4           (3) *How intellectual property ownership issues*  
5           *associated with software applications developed with*  
6           *Agile DevOps processes will be addressed to ensure fu-*  
7           *ture sustainment, maintenance, and upgrades to soft-*  
8           *ware applications after the applications are fielded.*

9           (4) *The Secretary's strategy for ensuring that*  
10          *software applications developed for Air Operations*  
11          *Centers are transportable and translatable among all*  
12          *the Centers to avoid any duplication of efforts.*

13          (5) *Any tools and software applications that*  
14          *have been developed for the Air Operations Centers*  
15          *and the costs and cost categories associated with de-*  
16          *veloping each such tool and software application.*

17          (c) *REVIEW.*—*Before submitting the report under sub-*  
18          *section (b), the Secretary of the Air Force shall ensure that*  
19          *the report is reviewed and approved by the Director of De-*  
20          *fense Pricing and the Defense Procurement and Acquisition*  
21          *Policy.*

22          (d) *FUNDS DESCRIBED.*—*The funds described in this*  
23          *subsection are the following:*

24               (1) *Funds authorized to be appropriated by this*  
25          *Act or otherwise made available for fiscal year 2019*

1     *for research, development, test, and evaluation, Air*  
 2     *Force, for Air and Space Operations Centers (PE*  
 3     *0207410F, Project 674596).*

4             *(2) Funds authorized to be appropriated by this*  
 5     *Act or otherwise made available for fiscal year 2019*  
 6     *for other procurement, Air Force, for Air and Space*  
 7     *Operations Centers.*

8     **SEC. 217. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
 9                     **CERTAIN HIGH ENERGY LASER ADVANCED**  
 10                    **TECHNOLOGY.**

11            *(a) LIMITATION.—Of the funds authorized to be appro-*  
 12     *priated by this Act or otherwise made available for fiscal*  
 13     *year 2019 for the Department of Defense for High Energy*  
 14     *Laser Advanced Technology (PE 0603924D8Z), not more*  
 15     *than 50 percent may be obligated or expended until the date*  
 16     *on which the Secretary of Defense submits to the congres-*  
 17     *sional defense committees—*

18                     *(1) a logical roadmap and detailed assessment of*  
 19     *the high energy laser programs of the Department of*  
 20     *Defense; and*

21                     *(2) a justification for the \$33,533,000 of in-*  
 22     *creased funding for high energy laser programs au-*  
 23     *thorized in the National Defense Authorization Act*  
 24     *for Fiscal Year 2018 (Public Law 115–91).*

1       (b) *RULE OF CONSTRUCTION.*—*The limitation in sub-*  
 2 *section (a) shall not be construed to apply to any other high*  
 3 *energy laser program of the Department of Defense other*  
 4 *than the program element specified in such subsection.*

5       **SEC. 218. PLAN FOR ELIMINATION OR TRANSFER OF THE**  
 6                               **STRATEGIC CAPABILITIES OFFICE OF THE DE-**  
 7                               **PARTMENT OF DEFENSE.**

8       (a) *PLAN REQUIRED.*—*Not later than March 1, 2019,*  
 9 *the Secretary of Defense, acting through the Under Sec-*  
 10 *retary of Defense for Research and Engineering, shall sub-*  
 11 *mit to the congressional defense committees a plan—*

12               (1) *to eliminate the Strategic Capabilities Office*  
 13 *of the Department of Defense by not later than Octo-*  
 14 *ber 1, 2020; or*

15               (2) *to transfer the functions of the Strategic Ca-*  
 16 *pabilities Office to another organization or element of*  
 17 *the Department by not later than October 1, 2020.*

18       (b) *ELEMENTS.*—*The plan required under subsection*  
 19 *(a) shall include the following:*

20               (1) *A timeline for the potential elimination or*  
 21 *transfer of the activities, functions, programs, plans,*  
 22 *and resources of the Strategic Capabilities Office.*

23               (2) *A strategy for mitigating risk to the pro-*  
 24 *grams of the Strategic Capabilities Office while the*  
 25 *elimination or transfer is carried out.*

1           (3) *A strategy for implementing the lessons*  
 2           *learned and best practices of the Strategic Capabili-*  
 3           *ties Office across the organizations and elements of*  
 4           *the Department of Defense to promote enterprise-wide*  
 5           *innovation.*

6           (c) *FORM OF PLAN.*—*The plan required under sub-*  
 7           *section (a) shall be submitted in unclassified form, but may*  
 8           *include a classified annex.*

9           **SEC. 219. NATIONAL SECURITY SCIENCE AND TECHNOLOGY**  
 10           **STRATEGY.**

11          (a) *STRATEGY.*—*Not later than February 4, 2019, the*  
 12           *Secretary of Defense shall develop and implement a strategy*  
 13           *(to be known as the “National Security Science and Tech-*  
 14           *nology Strategy”)* *to prioritize the science and technology*  
 15           *efforts and investments of the Department of Defense.*

16          (b) *ELEMENTS.*—*The strategy under subsection (a)*  
 17           *shall—*

18               (1) *include specific goals for the science and tech-*  
 19               *nology programs of the Department of Defense in*  
 20               *which personnel and resources of the Department are*  
 21               *invested;*

22               (2) *be aligned with the National Defense Strat-*  
 23               *egy and Government-wide strategic science and tech-*  
 24               *nology priorities, including the defense budget prior-*

ities of the Office of Science and Technology Policy of the President;

(3) align the acquisition priorities, programs, and timelines of the Department with the acquisition priorities, programs, and timelines of defense enterprise laboratories and services;

(4) contain an assessment of high priority emerging technology programs of the Department, including programs relating to hypersonics, directed energy, synthetic biology, and artificial intelligence;

(5) identify high priority research and engineering requirements and gaps;

(6) include recommendations for changes in authorities, regulations, policies, or any other relevant areas, that would support the achievement of the goals set forth in the strategy; and

(7) contain such other information as the Secretary of Defense determines to be appropriate.

(c) ANNUAL SUBMISSION.—

(1) IN GENERAL.—Not later than February 4, 2019, and annually thereafter through December 31, 2021, the Secretary of Defense shall submit to the congressional defense committees the most recent version of the strategy developed under subsection (a).

1           (2) *FORM OF SUBMISSION.*—Each strategy sub-  
 2           mitted under paragraph (1) shall be submitted in un-  
 3           classified form, but may include a classified annex

4           (d) *BRIEFING.*—Not later than 14 days after the date  
 5           on which the initial strategy under subsection (a) is com-  
 6           pleted, the Under Secretary of Defense for Research and En-  
 7           gineering shall provide to the Committees on Armed Serv-  
 8           ices of the Senate and the House of Representatives a brief-  
 9           ing on the implementation of the strategy.

10   **SEC. 220. MODIFICATION OF CVN-73 TO SUPPORT FIELDING**  
 11           **OF MQ-25 UNMANNED AERIAL VEHICLE.**

12           The Secretary of the Navy shall ensure that the aircraft  
 13           carrier designated CVN-73 is modified to support the field-  
 14           ing of the MQ-25 unmanned aerial vehicle before the date  
 15           on which the refueling and complex overhaul of the aircraft  
 16           carrier is completed.

17           **Subtitle C—Reports and Other**  
 18                           **Matters**

19   **SEC. 221. REPORT ON SURVIVABILITY OF AIR DEFENSE AR-**  
 20           **TILLERY.**

21           (a) *REPORT REQUIRED.*—Not later than March 1,  
 22           2019, the Secretary of the Army shall submit to the Com-  
 23           mittees on Armed Services of the Senate and the House of  
 24           Representatives a report on the efforts of the Army to im-  
 25           prove the survivability of air defense artillery, with a par-



1 ticular focus on the efforts of the Army to improve passive  
 2 and active nonkinetic capabilities and training with respect  
 3 to such artillery.

4 (b) *ELEMENTS.*—The report required under subsection  
 5 (a) shall include the following:

6 (1) *An analysis of the utility of relevant passive*  
 7 *and active non-kinetic integrated air and missile de-*  
 8 *fense capabilities, including tactical mobility, new*  
 9 *passive and active sensors, signature reduction, con-*  
 10 *cealment, and deception systems, and electronic war-*  
 11 *fare and high-powered radio frequency systems.*

12 (2) *An analysis of the utility of relevant active*  
 13 *kinetic capabilities, such as a new, long-range*  
 14 *counter-maneuvering threat missile and additional*  
 15 *indirect fire protection capability units to defend Pa-*  
 16 *triot and Terminal High Altitude Area Defense bat-*  
 17 *teries.*

18 (c) *FORM OF REPORT.*—The report required under  
 19 subsection (a) shall be submitted in unclassified form, but  
 20 may contain a classified annex.

21 **SEC. 222. REPORT ON T-45 AIRCRAFT PHYSIOLOGICAL EPI-**  
 22 **SODE MITIGATION ACTIONS.**

23 (a) *REPORT REQUIRED.*—Not later than March 1,  
 24 2019, the Secretary of the Navy shall submit to the congres-  
 25 sional defense committees a report on modifications made

1 to T-45 aircraft and associated ground equipment to miti-  
 2 gate the risk of physiological episodes among T-45 aircraft  
 3 crewmembers.

4 (b) *ELEMENTS.*—The report required under subsection  
 5 (a) shall include—

6 (1) a list of all modifications to the T-45 air-  
 7 craft and associated ground equipment carried out  
 8 during fiscal years 2017 through 2019 to mitigate the  
 9 risk of physiological episodes among T-45 crew-  
 10 members;

11 (2) the results achieved by such modifications as  
 12 determined by relevant testing and operational activi-  
 13 ties;

14 (3) the cost of such modifications; and

15 (4) any plans of the Navy for future modifica-  
 16 tions.

17 **SEC. 223. REPORT ON EFFORTS OF THE AIR FORCE TO MITI-**  
 18 **GATE PHYSIOLOGICAL EPISODES AFFECTING**  
 19 **AIRCRAFT CREWMEMBERS.**

20 (a) *REPORT REQUIRED.*—Not later than March 1,  
 21 2019, the Secretary of the Air Force shall submit to the con-  
 22 gressional defense committees a report on all efforts of the  
 23 Air Force to reduce the occurrence of, and mitigate the risk  
 24 posed by, physiological episodes affecting crewmembers of  
 25 covered aircraft.

1       (b) *ELEMENTS.*—*The report required under subsection*

2       (a) *shall include—*

3               (1) *information on the rate of physiological epi-*  
4       *sodes affecting crewmembers of covered aircraft;*

5               (2) *a description of the specific actions carried*  
6       *out by the Air Force to address such episodes, includ-*  
7       *ing a description of any upgrades or other modifica-*  
8       *tions made to covered aircraft to address such epi-*  
9       *sodes;*

10              (3) *schedules and cost estimates for any upgrades*  
11       *or modifications identified under paragraph (3); and*

12              (4) *an explanation of any organizational or*  
13       *other changes to the Air Force carried out to address*  
14       *such physiological episodes.*

15       (c) *COVERED AIRCRAFT DEFINED.*—*In this section,*  
16       *the term “covered aircraft” means—*

17              (1) *F-35A aircraft of the Air Force;*

18              (2) *T-6A aircraft of the Air Force; and*

19              (3) *any other aircraft of the Air Force as deter-*  
20       *mined by the Secretary of the Air Force.*

21       **SEC. 224. BRIEFING ON USE OF QUANTUM SCIENCES FOR**  
22                               **MILITARY APPLICATIONS AND OTHER PUR-**  
23                               **POSES.**

24       (a) *BRIEFING REQUIRED.*—*Not later than 180 days*  
25       *after the date of the enactment of this Act, the Secretary*

1 *of Defense shall provide to the congressional defense commit-*  
2 *tees a briefing on the strategy of the Secretary for using*  
3 *quantum sciences for military applications and other pur-*  
4 *poses.*

5 (b) *ELEMENTS.*—*The briefing under subsection (a)*  
6 *shall include—*

7 (1) *a description of the knowledge-base of the De-*  
8 *partment of Defense with respect to quantum sciences*  
9 *and any plans of the Secretary of Defense to enhance*  
10 *such knowledge-base;*

11 (2) *a plan that describes how the Secretary in-*  
12 *tends to use quantum sciences for military applica-*  
13 *tions and to meet other needs of the Department; and*

14 (3) *an assessment of the efforts of foreign powers*  
15 *to use quantum sciences for military applications and*  
16 *other purposes.*

17 (c) *FORM OF BRIEFING.*—*The briefing under sub-*  
18 *section (a) may be provided in classified or unclassified*  
19 *form.*

20 **SEC. 225. REPORT ON DEFENSE INNOVATION UNIT EXPERI-**  
21 **MENTAL.**

22 *Not later than May 1, 2019, the Under Secretary of*  
23 *Defense for Research and Engineering shall submit to the*  
24 *congressional defense committees a report on Defense Inno-*

1 *vation Unit Experimental (in this section referred to as the*  
2 *“Unit”). Such a report shall include the following:*

3 *(1) The integration of the Unit into the broader*  
4 *Department of Defense research and engineering com-*  
5 *munity to coordinate and de-conflict activities of the*  
6 *Unit with similar activities of the military depart-*  
7 *ments, Defense Agencies, Department of Defense lab-*  
8 *oratories, the Defense Advanced Research Project*  
9 *Agency, and other entities.*

10 *(2) The metrics used to measure the effectiveness*  
11 *of the Unit and the results of these metrics.*

12 *(3) The number and types of transitions by the*  
13 *Unit to the military departments or fielded to the*  
14 *warfighter.*

15 *(4) The use of other transaction authority by the*  
16 *Unit to include the process, procedures, documenta-*  
17 *tion, and oversight of awards made using such au-*  
18 *thority.*

19 *(5) The impact of the Unit’s initiatives, out-*  
20 *reach, and investments on Department of Defense ac-*  
21 *cess to technology leaders and technology not other-*  
22 *wise accessible to the Department including—*

23 *(A) identification of the number of non-tra-*  
24 *ditional companies with Department of Defense*

1           *contracts resulting directly from the Unit's ini-*  
2           *tiatives, investments, or outreach;*

3           *(B) the number of innovations delivered*  
4           *into the hands of the warfighter; and*

5           *(C) how the Department is notifying its in-*  
6           *ternal components about participation in the*  
7           *Unit.*

8           *(6) How the Department of Defense is docu-*  
9           *menting and institutionalizing lessons learned and*  
10          *best practices of the Unit to alleviate the systematic*  
11          *problems with technology access and timely contract*  
12          *execution.*

13           ***TITLE III—OPERATION AND***  
14           ***MAINTENANCE***

15           ***Subtitle A—Authorization of***  
16           ***Appropriations***

17          ***SEC. 301. AUTHORIZATION OF APPROPRIATIONS.***

18          *Funds are here by authorized to be appropriated for*  
19          *fiscal year 2019 for the use of the Armed Forces and other*  
20          *activities and agencies of the Department of Defense for ex-*  
21          *penses, not otherwise provided for, for operation and main-*  
22          *tenance, as specified in the funding table in section 4301.*

***Subtitle B—Energy and  
Environment***

***SEC. 311. INCLUSION OF CONSIDERATION OF ENERGY AND  
CLIMATE RESILIENCY EFFORTS IN MASTER  
PLANS FOR MAJOR MILITARY INSTALLA-  
TIONS.***

*Section 2864 of title 10, United States Code, is amend-  
ed—*

*(1) in subsection (a)(2)—*

*(A) in subparagraph (C), by striking “and”  
at the end;*

*(B) in subparagraph (D), by striking the  
period at the end and inserting “; and”; and*

*(C) by adding at the end the following new  
subparagraph:*

*“(E) energy and climate resiliency efforts.”; and*

*(2) in subsection (d), by adding at the end the  
following new paragraph:*

*“(3) The term ‘energy and climate resiliency’  
means anticipation, preparation for, and adaptation  
to utility disruptions and changing environmental  
conditions and the ability to withstand, respond to  
and recover rapidly from utility disruptions while en-  
suring the sustainment of mission-critical oper-  
ations.”.*

1 **SEC. 312. USE OF PROCEEDS FROM SALES OF ELECTRICAL**  
2 **ENERGY DERIVED FROM GEOTHERMAL RE-**  
3 **SOURCES FOR PROJECTS AT MILITARY IN-**  
4 **STALLATIONS WHERE RESOURCES ARE LO-**  
5 **CATED.**

6 *Subsection (b) of section 2916 of title 10, United States*  
7 *Code, is amended—*

8 *(1) in paragraph (1), by striking “Proceeds” and*  
9 *inserting “Except as provided in paragraph (3), pro-*  
10 *ceeds”; and*

11 *(2) by adding at the end the following new para-*  
12 *graph:*

13 *“(3) In the case of proceeds from a sale of electrical*  
14 *energy generated from any geothermal energy resource—*

15 *“(A) 50 percent shall be credited to the appro-*  
16 *priation account described in paragraph (1); and*

17 *“(B) 50 percent shall be deposited in a special*  
18 *account in the Treasury established by the Secretary*  
19 *concerned which shall be available, for military con-*  
20 *struction projects described in paragraph (2) or for*  
21 *installation energy or water security projects directly*  
22 *coordinated with local area energy or groundwater*  
23 *governing authorities, for the military installation in*  
24 *which the geothermal energy resource is located.”.*



1 **SEC. 313. EXTENSION OF AUTHORIZED PERIODS OF PER-**  
 2 **MITTED INCIDENTAL TAKINGS OF MARINE**  
 3 **MAMMALS IN THE COURSE OF SPECIFIED AC-**  
 4 **TIVITIES BY DEPARTMENT OF DEFENSE.**

5 *Section 101(a)(5)(A) of the Marine Mammal Protec-*  
 6 *tion Act of 1972 (16 U.S.C. 1371(a)(5)(A)) is amended—*

7 *(1) in clause (i), by striking “Upon request” and*  
 8 *inserting “Except as provided by clause (ii), upon re-*  
 9 *quest”;*

10 *(2) by redesignating clauses (ii) and (iii) as*  
 11 *clauses (iii) and (iv), respectively; and*

12 *(3) by inserting after clause (i) the following new*  
 13 *clause (ii):*

14 *“(ii) In the case of a request described in clause (i)*  
 15 *made by the Department of Defense, such clause shall be*  
 16 *applied—*

17 *“(I) in the matter preceding clause (I), by sub-*  
 18 *stituting ‘ten consecutive years’ for ‘five consecutive*  
 19 *years’; and*

20 *“(II) in clause (I), by substituting ‘ten-year’ for*  
 21 *‘five-year’.”.*

22 **SEC. 314. STATE MANAGEMENT AND CONSERVATION OF**  
 23 **SPECIES.**

24 *(a) SAGE-GROUSE AND PRAIRIE-CHICKEN.—*

25 *(1) IN GENERAL.—During the 10-year period be-*  
 26 *ginning on the date of the enactment of this Act, the*

1       *conservation status of each of the Greater Sage-grouse*  
2       *(Centrocercus urophasianus) and the Lesser Prairie-*  
3       *Chicken (Tympanuchus pallidicinctus) under section*  
4       *4 of the Endangered Species Act of 1973 (16 U.S.C.*  
5       *1533) shall be not-warranted for listing.*

6               (2) *SUBSEQUENT DETERMINATIONS.—In deter-*  
7       *mining conservation efficacy for purposes of making*  
8       *any determination of such status after such 10-year*  
9       *period, the Secretary of the Interior shall fully con-*  
10       *sider all conservation actions of States, Federal agen-*  
11       *cies, and military installations.*

12              (b) *AMERICAN BURYING BEETLE.—Notwithstanding*  
13       *the final rule of the United States Fish and Wildlife Service*  
14       *entitled “Endangered and Threatened Wildlife and Plants;*  
15       *Determination of Endangered Status for the American*  
16       *Burying Beetle” (54 Fed. Reg. 29652 (July 13, 1989)), the*  
17       *American burying beetle (Nicrophorus americanus) may*  
18       *not be listed as a threatened species or endangered species*  
19       *under the Endangered Species Act of 1973 (16 U.S.C. 1531*  
20       *et seq.).*

21              (c) *JUDICIAL REVIEW.—Notwithstanding any other*  
22       *provision of statute or regulation, this section shall not be*  
23       *subject to judicial review.*

***Subtitle C—Logistics and  
Sustainment***

**SEC. 321. EXAMINATION OF NAVAL VESSELS.**

*Section 7304(a) of title 10, United States Code, is amended—*

*(1) by striking “The Secretary” and inserting “(1) The Secretary”; and*

*(2) by adding at the end the following new paragraphs:*

*“(2) Any naval vessel examined under this section on or after October 1, 2019, shall be examined without prior notice provided to the crew of the vessel.*

*“(3) Any report generated relating to an examination under this section shall be unclassified and made publicly available.”.*

**SEC. 322. OVERHAUL AND REPAIR OF NAVAL VESSELS IN  
FOREIGN SHIPYARDS.**

*(a) TREATMENT OF NAVAL VESSELS WITHOUT DESIGNATED HOMEPORTS.—Subsection (a)(1) of section 7310 of title 10, United States Code, is amended by adding at the end the following new sentence: “For the purpose of this section, a naval vessel that does not have a designated homeport shall be treated in the same manner as a vessel with a homeport in the United States or Guam.”.*

1       (b) *DEFINITION OF VOYAGE REPAIR.*—*Such section is*  
2 *further amended—*

3           (1) *in subsection (c)—*

4               (A) *in paragraph (3)(C), by striking “as*  
5 *defined” and all that follows through “Volume*  
6 *III”; and*

7               (B) *by striking paragraph (5); and*

8           (2) *by adding at the end the following new sub-*  
9 *section:*

10       “(d) *DEFINITIONS.*—*In this section:*

11               “(1) *The term ‘covered naval vessel’ means any*  
12 *of the following:*

13                   “(A) *A naval vessel.*

14                   “(B) *Any other vessel under the jurisdiction*  
15 *of the Secretary of the Navy.*

16                   “(C) *A vessel not described in subparagraph*  
17 *(A) or (B) that is operated pursuant to a con-*  
18 *tract entered into by the Secretary of the Navy*  
19 *and the Maritime Administration or the United*  
20 *States Transportation Command in support of*  
21 *Department of Defense operations.*

22               “(2) *The term ‘voyage repair’ means repair per-*  
23 *formed solely for the corrective maintenance of mis-*  
24 *sion or safety essential items necessary for a vessel to*  
25 *deploy or continue its deployment.”.*

1 **SEC. 323. LIMITATION ON LENGTH OF OVERSEAS FORWARD**  
 2 **DEPLOYMENT OF NAVAL VESSELS.**

3 (a) *LIMITATION.*—

4 (1) *IN GENERAL.*—Chapter 633 of title 10,  
 5 United States Code, is amended by adding at the end  
 6 the following new section:

7 **“§ 7320. Limitation on length of overseas forward de-**  
 8 **ployment of naval vessels**

9 “(a) *LIMITATION.*—The Secretary of the Navy shall en-  
 10 sure that no naval vessel is forward deployed overseas for  
 11 a period in excess of ten years. At the end of a period of  
 12 overseas forward deployment, the vessel shall be assigned a  
 13 homeport in the United States.

14 “(b) *WAIVER.*—The Secretary of the Navy may waive  
 15 the limitation under subsection (a) with respect to a naval  
 16 vessel if the Secretary submits to the congressional defense  
 17 committees notice in writing of—

18 “(1) the waiver of such limitation with respect  
 19 to the vessel;

20 “(2) the date on which the period of overseas for-  
 21 ward deployment of the vessel is expected to end; and

22 “(3) the factors used by the Secretary to deter-  
 23 mine that a longer period of deployment would pro-  
 24 mote the national defense or be in the public inter-  
 25 est.”.

(2) *CLERICAL AMENDMENT.*—The table of sections at the beginning of such chapter is amended by adding at the end the following new section:

*“7320. Limitation on length of overseas forward deployment of naval vessels.”*

(b) *TREATMENT OF CURRENTLY DEPLOYED VESSELS.*—In the case of any naval vessel that has been forward deployed overseas for a period in excess of ten years as of the date of the enactment of this Act, the Secretary of the Navy shall ensure that such vessel is assigned a homeport in the United States by not later than three years after the date of the enactment of this Act.

(c) CONGRESSIONAL BRIEFING.—Not later than 90 days after the date of the enactment of this Act, the Secretary of the Navy shall provide to the Committees on Armed Services of the Senate and House of Representatives a briefing on the plan of the Secretary for the rotation of forward deployed naval vessels.

17 SEC. 324. TEMPORARY MODIFICATION OF WORKLOAD CAR-  
18 RYOVER FORMULA.

During the period beginning on the date of the enactment of this Act and ending on September 30, 2021, in carrying out chapter 9, volume 2B (relating to Instructions for the Preparation of Exhibit Fund-11a Carryover Reconciliation) of Department of Defense regulation 7000.14-R, entitled “Financial Management Regulation (FMR)”, in addition to any other applicable exemptions, the Secretary

1 of Defense shall ensure that with respect to each military  
 2 department depot or arsenal, outlay rates—

3 (1) reflect the timing of when during a fiscal  
 4 year appropriations have historically funded work-  
 5 load; and

6 (2) account for the varying repair cycle times of  
 7 the workload supported.

8 **SEC. 325. LIMITATION ON USE OF FUNDS FOR IMPLEMENTA-**  
 9 **TION OF ELEMENTS OF MASTER PLAN FOR**  
 10 **REDEVELOPMENT OF FORMER SHIP REPAIR**  
 11 **FACILITY IN GUAM.**

12 (a) *LIMITATION.*—Except as provided in subsection  
 13 (b), none of the funds authorized to be appropriated by this  
 14 Act or otherwise made available for the Navy for fiscal year  
 15 2019 may be obligated or expended for any construction,  
 16 alteration, repair, or development of the real property con-  
 17 sisting of the Former Ship Repair Facility in Guam.

18 (b) *EXCEPTION.*—The limitation under subsection (a)  
 19 does not apply to any project that directly supports depot-  
 20 level ship maintenance capabilities, including the mooring  
 21 of a floating dry dock.

22 (c) *FORMER SHIP REPAIR FACILITY IN GUAM.*—In  
 23 this section, the term “Former Ship Repair Facility in  
 24 Guam” means the property identified by that name under  
 25 the base realignment and closure authority carried out

1 *under the Defense Base Closure and Realignment Act of*  
2 *1990 (part A of title XXIX of Public Law 101-510; 10 USC*  
3 *2687 note).*

4 **SEC. 326. BUSINESS CASE ANALYSIS FOR PROPOSED RELO-**  
5 **CATION OF J85 ENGINE REGIONAL REPAIR**  
6 **CENTER.**

7 *(a) BUSINESS CASE ANALYSIS.—The Secretary of the*  
8 *Air Force shall prepare a business case analysis on the pro-*  
9 *posed relocation of the J85 Engine Regional Repair Center.*  
10 *Such analysis shall include each of the following:*

11 *(1) An overview of each alternative considered*  
12 *for the J85 Engine Regional Repair Center.*

13 *(2) The one-time and annual costs associated*  
14 *with each such alternative.*

15 *(3) The effect of each such alternative on work-*  
16 *load capacity, capability, schedule, throughput, and*  
17 *costs.*

18 *(4) The effect of each such alternative on Govern-*  
19 *ment-furnished parts, components, and equipment,*  
20 *including mitigation strategies to address known lim-*  
21 *itations to T38 production throughput, especially*  
22 *such limitations caused by Government-furnished*  
23 *parts, equipment, or transportation.*



1           (5) *The effect of each such alternative on the*  
 2           *transition of the Air Force to the T-X training air-*  
 3           *craft.*

4           (6) *A detailed rationale for the selection of an al-*  
 5           *ternative considered as part of the business case anal-*  
 6           *ysis under this section.*

7           (b) *LIMITATION ON USE OF FUNDS FOR RELOCA-*  
 8           *TION.—None of the funds authorized to be appropriated by*  
 9           *this Act, or otherwise made available for the Air Force, may*  
 10          *be obligated or expended for any action to relocate the J85*  
 11          *Engine Regional Repair Center until the date that is 150*  
 12          *days after the date on which the Secretary of the Air Force*  
 13          *provides to the Committees on Armed Services of the Senate*  
 14          *and House of Representatives a briefing on the business case*  
 15          *analysis required by subsection (a).*

16       **SEC. 327. ARMY ADVANCED AND ADDITIVE MANUFAC-**  
 17       **TURING CENTER OF EXCELLENCE.**

18          (a) *DESIGNATION.—The Secretary of the Army shall*  
 19          *establish a Center of Excellence on Advanced and Additive*  
 20          *Manufacturing at an arsenal (hereafter referred to as “the*  
 21          *Center”).*

22          (b) *PURPOSES.—The Center established in section (a)*  
 23          *shall—*

24               (1) *support the efforts of the Army to implement*  
 25               *advanced and additive manufacturing techniques and*

1        *capabilities across the Army industrial facilities (as*  
 2        *defined by section 4544(j) of title 10, United States*  
 3        *Code);*

4            *(2) identify improvements to sustainment meth-*  
 5        *ods for component parts and other logistics needs;*

6            *(3) identify and implement appropriate cyber*  
 7        *protections to ensure viability of advanced and addi-*  
 8        *tive manufacturing within the Army organic indus-*  
 9        *trial base in consultation with the Army Cyber Cen-*  
 10       *ter of Excellence and other appropriate government*  
 11       *and private sector entities; and*

12           *(4) aid in the procurement of advanced and ad-*  
 13        *ditive manufacturing equipment and support services*  
 14        *including training.*

15        *(c) ASSISTANCE.—*

16           *(1) IN GENERAL.—The Secretary of the Army*  
 17        *may use public-private partnerships and other trans-*  
 18        *actional activity pursuant to section 2371 of title 10,*  
 19        *United States Code, with covered entities to facilitate*  
 20        *the development of advanced and additive manufac-*  
 21        *turing techniques in support of Army industrial fa-*  
 22        *cilities.*

23           *(2) TERMS OF PARTNERSHIPS AND AGREE-*  
 24        *MENTS.—Public-private partnerships and other trans-*  
 25        *actional activity under paragraph (1)—*

1           (A) shall facilitate development and imple-  
2           mentation of advanced and additive manufac-  
3           turing techniques and capabilities that support  
4           the Army organic industrial base;

5           (B) may support necessary workforce devel-  
6           opment and support efforts to sustain advanced  
7           and additive manufacturing in the Army or-  
8           ganic industrial base;

9           (C) shall facilitate appropriate sharing of  
10          information in the adaptation of advanced and  
11          additive manufacturing into the Army organic  
12          industrial base; and

13          (D) shall facilitate implementation of ap-  
14          propriate cyber protections into advanced and  
15          additive manufacturing tools and techniques.

16          (d) *DEFINITION OF COVERED ENTITY.*—In this sec-  
17          tion, the term “covered entity” includes—

18               (1) community and technical colleges;

19               (2) research universities;

20               (3) State and local governments;

21               (4) economic development entities;

22               (5) non-profit technical associations in advanced  
23          manufacturing; and

24               (6) non-profit organizations with a focus on im-  
25          proving the defense industrial base.

## ***Subtitle D—Reports***

### ***SEC. 331. MATTERS FOR INCLUSION IN QUARTERLY REPORTS ON PERSONNEL AND UNIT READINESS.***

*Section 482 of title 10, United States Code, is amended—*

*(1) in subsection (b)(1), by inserting after “deficiency” the following: “in the ground, sea, air, space, and cyber forces, and in such other such areas as determined by the Secretary of Defense,”; and*

*(2) in subsection (d)—*

*(A) in the subsection heading, by striking “ASSIGNED MISSION”;*

*(B) by striking paragraph (3);*

*(C) by redesignating paragraphs (2) as paragraph (3); and*

*(D) by inserting after paragraph (1) the following new paragraph (2):*

*“(2) A report for the second or fourth quarter of a calendar year under this section shall also include an assessment by each commander of a geographic or functional combatant command of the readiness of the command to conduct operations in a multidomain battle that integrates ground, air, sea, space, and cyber forces.”.*

1 **SEC. 332. ANNUAL COMPTROLLER GENERAL REVIEWS OF**  
2 **READINESS OF ARMED FORCES TO CONDUCT**  
3 **FULL SPECTRUM OPERATIONS.**

4 (a) *REVIEWS REQUIRED.*—For each of calendar years  
5 2018 through 2021, the Comptroller General of the United  
6 States shall conduct an annual review of the readiness of  
7 the Armed Forces to conduct each of the following types of  
8 full spectrum operations:

9 (1) *Ground.*

10 (2) *Sea.*

11 (3) *Air.*

12 (4) *Space.*

13 (5) *Cyber.*

14 (b) *ELEMENTS OF REVIEW.*—In conducting a review  
15 under subsection (a), the Comptroller General shall—

16 (1) *use standard methodology and reporting for-*  
17  *mats in order to show changes over time;*

18 (2) *evaluate, using fiscal year 2017 as the base*  
19 *year of analysis—*

20 (A) *force structure;*

21 (B) *the ability of major operational units to*  
22 *conduct operations; and*

23 (C) *the status of equipment, manning, and*  
24 *training; and*

25 (3) *provide reasons for any variances in readi-*  
26 *ness levels, including changes in funding, availability*

1        *in parts, training opportunities, and operational de-*  
2        *mands.*

3        *(c) METRICS.—For purposes of the reviews required by*  
4        *this section, the Secretary of Defense shall identify and es-*  
5        *tablish metrics for measuring readiness for the operations*  
6        *covered by subsection (a). In the first review conducted*  
7        *under this section, the Comptroller General shall evaluate*  
8        *and determine the validity of such metrics.*

9        *(d) ACCESS TO RELEVANT DATA.—For purposes of*  
10       *this section, the Secretary of Defense shall ensure that the*  
11       *Comptroller General has access to all relevant data, includ-*  
12       *ing—*

13                *(1) any assessments of the ability of the Depart-*  
14                *ment of Defense and the Armed Forces to execute*  
15                *operational and contingency plans;*

16                *(2) any internal Department readiness and force*  
17                *structure assessments; and*

18                *(3) the readiness databases of the Department*  
19                *and the Armed Forces.*

20        *(e) REPORTS.—*

21                *(1) ANNUAL REPORT.—Not later than February*  
22                *28, 2019, and annually thereafter until 2022, the*  
23                *Comptroller General shall submit to the Committees*  
24                *on Armed Services of the Senate and House of Rep-*  
25                *resentatives an annual report on the review conducted*

1       under subsection (a) for the year preceding the year  
2       during which the report is submitted.

3               (2) *ADDITIONAL REPORTS.*—At the discretion of  
4       the Comptroller General, the Comptroller General  
5       may submit to the Committees on Armed Services of  
6       the Senate and House of Representatives additional  
7       reports addressing specific mission areas within the  
8       operations covered by subsection (a) in order to pro-  
9       vide an independent assessment of readiness in the  
10      areas of equipping, mapping, and training.

11 **SEC. 333. SURFACE WARFARE TRAINING IMPROVEMENT.**

12       (a) *FINDINGS.*—Congress makes the following findings:

13               (1) *In 2017, there were three collisions and one*  
14       *grounding involving United States Navy ships in the*  
15       *Western Pacific. The two most recent mishaps in-*  
16       *volved separate incidents of a Japan-based United*  
17       *States Navy destroyer colliding with a commercial*  
18       *merchant vessel, resulting in the combined loss of 17*  
19       *sailors.*

20               (2) *The causal factors in these four mishaps are*  
21       *linked directly to a failure to take sufficient action in*  
22       *accordance with the rules of good seamanship.*

23               (3) *Because risks are high in the maritime envi-*  
24       *ronment, there are widely accepted standards for safe*  
25       *seamanship and navigation. In the United States, the*

1       *International Convention on Standards of Training,*  
2       *Certification and Watchkeeping (hereinafter in this*  
3       *section referred to as the “STCW”) for Seafarers,*  
4       *standardizes the skills and foundational knowledge a*  
5       *maritime professional must have in seamanship and*  
6       *navigation.*

7               (4) *Section 568 of the National Defense Author-*  
8       *ization Act for Fiscal Year 2017 (Public Law 114-*  
9       *328; 130 Stat. 2139) endorsed the STCW process and*  
10       *required the Secretary of Defense to maximize the ex-*  
11       *tent to which Armed Forces service, training, and*  
12       *qualifications are creditable toward meeting merchant*  
13       *mariner licenses and certifications.*

14              (5) *The Surface Warfare Officer Course Cur-*  
15       *riculum is being modified to include ten individual*  
16       *Go/No Go Mariner Assessments/Competency Check*  
17       *Milestones to ensure standardization and quality of*  
18       *the surface warfare community.*

19              (6) *The Military-to-Mariner Transition report of*  
20       *September 2017 notes the Army maintains an exten-*  
21       *sive STCW qualifications program and that a similar*  
22       *Navy program does not exist.*

23       (b) *SENSE OF CONGRESS.—It is the sense of Congress*  
24       *that—*



1           (1) *the Secretary of the Navy should establish a*  
2           *comprehensive individual proficiency assessment*  
3           *process and include such an assessment prior to all*  
4           *operational surface warfare officer tour assignments;*  
5           *and*

6           (2) *the Secretary of the Navy should signifi-*  
7           *cantly expand the STCW qualifications process to im-*  
8           *prove seamanship and navigation individual skills*  
9           *training for surface warfare candidates, surface war-*  
10          *fare officers, quartermasters and operations specialists*  
11          *to include an increased set of courses that directly*  
12          *correspond to STCW standards.*

13          (c) *REPORT.—Not later than March 1, 2019, the Sec-*  
14          *retary of the Navy shall submit to the congressional defense*  
15          *committees a report that includes each of the following:*

16               (1) *A detailed description of the surface warfare*  
17               *officer assessments process.*

18               (2) *A list of programs that have been approved*  
19               *for credit toward merchant mariner credentials.*

20               (3) *A complete gap analysis of the existing sur-*  
21               *face warfare training curriculum and STCW.*

22               (4) *A complete gap analysis of the existing sur-*  
23               *face warfare training curriculum and the 3rd mate*  
24               *unlimited licensing requirement.*

1           (5) *An assessment of surface warfare options to*  
 2           *complete the 3rd mate unlimited license and the*  
 3           *STCW qualification.*

4   **SEC. 334. REPORT ON OPTIMIZING SURFACE NAVY VESSEL**  
 5           **INSPECTIONS AND CREW CERTIFICATIONS.**

6           (a) *REPORT REQUIRED.*—*Not later than one year*  
 7           *after the date of the enactment of this Act, the Secretary*  
 8           *of the Navy shall submit to Congress a report on optimizing*  
 9           *surface Navy vessel inspections and crew certifications to*  
 10          *reduce the burden of inspection type visits that vessels un-*  
 11          *dergo. Such report shall include—*

12           (1) *an audit of all surface Navy vessel inspec-*  
 13           *tions, certifications, and required and recommended*  
 14           *assist visits;*

15           (2) *an analysis of such inspections, certifi-*  
 16           *cations, and visits for redundancies, as well as any*  
 17           *necessary items not covered;*

18           (3) *recommendations to streamline surface vessel*  
 19           *inspections, certifications, and required and rec-*  
 20           *ommended assist visits to optimize effectiveness, im-*  
 21           *prove material readiness, and restore training readi-*  
 22           *ness; and*

23           (4) *recommendations for congressional action to*  
 24           *address the needs of the Navy as identified in the re-*  
 25           *port.*

1       (b) *CONGRESSIONAL BRIEFING*.—Not later than Janu-  
 2   ary 31, 2019, the Secretary of the Navy shall provide to  
 3   the Senate Committee on Armed Services and the House  
 4   Committee on Armed Services an interim briefing on the  
 5   matters to be included in the report required by subsection  
 6   (a).

## 7                   ***Subtitle E—Other Matters***

### 8   ***SEC. 341. COAST GUARD REPRESENTATION ON EXPLOSIVE*** 9                   ***SAFETY BOARD.***

10       Section 172(a) of title 10, United States Code, is  
 11   amended—

12               (1) by striking “and Marine Corps” and insert-  
 13       ing “Marine Corps, and Coast Guard”; and

14               (2) by adding at the end the following new sen-  
 15       tence: “When the Coast Guard is not operating as a  
 16       service in the Department of the Navy, the Secretary  
 17       of Homeland Security shall appoint an officer of the  
 18       Coast Guard to serve as a voting member of the  
 19       board.”.

### 20   ***SEC. 342. SHILOH NATIONAL MILITARY PARK BOUNDARY*** 21                   ***ADJUSTMENT AND PARKER’S CROSSROADS*** 22                   ***BATTLEFIELD DESIGNATION.***

23       (a) *AREAS TO BE ADDED TO SHILOH NATIONAL MILI-*  
 24   *TARY PARK.*—

(1) *ADDITIONAL AREAS.*—*The boundary of Shiloh National Military Park is modified to include the areas that are generally depicted on the map entitled “Shiloh National Military Park, Proposed Boundary Adjustment”, numbered 304/80,011, and dated July 2014, as follows:*

(A) *Fallen Timbers Battlefield.*

(B) *Russell House Battlefield.*

(C) *Davis Bridge Battlefield.*

(2) *ACQUISITION AUTHORITY.*—*The Secretary may acquire lands described in paragraph (1) by donation, purchase from willing sellers with donated or appropriated funds, or exchange.*

(3) *ADMINISTRATION.*—*Any lands acquired under this section shall be administered as part of the Park.*

(b) *ESTABLISHMENT OF AFFILIATED AREA.*—

(1) *IN GENERAL.*—*Parker’s Crossroads Battlefield in the State of Tennessee is hereby established as an affiliated area of the National Park System.*

(2) *DESCRIPTION.*—*The affiliated area shall consist of the area generally depicted within the “Proposed Boundary” on the map entitled “Parker’s Crossroads Battlefield, Proposed Boundary”, numbered 903/80,073, and dated July 2014.*

1           (3) *ADMINISTRATION.*—*The affiliated area shall*  
2           *be managed in accordance with this section and all*  
3           *laws generally applicable to units of the National*  
4           *Park System.*

5           (4) *MANAGEMENT ENTITY.*—*The City of Parkers*  
6           *Crossroads and the Tennessee Historical Commission*  
7           *shall jointly be the management entity for the affili-*  
8           *ated area.*

9           (5) *COOPERATIVE AGREEMENTS.*—*The Secretary*  
10          *may provide technical assistance and enter into coop-*  
11          *erative agreements with the management entity for*  
12          *the purpose of providing financial assistance with*  
13          *marketing, marking, interpretation, and preservation*  
14          *of the affiliated area.*

15          (6) *LIMITED ROLE OF THE SECRETARY.*—*Noth-*  
16          *ing in this section authorizes the Secretary to acquire*  
17          *property at the affiliated area or to assume overall fi-*  
18          *nancial responsibility for the operation, maintenance,*  
19          *or management of the affiliated area.*

20          (7) *GENERAL MANAGEMENT PLAN.*—

21                 (A) *IN GENERAL.*—*The Secretary, in con-*  
22                 *sultation with the management entity, shall de-*  
23                 *velop a general management plan for the affili-*  
24                 *ated area. The plan shall be prepared in accord-*

1           *ance with section 100502 of title 54, United*  
2           *States Code.*

3                   *(B) TRANSMITTAL.—Not later than 3 years*  
4           *after the date that funds are made available for*  
5           *this section, the Secretary shall provide a copy*  
6           *of the completed general management plan to the*  
7           *Committee on Natural Resources of the House of*  
8           *Representatives and the Committee on Energy*  
9           *and Natural Resources of the Senate.*

10          *(c) PRIVATE PROPERTY PROTECTION.—*

11                   *(1) NO USE OF CONDEMNATION.—The Secretary*  
12           *may not acquire by condemnation any land or inter-*  
13           *ests in land under this section or for the purposes of*  
14           *this section.*

15                   *(2) WRITTEN CONSENT OF OWNER.—No non-Fed-*  
16           *eral property may be included in the Shiloh National*  
17           *Military Park without the written consent of the*  
18           *owner.*

19                   *(3) NO BUFFER ZONE CREATED.—Nothing in*  
20           *this section, the establishment of the Shiloh National*  
21           *Military Park, or the management plan for the Shi-*  
22           *loh National Military Park shall be construed to cre-*  
23           *ate buffer zones outside of the Park. That activities or*  
24           *uses can be seen, heard, or detected from areas within*  
25           *the Shiloh National Military Park shall not preclude,*

1        *limit, control, regulate, or determine the conduct or*  
 2        *management of activities or uses outside of the Park.*

3        *(d) DEFINITIONS.—In this section:*

4            *(1) The term “affiliated area” means the Park-*  
 5        *er’s Crossroads Battlefield established as an affiliated*  
 6        *area of the National Park System under subsection*  
 7        *(b).*

8            *(2) The term “Park” means Shiloh National*  
 9        *Military Park, a unit of the National Park System.*

10          *(3) The term “Secretary” means the Secretary of*  
 11        *the Interior.*

12    **SEC. 343. SENSE OF CONGRESS REGARDING CRITICAL MIN-**  
 13                            **ERALS.**

14        *It is the sense of Congress that the final composition*  
 15        *of the critical minerals list, as ordered by Executive Order*  
 16        *13817, should include aggregates, copper, molybendum,*  
 17        *gold, zinc, nickel, lead, silver, and certain fertilizer com-*  
 18        *pounds in addition to the 35 minerals included in the draft*  
 19        *list, as published on February 16, 2018, for public com-*  
 20        *ment.*

1 ***TITLE IV—MILITARY PERSONNEL***  
 2 ***AUTHORIZATIONS***

3 ***Subtitle A—Active Forces***

4 ***SEC. 401. END STRENGTHS FOR ACTIVE FORCES.***

5 *The Armed Forces are authorized strengths for active*  
 6 *duty personnel as of September 30, 2019, as follows:*

7 *(1) The Army, 487,500.*

8 *(2) The Navy, 335,400.*

9 *(3) The Marine Corps, 186,100.*

10 *(4) The Air Force, 329,100.*

11 ***SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END***  
 12 ***STRENGTH MINIMUM LEVELS.***

13 *Section 691(b) of title 10, United States Code, is*  
 14 *amended by striking paragraphs (1) through (4) and insert-*  
 15 *ing the following new paragraphs:*

16 *“(1) For the Army, 487,500.*

17 *“(2) For the Navy, 335,400.*

18 *“(3) For the Marine Corps, 186,100.*

19 *“(4) For the Air Force, 329,100.”.*

20 ***Subtitle B—Reserve Forces***

21 ***SEC. 411 . END STRENGTHS FOR SELECTED RESERVE.***

22 *(a) IN GENERAL.—The Armed Forces are authorized*  
 23 *strengths for Selected Reserve personnel of the reserve com-*  
 24 *ponents as of September 30, 2019, as follows:*



1           (1) *The Army National Guard of the United*  
2       *States, 343,500.*

3           (2) *The Army Reserve, 199,500.*

4           (3) *The Navy Reserve, 59,100.*

5           (4) *The Marine Corps Reserve, 38,500.*

6           (5) *The Air National Guard of the United*  
7       *States, 107,100.*

8           (6) *The Air Force Reserve, 70,000.*

9           (7) *The Coast Guard Reserve, 7,000.*

10       (b) *END STRENGTH REDUCTIONS.—The end strengths*  
11 *prescribed by subsection (a) for the Selected Reserve of any*  
12 *reserve component shall be proportionately reduced by—*

13           (1) *the total authorized strength of units orga-*  
14 *nized to serve as units of the Selected Reserve of such*  
15 *component which are on active duty (other than for*  
16 *training) at the end of the fiscal year; and*

17           (2) *the total number of individual members not*  
18 *in units organized to serve as units of the Selected*  
19 *Reserve of such component who are on active duty*  
20 *(other than for training or for unsatisfactory partici-*  
21 *pation in training) without their consent at the end*  
22 *of the fiscal year.*

23       (c) *END STRENGTH INCREASES.—Whenever units or*  
24 *individual members of the Selected Reserve of any reserve*  
25 *component are released from active duty during any fiscal*

1 *year, the end strength prescribed for such fiscal year for*  
 2 *the Selected Reserve of such reserve component shall be in-*  
 3 *creased proportionately by the total authorized strengths of*  
 4 *such units and by the total number of such individual mem-*  
 5 *bers.*

6 **SEC. 412 . END STRENGTHS FOR RESERVES ON ACTIVE**  
 7 **DUTY IN SUPPORT OF THE RESERVES.**

8 *Within the end strengths prescribed in section 411(a),*  
 9 *the reserve components of the Armed Forces are authorized,*  
 10 *as of September 30, 2019, the following number of Reserves*  
 11 *to be serving on full-time active duty or full-time duty, in*  
 12 *the case of members of the National Guard, for the purpose*  
 13 *of organizing, administering, recruiting, instructing, or*  
 14 *training the reserve components:*

15 *(1) The Army National Guard of the United*  
 16 *States, 30,595.*

17 *(2) The Army Reserve, 16,386.*

18 *(3) The Navy Reserve, 10,110.*

19 *(4) The Marine Corps Reserve, 2,261.*

20 *(5) The Air National Guard of the United*  
 21 *States, 19,861.*

22 *(6) The Air Force Reserve, 3,849.*

1 **SEC. 413 . END STRENGTHS FOR MILITARY TECHNICIANS**  
2 **(DUAL STATUS).**

3 *The minimum number of military technicians (dual*  
4 *status) as of the last day of fiscal year 2019 for the reserve*  
5 *components of the Army and the Air Force (notwith-*  
6 *standing section 129 of title 10, United States Code) shall*  
7 *be the following:*

8 (1) *For the Army National Guard of the United*  
9 *States, 22,294.*

10 (2) *For the Army Reserve, 6,492.*

11 (3) *For the Air National Guard of the United*  
12 *States, 18,969.*

13 (4) *For the Air Force Reserve, 8,880.*

14 **SEC. 414 . MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**  
15 **THORIZED TO BE ON ACTIVE DUTY FOR**  
16 **OPERATIONAL SUPPORT.**

17 *During fiscal year 2019, the maximum number of*  
18 *members of the reserve components of the Armed Forces who*  
19 *may be serving at any time on full-time operational sup-*  
20 *port duty under section 115(b) of title 10, United States*  
21 *Code, is the following:*

22 (1) *The Army National Guard of the United*  
23 *States, 17,000.*

24 (2) *The Army Reserve, 13,000.*

25 (3) *The Navy Reserve, 6,200.*

26 (4) *The Marine Corps Reserve, 3,000.*

1           (5) *The Air National Guard of the United*  
2       *States, 16,000.*

3           (6) *The Air Force Reserve, 14,000.*

4           ***Subtitle C—Authorization of***  
5           ***Appropriations***

6       ***SEC. 421 . MILITARY PERSONNEL.***

7           (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
8       *hereby authorized to be appropriated for fiscal year 2019*  
9       *for the use of the Armed Forces and other activities and*  
10      *agencies of the Department of Defense for expenses, not oth-*  
11      *erwise provided for, for military personnel, as specified in*  
12      *the funding table in section 4401.*

13          (b) *CONSTRUCTION OF AUTHORIZATION.—The author-*  
14      *ization of appropriations in subsection (a) supersedes any*  
15      *other authorization of appropriations (definite or indefi-*  
16      *nite) for such purpose for fiscal year 2019.*

1 ***TITLE V—MILITARY PERSONNEL***  
 2 ***POLICY***  
 3 ***Subtitle A—Regular Component***  
 4 ***Management***

5 ***SEC. 501. EXPANSION OF AUTHORITY TO AWARD CON-***  
 6 ***STRUCTIVE SERVICE CREDIT FOR ADVANCED***  
 7 ***EDUCATION, EXPERIENCE, OR TRAINING,***  
 8 ***UPON ORIGINAL APPOINTMENT AS A COMMIS-***  
 9 ***SIONED OFFICER.***

10 (a) *ACTIVE-DUTY LIST APPOINTMENTS.*—*Section*  
 11 *533(g) of title 10, United States Code, is amended—*

12 (1) *in paragraph (1)—*

13 (A) *in the matter preceding subparagraph*

14 (A)—

15 (i) *by striking “with cyberspace-related*  
 16 *experience or advanced education” and in-*  
 17 *serting “with advanced education, special*  
 18 *experience, or special training in a des-*  
 19 *ignated field”; and*

20 (ii) *by striking “critically”;*

21 (B) *in subparagraph (A)—*

22 (i) *by striking “in a particular cyber-*  
 23 *space-related field” and inserting “in such*  
 24 *designated field”; and*

25 (ii) *by striking “operational”; and*

1                   (C) in subparagraph (B)—

2                   (i) by striking “in a cyberspace-related  
3                   field” and inserting “in such designated  
4                   field”; and

5                   (ii) by striking “operational”;

6                   (2) by striking paragraph (2) and inserting the  
7                   following:

8                   “(2) The amount of constructive service credited an of-  
9                   ficer under this subsection may not exceed the amount re-  
10                  quired for the officer to be eligible for an original appoint-  
11                  ment in the grade of—

12                  “(A) colonel in the Army, Air Force, or Marine  
13                  Corps; or

14                  “(B) captain in the Navy.”; and

15                  (3) by striking paragraph (4) and inserting the  
16                  following new paragraph:

17                  “(4) In this subsection, the term ‘designated field’ in-  
18                  cludes the following:

19                         “(A) Cyberspace.

20                         “(B) Any scientific or technical field designated  
21                         by the Secretary of Defense.

22                         “(C) Any other field designated by the Secretary  
23                         of Defense as a field—

24                                 “(i) that requires a high level of skill; and

1                   “(ii) that an insufficient number of officers  
2                   possess in the military department concerned.”.

3           (b) *RESERVE ACTIVE-STATUS LIST APPOINTMENTS.*—

4   *Section 12207 of such title is amended—*

5                   (1) in subsection (a)(2), by striking “subsection  
6                   (b) or (e)” and inserting “subsection (b), (e), or (g)”;

7                   (2) in subsection (f), by striking “or (e)” and in-  
8                   serting “(e), or (g)”;

9                   (3) by redesignating subsection (g) as subsection  
10                  (h); and

11                  (4) by inserting after subsection (f) the following  
12                  new subsection (g):

13                  “(g)(1) Under regulations prescribed by the Secretary  
14                  of Defense, if the Secretary of a military department deter-  
15                  mines that the number of commissioned officers serving on  
16                  the reserve active-status list in an armed force under the  
17                  jurisdiction of such Secretary with advanced education, spe-  
18                  cial experience, or special training in a designated field is  
19                  below the number needed, such Secretary may credit any  
20                  person receiving an original appointment with a period of  
21                  constructive service for the following:

22                         “(A) Any period of advanced education in such  
23                         designated field beyond the baccalaureate degree level  
24                         if such advanced education is directly related to the  
25                         needs of the armed force concerned.

1           “(B) *Special experience or special training in*  
2           *such designated field if such experience or training is*  
3           *directly related to the needs of the armed force con-*  
4           *cerned.*

5           “(2) *The amount of constructive service credited an of-*  
6           *ficer under this subsection may not exceed the amount re-*  
7           *quired for the officer to be eligible for an original appoint-*  
8           *ment in the grade of—*

9           “(A) *colonel in the Army, Air Force, or Marine*  
10          *Corps; or*

11          “(B) *captain in the Navy.*

12          “(3) *Constructive service credited an officer under this*  
13          *subsection is in addition to any service credited that officer*  
14          *under subsection (a) and shall be credited at the time of*  
15          *the original appointment of the officer.*

16          “(4) *In this subsection, the term ‘designated field’*  
17          *means any of the following:*

18                 “(A) *Cyberspace.*

19                 “(B) *Any scientific or technical field designated*  
20                 *by the Secretary of Defense.*

21                 “(C) *Any other field designated by the Secretary*  
22                 *of Defense as a field—*

23                         “(i) *that requires a high level of skill; and*

24                         “(ii) *that an insufficient number of officers*  
25                         *possess in the military department concerned.”.*



1 **SEC. 502. SURFACE WARFARE OFFICERS CAREER PATHS.**

2 (a) *IN GENERAL.*—Chapter 602 of title 10, United  
3 States Code, is amended by adding at the end the following  
4 new section:

5 **“§ 6933. Surface warfare officers: career paths**

6 “Any naval officer who is commissioned as a surface  
7 warfare officer on or after January 1, 2021, shall be as-  
8 signed to one of the following career paths:

9 “(1) Ship engineering systems.

10 “(2) Ship operations and combat systems.”.

11 (b) *CLERICAL AMENDMENT.*—The table of sections at  
12 the beginning of such chapter is amended by adding at the  
13 end the following new item:

“6933. Surface warfare officers: career paths.”.

14 **SEC. 503. AUTHORITY OF SELECTION BOARDS TO REC-**  
15 **COMMEND OFFICERS OF PARTICULAR MERIT**  
16 **BE PLACED AT THE TOP OF THE PROMOTION**  
17 **LIST.**

18 (a) *RECOMMENDATION BY SELECTION BOARD.*—Sec-  
19 tion 616 of title 10, United States Code, is amended by add-  
20 ing at the end the following new subsection (g):

21 “(g)(1) A selection board may recommend an officer  
22 of particular merit from among officers recommended for  
23 promotion under subsection (a) to be placed at the top of  
24 a promotion list established by the Secretary of the military  
25 department concerned under section 624(a)(1) of this title.

1       “(2) *A selection board may make a recommendation*  
 2 *under this subsection only if such recommendation is ap-*  
 3 *propriate in the opinion of a majority of the members of*  
 4 *the selection board.*

5       “(3) *A selection board may make recommendations*  
 6 *under this subsection for no more than the number equal*  
 7 *to 20 percent of the maximum number of officers that the*  
 8 *board is authorized to recommend for promotion. If the*  
 9 *number determined under this paragraph is less than one,*  
 10 *the board may recommend one such officer.*

11       “(4) *A selection board that recommends under this sub-*  
 12 *section that more than one officer be placed at the top of*  
 13 *a promotion list shall recommend the order in which such*  
 14 *officers should be promoted.”.*

15       (b) *ACTION BY SECRETARY CONCERNED ON REC-*  
 16 *OMMENDATION OF SELECTION BOARD.*—Section 618(a) of  
 17 *such title is amended—*

18               (1) *by striking “to law or regulation or to guide-*  
 19 *lines” and inserting “to law, regulation, or guide-*  
 20 *lines” each place it appears;*

21               (2) *by inserting “or, in the case of a rec-*  
 22 *ommendation under section 616(g) of this title, the*  
 23 *determination of the Secretary concerned” after “sec-*  
 24 *tion 615(b) of this title” each place it appears; and*

1           (3) in paragraph (2), by striking “law, regula-  
 2           tion, and such guidelines” and inserting “law, regula-  
 3           tion, such guidelines, and the determination of the  
 4           Secretary concerned,”.

5           (c) *PRIORITY IN PROMOTION LIST*.—Section 624(a)(1)  
 6 of such title is amended by inserting “, subject to section  
 7 616(g) of this title” after “active-duty list”.

8   **SEC. 504. DEFERRED DEPLOYMENT FOR MEMBERS WHO**  
 9                           **GIVE BIRTH.**

10          Section 701 of title 10, United States Code, is amended  
 11 by adding at the end the following new subsection:

12          “(l) A member of the armed forces who gives birth  
 13 while on active duty may not be deployed during the period  
 14 of 12 months beginning on the date of such birth except—

15               “(1) at the election of such member; and

16               “(2) with the approval of a health care provider  
 17 employed at a military medical treatment facility.”.

18   **SEC. 505. CODIFICATION OF LOWERED GRADE FOR RE-**  
 19                           **TIRED OFFICERS OR PERSONS WHO COM-**  
 20                           **MITTED MISCONDUCT IN A LOWER GRADE.**

21          (a) *IN GENERAL*.—Subsection (b) of section 1370 of  
 22 title 10, United States Code, is amended—

23               (1) in the heading, by striking “NEXT”;

24               (2) by striking “An” and inserting “(1) An”;

25          and

1           (3) by adding at the end the following new para-  
2       graph:

3       “(2) In the case of an officer or person whom the Sec-  
4       retary concerned determines committed misconduct in a  
5       lower grade, the Secretary concerned may determine the of-  
6       ficer or person has not served satisfactorily in any grade  
7       equal to or higher than that lower grade.”.

8       (b) CONFORMING AMENDMENTS.—Such section is  
9       amended—

10           (1) in subsection (a)(1)—

11               (A) by striking “higher” and inserting “dif-  
12       ferent”; and

13               (B) by striking “except as provided in  
14       paragraph (2)” and inserting “subject to para-  
15       graph (2) and subsection (b)”;

16           (2) in subsection (c)(1), by striking “An officer”  
17       and inserting “Subject to subsection (b), an officer”;  
18       and

19           (3) in subsection (d)(1)—

20               (A) by striking “higher” each place it ap-  
21       pears and inserting “different”; and

22               (B) by inserting “, subject to subsection  
23       (b),” before “shall”.

1 **SEC. 506. RETENTION OF MILITARY TECHNICIANS WHO**  
 2 **LOSE DUAL STATUS UNDER CERTAIN CIR-**  
 3 **CUMSTANCES.**

4 *Section 10216(g) of title 10, United States Code, is*  
 5 *amended—*

6 *(1) in paragraph (1), by striking “as the result*  
 7 *of a combat-related disability (as defined in section*  
 8 *1413a of this title), the person may be retained” and*  
 9 *inserting “for any reason other than a disqualifica-*  
 10 *tion described in subparagraph (B), the Secretary*  
 11 *shall appoint that person to a position under section*  
 12 *3101 of title 5, in accordance with section 2102(a) of*  
 13 *that title,”;*

14 *(2) in paragraph (1)(A), by striking “the com-*  
 15 *bat-related”;* and

16 *(3) by striking paragraph (3).*

17 ***Subtitle B—Reserve Component***  
 18 ***Management***

19 **SEC. 511. PLACEMENT OF NATIONAL GUARD MILITARY**  
 20 **TECHNICIANS (DUAL STATUS) IN THE COM-**  
 21 **PETITIVE SERVICE.**

22 *Section 10508 of title 10, United States Code, is*  
 23 *amended—*

24 *(1) in subsection (b)(1), by striking “sections*  
 25 *2103” and inserting “sections 2102”;* and

26 *(2) by adding at the end the following:*

1       “(c) *TREATMENT OF MILITARY TECHNICIAN (DUAL*  
2 *STATUS).*—

3               “(1) *PRIOR CONVERSIONS.*—*Not later than 30*  
4 *days after the date of enactment of this subsection, the*  
5 *Chief of the National Guard Bureau shall convert any*  
6 *military technician (dual status) occupying a posi-*  
7 *tion in the excepted service to a position in the com-*  
8 *petitive service. For purposes of this paragraph, the*  
9 *term ‘military technician (dual status)’ means any*  
10 *military technician (dual status) of the National*  
11 *Guard of any State, the Commonwealth of Puerto*  
12 *Rico, the District of Columbia, Guam, or the Virgin*  
13 *Islands who, before the date of enactment of this sub-*  
14 *section, was converted to a position in the excepted*  
15 *service by operation of this section and section 1053*  
16 *of the National Defense Authorization Act for Fiscal*  
17 *Year 2016 (Public Law 114–92; 129 Stat. 981; 10*  
18 *U.S.C. 10216 note).*

19               “(2) *FUTURE CONVERSIONS.*—*Any military tech-*  
20 *nician (dual status) of the National Guard of any*  
21 *State, the Commonwealth of Puerto Rico, the District*  
22 *of Columbia, Guam, or the Virgin Islands converted*  
23 *under this section and such section 1053 after the*  
24 *date of enactment of this subsection to a position*  
25 *filled by individuals who are employed under section*

1       3101 of title 5 shall be converted to a position in the  
2       competitive service.

3               “(3) *DEFINITIONS.*—*In this subsection—*

4                       “(A) the term ‘competitive service’ has the  
5                       meaning given that term in section 2102 of title  
6                       5; and

7                       “(B) the term ‘excepted service’ has the  
8                       meaning given that term in section 2103 of such  
9                       title.”.

10   **SEC. 512. AUTHORIZED STRENGTH AND DISTRIBUTION IN**  
11               **GRADE.**

12       (a) *STRENGTH AND GRADE AUTHORIZATIONS.*—*Sec-*  
13       *tion 12011(a) of title 10, United States Code is amended*  
14       *by striking those parts of the table pertaining to the Air*  
15       *National Guard and inserting the following:*

“*Air National Guard:*

	<i>Major</i>	<i>Lieutenant Colonel</i>	<i>Colonel</i>
<i>10,000 .....</i>	<i>763</i>	<i>745</i>	<i>333</i>
<i>12,000 .....</i>	<i>915</i>	<i>923</i>	<i>377</i>
<i>14,000 .....</i>	<i>1,065</i>	<i>1,057</i>	<i>402</i>
<i>16,000 .....</i>	<i>1,211</i>	<i>1,185</i>	<i>426</i>
<i>18,000 .....</i>	<i>1,347</i>	<i>1,313</i>	<i>450</i>
<i>20,000 .....</i>	<i>1,463</i>	<i>1,440</i>	<i>468</i>
<i>22,000 .....</i>	<i>1,606</i>	<i>1,569</i>	<i>494</i>
<i>24,000 .....</i>	<i>1,739</i>	<i>1,697</i>	<i>517</i>
<i>26,000 .....</i>	<i>1,872</i>	<i>1,825</i>	<i>539</i>
<i>28,000 .....</i>	<i>2,005</i>	<i>1,954</i>	<i>562</i>
<i>30,000 .....</i>	<i>2,138</i>	<i>2,082</i>	<i>585</i>
<i>32,000 .....</i>	<i>2,271</i>	<i>2,210</i>	<i>608</i>
<i>34,000 .....</i>	<i>2,404</i>	<i>2,338</i>	<i>630</i>
<i>36,000 .....</i>	<i>2,537</i>	<i>2,466</i>	<i>653</i>
<i>38,000 .....</i>	<i>2,670</i>	<i>2,595</i>	<i>676</i>
<i>40,000 .....</i>	<i>2,803</i>	<i>2,723</i>	<i>698”.</i>

(b) *STRENGTH AND GRADE AUTHORIZATIONS.*—Section 12012(a) of title 10, United States Code is amended by striking those parts of the table pertaining to the Air National Guard and inserting the following:

“Air National Guard:

	<i>E-8</i>	<i>E-9</i>
10,000 .....	1,350	550
12,000 .....	1,466	594
14,000 .....	1,582	636
16,000 .....	1,698	676
18,000 .....	1,814	714
20,000 .....	1,930	752
22,000 .....	2,046	790
24,000 .....	2,162	828
26,000 .....	2,278	866
28,000 .....	2,394	904
30,000 .....	2,510	942
32,000 .....	2,626	980
34,000 .....	2,742	1,018
36,000 .....	2,858	1,056
38,000 .....	2,974	1,094
40,000 .....	3,090	1,132”.

**SEC. 513. NATIONAL GUARD PROMOTION ACCOUNTABILITY.**

(a) *SHORT TITLE.*—This section may be cited as the “National Guard Promotion Accountability Act”.

(b) *DATE OF RANK OF COMMISSIONED NATIONAL GUARD OFFICERS PROMOTED TO A HIGHER GRADE.*—

(1) *IN GENERAL.*—Section 14308(f) of title 10, United States Code, is amended—

(A) by inserting “(1)” before “The effective date”;

(B) in paragraph (1), as designated by subparagraph (A) of this paragraph, by striking “on which such Federal recognition in that grade



1           *is so extended” and inserting “of the approval of*  
 2           *the promotion of the officer to that grade by the*  
 3           *State concerned”; and*

4                     *(C) by adding at the end the following new*  
 5           *paragraph:*

6           “(2)(A) *Notwithstanding subsection (c)(1), the date of*  
 7           *rank in a higher grade of an officer whose effective date*  
 8           *of promotion to such grade is governed by paragraph (1)*  
 9           *shall be such effective date of promotion.*

10          “(B) *The specification of the date of rank of an officer*  
 11          *in a grade pursuant to subparagraph (A) shall be deemed*  
 12          *an adjustment of the date of rank of the officer to that grade*  
 13          *in the manner of section 741(d)(4) of this title, pursuant*  
 14          *to subsection (c)(2), to which section 741(d)(4)(C) of this*  
 15          *title shall apply, notwithstanding subsection (c)(3).”.*

16                 (2) *EFFECTIVE DATE.—The amendments made*  
 17                 *by paragraph (1) shall take effect on the date of the*  
 18                 *enactment of this Act, and shall apply with respect to*  
 19                 *National Guard officers whose promotion to a grade*  
 20                 *is approved by a State after that date.*

21                 (c) *NOTICE TO CONGRESS ON DELAY IN PUBLICATION*  
 22                 *OF SCROLLS INDICATING PROMOTION OF COMMISSIONED*  
 23                 *NATIONAL GUARD OFFICERS.—*

24                     (1) *NOTICE REQUIRED.—If at the end of the 200-*  
 25                     *day period beginning on the receipt by the Depart-*

1        *ment of the Army or the Department of the Air Force*  
2        *of a scroll indicating the promotion of commissioned*  
3        *officers in the Army National Guard or Air National*  
4        *Guard, as applicable, the scroll has not been pub-*  
5        *lished by the military department concerned, the Sec-*  
6        *retary of the Army or the Secretary of the Air Force,*  
7        *as the case may be, shall immediately notify the con-*  
8        *gressional defense committees, in writing, of the fol-*  
9        *lowing:*

10                *(A) The date on which the scroll was so re-*  
11                *ceived.*

12                *(B) A description of the processing of the*  
13                *scroll by the military department concerned as of*  
14                *the date of the report, including a statement of*  
15                *the length of time in processing at each stage in*  
16                *the process through that date.*

17                *(C) The reason why the scroll was not pub-*  
18                *lished within 200 days of receipt, and the in-*  
19                *tended remediation for the delay in publication.*

20                *(2) DEFINITIONS.—In this subsection:*

21                *(A) The term “congressional defense com-*  
22                *mittees” has the meaning given such term in sec-*  
23                *tion 101(a)(16) of title 10, United States Code.*

24                *(B) The term “scroll” has the meaning*  
25                *given that term in Department of Defense In-*

1           *struction 1310.02, and any successor instruction*  
 2           *or document.*

3   **SEC. 514. EXTENSION OF AUTHORITY FOR PILOT PROGRAM**  
 4           **ON USE OF RETIRED SENIOR ENLISTED MEM-**  
 5           **BERS OF THE ARMY NATIONAL GUARD AS**  
 6           **ARMY NATIONAL GUARD RECRUITERS.**

7           *Section 514 of the National Defense Authorization Act*  
 8   *for Fiscal Year 2018 (Public Law 115-91) is amended—*  
 9           *(1) in subsection (d), by striking “2020” and in-*  
 10          *serting “2021”; and*  
 11          *(2) in subsection (f), by striking “2019” and in-*  
 12          *serting “2020”.*

13   **Subtitle C—General Service Au-**  
 14          **thorities and Correction of Mili-**  
 15          **tary Records**

16   **SEC. 521. ENLISTMENTS VITAL TO THE NATIONAL INTER-**  
 17          **EST.**

18          *(a) IN GENERAL.—Section 504(b) of title 10, United*  
 19   *States Code, is amended—*  
 20          *(1) in paragraph (2)—*  
 21                  *(A) by inserting “and subject to paragraph*  
 22                  *(3),” after “Notwithstanding paragraph (1),”;*  
 23                  *(B) by striking “enlistment is vital to the*  
 24                  *national interest.” and inserting “person pos-*  
 25                  *sesses a skill or expertise—”; and*

1                   (C) by adding at the end the following new  
2                   subparagraphs:

3                   “(A) that is vital to the national interest; and

4                   “(B) that the person will use in daily duties as  
5                   a member of the armed forces.”; and

6                   (2) by adding at the end the following new para-  
7                   graph (3):

8                   “(3)(A) No person who enlists under paragraph (2)  
9                   may report to initial training until after the Secretary con-  
10                  cerned has completed all required background investigations  
11                  and security and suitability screening as determined by the  
12                  Secretary of Defense regarding that person.

13                  “(B) A Secretary concerned may not authorize more  
14                  than 1,000 enlistments under paragraph (2) per military  
15                  department in a calendar year until after—

16                  “(i) the Secretary of Defense submits to Congress  
17                  written notice of the intent of that Secretary con-  
18                  cerned to authorize more than 1,000 such enlistments  
19                  in a calendar year; and

20                  “(ii) a period of 30 days has elapsed after the  
21                  date on which Congress receives the notice.”.

22                  (b) REPORT.—

23                  (1) IN GENERAL.—Not later than December 31,  
24                  2019, and annually thereafter for each of the subse-  
25                  quent four years, the Secretary concerned shall submit

1        *a report to the Committees on Armed Services and the*  
 2        *Judiciary of the Senate and the House of Representa-*  
 3        *tives regarding persons who enter into enlistment con-*  
 4        *tracts under section 504(b)(2) of title 10, United*  
 5        *States Code, as amended by subsection (a).*

6            (2) *ELEMENTS.*—*Each report under this sub-*  
 7        *section shall include the following:*

8            (A) *The number of such persons who have*  
 9            *entered into such contracts during the preceding*  
 10        *calendar year.*

11          (B) *How many such persons have success-*  
 12        *fully completed background investigations and*  
 13        *vetting procedures.*

14          (C) *How many such persons have begun*  
 15        *initial training.*

16          (D) *The skills that are vital to the national*  
 17        *interest that such persons possess.*

18    **SEC. 522. STATEMENT OF BENEFITS.**

19        (a) *IN GENERAL.*—*Chapter 58 of title 10, United*  
 20        *States Code, is amended by adding at the end the following*  
 21        *new section:*

22    **“§ 1155. Statement of benefits**

23        “(a) *BEFORE SEPARATION.*—*Not later than 30 days*  
 24        *before a member retires, is released, is discharged, or other-*  
 25        *wise separates from the armed forces (or as soon as is prac-*

1 *licable in the case of an unanticipated separation), the Sec-*  
 2 *retary concerned shall provide that member with a current*  
 3 *assessment of all benefits to which that member is entitled*  
 4 *under laws administered by—*

5 *“(1) the Secretary of Defense; and*

6 *“(2) the Secretary of Veterans Affairs.*

7 *“(b) ANNUAL STATEMENT FOR RESERVES.—Not less*  
 8 *than once each year, the Secretary concerned shall provide*  
 9 *each member of a reserve component with a current assess-*  
 10 *ment of benefits described in subsection (a).”.*

11 *(b) CLERICAL AMENDMENT.—The table of sections at*  
 12 *the beginning of such chapter is amended by inserting after*  
 13 *the item relating to section 1154 the following new item:*  
*“1155. Statement of benefits.”.*

14 **SEC. 523. MODIFICATION TO FORMS OF SUPPORT THAT MAY**  
 15 **BE ACCEPTED IN SUPPORT OF THE MISSION**  
 16 **OF THE DEFENSE POW/MIA ACCOUNTING**  
 17 **AGENCY.**

18 *(a) PUBLIC-PRIVATE PARTNERSHIPS.—Subsection (a)*  
 19 *of section 1501a of title 10, United States Code, is amended*  
 20 *by adding at the end the following new sentence: “An em-*  
 21 *ployee of an entity outside the Government that has entered*  
 22 *into a public-private partnership, cooperative agreement, or*  
 23 *a grant arrangement with, or in direct support of, the des-*  
 24 *ignated Defense Agency under this section shall be consid-*  
 25 *ered to be an employee of the Federal Government by reason*

1 of participation in such partnership, cooperative agree-  
 2 ment, or grant, only for the purposes of section 552a of title  
 3 5 (relating to maintenance of records on individuals).”.

4 (b) *AUTHORITY TO ACCEPT GIFTS IN SUPPORT OF*  
 5 *MISSION TO ACCOUNT FOR MISSING PERSONS FROM PAST*  
 6 *CONFLICTS.*—Such section is further amended—

7 (1) by redesignating subsections (e) and (f) as  
 8 subsections (f) and (g), respectively;

9 (2) by inserting after subsection (d) the following  
 10 new subsection (e):

11 “(e) *ACCEPTANCE OF GIFTS.*—

12 “(1) *AUTHORITY TO ACCEPT.*—Subject to sub-  
 13 section (f)(2), the Secretary may accept, hold, admin-  
 14 ister, spend, and use any gift of personal property,  
 15 money, or services made on the condition that the gift  
 16 be used for the purpose of facilitating accounting for  
 17 missing persons pursuant to section 1501(a)(2)(C) of  
 18 this title.

19 “(2) *GIFT FUNDS.*—Gifts and bequests of money  
 20 accepted under this subsection shall be deposited in  
 21 the Treasury in the Department of Defense General  
 22 Gift Fund.

23 “(3) *USE OF GIFTS.*—Personal property and  
 24 money accepted under this subsection may be used by  
 25 the Secretary, and services accepted under this sub-

1        *section may be performed, without further specific au-*  
 2        *thorization in law.*

3            *“(4) EXPENSES OF TRANSFER.—The Secretary*  
 4        *may pay all necessary expenses in connection with*  
 5        *the conveyance or transfer of a gift accepted under*  
 6        *this subsection.*

7            *“(5) EXPENSES OF CARE.—The Secretary may*  
 8        *pay all reasonable and necessary expenses in connec-*  
 9        *tion with the care of a gift accepted under this sub-*  
 10       *section.”; and*

11           *(3) by adding at the end of subsection (g), as re-*  
 12        *designated by paragraph (1) of this subsection, the*  
 13        *following new paragraph:*

14           *“(3) GIFT.—The term ‘gift’ includes a devise or*  
 15        *bequest.”.*

16        *(c) CONFORMING AMENDMENT.—Subsection (a) of such*  
 17        *section is further amended by striking “subsection (e)(1)”*  
 18        *and inserting “subsection (f)(1)”.*

19        **SEC. 524. CORRECTION OF MILITARY RECORDS WEBSITE.**

20        *(a) IN GENERAL.—Section 1552(a)(5) of title 10,*  
 21        *United States Code, is amended by striking the second sen-*  
 22        *tence and inserting the following: “The Secretary shall also*  
 23        *publish on such website a summary of each such decision,*  
 24        *indexed by subject matter. The Secretary shall redact all*



1 *personally identifiable information from any such decision*  
 2 *and summary.”*

3 (b) *EFFECTIVE DATE.*—*The amendments made by this*  
 4 *section shall take effect on October 1, 2019.*

5 **SEC. 525. MODIFICATION OF DD FORM 214 TO INCLUDE**  
 6 **EMAIL ADDRESSES.**

7 (a) *IN GENERAL.*—*The Secretary of Defense shall mod-*  
 8 *ify the Certificate of Release or Discharge from Active Duty*  
 9 *(DD Form 214) by adding an entry block in which a mem-*  
 10 *ber of the Armed Forces may provide one or more email*  
 11 *addresses at which the member may be contacted after sepa-*  
 12 *ration from active duty in the Armed Forces.*

13 (b) *DEADLINE.*—*The Secretary shall carry out sub-*  
 14 *section (a) not later than one year after the date of the en-*  
 15 *actment of this Act.*

16 **SEC. 526. PUBLIC AVAILABILITY OF REPORTS RELATED TO**  
 17 **SENIOR LEADER MISCONDUCT.**

18 (a) *ESTABLISHMENT OF WEBSITE.*—*The Secretary of*  
 19 *Defense and each Secretary of a military department shall*  
 20 *make available on a public website of the Department of*  
 21 *Defense all reports on substantiated investigations of mis-*  
 22 *conduct completed by the Inspectors General of the Depart-*  
 23 *ment and each military department regarding—*

24 (1) *an officer in the grade of O-7 or higher;*

1           (2) *an officer selected for promotion to grade O-*  
 2       *7; or*

3           (3) *a civilian member of the Senior Executive*  
 4       *Service.*

5       (b) *PUBLISHED REPORTS.*—*Each report under sub-*  
 6       *section (a) shall be—*

7           (1) *properly redacted;*

8           (2) *segregated from documents regarding ongoing*  
 9       *investigations (including announcements);*

10          (3) *labelled with the name of subject of the inves-*  
 11       *tigation; and*

12          (4) *searchable by the name of subject of the in-*  
 13       *vestigation.*

14       (c) *DEADLINE.*—*The Secretary shall carry out this sec-*  
 15       *tion not later than 90 days after the enactment of this Act.*

16       **SEC. 527. APPOINTMENT AND TRAINING OF PERSONNEL TO**  
 17                       **STAFF THE BOARD OF CORRECTIONS FOR**  
 18                       **MILITARY AND NAVAL RECORDS.**

19       (a) *IN GENERAL.*—*The Secretary of Defense, in con-*  
 20       *sultation with the Service Secretaries and Joint Chiefs,*  
 21       *shall provide for the appointment and training of qualified*  
 22       *personnel to join the staff of the Boards of Corrections for*  
 23       *Military and Naval Records.*

24       (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 25       *authorized to be appropriated for the Department of Defense*

1 a total of \$3,000,000.00, in order to carry out the training  
 2 required by subsection (a) and to provide related equipment  
 3 and accommodations.

## 4 ***Subtitle D—Military Justice***

### 5 ***SEC. 531. MINIMUM CONFINEMENT PERIOD REQUIRED FOR*** 6 ***CONVICTION OF CERTAIN SEX-RELATED OF-*** 7 ***FENSES COMMITTED BY MEMBERS OF THE*** 8 ***ARMED FORCES.***

9 Section 856(b)(1) of title 10, United States Code (arti-  
 10 cle 56(b)(1) of the Uniform Code of Military Justice), is  
 11 amended by striking “such punishment must include, at a  
 12 minimum, dismissal or dishonorable discharge, except as  
 13 provided for in section 860 of this title (article 60)” and  
 14 inserting “except as provided for in section 860 of this title  
 15 (article 60), such punishment must include, at a min-  
 16 imum—”

17 “(A) dismissal or dishonorable discharge; and

18 “(B) confinement for two years.”.

### 19 ***SEC. 532. PUNITIVE ARTICLE IN THE UNIFORM CODE OF*** 20 ***MILITARY JUSTICE ON DOMESTIC VIOLENCE.***

21 (a) *IN GENERAL.*—Subchapter X of chapter 47 of title  
 22 10, United States Code (the Uniform Code of Military Jus-  
 23 tice), is amended by inserting after the item relating to sec-  
 24 tion 928 (article 128) the following new section (article):

1 **“§ 928a. Art 128a. Domestic violence**

2 “(a) *DOMESTIC VIOLENCE.*—Any person subject to this  
3 chapter who, unlawfully and with force or violence, at-  
4 tempts, offers to, or does intimidate, manipulate, humiliate,  
5 isolate, frighten, terrorize, coerce, threaten, blame, hurt, in-  
6 jure, or wound another person of whom the person is an  
7 intimate partner is guilty of domestic violence and shall  
8 be punished as a court-martial may direct.

9 “(b) *AGGRAVATED DOMESTIC VIOLENCE.*—Any person  
10 subject to this chapter who, in committing domestic vio-  
11 lence, uses a weapon, means, or force in a manner likely  
12 to produce death or grievous bodily harm is guilty of aggra-  
13 vated domestic violence and shall be punished as a court-  
14 martial may direct.”.

15 (b) *CLERICAL AMENDMENT.*—The table of sections at  
16 the beginning of subchapter X of chapter 47 of such title  
17 is amended by inserting after the item relating to section  
18 928 (article 128) the following new item:

“928a. 128a. Domestic violence.”.

19 **SEC. 533. DEFENSE ADVISORY COMMITTEE ON INVESTIGA-**  
20 **TION, PROSECUTION, AND DEFENSE OF SEX-**  
21 **UAL ASSAULT IN THE ARMED FORCES.**

22 Section 546(c)(2) of the Carl Levin and Howard P.  
23 “Buck” McKeon National Defense Authorization Act for  
24 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 1561  
25 note) is amended by adding at the end the following new

1 sentence: “After a majority vote by the Advisory Committee  
 2 and upon request of the Chair of the Advisory Committee,  
 3 the Secretary of Defense shall provide to the Advisory Com-  
 4 mittee information the Secretary determines is relevant to  
 5 the scope and mission of the Advisory Committee under this  
 6 section.”.

7 **SEC. 534. MODIFICATION OF MILITARY RULES OF EVIDENCE**  
 8 **TO EXCLUDE ADMISSIBILITY OF GENERAL**  
 9 **MILITARY CHARACTER TOWARD PROBABILITY**  
 10 **OF INNOCENCE IN ANY OFFENSE NOT**  
 11 **STRICTLY RELATED TO PERFORMANCE OF**  
 12 **MILITARY DUTIES.**

13 (a) *IN GENERAL.*—Not later than 180 days after the  
 14 date of the enactment of this Act, Rule 404(a) of the Mili-  
 15 tary Rules of Evidence shall be amended to provide that  
 16 the general military character of an accused is not admis-  
 17 sible for the purpose of showing the probability of innocence  
 18 of the accused for any offense under chapter 47 of title 10,  
 19 United States Code (the Uniform Code of Military Justice),  
 20 unless such offense is strictly and solely related to the per-  
 21 formance of military duties.

22 (b) *SPECIFICATION OF OFFENSES FOR WHICH ADMIS-*  
 23 *SIBILITY ALLOWED.*—

24 (1) *IN GENERAL.*—Each Secretary concerned  
 25 shall specify, and may from time to time modify, the

1        *offenses under chapter 47 of title 10, United States*  
 2        *Code, for which the military character of members of*  
 3        *the Armed Forces under the jurisdiction of such Sec-*  
 4        *retary is admissible pursuant to subsection (a) as a*  
 5        *result of such offense being strictly and solely related*  
 6        *to the performance of military duties.*

7            (2) *APPROVAL OF PRESIDENT REQUIRED.—The*  
 8        *specification of an offense pursuant to paragraph (1),*  
 9        *and any modification of such specification, shall not*  
 10       *be effective unless approved by the President.*

11           (3) *SECRETARY CONCERNED DEFINED.—In this*  
 12        *subsection, the term “Secretary concerned” has the*  
 13        *meaning given that term in section 101(a)(9) of title*  
 14        *10, United States Code.*

15    **SEC. 535. IMPROVED CRIME REPORTING.**

16        (a) *IN GENERAL.—The Secretary of Defense, in con-*  
 17        *sultation with the secretaries of the military departments,*  
 18        *shall establish a consolidated tracking process for the entire*  
 19        *Department of Defense to ensure increased oversight of the*  
 20        *timely submission of crime reporting data to the Federal*  
 21        *Bureau of Investigation under section 922(g) of title 18,*  
 22        *United States Code, and Department of Defense Instruction*  
 23        *5505.11, “Fingerprint Card and Final Disposition Report*  
 24        *Submission Requirements”. The tracking process shall, to*  
 25        *the maximum extent possible, standardize and automate re-*

1 *porting and increase the ability of the Department to track*  
 2 *such submissions.*

3 *(b) REPORT REQUIRED.—Not later than July 1, 2019,*  
 4 *the Secretary of Defense shall submit a report to the Com-*  
 5 *mittees on Armed Services of the Senate and House of Rep-*  
 6 *resentatives that details the tracking process.*

7 **SEC. 536. OVERSIGHT OF REGISTERED SEX OFFENDER MAN-**  
 8 **AGEMENT PROGRAM.**

9 *(a) DESIGNATION OF OFFICIAL OR ENTITY.—The Sec-*  
 10 *retary of Defense shall designate a single official or entity*  
 11 *within the Office of the Secretary of Defense to serve as the*  
 12 *official or entity (as the case may be) with principal re-*  
 13 *sponsibility in the Department of Defense for providing*  
 14 *oversight of the registered sex offender management pro-*  
 15 *gram of the Department.*

16 *(b) DUTIES.—The official or entity designated under*  
 17 *subsection (a) shall—*

18 *(1) monitor compliance with Department of De-*  
 19 *fense Instruction 5525.20 and other relevant policies;*

20 *(2) compile data on members serving in the mili-*  
 21 *tary departments who have been convicted of a quali-*  
 22 *fying sex offense, including data on the sex offender*  
 23 *registration status of each such member;*

24 *(3) maintain statistics on the total number of*  
 25 *active duty service members in each military depart-*

1        *ment who are required to register as sex offenders;*  
 2        *and*

3            *(4) perform such other duties as the Secretary of*  
 4        *Defense determines to be appropriate.*

5        *(c) BRIEFING REQUIRED.—Not later than June 1,*  
 6        *2019, the Secretary of Defense shall provide to the Com-*  
 7        *mittee on Armed Services of the House of Representatives*  
 8        *a briefing on—*

9            *(1) the compliance of the military departments*  
 10        *with the policies of the Department of Defense relat-*  
 11        *ing to registered sex offenders;*

12            *(2) the results of the data compilation described*  
 13        *in subsection (b)(2); and*

14            *(3) any other matters the Secretary determines*  
 15        *to be appropriate.*

16        *(d) MILITARY DEPARTMENTS DEFINED.—In this sec-*  
 17        *tion, the term “military departments” has the meaning*  
 18        *given that term in section 101(a)(8) of title 10, United*  
 19        *States Code.*

## 20        ***Subtitle E—Other Legal Matters***

### 21        ***SEC. 541. SECURITY CLEARANCE REINVESTIGATION OF*** 22                    ***CERTAIN PERSONNEL WHO COMMIT CERTAIN*** 23                    ***OFFENSES.***

24        *Section 1564 of title 10, United States Code, is amend-*  
 25        *ed—*



1           (1) by redesignating subsections (c), (d), (e), and  
2           (f) as subsection (d), (e), (f), and (g), respectively;  
3           and

4           (2) by inserting after subsection (b) the following  
5           new subsection (c):

6           “(c) *REINVESTIGATION OF CERTAIN INDIVIDUALS.—*

7           (1) *The Secretary of Defense shall conduct an investigation*  
8           *under subsection (a) of any individual described in para-*  
9           *graph (2) upon—*

10           “(A) *conviction of that individual by a court of*  
11           *competent jurisdiction for—*

12                   “(i) *sexual assault;*

13                   “(ii) *sexual harassment;*

14                   “(iii) *fraud against the United States; or*

15                   “(iv) *any other violation that the Secretary*  
16                   *determines renders that individual susceptible to*  
17                   *blackmail or raises serious concern regarding the*  
18                   *ability of that individual to hold a security*  
19                   *clearance; or*

20           “(B) *determination by a commanding officer*  
21           *that the individual has committed an offense de-*  
22           *scribed in subparagraph (A).*

23           “(2) *An individual described in this paragraph has*  
24           *a security clearance and is—*

25                   “(A) *a flag officer;*

1           “(B) a general officer; or

2           “(C) an employee of the Department of Defense  
3       in the Senior Executive Service.

4       “(3) The Secretary shall conduct an investigation  
5       under this subsection of an individual described in para-  
6       graph (2) regardless of whether that individual has retired  
7       or resigned, is discharged or released, or otherwise separated  
8       from the armed forces or Department of Defense.

9       “(4) In this subsection:

10           “(A) The term ‘sexual assault’ includes rape, sex-  
11       ual assault, forcible sodomy, aggravated sexual con-  
12       tact, abusive sexual contact, and attempts to commit  
13       such offenses, as those terms are defined in the Uni-  
14       form Code of Military Justice.

15           “(B) The term ‘sexual harassment’ has the mean-  
16       ing given that term in section 1561 of this title.

17           “(C) The term ‘fraud against the United States’  
18       means a violation of section 932 of this title (Article  
19       132 of the Uniform Code of Military Justice).”.

1 **SEC. 542. CONSIDERATION OF APPLICATION FOR TRANS-**  
 2 **FER FOR A STUDENT OF A MILITARY SERVICE**  
 3 **ACADEMY WHO IS THE VICTIM OF A SEXUAL**  
 4 **ASSAULT OR RELATED OFFENSE.**

5 (a) *MILITARY ACADEMY.*—Section 4361 of title 10,  
 6 *United States Code*, is amended by adding at the end the  
 7 following new subsection (e):

8 “(e) *CONSIDERATION OF APPLICATION FOR TRANSFER*  
 9 *FOR A CADET WHO IS THE VICTIM OF A SEXUAL ASSAULT*  
 10 *OR RELATED OFFENSE.*—(1) *The Secretary of the Army*  
 11 *shall provide for timely determination and action on an*  
 12 *application for consideration of a transfer to another mili-*  
 13 *tary service academy submitted by a cadet who was a vic-*  
 14 *tim of a sexual assault or other offense covered by section*  
 15 *920, 920a, or 920c of this title (article 120, 120a, or 120c*  
 16 *of the Uniform Code of Military Justice) so as to reduce*  
 17 *the possibility of retaliation against the cadet for reporting*  
 18 *the sexual assault or other offense.*

19 “(2) *The Secretary of the Army shall prescribe regula-*  
 20 *tions to carry out this subsection, within guidelines pro-*  
 21 *vided by the Secretary of Defense that direct the Super-*  
 22 *intendent of the Military Academy, in coordination with*  
 23 *the Superintendent of the military service academy to*  
 24 *which the cadet wishes to transfer, to approve or deny an*  
 25 *application under this subsection not later than 72 hours*  
 26 *after the submission of the application. If the Super-*

1 *intendent denies such an application, the cadet may request*  
2 *review of the denial by the Secretary of the Army, who shall*  
3 *grant or deny review not later than 72 hours after submis-*  
4 *sion of the request for review.”.*

5 (b) *NAVAL ACADEMY.—Section 6980 of title 10, United*  
6 *States Code, is amended by adding at the end the following*  
7 *new subsection (e):*

8 “(e) *CONSIDERATION OF APPLICATION FOR TRANSFER*  
9 *FOR A MIDSHIPMAN WHO IS THE VICTIM OF A SEXUAL AS-*  
10 *SAULT OR RELATED OFFENSE.—(1) The Secretary of the*  
11 *Navy shall provide for timely determination and action on*  
12 *an application for consideration of a transfer to another*  
13 *military service academy submitted by a midshipman who*  
14 *was a victim of a sexual assault or other offense covered*  
15 *by section 920, 920a, or 920c of this title (article 120, 120a,*  
16 *or 120c of the Uniform Code of Military Justice) so as to*  
17 *reduce the possibility of retaliation against the midshipman*  
18 *for reporting the sexual assault or other offense.*

19 “(2) *The Secretary of the Navy shall prescribe regula-*  
20 *tions to carry out this subsection, within guidelines pro-*  
21 *vided by the Secretary of Defense that direct the Super-*  
22 *intendent of the Naval Academy, in coordination with the*  
23 *Superintendent of the military service academy to which*  
24 *the midshipman wishes to transfer, to approve or deny an*  
25 *application under this subsection not later than 72 hours*

1 *after the submission of the application. If the Super-*  
 2 *intendent denies such an application, the midshipman may*  
 3 *request review of the denial by the Secretary of the Navy,*  
 4 *who shall grant or deny review not later than 72 hours after*  
 5 *submission of the request for review.”.*

6       (c) *AIR FORCE ACADEMY.*—Section 9361 of title 10,  
 7 *United States Code, is amended by adding at the end the*  
 8 *following new subsection (e):*

9       “(e) *CONSIDERATION OF APPLICATION FOR TRANSFER*  
 10 *FOR A CADET WHO IS THE VICTIM OF A SEXUAL ASSAULT*  
 11 *OR RELATED OFFENSE.*—(1) *The Secretary of the Air Force*  
 12 *shall provide for timely determination and action on an*  
 13 *application for consideration of a transfer to another mili-*  
 14 *tary service academy submitted by a cadet who was a vic-*  
 15 *tim of a sexual assault or other offense covered by section*  
 16 *920, 920a, or 920c of this title (article 120, 120a, or 120c*  
 17 *of the Uniform Code of Military Justice) so as to reduce*  
 18 *the possibility of retaliation against the cadet for reporting*  
 19 *the sexual assault or other offense.*

20       “(2) *The Secretary of the Air Force shall prescribe reg-*  
 21 *ulations to carry out this subsection, within guidelines pro-*  
 22 *vided by the Secretary of Defense that direct the Super-*  
 23 *intendent of the Air Force Academy, in coordination with*  
 24 *the Superintendent of the military service academy to*  
 25 *which the cadet wishes to transfer, to approve or deny an*

1 *application under this subsection not later than 72 hours*  
 2 *after the submission of the application. If the Super-*  
 3 *intendent denies such an application, the cadet may request*  
 4 *review of the denial by the Secretary of the Air Force, who*  
 5 *shall grant or deny review not later than 72 hours after*  
 6 *submission of the request for review.”.*

7 **SEC. 543. STANDARDIZATION OF POLICIES RELATED TO EX-**  
 8 **PEDITED TRANSFER IN CASES OF SEXUAL AS-**  
 9 **SAULT.**

10 (a) *POLICIES FOR MEMBERS.*—*The Secretary of De-*  
 11 *fense shall modify all policies related to the expedited trans-*  
 12 *fer of a member of the Army, Navy, Air Force, or Marine*  
 13 *Corps who is the victim of sexual assault (regardless of*  
 14 *whether the case is handled under the Sexual Assault Pre-*  
 15 *vention and Response Program or Family Advocacy Pro-*  
 16 *gram) that the Secretary determines necessary to establish*  
 17 *a standardized expedited transfer process for such members,*  
 18 *consistent with section 673 of title 10, United States Code.*

19 (b) *POLICIES FOR DEPENDENTS OF MEMBERS.*—*The*  
 20 *Secretary of Defense shall establish a policy to allow the*  
 21 *transfer of a member of the Army, Navy, Air Force, or Ma-*  
 22 *rine Corps whose dependent is the victim of sexual assault*  
 23 *perpetrated by a member of the Armed Forces who is not*  
 24 *related to the victim.*

1 **SEC. 544. DEVELOPMENT OF OVERSIGHT PLAN FOR IMPLE-**  
2 **MENTATION OF DEPARTMENT OF DEFENSE**  
3 **HARASSMENT PREVENTION AND RESPONSE**  
4 **POLICY.**

5 (a) *DEVELOPMENT.*—*The Secretary of Defense shall*  
6 *develop a plan for overseeing the implementation of the in-*  
7 *struction titled “Harassment Prevention and Response in*  
8 *the Armed Forces”, published on February 8, 2018 (DODI-*  
9 *1020.03).*

10 (b) *ELEMENTS.*—*The plan under subsection (a) shall*  
11 *require the military services and other components of the*  
12 *Department of Defense to take steps by certain dates to im-*  
13 *plement harassment prevention and response programs*  
14 *under such instruction, including no less than the following:*

15 (1) *Submitting implementation plans to the Di-*  
16 *rector, Force Resiliency.*

17 (2) *Incorporating results-oriented performance*  
18 *measures that assess the effectiveness of harassment*  
19 *prevention and response programs.*

20 (3) *Adopting compliance standards for pro-*  
21 *moting, supporting, and enforcing policies, plans, and*  
22 *programs.*

23 (4) *Tracking, collecting, and reporting data and*  
24 *information on sexual harassment incidents based on*  
25 *standards established by the Secretary.*

1           (5) *Instituting anonymous complaint mecha-*  
 2           *nisms.*

3           (c) *REPORT.*—*Not later than July 1, 2019, the Sec-*  
 4           *retary shall submit to the Committees on Armed Services*  
 5           *of the Senate and the House of Representatives a report on*  
 6           *the oversight plan developed under this section. The report*  
 7           *shall include, for each military service and component of*  
 8           *the Department of Defense, the implementation status of*  
 9           *each element of the oversight plan.*

10   **SEC. 545. DEVELOPMENT OF RESOURCE GUIDES REGARD-**  
 11                           **ING SEXUAL ASSAULT FOR THE MILITARY**  
 12                           **SERVICE ACADEMIES.**

13           (a) *DEVELOPMENT.*—*Not later than 30 days after the*  
 14           *date of the enactment of this Act, each Superintendent of*  
 15           *a military service academy shall develop and maintain a*  
 16           *resource guide for students at the respective military service*  
 17           *academies regarding sexual assault.*

18           (b) *ELEMENTS.*—*Each guide developed under this sec-*  
 19           *tion shall include the following information with regards*  
 20           *to the relevant military service academy:*

21                   (1) *PROCESS OVERVIEW AND DEFINITIONS.*—

22                           (A) *A clear explanation of prohibited con-*  
 23                           *duct, including examples.*

24                           (B) *A clear explanation of consent.*

25                           (C) *Victims' rights.*



1           (D) *Clearly described complaint process, in-*  
2           *cluding multiple ways to file a complaint.*

3           (E) *Explanations of restricted and unre-*  
4           *stricted reporting.*

5           (F) *List of mandatory reporters.*

6           (G) *Protections from retaliation.*

7           (H) *Assurance that leadership will take im-*  
8           *mediate and proportionate corrective action.*

9           (I) *References to specific policies.*

10          (J) *Additional resources for survivors.*

11          (2) *EMERGENCY SERVICES.—*

12           (A) *Contact information.*

13           (B) *Location.*

14          (3) *SUPPORT AND COUNSELING.—Contact infor-*  
15          *mation for the following support and counseling re-*  
16          *sources:*

17           (A) *The Sexual Assault Prevention and Re-*  
18           *sponse Victim Advocate or other equivalent advo-*  
19           *cate or counselor available to students in cases of*  
20           *sexual assault.*

21           (B) *The Sexual Harassment/Assault Re-*  
22           *sponse and Prevention Resource Program Center.*

23           (C) *Peer counseling.*

24           (D) *Medical care.*

25           (E) *Legal counsel.*

1                   (F) *Hotlines.*

2                   (G) *Chaplain or other spiritual representa-*  
3                   *tives.*

4                   (4) *ESCALATION.—*

5                   (A) *A victim may report an incident to any*  
6                   *authority.*

7                   (B) *A victim may consult any authority*  
8                   *named in this paragraph.*

9                   (C) *The Superintendent determines the out-*  
10                  *come of an investigation and has the authority*  
11                  *to convene a court-martial after an initial hear-*  
12                  *ing.*

13                  (D) *The Secretary of the military depart-*  
14                  *ment concerned reviews determinations in cases*  
15                  *not referred for trial by court-martial.*

16                  (E) *The Inspector General reviews cases of*  
17                  *reprisal or professional retaliation.*

18                  (F) *A Member of Congress (as that term is*  
19                  *defined in section 1563 of title 10, United States*  
20                  *Code).*

21                  (c) *DISTRIBUTION.—Each Superintendent shall pro-*  
22                  *vide a copy of the current guide developed by that Super-*  
23                  *intendent under this section—*

24                         (1) *not later than 30 days after completing de-*  
25                         *velopment under subsection (a) to each student who is*

1        *enrolled at the military service academy of that Su-*  
2        *perintendent on the date of the enactment of this Act;*

3            *(2) at the beginning of each academic year after*  
4        *the date of the enactment of this Act to each student*  
5        *who enrolls at the military service academy of that*  
6        *Superintendent; and*

7            *(3) as soon as practicable to a student at the*  
8        *military service academy of that Superintendent re-*  
9        *ports that such student is a victim of sexual assault.*

10    **SEC. 546. REPORT ON VICTIMS IN MCIO REPORTS.**

11        *Not later than September 30, 2019, and not less than*  
12        *once every two years thereafter, the Secretary of Defense,*  
13        *through the Defense Advisory Committee on Investigations,*  
14        *Prosecutions, and Defense of Sexual Assault in the Armed*  
15        *Forces, shall submit to Congress a report regarding the fre-*  
16        *quency at which individuals, who are identified as victims*  
17        *of sexual offenses in case files of military criminal inves-*  
18        *tigative organizations (hereinafter, “MCIO”), are accused*  
19        *of or punished for misconduct or crimes considered collat-*  
20        *eral to the investigation of sexual assault during the MCIO*  
21        *investigations in which the individuals were so identified.*

1 ***Subtitle F—Member Education,***  
2 ***Training, Resilience, and Tran-***  
3 ***sition***

4 ***SEC. 551. PERMANENT CAREER INTERMISSION PROGRAM.***

5 (a) *CODIFICATION AND PERMANENT AUTHORITY.*—  
6 *Chapter 40 of title 10, United States Code, is amended by*  
7 *adding at the end the following new section 710:*

8 ***“§ 710. Career flexibility to enhance retention of mem-***  
9 ***bers***

10 *“(a) PROGRAMS AUTHORIZED.—Each Secretary of a*  
11 *military department may carry out programs under which*  
12 *members of the regular components and members on Active*  
13 *Guard and Reserve duty of the armed forces under the juris-*  
14 *diction of such Secretary may be inactivated from active*  
15 *service in order to meet personal or professional needs and*  
16 *returned to active service at the end of such period of inac-*  
17 *tivation from active service.*

18 *“(b) PERIOD OF INACTIVATION FROM ACTIVE SERV-*  
19 *ICE; EFFECT OF INACTIVATION.—(1) The period of inac-*  
20 *tivation from active service under a program under this*  
21 *section of a member participating in the program shall be*  
22 *such period as the Secretary of the military department*  
23 *concerned shall specify in the agreement of the member*  
24 *under subsection (c), except that such period may not exceed*  
25 *three years.*

1       “(2) *Any service by a Reserve officer while partici-*  
2 *pating in a program under this section shall be excluded*  
3 *from computation of the total years of service of that officer*  
4 *pursuant to section 14706(a) of this title.*

5       “(3) *Any period of participation of a member in a*  
6 *program under this section shall not count toward—*

7               “(A) *eligibility for retirement or transfer to the*  
8 *Ready Reserve under either chapter 571 or 1223 of*  
9 *this title; or*

10              “(B) *computation of retired or retainer pay*  
11 *under chapter 71 or 1223 of this title.*

12       “(c) *AGREEMENT.—Each member of the armed forces*  
13 *who participates in a program under this section shall*  
14 *enter into a written agreement with the Secretary of the*  
15 *military department concerned under which agreement that*  
16 *member shall agree as follows:*

17              “(1) *To accept an appointment or enlist, as ap-*  
18 *plicable, and serve in the Ready Reserve of the armed*  
19 *force concerned during the period of the inactivation*  
20 *of the member from active service under the program.*

21              “(2) *To undergo during the period of the inac-*  
22 *tivation of the member from active service under the*  
23 *program such inactive service training as the Sec-*  
24 *retary concerned shall require in order to ensure that*  
25 *the member retains proficiency, at a level determined*

1       *by the Secretary concerned to be sufficient, in the*  
2       *military skills, professional qualifications, and phys-*  
3       *ical readiness of the member during the inactivation*  
4       *of the member from active service.*

5               *“(3) Following completion of the period of the*  
6       *inactivation of the member from active service under*  
7       *the program, to serve two months as a member of the*  
8       *armed forces on active service for each month of the*  
9       *period of the inactivation of the member from active*  
10       *service under the program.*

11              *“(d) CONDITIONS OF RELEASE.—The Secretary of De-*  
12       *fense shall prescribe regulations specifying the guidelines re-*  
13       *garding the conditions of release that must be considered*  
14       *and addressed in the agreement required by subsection (c).*  
15       *At a minimum, the Secretary shall prescribe the procedures*  
16       *and standards to be used to instruct a member on the obli-*  
17       *gations to be assumed by the member under paragraph (2)*  
18       *of such subsection while the member is released from active*  
19       *service.*

20              *“(e) ORDER TO ACTIVE SERVICE.—Under regulations*  
21       *prescribed by the Secretary of the military department con-*  
22       *cerned, a member of the armed forces participating in a*  
23       *program under this section may, in the discretion of such*  
24       *Secretary, be required to terminate participation in the*  
25       *program and be ordered to active service.*

1       “(f) *PAY AND ALLOWANCES.*—(1) *During each month*  
2 *of participation in a program under this section, a member*  
3 *who participates in the program shall be paid basic pay*  
4 *in an amount equal to two-thirtieths of the amount of*  
5 *monthly basic pay to which the member would otherwise*  
6 *be entitled under section 204 of title 37 as a member of*  
7 *the uniformed services on active service in the grade and*  
8 *years of service of the member when the member commences*  
9 *participation in the program.*

10       “(2)(A) *A member who participates in a program shall*  
11 *not, while participating in the program, be paid any spe-*  
12 *cial or incentive pay or bonus to which the member is other-*  
13 *wise entitled under an agreement under chapter 5 of title*  
14 *37 that is in force when the member commences participa-*  
15 *tion in the program.*

16       “(B) *The inactivation from active service of a member*  
17 *participating in a program shall not be treated as a failure*  
18 *of the member to perform any period of service required*  
19 *of the member in connection with an agreement for a special*  
20 *or incentive pay or bonus under chapter 5 of title 37 that*  
21 *is in force when the member commences participation in*  
22 *the program.*

23       “(3)(A) *Subject to subparagraph (B), upon the return*  
24 *of a member to active service after completion by the mem-*  
25 *ber of participation in a program—*

1           “(i) any agreement entered into by the member  
2           under chapter 5 of title 37 for the payment of a spe-  
3           cial or incentive pay or bonus that was in force when  
4           the member commenced participation in the program  
5           shall be revived, with the term of such agreement after  
6           revival being the period of the agreement remaining  
7           to run when the member commenced participation in  
8           the program; and

9           “(ii) any special or incentive pay or bonus shall  
10          be payable to the member in accordance with the  
11          terms of the agreement concerned for the term speci-  
12          fied in clause (i).

13          “(B)(i) Subparagraph (A) shall not apply to any spe-  
14          cial or incentive pay or bonus otherwise covered by that  
15          subparagraph with respect to a member if, at the time of  
16          the return of the member to active service as described in  
17          that subparagraph—

18                 “(I) such pay or bonus is no longer authorized  
19                 by law; or

20                 “(II) the member does not satisfy eligibility cri-  
21                 teria for such pay or bonus as in effect at the time  
22                 of the return of the member to active service.

23          “(ii) Subparagraph (A) shall cease to apply to any  
24          special or incentive pay or bonus otherwise covered by that  
25          subparagraph with respect to a member if, during the term



1 *of the revived agreement of the member under subparagraph*  
2 *(A)(i), such pay or bonus ceases being authorized by law.*

3       “(C) *A member who is ineligible for payment of a spe-*  
4 *cial or incentive pay or bonus otherwise covered by this*  
5 *paragraph by reason of subparagraph (B)(i)(II) shall be*  
6 *subject to the requirements for repayment of such pay or*  
7 *bonus in accordance with the terms of the applicable agree-*  
8 *ment of the member under chapter 5 of title 37.*

9       “(D) *Any service required of a member under an*  
10 *agreement covered by this paragraph after the member re-*  
11 *turns to active service as described in subparagraph (A)*  
12 *shall be in addition to any service required of the member*  
13 *under an agreement under subsection (c).*

14       “(4)(A) *Subject to subparagraph (B), a member who*  
15 *participates in a program is entitled, while participating*  
16 *in the program, to the travel and transportation allowances*  
17 *authorized by section 474 of title 37 for—*

18               “(i) *travel performed from the residence of the*  
19 *member, at the time of release from active service to*  
20 *participate in the program, to the location in the*  
21 *United States designated by the member as his resi-*  
22 *dence during the period of participation in the pro-*  
23 *gram; and*

1           “(ii) travel performed to the residence of the  
2           member upon return to active service at the end of the  
3           participation of the member in the program.

4           “(B) An allowance is payable under this paragraph  
5           only with respect to travel of a member to and from a single  
6           residence.

7           “(5) A member who participates in a program is enti-  
8           tled to carry forward the leave balance existing as of the  
9           day on which the member begins participation and accu-  
10          mulated in accordance with section 701 of this title, but  
11          not to exceed 60 days.

12          “(g) PROMOTION.—(1)(A) An officer participating in  
13          a program under this section shall not, while participating  
14          in the program, be eligible for consideration for promotion  
15          under chapter 36 or 1405 of this title.

16          “(B) Upon the return of an officer to active service  
17          after completion by the officer of participation in a pro-  
18          gram—

19                 “(i) the Secretary of the military department  
20                 concerned shall adjust the date of rank of the officer  
21                 in such manner as the Secretary of Defense shall pre-  
22                 scribe in regulations for purposes of this section; and

23                 “(ii) the officer shall be eligible for consideration  
24                 for promotion when officers of the same competitive

1       category, grade, and seniority are eligible for consid-  
2       eration for promotion.

3       “(2) *An enlisted member participating in a program*  
4 *shall not be eligible for consideration for promotion during*  
5 *the period that—*

6               “(A) *begins on the date of the inactivation of the*  
7 *member from active service under the program; and*

8               “(B) *ends at such time after the return of the*  
9 *member to active service under the program that the*  
10 *member is treatable as eligible for promotion by rea-*  
11 *son of time in grade and such other requirements as*  
12 *the Secretary of the military department concerned*  
13 *shall prescribe in regulations for purposes of the pro-*  
14 *gram.*

15       “(h) *CONTINUED ENTITLEMENTS.—A member partici-*  
16 *pating in a program under this section shall, while partici-*  
17 *pating in the program, be treated as a member of the armed*  
18 *forces on active duty for a period of more than 30 days*  
19 *for purposes of—*

20               “(1) *the entitlement of the member and of the de-*  
21 *pendents of the member to medical and dental care*  
22 *under the provisions of chapter 55 of this title; and*

23               “(2) *retirement or separation for physical dis-*  
24 *ability under the provisions of chapters 55 and 61 of*  
25 *this title.”.*

1 (b) *TECHNICAL AND CONFORMING AMENDMENTS.*—

2 (1) *TABLE OF SECTIONS.*—*The table of sections*  
 3 *at the beginning of such chapter is amended by in-*  
 4 *serting after the item relating to section 709a the fol-*  
 5 *lowing new item:*

*710. Career flexibility to enhance retention of members.*

6 (2) *CONFORMING REPEAL.*—*Section 533 of the*  
 7 *Duncan Hunter National Defense Authorization Act*  
 8 *for Fiscal Year 2009 (10 U.S.C. prec. 701 note) is re-*  
 9 *pealed.*

10 **SEC. 552. IMPROVEMENTS TO TRANSITION ASSISTANCE**  
 11 **PROGRAM.**

12 (a) *PATHWAYS FOR TAP.*—

13 (1) *IN GENERAL.*—*Section 1142 of title 10,*  
 14 *United States Code, is amended—*

15 (A) *in the section heading by striking*  
 16 ***“medical”*** *and inserting “**certain**”;*

17 (B) *in subsection (a)—*

18 (i) *in paragraph (1), by inserting “(re-*  
 19 *gardless of character of discharge)” after*  
 20 *“discharge”;*

21 (ii) *in paragraph (3)(A)—*

22 (I) *by striking “as soon as pos-*  
 23 *sible during the 12-month period pre-*  
 24 *ceding” and inserting “not later than*  
 25 *365 days before”;*

1                   (II) by striking “90 days” and in-  
2                   serting “365 days”; and

3                   (III) by striking “discharge or re-  
4                   lease” and inserting “retirement or  
5                   other separation”; and

6                   (iii) in paragraph (3)(B)—

7                   (I) by striking “90” and inserting  
8                   “365”; and

9                   (II) by striking “90-day” and in-  
10                  serting “365-day”;

11                  (C) by redesignating subsection (c) as sub-  
12                  section (d);

13                  (D) by inserting after subsection (b) the fol-  
14                  lowing new subsection (c):

15           “(c) COUNSELING PATHWAYS.—(1) Each Secretary  
16           concerned, in consultation with the Secretaries of Labor  
17           and Veterans Affairs, shall establish at least three pathways  
18           for members of the military department concerned receiving  
19           individualized counseling under this section. The Secre-  
20           taries shall design the pathways to address the needs of  
21           members, based on the following factors:

22                   “(A) Rank.

23                   “(B) Term of service.

24                   “(C) Gender.

1           “(D) Whether the member was a member of  
2           a regular or reserve component of an armed  
3           force.

4           “(E) Disability.

5           “(F) Character of discharge (including ex-  
6           pedited discharge and discharge under conditions  
7           other than honorable).

8           “(G) Health (including mental health).

9           “(H) Military occupational specialty.

10          “(I) Whether the member intends, after sep-  
11          aration, retirement, or discharge, to—

12                  “(i) seek employment;

13                  “(ii) enroll in a program of higher  
14                  education;

15                  “(iii) enroll in a program of voca-  
16                  tional training; or

17                  “(iv) become an entrepreneur.

18          “(J) The educational history of the member.

19          “(K) The employment history of the mem-  
20          ber.

21          “(L) Whether the member has secured—

22                  “(i) employment;

23                  “(ii) enrollment in a program of edu-  
24                  cation; or

1                   “(iii) enrollment in a program of voca-  
2                   tional training.

3                   “(M) Other factors the Secretary of Defense  
4                   and the Secretary of Homeland Security, in con-  
5                   sultation with the Secretaries of Labor and Vet-  
6                   erans Affairs, determine appropriate.

7                   “(2) Each member described in subsection (a) shall  
8                   meet in person or by video conference with a counselor be-  
9                   fore beginning counseling under this section to—

10                  “(A) take a self-assessment designed by the Sec-  
11                  retary concerned (in consultation with the Secretaries  
12                  of Labor and Veterans Affairs) to ensure that the Sec-  
13                  retary concerned places the member in the appro-  
14                  priate pathway under this subsection; and

15                  “(B) receive information from the counselor re-  
16                  garding reenlistment in the armed forces; and

17                  “(C) receive information from the counselor re-  
18                  garding resources—

19                         “(i) for members of the armed forces sepa-  
20                         rated, retired, or discharged;

21                         “(ii) located in the community in which the  
22                         member will reside after separation, retirement,  
23                         or discharge.

24                   “(3) At the meeting under paragraph (2), the member  
25                   may elect to have the Secretary concerned (in consultation

1 *with the Secretaries of Labor and Veterans Affairs) provide*  
2 *the contact information of the member to the resources de-*  
3 *scribed in paragraph (2)(B).”; and*

4 *(E) by adding at the end the following new*  
5 *subsection:*

6 *“(e) JOINT SERVICE TRANSCRIPT.—(1) The Secretary*  
7 *concerned shall provide a copy of the joint service transcript*  
8 *of a member described in subsection (a) to—*

9 *“(A) that member—*

10 *“(i) at the meeting with a counselor under*  
11 *subsection (c)(2); and*

12 *“(ii) on the day the member separates, re-*  
13 *tires, or is discharged.*

14 *“(B) the Secretary of Veterans Affairs on the day*  
15 *the member separates, retires, or is discharged.*

16 *“(2) The Secretary of Veterans Affairs shall ensure*  
17 *that a member who has separated, retired, or is discharged*  
18 *may access the joint service transcript of that member from*  
19 *a website of the Department of Veterans Affairs not later*  
20 *than one year after the day the member separates, retires,*  
21 *or is discharged.”.*

22 *(2) DEADLINE.—Each Secretary concerned shall*  
23 *carry out subsection (c) of such section, as amended*  
24 *by paragraph (1), not later than one year after the*  
25 *date of the enactment of this Act.*



1           (3) *GAO STUDY*.—Not later than one year after  
 2       the Secretaries concerned carry out subsection (c) of  
 3       such section, as amended by paragraph (1), the  
 4       Comptroller General of the United States shall submit  
 5       to Congress a review of the pathways for the Transi-  
 6       tion Assistance Program established under such sub-  
 7       section (c).

8       (b) *CONTENTS OF TAP*.—

9           (1) *IN GENERAL*.—Section 1144 of title 10,  
 10      United States Code, is amended—

11           (A) in subsection (a), by striking “Such  
 12      services” and inserting “Subject to subsection  
 13      (f)(2), such services”; and

14           (B) by amending subsection (f) to read as  
 15      follows:

16      “(f) *PROGRAM CONTENTS*.—(1) The program carried  
 17      out under this section shall consist of instruction as follows:

18           “(A) One day of preseparation training  
 19      specific to the armed force concerned, as deter-  
 20      mined by the Secretary concerned.

21           “(B) One day of instruction regarding—

22           “(i) benefits under laws administered  
 23      by the Secretary of Veterans Affairs; and

24           “(ii) other subjects determined by the  
 25      Secretary concerned.

1                   “(C) *One day of instruction regarding prep-*  
2                   *aration for employment.*

3                   “(D) *Two days of instruction regarding a*  
4                   *topic selected by the member from the following*  
5                   *subjects:*

6                               “(i) *Preparation for employment.*

7                               “(ii) *Preparation for education.*

8                               “(iii) *Preparation for vocational train-*  
9                               *ing.*

10                              “(iv) *Preparation for entrepreneurship.*

11                              “(v) *Other options determined by the*  
12                              *Secretary concerned.*

13                   “(2) *The Secretary concerned may permit a member*  
14                   *to attend training and instruction under the program es-*  
15                   *tablished under this section—*

16                              “(A) *before the time periods established under*  
17                              *section 1142(a)(3) of this title;*

18                              “(B) *in addition to such training and instruc-*  
19                              *tion required during such time periods.”.*

20                   (2) *DEADLINE.—The Transition Assistance Pro-*  
21                   *gram shall comply with the requirements of section*  
22                   *1144(f) of title 10, United States Code, as amended*  
23                   *by paragraph (1), not later than one year after the*  
24                   *date of the enactment of this Act.*

1           (3) *ACTION PLAN.*—Not later than 120 days after  
2           the date of the enactment of this Act, the Secretary of  
3           Defense shall submit an action plan to the congressional defense committees that—

5                   (A) details how the Secretary shall implement the requirements of section 1144(f) of title  
6                   10, United States Code, as amended by paragraph (1); and

9                   (B) details how the Secretary, in consultation with the Secretaries of Veterans Affairs and  
10                  Labor, shall establish standardized performance  
11                  metrics to measure Transition Assistance Program participation and outcome-based objective  
12                  benchmarks in order to—

15                   (i) provide feedback to the Departments  
16                   of Defense, Veterans Affairs, and Labor;

17                   (ii) improve the curriculum of the  
18                   Transition Assistance Program;

19                   (iii) share best practices; and

20                   (iv) facilitate effective oversight of the  
21                   Transition Assistance Program.

22           (4) *REPORT.*—On the date that is two years  
23           after the date of the enactment of this Act and annually thereafter for the subsequent four years, the Secretary of Defense shall submit to the Committees on  
24  
25

1 *Armed Services and Veterans' Affairs of the Senate*  
2 *and the House of Representatives, the Committee on*  
3 *Commerce, Science, and Transportation of the Senate,*  
4 *and the Committee on Transportation and Infrastruc-*  
5 *ture of the House of Representatives, a report regard-*  
6 *ing members of the Armed Forces who have attended*  
7 *Transition Assistance Program counseling during the*  
8 *preceding year. The report shall detail the following:*

9 (A) *The total number of members who at-*  
10 *tended Transition Assistance Program coun-*  
11 *seling.*

12 (B) *The number of members who attended*  
13 *Transition Assistance Program counseling under*  
14 *paragraph (1) of section 1144(f) of title 10, as*  
15 *amended by paragraph (1).*

16 (C) *The number of members who attended*  
17 *Transition Assistance Program counseling under*  
18 *paragraph (2) of such section.*

19 (D) *The number of members who elected to*  
20 *attend each two-day instruction under para-*  
21 *graph (1)(D) of such section.*

1 **SEC. 553. EMPLOYMENT AND COMPENSATION OF CIVILIAN**  
 2 **FACULTY MEMBERS AT THE JOINT SPECIAL**  
 3 **OPERATIONS UNIVERSITY.**

4 *Section 1595(c) of title 10, United States Code, is*  
 5 *amended by adding at the end the following new paragraph:*

6 *“(5) The Joint Special Operations University.”.*

7 **SEC. 554. PROGRAM TO ASSIST MEMBERS OF THE ARMED**  
 8 **FORCES IN OBTAINING PROFESSIONAL CRE-**  
 9 **DENTIALS.**

10 *Section 2015(a) of title 10, United States Code, is*  
 11 *amended by striking “related to military training” and all*  
 12 *that follows through the period at the end of paragraph (2)*  
 13 *and inserting “that translate into civilian occupations.”.*

14 **SEC. 555. EXTENSION OF PILOT PROGRAM TO ASSIST MEM-**  
 15 **BERS IN OBTAINING POST-SERVICE EMPLOY-**  
 16 **MENT.**

17 *Section 555(i) of the Carl Levin and Howard P.*  
 18 *“Buck” McKeon National Defense Authorization Act for*  
 19 *Fiscal Year 2015 (Public Law 113-291; 10 U.S.C. 1143*  
 20 *note) is amended by striking “2018” and inserting “2023”.*

21 **SEC. 556. DIRECT EMPLOYMENT PILOT PROGRAM FOR MEM-**  
 22 **BERS OF THE RESERVE COMPONENTS AND**  
 23 **VETERANS.**

24 *(a) AUTHORITY.—The Secretary of Defense may enter*  
 25 *into agreements with the chief executives of the States to*  
 26 *carry out pilot programs to enhance the efforts of the De-*

1 *partment of Defense to provide job placement assistance and*  
2 *related employment services directly to unemployed or un-*  
3 *deremployed members of the reserve components of the*  
4 *Armed Forces and veterans.*

5       (b) *COST-SHARING.*—*Any agreement under subsection*  
6 *(a) shall require that the State must contribute an amount,*  
7 *derived from non-Federal sources, that equals or exceeds 50*  
8 *percent of the funds provided by the Secretary to the State*  
9 *under this section to support the operation of the pilot pro-*  
10 *gram in that State.*

11       (c) *ADMINISTRATION.*—*The pilot program in a State*  
12 *shall be administered by the adjutant general in that State*  
13 *appointed under section 314 of title 32, United States Code.*  
14 *If the adjutant general is unavailable or unable to admin-*  
15 *ister a pilot program, the Secretary, after consulting with*  
16 *the chief executive of the State, shall designate an official*  
17 *of that State to administer that pilot program.*

18       (d) *PROGRAM MODEL.*—*A pilot program under this*  
19 *section—*

20               (1) *shall use a job placement program model that*  
21 *focuses on working one-on-one with individuals de-*  
22 *scribed in subsection (a) to provide cost-effective job*  
23 *placement services, including—*

24                       (A) *job matching services;*

25                       (B) *resume editing;*

1                   (C) interview preparation; and

2                   (D) post-employment follow up; and

3                   (2) shall incorporate best practices of State-oper-  
4           ated direct employment programs for members of the  
5           reserve components of the Armed Forces and veterans,  
6           such as the programs conducted in California and  
7           South Carolina.

8           (e) *SKILLBRIDGE TRAINING OPPORTUNITIES*.—A pilot  
9           program under this section shall utilize civilian training  
10          opportunities through the SkillBridge transition training  
11          program administered by the Department of Defense.

12          (f) *EVALUATION*.—The Secretary shall develop outcome  
13          measurements to evaluate the success of any pilot program  
14          established under this provision.

15          (g) *REPORTING*.—

16               (1) *REPORT REQUIRED*.—Not later than March  
17          1, 2021, the Secretary, in coordination with the Sec-  
18          retary of Veterans Affairs and Chief of the National  
19          Guard Bureau, shall submit to the congressional de-  
20          fense committees a report describing the results of any  
21          pilot program established under this section.

22               (2) *ELEMENTS*.—A report under paragraph (1)  
23          shall include the following elements:

1           (A) *A description and assessment of the ef-*  
2           *fectiveness and achievements of the pilot pro-*  
3           *gram, including—*

4                   (i) *the number of members of the re-*  
5                   *serve components of the Armed Forces and*  
6                   *veterans hired; and*

7                   (ii) *the cost-per-placement of partici-*  
8                   *pating members and veterans.*

9           (B) *An assessment of the impact of the pilot*  
10           *program and increased reserve component em-*  
11           *ployment levels on—*

12                   (i) *the readiness of members of the re-*  
13                   *serve components of the Armed Forces; and*

14                   (ii) *retention of service members.*

15           (C) *A comparison of the pilot program to*  
16           *other programs conducted by the Department of*  
17           *Defense or Department of Veterans Affairs to*  
18           *provide unemployment and underemployment*  
19           *support to members of the reserve components of*  
20           *the Armed Forces or veterans, including best*  
21           *practices that improved the effectiveness of such*  
22           *programs.*

23           (D) *Any other matter the Secretary deter-*  
24           *mines to be appropriate.*

25           (h) *DURATION OF AUTHORITY.—*



1           (1) *IN GENERAL.*—Subject to paragraph (2), the  
 2           authority to carry out a pilot program under this sec-  
 3           tion expires on September 30, 2023.

4           (2) *EXTENSION.*—The Secretary may extend a  
 5           pilot program under this section beyond the date in  
 6           paragraph (1) by not more than two years.

7   **SEC. 557. EXTENDED DURATION OF AVAILABILITY OF MILI-**  
 8                           **TARY ONESOURCE PROGRAM SERVICES FOR**  
 9                           **MEMBERS OF THE ARMED FORCES UPON**  
 10                          **THEIR SEPARATION OR RETIREMENT.**

11        *The Secretary of Defense shall ensure that retired and*  
 12        *honorably discharged members of the Armed Forces, includ-*  
 13        *ing members medically discharged, separated, or on the*  
 14        *temporary disability retirement list, and their immediate*  
 15        *family remain eligible for services under the Military*  
 16        *OneSource Program for at least one year after the end of*  
 17        *the member's tour of service, the member's retirement date,*  
 18        *or the member's separation date, as the case may be.*

19   **SEC. 558. COMPTROLLER GENERAL BRIEFING AND REPORT**  
 20                           **ON PERMANENT EMPLOYMENT ASSISTANCE**  
 21                           **CENTERS.**

22        (a) *REQUIREMENT.*— Not later than 240 days after  
 23        the date of the enactment of this Act, the Comptroller Gen-  
 24        eral of the United States shall provide a briefing to the  
 25        Armed Services Committees of the Senate and House of

1 *Representatives, with a report to follow on a date agreed*  
2 *to at the time of the briefing. The briefing and report shall*  
3 *provide information on employment assistance required*  
4 *under section 1143 of title 10, United States Code, and re-*  
5 *lated information regarding civilian employment requiring*  
6 *certification or licensure.*

7       **(b) CONTENTS.**—*The information required under sub-*  
8 *section (a) shall include the following:*

9           (1) *A description of the content of the database*  
10 *required by section 1143(a)(2)(A) of such title.*

11           (2) *A list and description of permanent employ-*  
12 *ment assistance centers required by section 1143(b) of*  
13 *such title.*

14           (3) *A list and description of employment skills*  
15 *training programs and eligible members of the Armed*  
16 *Forces.*

17           (4) *A list and description of State and non-State*  
18 *entities that have interacted with civilian employers.*

19           (5) *A description of the use by members of the*  
20 *Armed Forces of the permanent employment assist-*  
21 *ance centers.*

22           (6) *An assessment of the permanent employment*  
23 *assistance centers and challenges, if any, the centers*  
24 *have experienced as of the date of the briefing or re-*  
25 *port.*

1 **SEC. 559. ACTIVITIES TO INCREASE AWARENESS OF AP-**  
 2 **PRENTICESHIP PROGRAMS.**

3 *The Secretary of Defense shall ensure that, as part of*  
 4 *the transition counseling provided by the Department of*  
 5 *Defense to members of the Armed Forces who are in the*  
 6 *process of separating from the Armed Forces (including the*  
 7 *reserve components), information is provided to such mem-*  
 8 *bers on—*

9 *(1) the potential benefits of apprenticeship pro-*  
 10 *grams;*

11 *(2) the appropriate use of veterans' education*  
 12 *benefits to pay for apprenticeship programs, and*

13 *(3) the availability of veteran-focused, nonprofit*  
 14 *apprenticeship programs.*

15 **Subtitle G—Defense Dependents'**  
 16 **Education and Military Family**  
 17 **Readiness Matters**

18 **SEC. 561. ENHANCEMENT AND CLARIFICATION OF FAMILY**  
 19 **SUPPORT SERVICES FOR FAMILY MEMBERS**  
 20 **OF MEMBERS OF SPECIAL OPERATIONS**  
 21 **FORCES.**

22 *Section 1788a of title 10, United States Code, is*  
 23 *amended—*

24 *(1) by striking “activities” each place it appears*  
 25 *and inserting “services”;*

1           (2) in subsection (b)(2), by striking “activity”  
2           and inserting “service”;

3           (3) in subsection (c), by striking “\$5,000,000”  
4           and inserting “\$10,000,000”;

5           (4) in subsection (d)(1), by striking “thereafter”  
6           and inserting “of the next two years”; and

7           (5) in subsection (e), by adding at the end the  
8           following new paragraph:

9           “(4) The term ‘family support services’ includes  
10          costs of transportation, food, lodging, child care, sup-  
11          plies, fees, and training materials for immediate fam-  
12          ily members of members of the armed forces assigned  
13          to special operations forces while participating in  
14          programs under subsection (a).”.

15   **SEC. 562. ADDITIONAL MATTERS FOR ASSESSMENT AND RE-**  
16                           **PORT ON CHILDCARE SERVICES OF THE DE-**  
17                           **PARTMENT OF DEFENSE.**

18          Section 575 of the National Defense Authorization Act  
19   for Fiscal Year 2018 (Public Law 115-91) is amended—

20           (1) in subsection (a), by adding at the end the  
21          following new paragraphs:

22           “(5) Expanding the childcare hours at military  
23          installations that host initial training units in order  
24          to accommodate drill instructors, trainers, and sup-  
25          port staff.

1           “(6) *Modifying the rate of use of subsidized, off-*  
2           *installation childcare services by military families,*  
3           *including whether such rate could be increased by al-*  
4           *tering policies that cap the amount of subsidies for*  
5           *military families for such services based on the cost*  
6           *of living for families and the average cost of civilian*  
7           *childcare services.*

8           “(7) *Permitting the issuance of employee clear-*  
9           *ances on a provisional or interim basis for those*  
10           *working at military childcare centers.”; and*

11           *(2) in subsection (b)—*

12                   *(A) by striking “September 1, 2018” and*  
13                   *inserting “March 1, 2019”;*

14                   *(B) by striking “the results of the assess-*  
15                   *ment conducted under subsection (a).” and in-*  
16                   *serting an em dash; and*

17                   *(C) by adding at the end the following new*  
18                   *paragraphs:*

19                   *“(1) the results of the assessment conducted*  
20                   *under subsection (a); and*

21                   *“(2) assessments of—*

22                           *“(A) the underlying factors contributing to*  
23                           *the childcare backlogs at many installations;*

24                           *“(B) the effect of such backlogs on member*  
25                           *recruitment and retention; and*

1                   “(C) *the effect of such backlogs on military*  
2                   *spouse unemployment and underemployment.*”.

3   **SEC. 563. CONTINUED ASSISTANCE TO SCHOOLS WITH SIG-**  
4                   **NIFICANT NUMBERS OF MILITARY DEPEND-**  
5                   **ENT STUDENTS.**

6           (a) *ASSISTANCE TO SCHOOLS WITH SIGNIFICANT*  
7   *NUMBERS OF MILITARY DEPENDENT STUDENTS.*—Of the  
8   *amount authorized to be appropriated for fiscal year 2019*  
9   *in Division D of this Act and available for operation and*  
10   *maintenance for Defense-wide activities as specified in the*  
11   *funding table in Section 4301 of this Act, \$40,000,000 shall*  
12   *be available only for the purpose of providing assistance*  
13   *to local educational agencies under subsection (a) of section*  
14   *572 of the National Defense Authorization Act for Fiscal*  
15   *Year 2006 (Public Law 109-163; 20 U.S.C. 7703b).*

16           (b) *IMPACT AID FOR CHILDREN WITH SEVERE DIS-*  
17   *ABILITIES.*—Of the amount authorized to be appropriated  
18   *for fiscal year 2019 in Division D of this Act and available*  
19   *for operation and maintenance for Defense-wide activities*  
20   *as specified in the funding table in Section 4301 of this*  
21   *Act, \$10,000,000 shall be available for payments under sec-*  
22   *tion 363 of the Floyd D. Spence National Defense Author-*  
23   *ization Act for Fiscal Year 2001 (Public Law 106-398; 20*  
24   *U.S.C. 7703a).*

1       (c) *LOCAL EDUCATIONAL AGENCY DEFINED.*—*In this*  
 2 *section, the term “local educational agency” has the mean-*  
 3 *ing given that term in section 7013(9) of the Elementary*  
 4 *and Secondary Education Act of 1965 (20 U.S.C. 7713(9)).*

5   **SEC. 564. DEPARTMENT OF DEFENSE EDUCATION ACTIVITY**  
 6                   **MISCONDUCT DATABASE.**

7       (a) *COMPREHENSIVE DATABASE.*—*The Secretary of*  
 8 *Defense shall consolidate the various databases and mecha-*  
 9 *nisms for the reporting and tracking of juvenile misconduct*  
 10 *in Department of Defense Education Activity (hereinafter*  
 11 *in this section referred to as “DODEA”) schools into one*  
 12 *comprehensive database for DODEA juvenile misconduct.*  
 13 *The comprehensive database shall include, at a minimum,*  
 14 *all reportable allegations of juvenile-on-juvenile sexual mis-*  
 15 *conduct, regardless of the final disposition of the case.*

16       (b) *POLICY.*—*The Secretary shall establish a com-*  
 17 *prehensive policy regarding the reporting and tracking of*  
 18 *juvenile misconduct cases occurring in DODEA schools, in-*  
 19 *cluding policies establishing appropriate safeguards to pre-*  
 20 *vent unauthorized disclosure of sensitive information con-*  
 21 *tained in the comprehensive database required by subsection*  
 22 *(a).*

1 **SEC. 565. REPORT ON ASSESSMENT OF FREQUENCY OF PER-**  
2 **MANENT CHANGES OF STATION OF MEMBERS**  
3 **OF THE ARMED FORCES ON EMPLOYMENT**  
4 **AMONG MILITARY SPOUSES.**

5 (a) *IN GENERAL.*—*The Secretary of Defense shall sub-*  
6 *mit to Congress a report setting forth an assessment of the*  
7 *effects of the frequency of permanent changes of station of*  
8 *members of the Armed Forces on stability of employment*  
9 *among military spouses.*

10 (b) *ELEMENTS.*—*The report under this section shall*  
11 *include the following:*

12 (1) *An assessment of the effects of the frequency*  
13 *of permanent changes of station of members of the*  
14 *Armed Forces on stability of employment among*  
15 *military spouses, including the contribution of fre-*  
16 *quent permanent changes of station to unemployment*  
17 *or underemployment among military spouses.*

18 (2) *An assessment of the effects of unemployment*  
19 *and underemployment among military spouses on*  
20 *force readiness.*

21 (3) *Such recommendations as the Secretary con-*  
22 *siders appropriate regarding legislative or adminis-*  
23 *tration action to achieve force readiness and stabiliza-*  
24 *tion through the minimization of the impacts of fre-*  
25 *quent permanent changes on stability of employment*  
26 *among military spouses.*



1           ***Subtitle H—Decorations and***  
2                           ***Awards***

3   ***SEC. 571. LIMITATIONS ON AUTHORITY TO REVOKE CER-***  
4                           ***TAIN MILITARY DECORATIONS AWARDED TO***  
5                           ***MEMBERS OF THE ARMED FORCES.***

6           *(a) ARMY.—*

7                   *(1) LIMITATIONS.—Chapter 357 of title 10,*  
8           *United States Code, is amended by adding at the end*  
9           *the following new section:*

10   ***“§3757. Military decorations: limitations on revoca-***  
11                           ***tion***

12           *“(a) LIMITATIONS.—Except as provided in subsection*  
13   *(b), the President or the Secretary of the Army may not*  
14   *authorize the revocation of a military decoration after the*  
15   *actual award of the military decoration to a member of the*  
16   *armed forces under the jurisdiction of the Secretary.*

17           *“(b) EXCEPTIONS.—(1) Subsection (a) does not apply*  
18   *to the revocation of a military decoration if the revocation*  
19   *is ordered on account of—*

20                   *“(A) the acquisition of new or additional infor-*  
21   *mation that calls into question the service for which*  
22   *the member was awarded the military decoration; or*

23                   *“(B) the conviction of the member for a felony.*

24           *“(2) In applying the exception described in paragraph*  
25   *(1)(B), the President and the Secretary of the Army shall*

1 *take into account, as an extenuating factor, whether the*  
 2 *member has been diagnosed with traumatic brain injury*  
 3 *or post-traumatic stress disorder.*

4 “(c) *MILITARY DECORATION DEFINED.*—*In this sec-*  
 5 *tion, the term ‘military decoration’ means the distin-*  
 6 *guished-service cross, distinguished-service medal, silver*  
 7 *star, distinguished flying cross, or Soldier’s Medal. The*  
 8 *term does not include the medal of honor.”.*

9 (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 10 *tions at the beginning of such chapter is amended by*  
 11 *adding at the end the following new item:*

*“3757. Military decorations: limitations on revocation.”.*

12 (b) *NAVY AND MARINE CORPS.*—

13 (1) *LIMITATIONS.*—*Chapter 567 of title 10,*  
 14 *United States Code, is amended by adding at the end*  
 15 *the following new section:*

16 **“§ 6259. Military decorations: limitations on revoca-**  
 17 **tion**

18 “(a) *LIMITATIONS.*—*Except as provided in subsection*  
 19 *(b), the President or the Secretary of the Navy may not*  
 20 *authorize the revocation of a military decoration after the*  
 21 *actual award of the military decoration to a member of the*  
 22 *armed forces under the jurisdiction of the Secretary.*

23 “(b) *EXCEPTIONS.*—(1) *Subsection (a) does not apply*  
 24 *to the revocation of a military decoration if the revocation*  
 25 *is ordered on account of—*

1           “(A) the acquisition of new or additional infor-  
 2           mation that calls into question the service for which  
 3           the member was awarded the military decoration; or

4           “(B) the conviction of the member for a felony.

5           “(2) In applying the exception described in paragraph  
 6 (1)(B), the President and the Secretary of the Navy shall  
 7 take into account, as an extenuating factor, whether the  
 8 member has been diagnosed with traumatic brain injury  
 9 or post-traumatic stress disorder.

10          “(c) *MILITARY DECORATION DEFINED.*—In this sec-  
 11 tion, the term ‘military decoration’ means the Navy cross,  
 12 distinguished-service medal, silver star medal, distinguished  
 13 flying cross, or Navy and Marine Corps Medal. The term  
 14 does not include the medal of honor.”.

15          (2) *CLERICAL AMENDMENT.*—The table of sec-  
 16 tions at the beginning of such chapter is amended by  
 17 adding at the end the following new item:

“6259. *Military decorations: limitations on revocation.*”.

18          (c) *AIR FORCE.*—

19           (1) *LIMITATIONS.*—Chapter 857 of title 10,  
 20 United States Code, is amended by adding at the end  
 21 the following new section:

22       **“§8757. Military decorations: limitations on revoca-**  
 23               **tion**

24           “(a) *LIMITATIONS.*—Except as provided in subsection  
 25 (b), the President or the Secretary of the Air Force may

1 *not authorize the revocation of a military decoration after*  
 2 *the actual award of the military decoration to a member*  
 3 *of the armed forces under the jurisdiction of the Secretary.*

4 “(b) *EXCEPTIONS.*—(1) *Subsection (a) does not apply*  
 5 *to the revocation of a military decoration if the revocation*  
 6 *is ordered on account of—*

7 “(A) *the acquisition of new or additional infor-*  
 8 *mation that calls into question the service for which*  
 9 *the member was awarded the military decoration; or*

10 “(B) *the conviction of the member for a felony.*

11 “(2) *In applying the exception described in paragraph*  
 12 *(1)(B), the President and the Secretary of the Air Force*  
 13 *shall take into account, as an extenuating factor, whether*  
 14 *the member has been diagnosed with traumatic brain injury*  
 15 *or post-traumatic stress disorder.*

16 “(c) *MILITARY DECORATION DEFINED.*—*In this sec-*  
 17 *tion, the term ‘military decoration’ means the Air Force*  
 18 *cross, distinguished-service medal, silver star, distinguished*  
 19 *flying cross, or Airman’s Medal. The term does not include*  
 20 *the medal of honor.”.*

21 (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 22 *tions at the beginning of such chapter is amended by*  
 23 *adding at the end the following new item:*

“8757. *Military decorations: limitations on revocation.*”.

1 **SEC. 572. AUTHORIZATION FOR AWARD OF EXPEDITIONARY**  
 2 **MEDAL TO CERTAIN MARINES FOR ACTIONS**  
 3 **ON JUNE 8, 1995.**

4 *Notwithstanding any time limitation with respect to*  
 5 *the awarding of certain medals to persons who served in*  
 6 *the Armed Forces, the Secretary of Defense may award the*  
 7 *Armed Forces Expeditionary Medal to a member or former*  
 8 *member of the 24th Marine Expeditionary Unit, Special*  
 9 *Operations Capable, for the mission to rescue Captain Scott*  
 10 *O'Grady, United States Air Force, from Bosnia on June*  
 11 *8, 1995.*

12 ***Subtitle I—Miscellaneous Reports***  
 13 ***and Other Matters***

14 **SEC. 581. PUBLIC AVAILABILITY OF TOP-LINE NUMBERS OF**  
 15 **DEPLOYED MEMBERS OF THE ARMED**  
 16 **FORCES.**

17 *(a) IN GENERAL.—Except as provided in subsection*  
 18 *(b), the Secretary of Defense shall make publicly available*  
 19 *the top-line numbers of members of the Armed Forces de-*  
 20 *ployed for each country.*

21 *(b) WAIVER.—*

22 *(1) IN GENERAL.—The Secretary may waive the*  
 23 *requirement under subsection (a) in the case of a sen-*  
 24 *sitive military operation if—*

25 *(A) the Secretary determines the public dis-*  
 26 *closure of the number of deployed members of the*

1        *Armed Forces could reasonably be expected to*  
 2        *provide an operational military advantage to an*  
 3        *adversary; or*

4                *(B) members of the Armed Forces are de-*  
 5        *ployed for a period that does not exceed 30 days.*

6                *(2) NOTICE.—If the Secretary issues a waiver*  
 7        *under this subsection, the Secretary submit to the con-*  
 8        *gressional defense committees a notice of the waiver*  
 9        *and the reasons for the determination that led to the*  
 10       *waiver.*

11               *(c) SENSITIVE MILITARY OPERATION DEFINED.—The*  
 12       *term “sensitive military operation” has the meaning given*  
 13       *that term in section 130f(d) of title 10, United States Code.*

14       **SEC. 582. CRITERIA FOR INTERMENT AT ARLINGTON NA-**  
 15                **TIONAL CEMETERY.**

16               *(a) CRITERIA.—The Secretary of the Army, in con-*  
 17       *sultation with the Secretary of Defense, shall prescribe re-*  
 18       *vised criteria for interment at Arlington National Cemetery*  
 19       *that preserve Arlington National Cemetery as an active*  
 20       *burial ground “well into the future,” as that term is used*  
 21       *in the report submitted by the Secretary of the Army to*  
 22       *the Committees on Veterans’ Affairs and the Committees on*  
 23       *Armed Services of the House of Representatives and the*  
 24       *Senate, dated February 14, 2017, and titled “The Future*

1 *of Arlington National Cemetery: Report on the Cemetery's*  
2 *Interment and Inurnment Capacity 2017"*.

3 (b) *DEADLINE.*—*The Secretary of the Army shall es-*  
4 *tablish the criteria under subsection (a) not later than Sep-*  
5 *tember 30, 2019.*

6 **SEC. 583. REPORT ON GENERAL AND FLAG OFFICER COSTS.**

7 *Not later than nine months after the date of the enact-*  
8 *ment of this Act, the Secretary of Defense shall submit to*  
9 *the congressional defense committees a report on general*  
10 *and flag officer costs. Such report shall include cost esti-*  
11 *mates for direct and indirect costs associated with general*  
12 *and flag officers generally and for specific positions in ac-*  
13 *cordance with the recommendations of the Office of the Sec-*  
14 *retary of Defense-Cost Assessment and Program Evaluation*  
15 *report entitled "Defining General and Flag Officer Costs"*  
16 *dated December 2017, including—*

17 (1) *direct compensation for all general and flag*  
18 *officers and for specific general and flag officer posi-*  
19 *tions, using the full cost of manpower model to esti-*  
20 *mate where possible;*

21 (2) *personal money allowances for positions that*  
22 *receive an allowance;*

23 (3) *deferred compensation and health care costs*  
24 *for all general and flag officers and for specific gen-*  
25 *eral and flag officer positions;*

1           (4) costs associated with providing security de-  
2       tails for specific general and flag officer positions that  
3       merit continuous security;

4           (5) costs associated with Government and com-  
5       mercial travel for general and flag officers who qual-  
6       ify for tier one or two travel, including commercial  
7       travel costs using defense travel system data;

8           (6) general flag officer per diems for specific po-  
9       sitions, based on average travel per diem costs;

10          (7) costs for enlisted and officer aide housing for  
11       general and flag officers generally and for specific  
12       general and flag officer positions, including basic  
13       housing assistance costs for staff;

14          (8) on a case-by-case basis, costs associated with  
15       enlisted and officer aide travel, taking into consider-  
16       ation the cost of data collection;

17          (9) costs associated with additional support staff  
18       for general and flag officers and their travel, equip-  
19       ment, and per diem costs for all general and flag offi-  
20       cers and specific general and flag officer positions  
21       based on the average numbers per general or flag offi-  
22       cer and estimations using the full cost of manpower  
23       model;



1           (10) costs associated with the upkeep and main-  
2           tenance of official residences not captured by basic  
3           housing assistance; and

4           (11) costs associated with training for general  
5           and flag officers generally and specific general and  
6           flag officer positions using estimations from the full  
7           cost of manpower model.

8   **SEC. 584. REPORT ON OUTSIDE EMPLOYMENT OF SENIOR**  
9           **PERSONNEL.**

10          (a) *REPORT REQUIRED.*—Not later than 18 months  
11          after the date of the enactment of this Act, and annually  
12          thereafter, the Secretary of Defense shall submit a report  
13          to Congress on requests by senior personnel for approval  
14          of outside employment during the preceding fiscal year.

15          (b) *ELEMENTS.*—The report under this section shall  
16          contain the following regarding:

17               (1) *The number of such requests.*

18               (2) *The number of such requests approved.*

19               (3) *The types of positions for which senior per-*  
20               *sonnel made such requests.*

21               (4) *The range and average of the time commit-*  
22               *ment for such positions.*

23               (5) *The range and average of the compensation*  
24               *for such positions.*

1           (6) *Any ethical lapses or abuses by senior per-*  
 2           *sonnel in the course of employment pursuant to ap-*  
 3           *proved requests.*

4           (c) *SENIOR PERSONNEL DEFINED.*—*In this section,*  
 5           *the term “senior personnel” means any of the following:*

6           (1) *An officer in the regular or reserve compo-*  
 7           *nent of an armed force above the grade of O-6.*

8           (2) *An employee of the Department of Defense in*  
 9           *the Senior Executive Service.*

10 **SEC. 585. LIMITATION ON USE OF FUNDS PENDING SUB-**  
 11 **MITTAL OF REPORT ON ARMY MARKETING**  
 12 **AND ADVERTISING PROGRAM.**

13           (a) *REPORT REQUIRED.*—

14           (1) *IN GENERAL.*—*The Secretary of the Army*  
 15           *shall submit to the Committees on Armed Services of*  
 16           *the Senate and House of Representatives a report on*  
 17           *the recommendations contained in the audit con-*  
 18           *ducted by the Army Audit Agency of the Army’s Mar-*  
 19           *keting and Advertising Program concerning contract*  
 20           *oversight and return on investment.*

21           (2) *CONTENTS.*—*The report required by para-*  
 22           *graph (1) shall address each of the following:*

23           (A) *The mitigation and oversight measures*  
 24           *implemented to assure improved program return*  
 25           *and contract management including the estab-*

1        *lishment of specific goals to measure long-term*  
2        *effects of investments in marketing efforts.*

3                *(B) The establishment of a review process to*  
4        *regularly evaluate the effectiveness and efficiency*  
5        *of marketing efforts including efforts to better*  
6        *support the accessions missions of the Army.*

7                *(C) The increase of acquisition and mar-*  
8        *keting experience within the Army Marketing*  
9        *and Research Group (hereinafter in this section*  
10       *referred to as the “AMRG”).*

11               *(D) A workforce analysis of AMRG in co-*  
12       *operation with the Office of Personnel Manage-*  
13       *ment and industry experts assessing the AMRG*  
14       *organizational structure, staffing, and training,*  
15       *including an assessment of the workplace climate*  
16       *and culture internal to the AMRG.*

17               *(E) The establishment of an Army Mar-*  
18       *keting and Advisory Board comprised of senior*  
19       *Army and marketing and advertising leaders*  
20       *and an assessment of industry and service mar-*  
21       *keting and advertising best practices including a*  
22       *plan to incorporate relevant practices.*

23               *(F) The status of the implementation of*  
24       *contracting practices recommended by the Army*  
25       *Audit Agency’s audit of contracting oversight of*

1           *AMRG contained in Audit Report A-2018-0033-*  
 2           *MTH.*

3           **(b) LIMITATION ON USE OF FUNDS.**—*Not more than*  
 4   *60 percent of the amounts authorized to be appropriated*  
 5   *or otherwise made available in this Act for the AMRG for*  
 6   *fiscal year 2019 for advertising and marketing activities*  
 7   *may be obligated or expended until the Secretary of the*  
 8   *Army submits the report required by subsection (a).*

9           **(c) COMPTROLLER GENERAL REVIEW.**—*Not later than*  
 10   *90 days after the date of the submittal of the report required*  
 11   *by subsection (a), the Comptroller General of the United*  
 12   *States shall conduct a review of the results and implementa-*  
 13   *tion of the recommendations of the Army Audit Agency Au-*  
 14   *dits of the AMRG on contract oversight and return on in-*  
 15   *vestment. Such review shall include an assessment of the*  
 16   *effects of the implementation of the recommendations on the*  
 17   *AMRG leadership, workforce and business practices, and re-*  
 18   *turn on investment.*

19    **TITLE VI—COMPENSATION AND**  
 20    **OTHER PERSONNEL BENEFITS**  
 21    **Subtitle A—Pay and Allowances**

22    **SEC. 601 . PROMPT REVIEW OF REQUEST FOR IMMINENT**  
 23    **DANGER PAY.**

24           *Section 310(d)(1) of title 37, United States Code, is*  
 25    *amended by adding at the end the following new sentence:*

1 *“The Secretary of Defense shall issue a determination re-*  
 2 *garding special pay under this section not later than 90*  
 3 *days after receiving a request for such determination from*  
 4 *the commander of a geographic combatant command.”*

5 **SEC. 602 . APPLICATION OF BASIC ALLOWANCE FOR HOUS-**  
 6 **ING TO MEMBERS OF THE UNIFORMED SERV-**  
 7 **ICES IN THE VIRGIN ISLANDS.**

8 (a) *IN GENERAL.*—Section 403(b) of title 37, United  
 9 States Code, is amended—

10 (1) *in the heading, by inserting “AND THE VIR-*  
 11 *GIN ISLANDS” after “THE UNITED STATES”;*

12 (2) *in paragraph (1), by inserting “and the Vir-*  
 13 *gin Islands” after “the United States”; and*

14 (3) *in paragraphs (2), (3)(A), and (6), by insert-*  
 15 *ing “or the Virgin Islands” after “the United States”*  
 16 *each place it appears.*

17 (b) *CONFORMING AMENDMENTS.*—Section 403(c) of  
 18 title 37, United States Code, is amended—

19 (1) *in the heading, by inserting “OR THE VIRGIN*  
 20 *ISLANDS” after “THE UNITED STATES”; and*

21 (2) *in paragraphs (1), (2), (3)(A)(i), and (3)(B),*  
 22 *by inserting “or the Virgin Islands” after “the United*  
 23 *States” each place it appears.*

24 (c) *EFFECTIVE DATE.*—The amendments made by this  
 25 section shall take effect on the date of the enactment of this

1 *Act and shall apply to payments under section 403 of title*  
 2 *37, United States Code, beginning on January 1, 2019.*

3 **SEC. 603 . MANDATORY INCREASE IN INSURANCE COV-**  
 4 **ERAGE UNDER SERVICEMEMBERS’ GROUP**  
 5 **LIFE INSURANCE FOR MEMBERS DEPLOYED**  
 6 **TO COMBAT THEATERS OF OPERATION.**

7 *Section 1967(a)(3) of title 38, United States Code, is*  
 8 *amended—*

9 *(1) in subparagraph (A), by striking “subpara-*  
 10 *graphs (B) and (C)” and inserting “subparagraphs*  
 11 *(B), (C), and (D)”;* and

12 *(2) by adding at the end the following new sub-*  
 13 *paragraph:*

14 *“(D) In the case of a member who elects under*  
 15 *paragraph (2)(A) not to be insured under this section,*  
 16 *or who elects under subparagraph (B) to be insured*  
 17 *for an amount less than the maximum amount pro-*  
 18 *vided under subparagraph (A), and who is deployed*  
 19 *to a combat theater of operations the member—*

20 *“(i) shall be insured under this subchapter*  
 21 *for the maximum amount provided under sub-*  
 22 *paragraph (A) for the period of such deployment;*  
 23 *and*

24 *“(ii) upon the end of such deployment—*

1                   “(I) shall be insured in the amount  
 2                   elected by the member under subparagraph  
 3                   (B); or

4                   “(II) shall not be insured, if so elected  
 5                   under paragraph (2)(A)”.

6 **SEC. 604 . MILITARY HOUSING PRIVATIZATION INITIATIVE.**

7           (a) *PAYMENT AUTHORITY.*—Each month beginning on  
 8 the first month after the date of the enactment of this Act,  
 9 the Secretary shall pay a lessor of covered housing 5 percent  
 10 of the amount calculated under section 403(b)(3)(A)(i) of  
 11 title 37, United States Code, for the area in which the cov-  
 12 ered housing exists. Any such payment shall be in addition  
 13 to any other payment made by the Secretary to that lessor.

14           (b) *PLAN FOR MHPI HOUSING.*—Not later than De-  
 15 cember 1, 2018, the Secretary shall submit to the congres-  
 16 sional defense committees a long-range plan to develop  
 17 measures to consistently address the future sustainment, re-  
 18 capitalization, and financial condition of MHPI housing.  
 19 The plan shall include—

20                   (1) efforts to mitigate the losses incurred by  
 21 MHPI housing projects because of the reductions to  
 22 BAH under section 603 of the National Defense Au-  
 23 thorization Act for Fiscal Year 2016 (Public Law  
 24 114-92; 37 U.S.C. 403(b)(3)(B)); and

1           (2) *a full assessment of the effects of such reduc-*  
2           *tions (in relation to calculations of market rates for*  
3           *rent and utilities) on the financial condition of*  
4           *MHPI housing.*

5           (c) *REPORTING.—The Secretary shall direct the Assist-*  
6           *ant Secretary of Defense for Energy, Installations, and En-*  
7           *vironment to take the following steps regarding reports*  
8           *under section 2884(c) of title 10, United States Code:*

9                   (1) *Provide additional contextual information on*  
10           *MHPI housing to identify any differences in the cal-*  
11           *culation of debt coverage ratios and any effect of such*  
12           *differences on their comparability.*

13                   (2) *Immediately resume issuing such reports on*  
14           *the financial condition of MHPI housing.*

15                   (3) *Revise Department of Defense guidance on*  
16           *MHPI housing—*

17                           (A) *to ensure that relevant financial data*  
18                           *(such as debt coverage ratios) in such reports are*  
19                           *consistent and comparable in terms of the time*  
20                           *periods of the data collected;*

21                           (B) *to include a requirement that the sec-*  
22                           *retary of each military department includes*  
23                           *measures of future sustainment into each assess-*  
24                           *ments of MHPI housing projects; and*



1           (C) to require the secretary of each military  
2           department to define risk tolerance regarding the  
3           future sustainability of MHPI housing projects.

4           (4) Report financial information on future  
5           sustainment of each MHPI housing project in such re-  
6           ports.

7           (5) Provide Department of Defense guidance to  
8           the secretaries of the military departments to—

9                   (A) assess the significance of the specific  
10           risks to individual MHPI housing projects from  
11           the reduction in BAH; and

12                   (B) identify methods to mitigate such risks  
13           based on their significance.

14           (6) Not later than December 1, 2018, finalize De-  
15           partment of Defense guidance that clearly defines—

16                   (A) the circumstances in which the military  
17           departments shall provide notification of housing  
18           project changes to the congressional defense com-  
19           mittees; and

20                   (B) which types of such changes require  
21           prior notification to or prior approval from the  
22           congressional defense committees.

23           (d) *DEFINITIONS.*—In this section:

1           (1) *The term “BAH” means the basic allowance*  
 2           *for housing under section 403 of title 37, United*  
 3           *States Code.*

4           (2) *The term “covered housing” means a unit of*  
 5           *MHPI housing that is leased to a member of a uni-*  
 6           *formed service who resides in such unit.*

7           (3) *The term “MHPI housing” means housing*  
 8           *acquired or constructed under the alternative author-*  
 9           *ity of subchapter IV of chapter 169 of title 10, United*  
 10          *States Code (known as the Military Housing Privat-*  
 11          *ization Initiative).*

12 **SEC. 605 . PER DIEM ALLOWANCE POLICIES.**

13          (a) *POLICY AND REGULATIONS.—*

14           (1) *EXISTING POLICY AND REGULATIONS.—The*  
 15           *Secretary of each military department may not im-*  
 16           *plement the policy in the memorandum dated October*  
 17           *1, 2014, titled “UTD/CTS for MAP 118-13/CAP 118-*  
 18           *13 – Flat Rate Per Diem for Long Term TDY”, re-*  
 19           *garding per diem allowances, or any regulations pre-*  
 20           *scribed pursuant to such memorandum, on or after*  
 21           *the date of the enactment of this Act.*

22           (2) *FUTURE POLICY AND REGULATIONS.—(A)*  
 23           *The Secretary of each military department concerned*  
 24           *may not implement a new policy regarding per diem*  
 25           *allowances under section 474 of title 37, United*

1       *States Code, until after the Secretary of Defense issues*  
 2       *the report under subsection (b).*

3               *(B) The Secretary of the military department*  
 4       *concerned shall notify the appropriate congressional*  
 5       *committees not less than 60 days before implementing*  
 6       *a new policy regarding per diem allowances under*  
 7       *section 474 of title 37, United States Code.*

8       *(b) REPORT.—Not later than 180 days after the date*  
 9       *of the enactment of this Act, the Secretary of Defense shall*  
 10       *issue a report to the appropriate congressional committees*  
 11       *regarding options to reduce travel costs incurred by the De-*  
 12       *partment of Defense, including the adoption of practices*  
 13       *used by private entities.*

14       *(c) APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
 15       *this section, the term “appropriate congressional commit-*  
 16       *tees” means the congressional defense committees, the Com-*  
 17       *mittee on Homeland Security and Governmental Affairs of*  
 18       *the Senate, and the Committee on Oversight and Govern-*  
 19       *ment Reform of the House of Representatives.*

20       ***Subtitle B—Bonuses and Special***  
 21       ***Incentive Pays***

22       ***SEC. 611 . ONE-YEAR EXTENSION OF CERTAIN EXPIRING***  
 23       ***BONUS AND SPECIAL PAY AUTHORITIES.***

24       *(a) AUTHORITIES RELATING TO RESERVE FORCES.—*  
 25       *Section 910(g) of title 37, United States Code, relating to*

1 *income replacement payments for reserve component mem-*  
 2 *bers experiencing extended and frequent mobilization for ac-*  
 3 *tive duty service, is amended by striking “December 31,*  
 4 *2018” and inserting “December 31, 2019”.*

5 *(b) TITLE 10 AUTHORITIES RELATING TO HEALTH*  
 6 *CARE PROFESSIONALS.—The following sections of title 10,*  
 7 *United States Code, are amended by striking “December 31,*  
 8 *2018” and inserting “December 31, 2019”:*

9 *(1) Section 2130a(a)(1), relating to nurse officer*  
 10 *candidate accession program.*

11 *(2) Section 16302(d), relating to repayment of*  
 12 *education loans for certain health professionals who*  
 13 *serve in the Selected Reserve.*

14 *(c) AUTHORITIES RELATING TO NUCLEAR OFFI-*  
 15 *CERS.—Section 333(i) of title 37, United States Code, is*  
 16 *amended by striking “December 31, 2018” and inserting*  
 17 *“December 31, 2019”.*

18 *(d) AUTHORITIES RELATING TO TITLE 37 CONSOLI-*  
 19 *DATED SPECIAL PAY, INCENTIVE PAY, AND BONUS AU-*  
 20 *THORITIES.—The following sections of title 37, United*  
 21 *States Code, are amended by striking “December 31, 2018”*  
 22 *and inserting “December 31, 2019”:*

23 *(1) Section 331(h), relating to general bonus au-*  
 24 *thority for enlisted members.*

1           (2) *Section 332(g), relating to general bonus au-*  
 2           *thority for officers.*

3           (3) *Section 334(i), relating to special aviation*  
 4           *incentive pay and bonus authorities for officers.*

5           (4) *Section 335(k), relating to special bonus and*  
 6           *incentive pay authorities for officers in health profes-*  
 7           *sions.*

8           (5) *Section 336(g), relating to contracting bonus*  
 9           *for cadets and midshipmen enrolled in the Senior Re-*  
 10          *serve Officers' Training Corps.*

11          (6) *Section 351(h), relating to hazardous duty*  
 12          *pay.*

13          (7) *Section 352(g), relating to assignment pay or*  
 14          *special duty pay.*

15          (8) *Section 353(i), relating to skill incentive pay*  
 16          *or proficiency bonus.*

17          (9) *Section 355(h), relating to retention incen-*  
 18          *tives for members qualified in critical military skills*  
 19          *or assigned to high priority units.*

20          (e) *AUTHORITY TO PROVIDE TEMPORARY INCREASE IN*  
 21          *RATES OF BASIC ALLOWANCE FOR HOUSING.—Section*  
 22          *403(b)(7)(E) of title 37, United States Code, is amended*  
 23          *by striking “December 31, 2018” and inserting “December*  
 24          *31, 2019”.*

1                   ***Subtitle C—Other Matters***

2   ***SEC. 621 . EXPANSIONS OF INSTALLATION BENEFITS TO***  
 3                   ***SURVIVING SPOUSES, DEPENDENT CHIL-***  
 4                   ***DREN, AND OTHER NEXT OF KIN.***

5           *(a) ISSUANCE OF GOLD STAR INSTALLATION ACCESS*  
 6   *CARDS.—*

7                   *(1) ISSUANCE AND CONDITIONS ON USE.—*

8                           *(A) IN GENERAL.—Chapter 57 of title 10,*  
 9                   *United States Code, is amended by inserting*  
 10                   *after section 1126 the following new section:*

11   ***“§ 1126a. Gold Star Installation Access Card: issuance***  
 12                   ***and protections***

13           *“(a) ISSUANCE TO GOLD STAR SURVIVING SPOUSE*  
 14   *AND DEPENDENT CHILDREN OF DECEASED MEMBER RE-*  
 15   *QUIRED.—The Secretary concerned shall provide for the*  
 16   *issuance of a standardized Gold Star Installation Access*  
 17   *Card to the widow and dependent children of a deceased*  
 18   *member of the armed forces described in section 1126(a) of*  
 19   *this title to facilitate their ability to gain unescorted access*  
 20   *to military installations for the purpose of attending memo-*  
 21   *rial events, visiting gravesites, and obtaining the on-instal-*  
 22   *lation services and benefits to which they are entitled or*  
 23   *eligible.*

24           *“(b) ISSUANCE TO OTHER NEXT OF KIN AUTHOR-*  
 25   *IZED.—At the discretion of the Secretary concerned, the*

1 *Secretary concerned may provide the Gold Star Installation*  
2 *Access Card to the parents and other next of kin of a de-*  
3 *ceased member of the armed forces described in section*  
4 *1126(a) of this title.*

5       “(c) *SERVICE-WIDE ACCEPTANCE OF ACCESS CARD.—*  
6 *The Secretaries concerned shall work together to ensure that*  
7 *a Gold Star Installation Access Card issued by one armed*  
8 *force is accepted for access to military installations under*  
9 *the jurisdiction of another armed force.*

10       “(d) *PROTECTION OF INSTALLATION SECURITY.—In*  
11 *developing, issuing, and accepting the Gold Star Installa-*  
12 *tion Access Card, the Secretary concerned may take such*  
13 *measures as the Secretary concerned considers necessary—*

14               “(1) *to prevent fraud in the procurement or use*  
15       *of the Gold Star Installation Access Card;*

16               “(2) *to limit installation access to those areas of*  
17       *the installation that provide the services and benefits*  
18       *for which the recipient of the Gold Star Installation*  
19       *Access Card is entitled or eligible; and*

20               “(3) *to ensure that the availability and use of*  
21       *the Gold Star Installation Access Card does not ad-*  
22       *versely affect military installation security.*

23       “(e) *TERMINATION.—The Gold Star Installation Ac-*  
24 *cess Card for the widow and dependent children of a de-*  
25 *ceased member of the armed forces shall remain valid for*

1 *the life of the widow or child, regardless of subsequent mar-*  
 2 *ital status of the widow, subject to periodic renewal as de-*  
 3 *termined by the Secretary concerned to ensure military in-*  
 4 *stallation security.”.*

5 (B) *CLERICAL AMENDMENT.*—*The table of*  
 6 *sections at the beginning of chapter 57 of title*  
 7 *10, United States Code, is amended by inserting*  
 8 *after the item relating to section 1126 the fol-*  
 9 *lowing new item:*

*“1126a. Gold Star Installation Access Card: issuance and protections.”.*

10 (2) *APPLICABILITY OF CURRENT DEFINITIONS.*—  
 11 *Section 1126(d) of title 10, United States Code is*  
 12 *amended by striking the matter preceding paragraph*  
 13 *(1) and inserting the following: “In this section and*  
 14 *section 1126a of this title:”.*

15 (b) *EXTENSION OF COMMISSARY AND EXCHANGE BEN-*  
 16 *EFITS FOR REMARRIED SPOUSES WITH DEPENDENT CHIL-*  
 17 *DREN.*—

18 (1) *BENEFITS.*—*Section 1062 of title 10, United*  
 19 *States Code, is amended—*

20 (A) *by striking “The Secretary of Defense”*  
 21 *and inserting the following:*

22 *“(a) CERTAIN UNREARRIED FORMER SPOUSES.—*  
 23 *The Secretary of Defense”; and*

24 (B) *by adding at the end the following new*  
 25 *subsection:*



1       “(b) *CERTAIN REMARRIED SURVIVING SPOUSES.*—The  
 2   *Secretary of Defense shall prescribe such regulations as may*  
 3   *be necessary to provide that a surviving spouse of a deceased*  
 4   *member of the armed forces, regardless of the marital status*  
 5   *of the surviving spouse, who has guardianship of dependent*  
 6   *children of the deceased member is entitled to use com-*  
 7   *missary stores and MWR retail facilities to the same extent*  
 8   *and on the same basis as the unremarried surviving spouse*  
 9   *of a member of the uniformed services.”.*

10           (2) *CONFORMING AMENDMENTS.*—Section 1062  
 11       *of title 10, United States Code, is further amended—*

12                   (A) *by striking “commissary and exchange*  
 13                   *privileges” and inserting “use commissary stores*  
 14                   *and MWR retail facilities”; and*

15                   (B) *by adding at the end the following new*  
 16                   *subsection:*

17       “(c) *MWR RETAIL FACILITIES.*—The term ‘MWR re-  
 18   *tail facilities’ has the meaning given that term in section*  
 19   *1063(e) of this title.”.*

20           (3) *CLERICAL AMENDMENTS.*—

21                   (A) *SECTION HEADING.*—The heading of  
 22                   *section 1062 of title 10, United States Code, is*  
 23                   *amended to read as follows:*

1 **“§ 1062. Certain former spouses and surviving**  
 2 **spouses”.**

3 (B) *TABLE OF SECTIONS.*—*The table of sec-*  
 4 *tions at the beginning of chapter 54 of title 10,*  
 5 *United States Code, is amended by striking the*  
 6 *item relating to section 1062 and inserting the*  
 7 *following new item:*

*“1062. Certain former spouses and surviving spouses.”.*

8 **SEC. 622 . TRANSPORTATION ON MILITARY AIRCRAFT ON A**  
 9 **SPACE-AVAILABLE BASIS FOR DISABLED VET-**  
 10 **ERANS WITH A SERVICE-CONNECTED, PERMA-**  
 11 **NENT DISABILITY RATED AS TOTAL.**

12 (a) *AVAILABILITY OF TRANSPORTATION.*—*Section*  
 13 *2641b of title 10, United States Code, is amended—*

14 (1) *by redesignating subsection (f) as subsection*  
 15 *(g); and*

16 (2) *by inserting after subsection (e) the following*  
 17 *new subsection (f):*

18 *“(f) SPECIAL PRIORITY FOR CERTAIN DISABLED VET-*  
 19 *ERANS.—(1) The Secretary of Defense shall provide trans-*  
 20 *portation on scheduled and unscheduled military flights*  
 21 *within the continental United States and on scheduled over-*  
 22 *seas flights operated by the Air Mobility Command on a*  
 23 *space-available basis for any veteran with a service-con-*  
 24 *nected, permanent disability rated as total on the same*

1 basis as such transportation is provided to members of the  
2 armed forces entitled to retired or retainer pay.

3 “(2) The transportation priority required by para-  
4 graph (1) for veterans described in such paragraph applies  
5 whether or not the Secretary establishes the travel program  
6 authorized by this section.

7 “(3) In this subsection, the terms ‘veteran’ and ‘serv-  
8 ice-connected’ have the meanings given those terms in sec-  
9 tion 101 of title 38.”.

10 (b) *EFFECTIVE DATE.*—Subsection (f) of section 2641b  
11 of title 10, United States Code, as added by subsection (a),  
12 shall take effect at the end of the 90-day period beginning  
13 on the date of the enactment of this Act.

14 **SEC. 623 . EXTENSION OF PARKING EXPENSES ALLOWANCE**  
15 **TO CIVILIAN EMPLOYEES AT RECRUITING FA-**  
16 **CILITIES.**

17 Section 481i(b)(1) of title 37, United States Code, is  
18 amended by striking “as a recruiter for any” and inserting  
19 “at a recruiting facility”.

20 **SEC. 624 . ADVISORY BOARDS REGARDING MILITARY COM-**  
21 **MISSARIES AND EXCHANGES.**

22 The Secretary of Defense shall direct each commanding  
23 officer of a military base on which there is a military com-  
24 missary or exchange to establish an advisory board, com-  
25 prised of representatives of military or veterans service or-

1 *ganizations, to advise the commanding officer regarding the*  
2 *interests of patrons and beneficiaries of military com-*  
3 *missaries and exchanges.*

4 **SEC. 625 . STUDY AND REPORT ON DEVELOPMENT OF A SIN-**  
5 **GLE DEFENSE RESALE SYSTEM.**

6 *(a) STUDY.—The Secretary of Defense shall conduct a*  
7 *study to determine the feasibility of consolidating the mili-*  
8 *tary resale entities into a single defense resale system. Such*  
9 *study shall include the following:*

10 *(1) A financial assessment of consolidation of the*  
11 *military resale entities.*

12 *(2) A business case analysis of consolidation of*  
13 *the military resale entities.*

14 *(3) Organizational, operational, and business*  
15 *model integration plans for consolidation of the mili-*  
16 *tary resale entities.*

17 *(4) Determinations of which back-office processes*  
18 *and systems associated with finance and payment*  
19 *processing technologies the Secretary could convert to*  
20 *common technologies.*

21 *(b) REPORT.—Not later than January 1, 2019, the*  
22 *Secretary shall submit a report to the congressional defense*  
23 *committees regarding the study under subsection (a). That*  
24 *report shall contain the following:*

1           (1) *Details of the internal and external organiza-*  
2           *tional structures of a consolidated defense resale sys-*  
3           *tem.*

4           (2) *Recommendations of the Secretaries of each*  
5           *of the military departments regarding the plan to*  
6           *consolidate the military resale entities.*

7           (3) *The costs and associated plan for the merger*  
8           *of technologies or implementation of new technology*  
9           *from a third-party provider to standardize financial*  
10          *management and accounting processes of a consoli-*  
11          *dated defense resale system.*

12          (4) *Best practices to maximize reductions in*  
13          *costs associated with back-office retail payment proc-*  
14          *essing for a consolidated defense resale system.*

15          (5) *A timeline for converting the Defense Com-*  
16          *missary Agency into a non-appropriated fund instru-*  
17          *mentality under section 2484(j) of title 10, United*  
18          *States Code.*

19          (6) *A determination whether the business case*  
20          *analysis supports consolidation of the military resale*  
21          *entities.*

22          (7) *Recommendations of the Secretary for legis-*  
23          *lation related to consolidation of the military resale*  
24          *entities.*

1           (8) *Other elements the Secretary determines are*  
 2           *necessary for a successful evaluation of a consolida-*  
 3           *tion of the military resale entities.*

4           (c) *PROHIBITION ON USE OF FUNDS.*—None of the  
 5           amounts authorized to be appropriated or otherwise made  
 6           available in this Act may be obligated or expended for the  
 7           purpose of implementing consolidation of the military re-  
 8           sale entities until October 1, 2019.

9           (d) *MILITARY RESALE ENTITIES DEFINED.*—In this  
 10          section the term “military resale entities” means—

11                 (1) *the Defense Commissary Agency;*

12                 (2) *the Army and Air Force Exchange Service;*

13                 (3) *the Navy Exchange; and*

14                 (4) *the Marine Corps Exchange.*

15                         **TITLE VII—HEALTH CARE**  
 16                                 **PROVISIONS**

17                   **Subtitle A—TRICARE and Other**  
 18                                 **Health Care Benefits**

19           **SEC. 701. TRICARE MEDICARE ADVANTAGE DEMONSTRA-**  
 20                                 **TION PROGRAM.**

21           (a) *ESTABLISHMENT.*—

22                 (1) *IN GENERAL.*—Not later than two years after  
 23           the date of the enactment of this Act, the Secretary of  
 24           Defense, in consultation with the Secretary of Health  
 25           and Human Services, shall carry out a demonstration

1     *program under which, notwithstanding section*  
2     *1851(c)(3) of the Social Security Act (42 U.S.C.*  
3     *1395w-21(c)(3)), each covered individual is deemed,*  
4     *unless the individual (in accordance with a process*  
5     *specified by the Secretaries) elects otherwise, to have*  
6     *elected to receive benefits under title XVIII of such*  
7     *Act (42 U.S.C. 1395 et seq.) through a participating*  
8     *MA plan, with respect to the military health system*  
9     *region involved, (and shall be enrolled in such plan)*  
10    *for each plan year during which such demonstration*  
11    *program is carried out. In carrying out the dem-*  
12    *onstration program, the Secretary shall ensure that a*  
13    *covered individual who is enrolled in an MA plan in*  
14    *a military health system region selected under para-*  
15    *graph (3) that is not a participating MA plan may*  
16    *remain in such non-participating MA plan without*  
17    *making an election through such process specified in*  
18    *the previous sentence.*

19           (2) *DURATION.—Subject to subsection (d), the*  
20    *demonstration program established under paragraph*  
21    *(1) shall be carried out for a period of not less than*  
22    *two plan years.*

23    (b) *PARTICIPATING MA PLANS.—*

24           (1) *DEFINITION.—For purposes of this section,*  
25    *the term “participating MA plan” means, with re-*

1        *spect to a military health system region selected*  
2        *under paragraph (3) and a plan year beginning dur-*  
3        *ing the period during which the demonstration project*  
4        *is carried out, an eligible Medicare Advantage plan*  
5        *that enters into a contract under paragraph (2) with*  
6        *the Secretary of Defense to participate in the dem-*  
7        *onstration program under this section for such plan*  
8        *year.*

9                (2) *SELECTION OF PLANS.—*

10                (A) *IN GENERAL.—The Secretary shall,*  
11                *after consultation with the TRICARE managed*  
12                *care support contractor in each military health*  
13                *system region selected under paragraph (3) and*  
14                *with respect to each plan year beginning the pe-*  
15                *riod during which such demonstration program*  
16                *is carried out, enter into a contract with one or*  
17                *more eligible Medicare Advantage plans de-*  
18                *scribed in subparagraph (B) to participate in*  
19                *the demonstration program for such plan year,*  
20                *with respect to such military health system re-*  
21                *gion. Under such contract, the Medicare Advan-*  
22                *tage organization offering such plan, with re-*  
23                *spect to such military health system region, shall*  
24                *agree to provide coverage under such plan to all*



covered individuals residing in such region during such plan year.

(B) *ELIGIBLE MEDICARE ADVANTAGE PLAN.*—For purposes of this section, an eligible Medicare Advantage plan, with respect to a military health system region selected under paragraph (3), is an MA plan that satisfies the following conditions, with respect to a plan year beginning during the period during which the demonstration program is carried out:

(i) *The Medicare Advantage organization offering the plan has in effect a contract with the Secretary of Health and Human Services under section 1857 of the Social Security Act (42 U.S.C. 1395w–27) for offering such plan to MA eligible individuals in such military health system region with respect to such plan year.*

(ii) *The plan is, or is treated as, a qualifying plan under section 1853(o)(3) of such Act (42 U.S.C. 1395w–23(o)(3)), with respect to such plan year.*

(3) *SELECTION OF MILITARY HEALTH SYSTEM REGIONS.*—The Secretary shall select two military health system regions in which to carry out the dem-

1        *onstration program, one from each TRICARE man-*  
2        *aged care support contractor region. Each such region*  
3        *shall have a large concentration of beneficiaries eligi-*  
4        *ble for TRICARE for Life.*

5        *(c) COSTS OF PROGRAM.—*

6            *(1) DEPARTMENT OF DEFENSE.—The Secretary*  
7        *shall bear the costs to the Department of Defense and*  
8        *realize any potential savings to the Department that*  
9        *result from the demonstration program.*

10          *(2) COST NEUTRALITY.—The costs paid under*  
11        *the demonstration program by the United States to*  
12        *the participating Medicare Advantage plans, and the*  
13        *costs paid by the United States pursuant to*  
14        *TRICARE for Life, for the period of the demonstra-*  
15        *tion program, with respect to covered individuals en-*  
16        *rolled in such plans during such period, may not ex-*  
17        *ceed the estimated costs that would have been paid by*  
18        *the United States during such period for providing*  
19        *health care benefits to such individuals through the*  
20        *original Medicare fee-for-service program under parts*  
21        *A and B of title XVIII of the Social Security Act and*  
22        *TRICARE for Life, as adjusted to account for the age,*  
23        *location, and health status of the population.*

24        *(d) CERTIFICATIONS REQUIRED TO CARRY OUT PRO-*  
25        *GRAM.—*

1           (1) *CERTIFICATIONS.*—Not later than one year  
2     after the date of the enactment of this Act, and annu-  
3     ally thereafter for each plan year occurring during  
4     the period during which the demonstration program  
5     is carried out, the Secretary shall submit to the ap-  
6     propriate congressional committees a report and cer-  
7     tification on the demonstration program. If the Sec-  
8     retary does not submit the certification by such date  
9     each year, the Secretary may not carry out the dem-  
10    onstration program for the plan year or any subse-  
11    quent plan year.

12           (2) *ELEMENTS.*—Each report and certification  
13    under paragraph (1), with respect to a plan year,  
14    shall include the following:

15           (A) *Except for the first report and certifi-*  
16    *cation submitted under paragraph (1)—*

17           (i) *a certification that the demonstra-*  
18    *tion program maintains cost neutrality*  
19    *pursuant to subsection (c)(2);*

20           (ii) *the number of covered individuals*  
21    *eligible to be enrolled in the demonstration*  
22    *program and the number of covered individ-*  
23    *uals who opted out of such enrollment in*  
24    *each participating MA plan in each such*  
25    *region; and*

1                   (iii) an assessment of the number of  
2                   covered individuals enrolled in partici-  
3                   pating Medicare Advantage plans under the  
4                   demonstration program that have reached  
5                   the limit on out-of-pocket expenditures ap-  
6                   plied under the respective plan.

7                   (B) A certification that the access standards  
8                   for the TRICARE program are met in the Medi-  
9                   care Advantage plans selected under subsection  
10                  (b)(2).

11                  (C) A description of the average premium  
12                  rates, and copayments or cost sharing, if any,  
13                  for each participating MA plan in each military  
14                  health system region selected under subsection  
15                  (b)(3).

16                  (D) A description of the quality rating de-  
17                  termined under the 5-star rating system under  
18                  section 1853(o)(4) of the Social Security Act (42  
19                  U.S.C. 1395w-23(o)(4)) for such plan year for  
20                  each participating MA plan.

21                  (E) Any recommendations by the Secretary  
22                  with respect to any legislative actions to improve  
23                  the demonstration program.

24                  (e) *REPORT*.—Not later than three years after the date  
25                  of the enactment of this Act, the Secretary shall submit to

1 *the appropriate congressional committees a report pro-*  
2 *viding a comprehensive assessment of the demonstration*  
3 *program.*

4 *(f) REGULATIONS.—*

5 *(1) IN GENERAL.—The Secretary may prescribe*  
6 *regulations to expeditiously implement the demonstra-*  
7 *tion program under subsection (a).*

8 *(2) RULEMAKING.—The Secretary shall carry*  
9 *out paragraph (1)—*

10 *(A) by prescribing an interim final rule;*  
11 *and*

12 *(B) not later than 180 days after pre-*  
13 *scribing such interim final rule and considering*  
14 *public comments with respect to such interim*  
15 *final rule, by prescribing a final rule.*

16 *(g) DEFINITIONS.—In this section:*

17 *(1) The term “appropriate congressional com-*  
18 *mittees” means—*

19 *(A) the Committees on Armed Services,*  
20 *Ways and Means, and Energy and Commerce of*  
21 *the House of Representatives; and*

22 *(B) the Committees on Armed Services, Fi-*  
23 *nance, and Health, Education, Labor, and Pen-*  
24 *sions of the Senate.*

1           (2) *The term “covered individual” means an in-*  
2           *dividual who—*

3                   (A) *is a Medicare Advantage eligible indi-*  
4                   *vidual (as defined in section 1851(a)(3) of the*  
5                   *Social Security Act (42 U.S.C. 1395w–*  
6                   *21(a)(3)))*;

7                   (B) *is enrolled in TRICARE for Life; and*

8                   (C) *resides in a ZIP Code that is located—*

9                           (i) *in a military health system region*  
10                   *selected under subsection (b)(3); and*

11                           (ii) *at least 40 miles from a military*  
12                   *medical center or a military hospital de-*  
13                   *scribed in subsections (b) and (c) of section*  
14                   *1073d of title 10, United States Code.*

15           (3) *The term “Medicare Advantage organiza-*  
16           *tion” has the meaning given that term in section*  
17           *1859 of the Social Security Act (42 U.S.C. 1395w–*  
18           *28).*

19           (4) *The term “Medicare Advantage plan” means*  
20           *a health plan under part C of title XVIII of the So-*  
21           *cial Security Act (42 U.S.C. 1395w–21 et seq.).*

22           (5) *The term “plan year” has the meaning given*  
23           *such term for purposes of such part.*

24           (6) *The term “Secretary” means the Secretary of*  
25           *Defense.*

1           (7) *The terms “TRICARE program” and*  
2           *“TRICARE for Life” have the meanings given those*  
3           *terms in section 1072 of title 10, United States Code.*

4 **SEC. 702. PILOT PROGRAM ON TREATMENT OF MEMBERS OF**  
5                   **THE ARMED FORCES FOR POST-TRAUMATIC**  
6                   **STRESS DISORDER RELATED TO MILITARY**  
7                   **SEXUAL TRAUMA.**

8           (a) *IN GENERAL.—The Secretary of Defense may*  
9           *carry out a pilot program to assess the feasibility and ad-*  
10          *visability of using intensive outpatient programs to treat*  
11          *members of the Armed Forces suffering from post-traumatic*  
12          *stress disorder resulting from military sexual trauma, in-*  
13          *cluding treatment for substance abuse, depression, and other*  
14          *issues related to such conditions.*

15          (b) *DISCHARGE THROUGH PARTNERSHIPS.—The pilot*  
16          *program authorized by subsection (a) shall be carried out*  
17          *through partnerships with public, private, and non-profit*  
18          *health care organizations and institutions that—*

19               (1) *provide health care to members of the Armed*  
20               *Forces;*

21               (2) *provide evidence-based treatment for psycho-*  
22               *logical and neurological conditions that are common*  
23               *among members of the Armed Forces, including post-*  
24               *traumatic stress disorder, traumatic brain injury,*  
25               *substance abuse, and depression;*

1           (3) provide health care, support, and other bene-  
2       fits to family members of members of the Armed  
3       Forces; and

4           (4) provide health care under the TRICARE pro-  
5       gram (as that term is defined in section 1072 of title  
6       10, United States Code).

7       (c) *PROGRAM ACTIVITIES.*—Each organization or in-  
8       stitution that participates in a partnership under the pilot  
9       program authorized by subsection (a) shall—

10           (1) carry out intensive outpatient programs of  
11       short duration to treat members of the Armed Forces  
12       suffering from post-traumatic stress disorder resulting  
13       from military sexual trauma, including treatment for  
14       substance abuse, depression, and other issues related  
15       to such conditions;

16           (2) use evidence-based and evidence-informed  
17       treatment strategies in carrying out such programs;

18           (3) share clinical and outreach best practices  
19       with other organizations and institutions partici-  
20       pating in the pilot program; and

21           (4) annually assess outcomes for members of the  
22       Armed Forces individually and among the organiza-  
23       tions and institutions participating in the pilot pro-  
24       gram with respect to the treatment of conditions de-  
25       scribed in paragraph (1).



1       (d) *EVALUATION METRICS.*—*Before commencement of*  
2 *the pilot program, the Secretary shall establish metrics to*  
3 *be used to evaluate the effectiveness of the pilot program*  
4 *and the activities under the pilot program.*

5       (e) *REPORTS.*—

6           (1) *INITIAL REPORT.*—*Not later than 180 days*  
7 *after the date of the enactment of this Act, the Sec-*  
8 *retary shall submit to the Committees on Armed Serv-*  
9 *ices of the Senate and the House of Representatives a*  
10 *report on the pilot program authorized by subsection*  
11 *(a). The report shall include a description of the pilot*  
12 *program and such other matters on the pilot program*  
13 *as the Secretary considers appropriate.*

14          (2) *FINAL REPORT.*—*Not later than 180 days*  
15 *after the cessation of the pilot program under sub-*  
16 *section (f), the Secretary shall submit to the commit-*  
17 *tees of Congress referred to in paragraph (1) a report*  
18 *on the pilot program. The report shall include the fol-*  
19 *lowing:*

20           (A) *A description of the pilot program, in-*  
21 *cluding the partnership under the pilot program*  
22 *as described in subsection (b).*

23           (B) *An assessment of the effectiveness of the*  
24 *pilot program and the activities under the pilot*  
25 *program.*

1           (C) *Such recommendations for legislative or*  
2           *administrative action as the Secretary considers*  
3           *appropriate in light of the pilot program, in-*  
4           *cluding recommendations for extension or mak-*  
5           *ing permanent the authority for the pilot pro-*  
6           *gram.*

7           (f) *TERMINATION.*—*The Secretary may not carry out*  
8           *the pilot program authorized by subsection (a) after the date*  
9           *that is three years after the date of the enactment of this*  
10          *Act.*

11       **SEC. 703. PILOT PROGRAM ON CRYOPRESERVATION AND**  
12               **STORAGE.**

13          (a) *IN GENERAL.*—*The Secretary of Defense shall es-*  
14          *tablish a pilot program to provide not greater than 1,000*  
15          *members of the Armed Forces on active duty in the Armed*  
16          *Forces with the opportunity to cryopreserve and store their*  
17          *gametes prior to deployment to a combat zone.*

18          (b) *PERIOD OF TIME.*—

19               (1) *IN GENERAL.*—*The Secretary shall provide*  
20          *for the cryopreservation and storage of gametes of a*  
21          *participating member of the Armed Forces under sub-*  
22          *section (a), at no cost to the member, in a facility of*  
23          *the Department of Defense or of a private entity pur-*  
24          *suant to a contract under subsection (d) until the*

1        *date that is one year after the retirement, separation,*  
2        *or release of the member from the Armed Forces.*

3            (2) *CONTINUED CRYOPRESERVATION AND STOR-*  
4        *AGE.—At the end of the one-year period specified in*  
5        *paragraph (1), the Secretary shall permit an indi-*  
6        *vidual whose gametes were cryopreserved and stored*  
7        *in a facility of the Department as described in that*  
8        *paragraph to select, including pursuant to an ad-*  
9        *vance medical directive or military testamentary in-*  
10       *strument completed under subsection (c), one of the*  
11       *following options:*

12            (A) *To continue such cryopreservation and*  
13        *storage in such facility with the cost of such*  
14        *cryopreservation and storage borne by the indi-*  
15        *vidual.*

16            (B) *To transfer the gametes to a private*  
17        *cryopreservation and storage facility selected by*  
18        *the individual.*

19            (3) *DISPOSAL OF GAMETES.—If an individual*  
20        *described in paragraph (2) does not make a selection*  
21        *under subparagraph (A) or (B) of such paragraph,*  
22        *the Secretary may dispose of the gametes of the indi-*  
23        *vidual not earlier than the date that is 90 days after*  
24        *the end of the one-year period specified in paragraph*  
25        *(1) with respect to the individual.*

1       (c) *ADVANCE MEDICAL DIRECTIVE AND MILITARY*  
 2 *TESTAMENTARY INSTRUMENT.*—A member of the Armed  
 3 Forces who elects to cryopreserve and store their gametes  
 4 under this section must complete an advance medical direc-  
 5 tive, as defined in section 1044c(b) of title 10, United States  
 6 Code, and a military testamentary instrument, as defined  
 7 in section 1044d(b) of such title, that explicitly specifies the  
 8 use of their cryopreserved and stored gametes if such mem-  
 9 ber dies or otherwise loses the capacity to consent to the  
 10 use of their cryopreserved and stored gametes.

11       (d) *AGREEMENTS.*—To carry out this section, the Sec-  
 12 retary may enter into agreements with private entities that  
 13 provide cryopreservation and storage services for gametes.

14                   ***Subtitle B—Health Care***  
 15                   ***Administration***

16 ***SEC. 711. TRANSITION OF ADMINISTRATION BY DEFENSE***  
 17                   ***HEALTH AGENCY OF MILITARY MEDICAL***  
 18                   ***TREATMENT FACILITIES.***

19       Section 1073c(a) of title 10, United States Code, is  
 20 amended—

21               (1) in paragraph (1), by striking “Beginning  
 22       October 1, 2018,” and inserting “In accordance with  
 23       paragraph (3), by not later than September 30,  
 24       2020,”;

1           (2) *by redesignating paragraphs (3) and (4) as*  
2           *paragraphs (4) and (5), respectively;*

3           (3) *by inserting after paragraph (2) the fol-*  
4           *lowing new paragraph (3):*

5           “(3)(A) *The Secretary of Defense shall establish a*  
6           *timeline to ensure that each Secretary of a military depart-*  
7           *ment transitions the administration of military medical*  
8           *treatment facilities from the respective Secretary to the Di-*  
9           *rector of the Defense Health Agency pursuant to paragraph*  
10          *(1) by the date specified in such paragraph.*

11          “(B) *In carrying out this subsection, and in addition*  
12          *to the requirements under section 1073d(e) of this title, the*  
13          *Secretary of Defense may not close any military medical*  
14          *treatment facility, limit the health services provided by a*  
15          *military medical treatment facility, or take any action to*  
16          *begin such a closure or limitation, until the date on which*  
17          *the Secretary submits to the congressional defense commit-*  
18          *tees a report containing the following:*

19                 “(i) *A certification that each Secretary of a mili-*  
20                 *tary department has completed the transition of the*  
21                 *administration of each military medical treatment fa-*  
22                 *cility from the respective Secretary to the Director of*  
23                 *the Defense Health Agency pursuant to paragraph*  
24                 *(1).*

1           “(ii) A description of the metrics used by the  
2       Secretary of Defense to ensure that such transition is  
3       completed.

4           “(iii) A description of a cohesive headquarters  
5       structure that delineates the roles and responsibilities  
6       for each military department, the Joint Staff Sur-  
7       geon, and the Defense Health Agency.

8           “(C) Not later than January 31, 2019, and every six  
9       months thereafter through September 30, 2020, the Director  
10      of the Defense Health Agency shall provide a briefing to  
11      the congressional defense committees on the progress of the  
12      transition under this paragraph.”; and

13           (4) in paragraph (3), as so redesignated, by  
14      striking “subsection (a)” and inserting “paragraph  
15      (1)”.

16   **SEC. 712. SHARING INFORMATION WITH STATE PRESCRIP-**  
17                           **TION DRUG MONITORING PROGRAMS.**

18           (a) *ESTABLISHMENT*.—Section 1074g of title 10,  
19   United States Code, is amended—

20           (1) by redesignating subsections (g) and (h) as  
21      subsections (h) and (i), respectively; and

22           (2) by inserting after subsection (f) the following  
23      new subsection:

24           “(g) *SHARING INFORMATION WITH STATE PRESCRIP-*  
25   *TION DRUG MONITORING PROGRAMS*.—(1) The Secretary

1 *shall establish and operate a prescription drug monitoring*  
2 *program (to be known as the Military Health System Pre-*  
3 *scription Drug Monitoring Program) for prescription drugs*  
4 *provided through facilities of the uniformed services.*

5       “(2) *The Secretary shall ensure that the program es-*  
6 *tablished under paragraph (1)—*

7               “(A) *is comparable to prescription drug moni-*  
8 *toring programs operated by States; and*

9               “(B) *covers prescription drugs provided under*  
10 *the pharmacy benefits program that are controlled*  
11 *substances.*

12       “(3)(A) *In carrying out the program established under*  
13 *paragraph (1), the Secretary shall establish appropriate*  
14 *procedures for sharing between the program and State pre-*  
15 *scription drug monitoring programs patient-specific infor-*  
16 *mation regarding prescription drugs that are controlled*  
17 *substances to prevent the misuse and diversion of opioid*  
18 *medications and other controlled substances.*

19       “(B) *For purposes of the regulations promulgated*  
20 *under section 264(c) of the Health Insurance Portability*  
21 *and Accountability Act of 1996 (Public Law 104–191; 42*  
22 *U.S.C. 1320d–2 note), any disclosure of patient-specific in-*  
23 *formation by the Secretary under subparagraph (A) shall*  
24 *be treated as a permitted disclosure.*

1       “(C) *The Secretary shall include in the procedures es-*  
2 *tablished under subparagraph (A) appropriate safeguards,*  
3 *as determined by the Secretary, concerning the cybersecu-*  
4 *rity of information systems of the Department of Defense*  
5 *systems and the operational security of personnel of the De-*  
6 *partment.*

7       “(4) *In this subsection, the term ‘controlled substance’*  
8 *has the meaning given that term in section 102 of the Con-*  
9 *trolled Substances Act (21 U.S.C. 802).’.*

10       (b) *BRIEFING.*—*Not later than one year after the date*  
11 *of the enactment of this Act, the Secretary of Defense shall*  
12 *provide to the Committees on Armed Services of the House*  
13 *of Representatives and the Senate a briefing on the imple-*  
14 *mentation of the program established under section*  
15 *1074g(g) of title 10, United States Code, as added by sub-*  
16 *section (a).*

17       (c) *CONFORMING AMENDMENTS.*—

18               (1) *TITLE 10, UNITED STATES CODE.*—*Section*  
19 *1079(q) of title 10, United States Code, is amended*  
20 *by striking “section 1074g(g)” and inserting “section*  
21 *1074g(h)”.*

22               (2) *FY16 NDAA.*—*Section 715(e)(2) of the Na-*  
23 *tional Defense Authorization Act for Fiscal Year 2016*  
24 *(Public Law 114–92; 10 U.S.C. 1074g note) is*



1       amended by striking “section 1074g(g)” and inserting  
 2       “section 1074g(h)”.

3               (3) *FY17 NDAA.—Section 745(b) of the National*  
 4       *Defense Authorization Act for Fiscal Year 2017 (Pub-*  
 5       *lic Law 114–328; 10 U.S.C. 1074 note) is amended*  
 6       *by striking “section 1074g(g)” and inserting “section*  
 7       *1074g(h)”.*

8       **SEC. 713. IMPROVEMENT TO NOTIFICATION TO CONGRESS**  
 9               **OF HOSPITALIZATION OF COMBAT-WOUNDED**  
 10              **MEMBERS OF THE ARMED FORCES.**

11       *Section 1074l(a) of title 10, United States Code, is*  
 12       *amended by striking “admitted to a military treatment fa-*  
 13       *cility within the United States” and inserting “admitted*  
 14       *to any military medical treatment facility”.*

15       **SEC. 714. IMPROVEMENTS TO TRAUMA CENTER PARTNER-**  
 16              **SHIPS.**

17       *Section 708(c) of the National Defense Authorization*  
 18       *Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.*  
 19       *1071 note) is amended—*

20               (1) *in paragraph (1), by striking “large metro-*  
 21       *politan teaching hospitals that have level I civilian”;*

22               (2) *in paragraph (2)—*

23                       (A) *by striking “with civilian academic*  
 24       *medical centers and large metropolitan teaching*  
 25       *hospitals”; and*

1                   (B) by striking “the trauma centers of the  
2                   medical centers and hospitals” and inserting  
3                   “trauma centers”; and  
4                   (3) in paragraph (3), by striking “large metro-  
5                   politan teaching hospitals” and inserting “trauma  
6                   centers”.

7   **SEC. 715. WOUNDED WARRIOR POLICY REVIEW.**

8           (a) *IN GENERAL*.—Not later than 180 days after the  
9   date of the enactment of this Act, the Secretary of Defense  
10 shall review and update policies and procedures relating  
11 to the care and management of recovering service members.  
12 In conducting such review, the Secretary shall consider best  
13 practices—

14                   (1) in the care of recovering service members;

15                   (2) in the administrative management relating  
16 to such care;

17                   (3) to carry out applicable provisions of Federal  
18 law; and

19                   (4) recommended by the Comptroller General of  
20 the United States in the report titled “Army Needs to  
21 Improve Oversight of Warrior Transition Units”.

22   (b) *SCOPE OF POLICY*.—In carrying out subsection  
23 (a), the Secretary shall update policies of the Department  
24 of Defense with respect to each of the following:

1           (1) *The case management coordination of mem-*  
2           *bers of the Armed Forces between the military depart-*  
3           *ments and the military medical treatment facilities*  
4           *administered by the Director of the Defense Health*  
5           *Agency pursuant to section 1073c of title 10, United*  
6           *States Code, including with respect to the coordina-*  
7           *tion of—*

8                     *(A) appointments;*

9                     *(B) rehabilitative services;*

10                    *(C) recuperation in an outpatient status;*

11                    *(D) contract care provided by a private*  
12           *health care provider outside of a military med-*  
13           *ical treatment facility;*

14                    *(E) the disability evaluation system; and*

15                    *(F) other administrative functions relating*  
16           *to the military department.*

17           (2) *The transition of a member of the Armed*  
18           *Forces who is retired under chapter 61 of title 10,*  
19           *United States Code, from receiving treatment fur-*  
20           *nished by the Secretary of Defense to treatment fur-*  
21           *nished by the Secretary of Veterans Affairs.*

22           (3) *Facility standards related to lodging and ac-*  
23           *commodations for recovering service members and the*  
24           *family members and non-medical attendants of such*  
25           *recovering service members.*

1       (c) *REPORT.*—Not later than one year after the date  
2 of the enactment of this Act, the Secretary of Defense and  
3 Secretaries of the military departments shall jointly submit  
4 to the Committees on Armed Services of the Senate and  
5 House of Representatives a report on the review conducted  
6 under subsection (a), including a description of the policies  
7 updated pursuant to subsection (b).

8       (d) *DEFINITIONS.*—In this section, the terms “dis-  
9 ability evaluation system”, “outpatient status”, and “recov-  
10 ering service members” have the meaning given those terms  
11 in section 1602 of the Wounded Warrior Act (title XVI of  
12 Public Law 110–181; 10 U.S.C. 1071 note).

13 **SEC. 716. JOINT FORCE MEDICAL CAPABILITIES DEVELOP-**  
14 **MENT AND STANDARDIZATION.**

15       (a) *DEVELOPMENT.*—The Secretary of Defense, in co-  
16 ordination with the Secretaries of the military departments  
17 and the Chairman of the Joint Chiefs of Staff, shall develop  
18 a process to establish required joint medical capabilities for  
19 members of the Armed Forces that meet the operational  
20 planning requirements of the combatant commands.

21       (b) *PROCESS.*—The process developed under subsection  
22 (a) shall include—

23               (1) the development of a joint medical estimate  
24 to determine the medical requirements for treating  
25 members of the Armed Forces who are wounded, ill,

1        *or injured during military operations, including with*  
 2        *respect to environmental health and force health pro-*  
 3        *tection.*

4            *(2) a process to review and revise military*  
 5        *health related mission essential tasks that are aligned*  
 6        *with health professional knowledge, skills, and abili-*  
 7        *ties; and*

8            *(3) a process to standardize the interoperability*  
 9        *of medical equipment and capabilities to the greatest*  
 10       *extent practicable to support the joint force.*

11        *(c) REPORT.—Not later than March 1, 2019, the Sec-*  
 12       *retary of Defense shall submit to the Committees on Armed*  
 13       *Services of the Senate and House of Representatives a re-*  
 14       *port describing the process developed under subsection (a).*

15        ***Subtitle C—Reports and Other***  
 16        ***Matters***

17       ***SEC. 721. ESTABLISHMENT OF TRISERVICE DENTAL RE-***  
 18       ***SEARCH PROGRAM.***

19        *(a) IN GENERAL.—Chapter 104 of title 10, United*  
 20       *States Code, is amended by adding at the end the following*  
 21       *new section:*

22       ***“§2117. Military dental research***

23       *“(a) DEFINITIONS.—In this section:*

1           “(1) *The term ‘military dental research’ means*  
2           *research on the furnishing of care and services by*  
3           *dentists in the armed forces.*

4           “(2) *The term ‘TriService Dental Research Pro-*  
5           *gram’ means the program of military dental research*  
6           *authorized under this section.*

7           “(b) *PROGRAM AUTHORIZED.—The Secretary of De-*  
8           *fense may establish at the University a program of military*  
9           *dental research.*

10          “(c) *TRISERVICE RESEARCH GROUP.—The TriService*  
11          *Dental Research Program shall be administered by a*  
12          *TriService Dental Research Group composed of Army,*  
13          *Navy, and Air Force dentists who are involved in military*  
14          *dental research and are designated by the Secretary con-*  
15          *cerned to serve as members of the group.*

16          “(d) *DUTIES OF GROUP.—The TriService Dental Re-*  
17          *search Group shall—*

18                 “(1) *develop for the Department of Defense rec-*  
19                 *ommended guidelines for requesting, reviewing, and*  
20                 *funding proposed military dental research projects;*  
21                 *and*

22                 “(2) *make available to Army, Navy, and Air*  
23                 *Force dentists and Department of Defense officials*  
24                 *concerned with military dental research—*

1           “(A) information about dental research  
2           projects that are being developed or carried out  
3           in the Army, Navy, and Air Force; and

4           “(B) expertise and information beneficial to  
5           the encouragement of meaningful dental research.

6           “(e) *RESEARCH TOPICS*.—For purposes of this section,  
7           military dental research includes research on the following  
8           issues:

9           “(1) Issues regarding how to improve the results  
10          of dental care and services provided in the armed  
11          forces in time of peace.

12          “(2) Issues regarding how to improve the results  
13          of dental care and services provided in the armed  
14          forces in time of war.

15          “(3) Issues regarding how to improve methods of  
16          training dental personnel.”.

17          (b) *CLERICAL AMENDMENT*.—The table of sections at  
18          the beginning of such chapter is amended by inserting after  
19          the item relating to section 2116 the following new section:

          “2117. Military dental research.”.

20       **SEC. 722. INCREASING THE NUMBER OF APPOINTED DIREC-**  
21                               **TORS OF THE HENRY M. JACKSON FOUNDA-**  
22                               **TION FOR THE ADVANCEMENT OF MILITARY**  
23                               **MEDICINE.**

24          Section 178(c)(1)(C) of title 10, United States Code,  
25          is amended to read as follows:

1                   “(C) six members appointed by the ex offi-  
 2                   cio members of the Council designated in sub-  
 3                   paragraphs (A) and (B).”.

4 **SEC. 723. EXTENSION OF AUTHORITY FOR JOINT DEPART-**  
 5 **MENT OF DEFENSE- DEPARTMENT OF VET-**  
 6 **ERANS AFFAIRS MEDICAL FACILITY DEM-**  
 7 **ONSTRATION FUND.**

8           Section 1704(e) of the National Defense Authorization  
 9 Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.  
 10 2573), as most recently amended by section 719 of the Na-  
 11 tional Defense Authorization Act for Fiscal Year 2018 (Pub-  
 12 lic Law 115–91; 131 Stat. 1440), is further amended by  
 13 striking “September 30, 2019” and inserting “September  
 14 30, 2020”.

15 **SEC. 724. INCLUSION OF GAMBLING DISORDER IN HEALTH**  
 16 **ASSESSMENTS AND RELATED RESEARCH EF-**  
 17 **FORTS OF THE DEPARTMENT OF DEFENSE.**

18           (a) *ANNUAL PERIODIC HEALTH ASSESSMENT.*—The  
 19 Secretary of Defense shall incorporate medical screening  
 20 questions specific to gambling disorder into annual periodic  
 21 health assessments conducted by the Department of Defense  
 22 for members of the Armed Forces.

23           (b) *RESEARCH EFFORTS.*—The Secretary shall incor-  
 24 porate into ongoing research efforts of the Department ques-  
 25 tions on gambling disorder, as appropriate, including by



1 *restoring such questions into the Health Related Behaviors*  
2 *Survey of Active Duty Military Personnel.*

3 **SEC. 725. MEDICAL SIMULATION TECHNOLOGY AND LIVE**  
4 **TISSUE TRAINING WITHIN THE DEPARTMENT**  
5 **OF DEFENSE.**

6 (a) *IN GENERAL.*—

7 (1) *USE OF SIMULATION TECHNOLOGY.*—*Except*  
8 *as provided by paragraph (2), the Secretary of De-*  
9 *fense shall use medical simulation technology before*  
10 *the use of live tissue training to train medical profes-*  
11 *sionals and combat medics of the Department of De-*  
12 *fense.*

13 (2) *DETERMINATION.*—*The use of live tissue*  
14 *training within the Department of Defense may be*  
15 *used as determined necessary by the medical chain of*  
16 *command.*

17 (b) *BRIEFING.*—*Not later than 180 days after the date*  
18 *of the enactment of this Act, the Secretary of Defense, in*  
19 *consultation with the Chairman of the Joint Chiefs of Staff*  
20 *and the Secretaries of the military departments, shall pro-*  
21 *vide a briefing to the Committees on Armed Services of the*  
22 *House of Representatives and the Senate on the use and*  
23 *benefit of medical simulation technology and live tissue*  
24 *training within the Department of Defense to train medical*

1 *professionals, combat medics, and members of the Special*  
 2 *Operations Forces.*

3 (c) *ELEMENTS.—The briefing under subsection (b)*  
 4 *shall include the following:*

5 (1) *A discussion of the benefits and needs of both*  
 6 *medical simulation technology and live tissue train-*  
 7 *ing.*

8 (2) *Ways and means to enhance and advance the*  
 9 *use of simulation technologies in training.*

10 (3) *An assessment of current medical simulation*  
 11 *technology requirements, gaps, and limitations.*

12 (4) *An overview of Department of Defense med-*  
 13 *ical training programs, as of the date of the briefing,*  
 14 *that use live tissue training and medical simulation*  
 15 *technologies.*

16 (5) *Any other matters the Secretary determines*  
 17 *appropriate.*

18 **SEC. 726. LIMITATION ON CHANGES TO FEDERAL EMER-**  
 19 **GENCY SERVICES CERTIFICATION LEVELS OF**  
 20 **THE AIR FORCE.**

21 *The Secretary of the Air Force may not transition*  
 22 *Federal Emergency Services certification levels from Emer-*  
 23 *gency Management Technician level to Emergency Medical*  
 24 *Responder level until the Secretary submits to the congres-*

1 sional defense committees a report that contains the fol-  
2 lowing:

3           (1) *Details on the process and factors the Air*  
4           *Force Emergency Medical Services Working Group*  
5           *used and considered to determine which military in-*  
6           *stallations would be required to transition Federal*  
7           *Emergency Services certification levels from Emer-*  
8           *gency Medical Technician level to Emergency Medical*  
9           *Responder level.*

10          (2) *The required base and community emergency*  
11          *response standards the Air Force Emergency Medical*  
12          *Services Working Group based such transition on, in-*  
13          *cluding information on where these standards are de-*  
14          *finied and how these standards were developed.*

15          (3) *Information on how the Air Force will meet*  
16          *the needs of trench rescue, water rescue, high angle*  
17          *rescue, and confined space rescue pursuant to Depart-*  
18          *ment of Defense Instructions with less Emergency*  
19          *Management Technician certified personnel.*

20          (4) *Information on the required response time*  
21          *standard for advanced life support and how the Air*  
22          *Force Emergency Medical Services Working Group*  
23          *determined a military installation could meet this*  
24          *standard.*

1           (5) *Details on any contingency plans the Air*  
2           *Force has developed when basic and advance life sup-*  
3           *port care and ambulance transport are unavailable as*  
4           *a result of these resources being used to transport pa-*  
5           *tients to medical facilities located off the military in-*  
6           *stallation.*

7   **SEC. 727. STRATEGIC MEDICAL RESEARCH PLAN.**

8           (a) *PLAN.*—Not later than 30 days after the date on  
9           *which the budget of the President for fiscal year 2020 is*  
10          *submitted to Congress pursuant to section 1105 of title 31,*  
11          *United States Code, the Secretary of Defense, in consulta-*  
12          *tion with the Secretaries of the military departments, shall*  
13          *submit to the congressional defense committees a com-*  
14          *prehensive strategic medical research plan.*

15          (b) *MATTERS INCLUDED.*—The plan under subsection  
16          (a) shall include the following:

17               (1) *A description of all medical research focus*  
18               *areas of the Department of Defense and a description*  
19               *of the coordination process to ensure the focus areas*  
20               *are linked to military readiness, joint force require-*  
21               *ments, and relevance to individuals eligible for care*  
22               *at military medical treatment facilities or through the*  
23               *TRICARE program.*

24               (2) *A description of the medical research projects*  
25               *funded under the Defense Health Program account*

1        *and the projects under the Congressional Directed*  
 2        *Medical Research Programs.*

3            (3) *A description of the process to ensure synergy*  
 4        *across the military medical research community to*  
 5        *address gaps in military medical research, minimize*  
 6        *duplication of research, and to promote collaboration*  
 7        *within research focus areas.*

8            (4) *A description of the efforts of the Secretary*  
 9        *to coordinate with other departments and agencies of*  
 10       *the Federal Government to increase awareness of com-*  
 11       *plementary medical research efforts that are being*  
 12       *carried out through the Federal Government.*

13    **SEC. 728. INDEPENDENT EVALUATION OF MENTAL HEALTH**  
 14                                    **CARE.**

15            (a) *IN GENERAL.*—*The Secretary of Defense shall seek*  
 16        *to enter into an agreement with a federally funded research*  
 17        *and development center to evaluate the management of men-*  
 18        *tal health care by the Defense Health Agency pursuant to*  
 19        *section 1073c(a) of title 10, United States Code.*

20            (b) *SELECTION.*—*The Secretary shall select a federally*  
 21        *funded research and development center under subsection*  
 22        (a) *that has expertise and a record of independent, peer-*  
 23        *reviewed publications with respect to—*

24            (1) *behavioral health research; and*

1           (2) *independent evaluations of mental health*  
2           *programs within the Department of Defense using*  
3           *multidisciplinary methods.*

4           (c) *MATTERS INCLUDED.—The evaluation under sub-*  
5           *section (a) shall include the following:*

6           (1) *An assessment of the management of mental*  
7           *health care by the Defense Health Agency, includ-*  
8           *ing—*

9                   (A) *how mental health care providers will*  
10           *be arranged within the command structure of the*  
11           *Agency; and*

12                   (B) *how mental health care policy and*  
13           *processes will be managed within the Agency.*

14           (2) *An assessment of the ability of each Surgeon*  
15           *General of the military departments to maintain the*  
16           *readiness of the military health workforce to deliver*  
17           *mental health care services operationally in support*  
18           *of deployed forces.*

19           (3) *An assessment of the coordination of behav-*  
20           *ioral health research efforts across the research con-*  
21           *tinuum.*

22           (4) *An assessment of the inclusion of evidence-*  
23           *based suicide prevention programs.*

24           (5) *A description of new processes to accelerate*  
25           *scientific research and delivery of breakthrough thera-*

1        *pies for traumatic brain injury, chronic traumatic*  
 2        *encephalopathy, and post-traumatic stress disorder.*

3            *(6) Plans to field medical devices approved by*  
 4        *the Food and Drug Administration that provide cli-*  
 5        *nicians with rapid, accurate assessments of traumatic*  
 6        *brain injury.*

7        *(d) SUBMISSION.—Not later than April 1, 2019, the*  
 8        *Secretary shall submit to the congressional defense commit-*  
 9        *tees a report on the evaluation under subsection (a).*

10    **SEC. 729. STUDY ON REIMBURSEMENT RATES FOR MENTAL**  
 11                    **HEALTH CARE PROVIDERS UNDER TRICARE**  
 12                    **PRIME AND TRICARE SELECT IN THE EAST**  
 13                    **AND WEST REGIONS OF THE TRICARE PRO-**  
 14                    **GRAM.**

15        *(a) STUDY.—The Secretary of Defense shall conduct a*  
 16        *study assessing the impact of using established rates to re-*  
 17        *imburse covered mental health care providers on the avail-*  
 18        *ability of such providers.*

19        *(b) ELEMENTS.—The study under subsection (a) shall*  
 20        *include the following:*

21            *(1) An evaluation of—*

22                    *(A) whether there are enough covered mental*  
 23                    *health care providers to adequately serve the*  
 24                    *beneficiaries under TRICARE Prime and the*  
 25                    *beneficiaries under TRICARE Select of each lo-*

1        *cality in the East and West regions of the*  
2        *TRICARE program, including in rural commu-*  
3        *nities in such regions; and*

4                *(B) whether the requirements under sections*  
5        *1079 (h)(1) and 1097b of title 10, United States*  
6        *Code, to use established rates to reimburse cov-*  
7        *ered mental health care providers limits the*  
8        *number of covered health care providers serving*  
9        *each locality in the East and West regions of the*  
10       *TRICARE program, including in rural commu-*  
11       *nities in such regions.*

12        *(2) An assessment of the impact of using estab-*  
13       *lished rates to reimburse covered mental health care*  
14       *providers on—*

15                *(A) the ability of beneficiaries under*  
16        *TRICARE Prime and beneficiaries under*  
17        *TRICARE Select beneficiaries to access appro-*  
18        *priate and timely mental health care in accord-*  
19        *ance with section 199.17 of title 32, Code of Fed-*  
20        *eral Regulations; and*

21                *(B) the availability of services provided by*  
22        *mental health care providers that are needed by*  
23        *members of the Armed Forces to be medically*  
24        *ready.*



1           (3) *Information about instances in which the*  
2           *Secretary provided or applied exceptions to estab-*  
3           *lished rates pursuant to sections 1079(h)(2) of title*  
4           *10, United States Code, to increase the number of cov-*  
5           *ered mental health care providers.*

6           (4) *A description of how the Secretary solicits*  
7           *and collects feedback from covered mental health care*  
8           *providers on established rates.*

9           (5) *A list of actions the Secretary has taken to*  
10          *address such feedback.*

11          (6) *Any legislative, regulatory, or policy rec-*  
12          *ommendations that are necessary to improve the over-*  
13          *all medical readiness of Armed Forces.*

14          (c) *REPORT.*—*Not later than one year after the date*  
15          *of the enactment of this Act, the Secretary shall submit to*  
16          *the Committee on Armed Services of the House of Represent-*  
17          *atives and the Committee on the Armed Services of the Sen-*  
18          *ate a report on the results of the study required under sub-*  
19          *section (a).*

20          (d) *BRIEFING.*—*Not later than 60 days after the date*  
21          *on which the report required under subsection (c) is sub-*  
22          *mitted to the Committee on Armed Services of the House*  
23          *of Representatives and the Committee on Armed Services*  
24          *of the Senate, the Secretary shall provide a briefing to such*

1 committees on the results of the study required under sub-  
2 section (a).

3 (e) *COMPTROLLER GENERAL REVIEW AND REPORT.*—  
4 Not later than 180 days after the date on which the report  
5 under subsection (c) is submitted to the Committee on  
6 Armed Services of the House of Representatives and the  
7 Committee on Armed Services of the Senate, the Com-  
8 troller General of the United States shall—

9 (1) review the report required under subsection  
10 (c); and

11 (2) submit to the Committee on Armed Services  
12 of the House of Representatives and the Committee on  
13 Armed Services of the Senate an assessment of—

14 (A) whether the results of the study required  
15 under subsection (a) are supported by the data  
16 and information examined in the study required  
17 under subsection (a); and

18 (B) the feasibility of any recommendations  
19 identified by the Secretary under subsection  
20 (b)(6).

21 (f) *DEFINITIONS.*—In this section:

22 (1) The term “established rate” means the pay-  
23 ment amount determined by the Secretary pursuant  
24 to sections 1079(h)(1) and 1097b of title 10, United

1       *States Code, and section 199.14 of title 32, Code of*  
2       *Federal Regulations.*

3           (2) *The term “covered mental health care pro-*  
4       *vider” means a mental health care provider under*  
5       *TRICARE Prime and TRICARE Select in the East*  
6       *and West regions of the TRICARE program.*

7           (3) *The term “mental health care provider”*  
8       *means a psychiatrist, clinical psychologist, certified*  
9       *psychiatric nurse specialist, certified clinical social*  
10      *worker, certified marriage and family therapist,*  
11      *TRICARE certified mental health counselor, pastoral*  
12      *counselor under the supervision of a physician, and*  
13      *supervised mental health counselor under the super-*  
14      *vision of a physician.*

15          (4) *The term locality means a geographic loca-*  
16      *tion—*

17            (A) *designated as a Prime Service Area*  
18            *under section 199.17(b)(1) of title 32, Code of*  
19            *Federal Regulations; and*

20            (B) *in which the Secretary entered into a*  
21            *contract under chapter 55 of title 10, United*  
22            *States Code, with a contractor under the*  
23            *TRICARE program to provide health care serv-*  
24            *ices to beneficiaries by TRICARE-authorized ci-*  
25            *vilian health care providers.*

1           (5) The terms “TRICARE Prime” and  
2           “TRICARE Select” have the meanings given those  
3           terms in section 1072 of title 10, United States Code.

4 **TITLE VIII—ACQUISITION POL-**  
5 **ICY, ACQUISITION MANAGE-**  
6 **MENT, AND RELATED MAT-**  
7 **TERS**

8 **Subtitle A—Streamlining of Defense**  
9 **Acquisition Statutes and Regu-**  
10 **lations**

11 **SEC. 800. EFFECTIVE DATES; COORDINATION OF AMEND-**  
12 **MENTS.**

13           (a) *EFFECTIVE DATES.*—

14               (1) *PARTS I AND II.*—Parts I and II of this sub-  
15           title, and the redesignations and amendments made  
16           by such parts, shall take effect on February 1, 2020.

17               (2) *PART III.*—Part III of this subtitle shall take  
18           effect on the date of the enactment of this Act.

19           (b) *COORDINATION OF AMENDMENTS.*—The redesigna-  
20           tions and amendments made by part II of this subtitle shall  
21           be executed—

22               (1) before the amendments made by part I of this  
23           subtitle; and

24               (2) after any amendments made by any other  
25           provisions of this Act.

**1 PART I—CONSOLIDATION OF DEFENSE ACQUI-**  
**2 TION STATUTES IN NEW PART V OF SUB-**  
**3 TITLE A OF TITLE 10, UNITED STATES CODE**

**4 SEC. 801. FRAMEWORK FOR NEW PART V OF SUBTITLE A.**

**5** (a) *IN GENERAL.*—Subtitle A of title 10, United States  
**6** Code, is amended by adding at the end the following new  
**7** part:

**8 “PART V—ACQUISITION**

“Chap. Sec.

“SUBPART A—GENERAL

“201. Definitions .....	3001
“203. General Matters .....	3021
“205. Defense Acquisition System .....	3051
“207. Budgeting and Appropriations Matters .....	3101
“209. Overseas Contingency Operations .....	3151

“SUBPART B—ACQUISITION PLANNING

“221. Planning and Solicitation Generally .....	3201
“223. Planning and Solicitation Relating to Particular Items or Services .....	3251

“SUBPART C—CONTRACTING METHODS AND CONTRACT TYPES

“241. Awarding of Contracts .....	3301
“243. Specific Types of Contracts .....	3351
“245. Task and Delivery Order Contracts (Multiple Award Contracts) ....	3401
“247. Acquisition of Commercial Items .....	3451
“249. Multiyear Contracts .....	3501
“251. Simplified Acquisition Procedures .....	3551
“253. Emergency and Rapid Acquisitions .....	3601
“255. Contracting With or Through Other Agencies .....	3651

“SUBPART D—GENERAL CONTRACTING REQUIREMENTS

“271. Truthful Cost or Pricing Data .....	3701
“273. Allowable Costs .....	3741
“275. Proprietary Contractor Data and Technical Data .....	3771
“277. Contract Financing .....	3801
“279. Contractor Audits and Accounting .....	3841
“281. Claims and Disputes .....	3861
“283. Foreign Acquisitions .....	3881
“285. Small Business Programs .....	3901
“287. Socioeconomic Programs .....	3961

*“SUBPART E—SPECIAL CATEGORIES OF CONTRACTING: MAJOR DEFENSE  
ACQUISITION PROGRAMS AND MAJOR SYSTEMS*

<i>“301. Major Defense Acquisition Programs .....</i>	<i>4001</i>
<i>“303. Weapon Systems Development and Related Matters .....</i>	<i>4071</i>
<i>“305. Other Matters Relating to Major Systems .....</i>	<i>4121</i>

*“SUBPART F—SPECIAL CATEGORIES OF CONTRACTING: RESEARCH,  
DEVELOPMENT, TEST, AND EVALUATION*

<i>“321. Research and Development Generally .....</i>	<i>4201</i>
<i>“323. Innovation .....</i>	<i>4301</i>
<i>“325. Department of Defense Laboratories .....</i>	<i>4351</i>
<i>“327. Research and Development Centers and Facilities .....</i>	<i>4401</i>
<i>“329. Operational Test and Evaluation; Developmental Test and Evalua- tion .....</i>	<i>4451</i>

*“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING*

<i>“341. Contracting for Performance of Civilian Commercial or Industrial Type Functions .....</i>	<i>4501</i>
<i>“343. Acquisition of Services .....</i>	<i>4541</i>
<i>“345. Acquisition of Information Technology .....</i>	<i>4571</i>

*“SUBPART H—CONTRACT MANAGEMENT*

<i>“361. Contract Administration .....</i>	<i>4601</i>
<i>“363. Prohibitions and Penalties .....</i>	<i>4651</i>
<i>“365. Contractor Workforce .....</i>	<i>4701</i>
<i>“367. Other Administrative and Miscellaneous Provisions .....</i>	<i>4751</i>

*“SUBPART I—DEFENSE INDUSTRIAL BASE*

<i>“381. Defense Industrial Base Generally .....</i>	<i>4801</i>
<i>“383. Loan Guarantee Programs .....</i>	<i>4861</i>
<i>“385. Procurement Technical Assistance Cooperative Agreement Program .....</i>	<i>4881</i>

**1 “Subpart A—General**

**2 “CHAPTER 201—DEFINITIONS**

**3 “SEC. 3001. [RESERVED].**

**4 [Reserved]**

**5 “CHAPTER 203—GENERAL MATTERS**

**6 “SEC. 3021. [RESERVED].**

**7 [Reserved]**

1     **“CHAPTER 205—DEFENSE ACQUISITION**  
2                             **SYSTEM**

3     **“SEC. 3051. [RESERVED].**

4         ***[Reserved]***

5             **“CHAPTER 207—BUDGETING AND**  
6                             **APPROPRIATIONS MATTERS**

7     **“SEC. 3101. [RESERVED].**

8         ***[Reserved]***

9     **“CHAPTER 209—OVERSEAS CONTINGENCY**  
10                            **OPERATIONS**

11    **“SEC. 3151. [RESERVED].**

12         ***[Reserved]***

13             **“Subpart B—Acquisition Planning**

14                    **“CHAPTER 221—PLANNING AND**  
15                            **SOLICITATION GENERALLY**

16    **“SEC. 3201. [RESERVED].**

17         ***[Reserved]***

18    **“CHAPTER 223—PLANNING AND SOLICITA-**  
19            **TION RELATING TO PARTICULAR**  
20            **ITEMS OR SERVICES**

21    **“SEC. 3251. [RESERVED].**

22         ***[Reserved]***

3                   **“CHAPTER 241—AWARDING OF**  
4                   **CONTRACTS**

6 *[Reserved]*

7       **“CHAPTER 243—SPECIFIC TYPES OF**  
8                   **CONTRACTS**

10      ***[Reserved]***

11 **“CHAPTER 245—TASK AND DELIVERY**  
12 **ORDER CONTRACTS (MULTIPLE**  
13 **AWARD CONTRACTS)**

15      *[Reserved]*

16                   **“CHAPTER 247—ACQUISITION OF**  
17                   **COMMERCIAL ITEMS**

19      *[Reserved]*

20     **“CHAPTER 249—MULTIYEAR CONTRACTS**

22 *[Reserved]*

23 **“CHAPTER 251—SIMPLIFIED ACQUISITION**  
24 **PROCEDURES**

26 *[Reserved]*



1    **“CHAPTER 253—EMERGENCY AND RAPID**  
2                                   **ACQUISITIONS**

3    **“SEC. 3601. [RESERVED].**

4        ***[Reserved]***

5    **“CHAPTER 255—CONTRACTING WITH OR**  
6                                   **THROUGH OTHER AGENCIES**

7    **“SEC. 3651. [RESERVED].**

8        ***[Reserved]***

9        **“Subpart D—General Contracting Requirements**

10       **“CHAPTER 271—TRUTHFUL COST OR**  
11                                   **PRICING DATA**

12    **“SEC. 3701. [RESERVED].**

13        ***[Reserved]***

14       **“CHAPTER 273—ALLOWABLE COSTS**

15    **“SEC. 3741. [RESERVED].**

16        ***[Reserved]***

17    **“CHAPTER     275—PROPRIETARY     CON-**  
18        **TRACTOR DATA AND TECHNICAL DATA**

19    **“SEC. 3771. [RESERVED].**

20        ***[Reserved]***

21    **“CHAPTER 277—CONTRACT FINANCING**

22    **“SEC. 3801. [RESERVED].**

23        ***[Reserved]***

1       **“CHAPTER 279—CONTRACTOR AUDITS**  
 2                               **AND ACCOUNTING**

3       **“SEC. 3841. [RESERVED].**

4               ***[Reserved]***

5       **“CHAPTER 281—CLAIMS AND DISPUTES**

6       **“SEC. 3861. [RESERVED].**

7               ***[Reserved]***

8       **“CHAPTER 283—FOREIGN ACQUISITIONS**

9       **“SEC. 3881. [RESERVED].**

10              ***[Reserved]***

11              **“CHAPTER 285—SMALL BUSINESS**  
 12                               **PROGRAMS**

13       **“SEC. 3901. [RESERVED].**

14              ***[Reserved]***

15              **“CHAPTER 287—SOCIOECONOMIC**  
 16                               **PROGRAMS**

17       **“SEC. 3961. [RESERVED].**

18              ***[Reserved]***

19       **“Subpart E—Special Categories of Contracting: Major**  
 20                               **Defense Acquisition Programs and Major Systems**

21              **“CHAPTER 301—MAJOR DEFENSE**  
 22                               **ACQUISITION PROGRAMS**

23       **“SEC. 4001. [RESERVED].**

24              ***[Reserved]***

1       **“CHAPTER 303—WEAPON SYSTEMS**  
2       **DEVELOPMENT AND RELATED MATTERS**

3       **“SEC. 4071. [RESERVED].**

4       ***[Reserved]***

5       **“CHAPTER 305—OTHER MATTERS**  
6       **RELATING TO MAJOR SYSTEMS**

7       **“SEC. 4121. [RESERVED].**

8       ***[Reserved]***

9       **“Subpart F—Special Categories of Contracting:**  
10       ***Research, Development, Test, and Evaluation***

11       **“CHAPTER 321—RESEARCH AND**  
12       **DEVELOPMENT GENERALLY**

13       **“SEC. 4201. [RESERVED].**

14       ***[Reserved]***

15       **“CHAPTER 323—INNOVATION**

16       **“SEC. 4301. [RESERVED].**

17       ***[Reserved]***

18       **“CHAPTER 325—DEPARTMENT OF**  
19       **DEFENSE LABORATORIES**

20       **“SEC. 4351. [RESERVED].**

21       ***[Reserved]***

22       **“CHAPTER 327—RESEARCH AND**  
23       **DEVELOPMENT CENTERS AND FACILITIES**

24       **“SEC. 4401. [RESERVED].**

25       ***[Reserved]***

1 **“CHAPTER 329—OPERATIONAL TEST AND**  
2 **EVALUATION; DEVELOPMENTAL TEST**  
3 **AND EVALUATION**

4 **“SEC. 4451. [RESERVED].**

5 ***[Reserved]***

6 ***“Subpart G—Other Special Categories Of Contracting***

7 **“CHAPTER 341—CONTRACTING FOR PER-**  
8 **FORMANCE OF CIVILIAN COMMERCIAL**  
9 **OR INDUSTRIAL TYPE FUNCTIONS**

10 **“SEC. 4501. [RESERVED].**

11 ***[Reserved]***

12 **“CHAPTER 343—ACQUISITION OF**  
13 **SERVICES**

14 **“SEC. 4541. [RESERVED].**

15 ***[Reserved]***

16 **“CHAPTER 345—ACQUISITION OF**  
17 **INFORMATION TECHNOLOGY**

18 **“SEC. 4571. [RESERVED].**

19 ***[Reserved]***

20 ***“Subpart H—Contract Management***

21 **“CHAPTER 361—CONTRACT**  
22 **ADMINISTRATION**

23 **“SEC. 4601. [RESERVED].**

24 ***[Reserved]***

1       **“CHAPTER 363—PROHIBITIONS AND**  
2                               **PENALTIES**

3   **“SEC. 4651. [RESERVED].**

4       ***[Reserved]***

5       **“CHAPTER 365—CONTRACTOR**  
6                               **WORKFORCE**

7   **“SEC. 4701. [RESERVED].**

8       ***[Reserved]***

9       **“CHAPTER 367—OTHER ADMINISTRATIVE**  
10                           **AND MISCELLANEOUS PROVISIONS**

11   **“SEC. 4751. [RESERVED].**

12       ***[Reserved]***

13                   **“Subpart I—Defense Industrial Base**

14       **“CHAPTER 381—DEFENSE INDUSTRIAL**  
15                           **BASE GENERALLY**

16   **“SEC. 4801. [RESERVED].**

17       ***[Reserved]***

18       **“CHAPTER 383—LOAN GUARANTEE**  
19                           **PROGRAMS**

20   **“SEC. 4861. [RESERVED].**

21       ***[Reserved]***

1 **“CHAPTER 385—PROCUREMENT TECH-**  
 2 **NICAL ASSISTANCE COOPERATIVE**  
 3 **AGREEMENT PROGRAM**

4 **“SEC. 4881. [RESERVED].**

5 **[Reserved]**

6 (b) *TABLE OF CHAPTERS AMENDMENT.—The table of*  
 7 *chapters at the beginning of subtitle A is amended by add-*  
 8 *ing at the end the following new items:*

9 **“PART V—ACQUISITION**

“Chap.

Sec.

“SUBPART A—GENERAL

“201. Definitions .....	3001
“203. General Matters .....	3021
“205. Defense Acquisition System .....	3051
“207. Budgeting and Appropriations Matters .....	3101
“209. Overseas Contingency Operations .....	3151

“SUBPART B—ACQUISITION PLANNING

“221. Planning and Solicitation Generally .....	3201
“223. Planning and Solicitation Relating to Particular Items or Services .....	3251

“SUBPART C—CONTRACTING METHODS AND CONTRACT TYPES

“241. Awarding of Contracts .....	3301
“243. Specific Types of Contracts .....	3351
“245. Task and Delivery Order Contracts (Multiple Award Contracts) ....	3401
“247. Acquisition of Commercial Items .....	3451
“249. Multiyear Contracts .....	3501
“251. Simplified Acquisition Procedures .....	3551
“253. Emergency and Rapid Acquisitions .....	3601
“255. Contracting With or Through Other Agencies .....	3651

“SUBPART D—GENERAL CONTRACTING REQUIREMENTS

“271. Truthful Cost or Pricing Data .....	3701
“273. Allowable Costs .....	3741
“275. Proprietary Contractor Data and Technical Data .....	3771
“277. Contract Financing .....	3801
“279. Contractor Audits and Accounting .....	3841
“281. Claims and Disputes .....	3861
“283. Foreign Acquisitions .....	3881
“285. Small Business Programs .....	3901
“287. Socioeconomic Programs .....	3961

“SUBPART E—SPECIAL CATEGORIES OF CONTRACTING: MAJOR DEFENSE  
ACQUISITION PROGRAMS AND MAJOR SYSTEMS

“301. Major Defense Acquisition Programs .....	4001
“303. Weapon Systems Development and Related Matters .....	4071
“305. Other Matters Relating to Major Systems .....	4121

“SUBPART F—SPECIAL CATEGORIES OF CONTRACTING: RESEARCH,  
DEVELOPMENT, TEST, AND EVALUATION

“321. Research and Development Generally .....	4201
“323. Innovation .....	4301
“325. Department of Defense Laboratories .....	4351
“327. Research and Development Centers and Facilities .....	4401
“329. Operational Test and Evaluation; Developmental Test and Evalua- tion .....	4451

“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING

“341. Contracting for Performance of Civilian Commercial or Industrial Type Functions .....	4501
“343. Acquisition of Services .....	4541
“345. Acquisition of Information Technology .....	4571

“SUBPART H—CONTRACT MANAGEMENT

“361. Contract Administration .....	4601
“363. Prohibitions and Penalties .....	4651
“365. Contractor Workforce .....	4701
“367. Other Administrative and Miscellaneous Provisions .....	4751

“SUBPART I—DEFENSE INDUSTRIAL BASE

“381. Defense Industrial Base Generally .....	4801
“383. Loan Guarantee Programs .....	4861
“385. Procurement Technical Assistance Cooperative Agreement Program .....	4881”.

**1 PART II—REDESIGNATION OF SECTIONS AND**  
**2 CHAPTERS OF SUBTITLES B, C, AND D TO**  
**3 PROVIDE ROOM FOR NEW PART V OF SUB-**  
**4 TITLE A**

**5 SEC. 806. REDESIGNATION OF SECTIONS AND CHAPTERS OF**  
**6 SUBTITLE D OF TITLE 10, UNITED STATES**  
**7 CODE—AIR FORCE.**

**8 (a) SUBTITLE D, PART III, SECTION NUMBERS.—The**  
**9 sections in part III of subtitle D of title 10, United States**  
**10 Code, are redesignated as follows:**

1           (1) *CHAPTER 909.*—*Each section in chapter 909*  
2           *is redesignated so that the number of the section, as*  
3           *redesignated, is the number equal to the previous*  
4           *number plus 50.*

5           (2) *CHAPTER 907.*—*Each section in chapter 907*  
6           *is redesignated so that the number of the section, as*  
7           *redesignated, is the number equal to the previous*  
8           *number plus 70.*

9           (3) *CHAPTERS 901 AND 903.*—*Each section in*  
10          *chapter 901 and chapter 903 is redesignated so that*  
11          *the number of the section, as redesignated, is the*  
12          *number equal to the previous number plus 100.*

13          (b) *SUBTITLE D, PART II, SECTION NUMBERS.*—*The*  
14          *sections in part II of such subtitle are redesignated as fol-*  
15          *lows:*

16               (1) *CHAPTER 831.*—*Section 8210 is redesignated*  
17               *as section 9110.*

18               (2) *CHAPTER 833.*—*Sections 8251, 8252, 8257,*  
19               *and 8258 are redesignated as sections 9131, 9132,*  
20               *9137, and 9138, respectively.*

21               (3) *CHAPTER 835.*—*Sections 8281 and 8310 are*  
22               *redesignated as sections 9151 and 9160, respectively.*

23               (4) *CHAPTER 839.*—*Section 8446 is redesignated*  
24               *as section 9176.*



1           (5) *CHAPTER 841.—Sections 8491 and 8503 are*  
2           *redesignated as sections 9191 and 9203, respectively.*

3           (6) *CHAPTER 843.—Sections 8547 and 8548 are*  
4           *redesignated as sections 9217 and 9218, respectively.*

5           (7) *CHAPTER 845.—Sections 8572, 8575, 8579,*  
6           *8581, and 8583 are redesignated as sections 9222,*  
7           *9225, 9229, 9231, and 9233, respectively.*

8           (8) *CHAPTER 849.—Section 8639 is redesignated*  
9           *as section 9239.*

10          (9) *CHAPTER 853.—Sections 8681, 8684, and*  
11          *8691 are redesignated as sections 9251, 9252, and*  
12          *9253, respectively.*

13          (10) *CHAPTER 855.—Section 8723 is redesign-*  
14          *ated as section 9263.*

15          (11) *CHAPTER 857.—Each section in chapter 857*  
16          *is redesignated so that the number of the section, as*  
17          *redesignated, is the number equal to the previous*  
18          *number plus 530.*

19          (12) *CHAPTER 861.—Section 8817 is redesign-*  
20          *ated as section 9307.*

21          (13) *CHAPTER 867.—Each section in chapter 867*  
22          *is redesignated so that the number of the section, as*  
23          *redesignated, is the number equal to the previous*  
24          *number plus 400.*

1           (14) *CHAPTER 869.—Sections 8961, 8962, 8963,*  
2           *8964, 8965, and 8966 are redesignated as sections*  
3           *9341, 9342, 9343, 9344, 9345, and 9346, respectively.*

4           (15) *CHAPTER 871.—Sections 8991 and 8992 are*  
5           *redesignated as sections 9361 and 9362, respectively.*

6           (16) *CHAPTER 873.—Sections 9021, 9025, and*  
7           *9027 are redesignated as sections 9371, 9375, and*  
8           *9377, respectively.*

9           (17) *CHAPTER 875.—Section 9061 is redesign-*  
10          *ated as section 9381.*

11          (c) *SUBTITLE D, PART I, SECTION NUMBERS.—Each*  
12          *section in part I of such subtitle is redesignated so that the*  
13          *number of the section, as redesignated, is the number equal*  
14          *to the previous number plus 1,000.*

15          (d) *SUBTITLE D CHAPTER NUMBERS.—*

16               (1) *PART IV CHAPTER NUMBERS.—Each chapter*  
17               *in part IV of such subtitle is redesignated so that the*  
18               *number of the chapter, as redesignated, is the number*  
19               *equal to the previous number plus 30.*

20               (2) *PART III CHAPTER NUMBERS.—Each chapter*  
21               *in part III of such subtitle is redesignated so that the*  
22               *number of the chapter, as redesignated, is the number*  
23               *equal to the previous number plus 50.*

24               (3) *PART II CHAPTER NUMBERS.—*

1           (A) *IN GENERAL.*—*Except as provided in*  
 2           *subparagraph (B), each chapter in part II of*  
 3           *such subtitle is redesignated so that the number*  
 4           *of the chapter, as redesignated, is the number*  
 5           *equal to the previous number plus 80.*

6           (B) *OTHER CHAPTERS.*—

7                 (i) *Chapter 861 is redesignated as*  
 8                 *chapter 939.*

9                 (ii) *Chapters 867, 869, 871, 873, and*  
 10                 *875 are each redesignated so that the num-*  
 11                 *ber of the chapter, as redesignated, is the*  
 12                 *number equal to the previous number plus*  
 13                 *74.*

14           (4) *PART I CHAPTER NUMBERS.*—*Each chapter*  
 15           *in part I of such subtitle is redesignated so that the*  
 16           *number of the chapter, as redesignated, is the number*  
 17           *equal to the previous number plus 100.*

18           (e) *SUBTITLE D TABLES OF SECTIONS AND TABLES*  
 19           *OF CHAPTERS.*—

20                 (1) *TABLES OF SECTIONS.*—*The tables of sections*  
 21                 *at the beginning of the chapters of such subtitle are*  
 22                 *revised so as to conform the section references in those*  
 23                 *tables to the redesignations made by subsections (a),*  
 24                 *(b), and (c).*

1           (2) *TABLES OF CHAPTERS.*—*The table of chap-*  
 2           *ters at the beginning of such subtitle, and the tables*  
 3           *of chapters at the beginning of each part of such sub-*  
 4           *title, are revised so as to conform the chapter ref-*  
 5           *erences and section references in those tables to the re-*  
 6           *designations made by this section.*

7   **SEC. 807. REDESIGNATION OF SECTIONS AND CHAPTERS OF**  
 8                           **SUBTITLE C OF TITLE 10, UNITED STATES**  
 9                           **CODE—NAVY AND MARINE CORPS.**

10       (a) *SUBTITLE C, PART I, SECTION NUMBERS.*—

11           (1) *IN GENERAL.*—*Except as provided in para-*  
 12           *graph (2), each section in part I of subtitle C of title*  
 13           *10, United States Code, is redesignated so that the*  
 14           *number of the section, as redesignated, is the number*  
 15           *equal to the previous number plus 3,000.*

16           (2) *CHAPTER 513.*—*For sections in chapter 513,*  
 17           *each section is redesignated so that the number of the*  
 18           *section, as redesignated, is the number equal to the*  
 19           *previous number plus 2,940.*

20       (b) *SUBTITLE C, PART II, SECTION NUMBERS.*—*The*  
 21       *sections in part II of such subtitle are redesignated as fol-*  
 22       *lows:*

23           (1) *CHAPTER 533.*—*Sections 5441, 5450, and*  
 24           *5451 are redesignated as sections 8101, 8102, and*  
 25           *8103, respectively.*

1           (2) *CHAPTER 535.—Sections 5501, 5502, 5503,*  
 2           *and 5508 are redesignated as sections 8111, 8112,*  
 3           *8113, and 8118, respectively.*

4           (3) *CHAPTER 537.—Section 5540 is redesignated*  
 5           *as section 8120.*

6           (4) *CHAPTER 539.—Sections 5582, 5585, 5587,*  
 7           *5587a, 5589, and 5596 are redesignated as sections*  
 8           *8132, 8135, 8137, 8138, 8139, and 8146, respectively.*

9           (5) *CHAPTER 544.—Section 5721 is redesignated*  
 10          *as section 8151.*

11          (6) *CHAPTER 551.—Each section in chapter 551*  
 12          *is redesignated so that the number of the section, as*  
 13          *redesignated, is the number equal to the previous*  
 14          *number plus 2,220.*

15          (7) *CHAPTER 553.—Sections 5983, 5985, and*  
 16          *5986 are redesignated as sections 8183, 8185, and*  
 17          *8186, respectively.*

18          (8) *CHAPTER 555.—The sections in chapter 555*  
 19          *are redesignated as follows:*

<b><i>Section</i></b>	<b><i>Redesignated Section</i></b>
<i>6011</i>	<i>8211</i>
<i>6012</i>	<i>8212</i>
<i>6013</i>	<i>8213</i>
<i>6014</i>	<i>8214</i>
<i>6019</i>	<i>8215</i>

<b><i>Section</i></b>	<b><i>Redesignated Section</i></b>
6021	8216
6022	8217
6024	8218
6027	8219
6029	8220
6031	8221
6032	8222
6035	8225
6036	8226

1           (9) *CHAPTER 557.—Each section in chapter 557*  
2           *is redesignated so that the number of the section, as*  
3           *redesignated, is the number equal to the previous*  
4           *number plus 2,160.*

5           (10) *CHAPTER 559.—Section 6113 is redesign-*  
6           *ated as section 8253.*

7           (11) *CHAPTER 561.—The sections in chapter 561*  
8           *are redesignated as follows:*

<b><i>Section</i></b>	<b><i>Redesignated Section</i></b>
6141	8261
6151	8262
6152	8263
6153	8264
6154	8265
6155	8266
6156	8267

<b><i>Section</i></b>	<b><i>Redesignated Section</i></b>
6160	8270
6161	8271

1           (12) *CHAPTER 563.—Sections 6201, 6202, and*  
2           *6203 are redesignated as sections 8281, 8282, and*  
3           *8283, respectively.*

4           (13) *CHAPTER 565.—Sections 6221 and 6222 are*  
5           *redesignated as sections 8286 and 8287, respectively.*

6           (14) *CHAPTER 567.—Each section in chapter 567*  
7           *is redesignated so that the number of the section, as*  
8           *redesignated, is the number equal to the previous*  
9           *number plus 2,050.*

10          (15) *CHAPTER 569.—Section 6292 is redesign-*  
11          *ated as section 8317.*

12          (16) *CHAPTER 571.—Each section in chapter 571*  
13          *is redesignated so that the number of the section, as*  
14          *redesignated, is the number equal to the previous*  
15          *number plus 2,000.*

16          (17) *CHAPTER 573.—Sections 6371, 6383, 6389,*  
17          *6404, and 6408 are redesignated as sections 8371,*  
18          *8372, 8373, 8374, and 8375, respectively.*

19          (18) *CHAPTER 575.—Sections 6483, 6484, 6485,*  
20          *and 6486 are redesignated as sections 8383, 8384,*  
21          *8385, and 8386, respectively.*

1           (19) *CHAPTER 577.—Section 6522 is redesign-*  
2           *ated as section 8392.*

3           (c) *SUBTITLE C, PART III, SECTION NUMBERS.—*

4           (1) *IN GENERAL.—Except as provided in para-*  
5           *graph (2), each section in part III of such subtitle is*  
6           *redesignated so that the number of the section, as re-*  
7           *designated, is the number equal to the previous num-*  
8           *ber plus 1,500.*

9           (2) *CHAPTER 609.—Sections 7101, 7102, 7103,*  
10          *and 7104 are redesignated as sections 8591, 8592,*  
11          *8593, and 8594, respectively.*

12          (d) *SUBTITLE C, PART IV, SECTION NUMBERS.—The*  
13          *sections in part IV of such subtitle are redesignated as fol-*  
14          *lows:*

15           (1) *CHAPTER 631.—Each section in chapter 631*  
16           *is redesignated so that the number of the section, as*  
17           *redesignated, is the number equal to the previous*  
18           *number plus 1,400.*

19           (2) *CHAPTER 633.—Each section in chapter 633*  
20           *is redesignated so that the number of the section, as*  
21           *redesignated, is the number equal to the previous*  
22           *number plus 1,370.*

23           (3) *CHAPTER 637.—Sections 7361, 7362, 7363,*  
24           *and 7364 are redesignated as sections 8701, 8702,*  
25           *8703, and 8704, respectively.*



1           (4) *CHAPTER 639.—Sections 7395 and 7396 are*  
 2           *redesignated as sections 8715 and 8716, respectively.*

3           (5) *CHAPTER 641.—Each section in chapter 641*  
 4           *is redesignated so that the number of the section, as*  
 5           *redesignated, is the number equal to the previous*  
 6           *number plus 1,300.*

7           (6) *CHAPTER 643.—Sections 7472, 7473, 7476,*  
 8           *7477, 7478, 7479, and 7480 are redesignated as sec-*  
 9           *tions 8742, 8743, 8746, 8747, 8748, 8749, and 8750,*  
 10          *respectively.*

11          (7) *CHAPTER 645.—Sections 7522, 7523, and*  
 12          *7524 are redesignated as sections 8752, 8753, and*  
 13          *8754, respectively.*

14          (8) *CHAPTER 647.—The sections in chapter 647*  
 15          *are redesignated as follows:*

<b><i>Section</i></b>	<b><i>Redesignated Section</i></b>
7541	8761
7541a	8761a
7541b	8761b
7542	8762
7543	8763
7544	8764
7545	8745
7546	8746
7577	8747

1           (9) *CHAPTERS 649, 651, 653, AND 655.*—*Each sec-*  
 2           *tion in chapters 649, 651, 653, and 655 is redesign-*  
 3           *ated so that the number of the section, as redesign-*  
 4           *ated, is the number equal to the previous number*  
 5           *plus 1,200.*

6           (10) *CHAPTER 657.*—*Each section in chapter 657*  
 7           *is redesignated so that the number of the section, as*  
 8           *redesignated, is the number equal to the previous*  
 9           *number plus 1,170.*

10          (11) *CHAPTER 659.*—*Sections 7851, 7852, 7853,*  
 11          *and 7854 are redesignated as sections 8901, 8902,*  
 12          *8903, and 8904, respectively.*

13          (12) *CHAPTER 661.*—*Sections 7861, 7862, and*  
 14          *7863 are redesignated as sections 8911, 8912, and*  
 15          *8913, respectively.*

16          (13) *CHAPTER 663.*—*Section 7881 is redesign-*  
 17          *ated as section 8921.*

18          (14) *CHAPTER 665.*—*Sections 7901, 7902, and*  
 19          *7903 are redesignated as sections 8931, 8932, and*  
 20          *8933, respectively.*

21          (15) *CHAPTER 667.*—*Sections 7912 and 7913 are*  
 22          *redesignated as sections 8942 and 8943, respectively.*

23          (16) *CHAPTER 669.*—*Section 7921 is redesign-*  
 24          *ated as section 8951.*

25          (e) *SUBTITLE C CHAPTER NUMBERS.*—

1           (1) *PART I CHAPTER NUMBERS.*—*Each chapter*  
2           *in part I of such subtitle is redesignated so that the*  
3           *number of the chapter, as redesignated, is the number*  
4           *equal to the previous number plus 300, except that*  
5           *chapter 513 is redesignated as chapter 809.*

6           (2) *PART II CHAPTER NUMBERS.*—

7                 (A) *IN GENERAL.*—*Except as provided in*  
8                 *subparagraph (B), each chapter in part II of*  
9                 *such subtitle is redesignated so that the number*  
10                *of the chapter, as redesignated, is the number*  
11                *equal to the previous number plus 270.*

12               (B) *OTHER CHAPTERS.*—*Chapter 533 is re-*  
13                *designated as chapter 811, chapter 535 is redес-*  
14                *ignated as chapter 812, chapter 537 is redес-*  
15                *ignated as chapter 813, chapter 539 is redес-*  
16                *ignated as chapter 815, and chapter 544 is redес-*  
17                *ignated as chapter 817.*

18           (3) *PART III CHAPTER NUMBERS.*—*Each chapter*  
19           *in part III of such subtitle is redesignated so that the*  
20           *number of the chapter, as redesignated, is the number*  
21           *equal to the previous number plus 250.*

22           (4) *PART IV CHAPTER NUMBERS.*—*Each chapter*  
23           *in part IV of such subtitle is redesignated so that the*  
24           *number of the chapter, as redesignated, is the number*  
25           *equal to the previous number plus 228, except that*

1       chapter 631 is redesignated as chapter 861 and chap-  
 2       ter 633 is redesignated as chapter 863.

3       (f) *SUBTITLE C TABLES OF SECTIONS AND TABLES*  
 4       *OF CHAPTERS.*—

5               (1) *TABLES OF SECTIONS.*—*The table of sections*  
 6       *at the beginning of each chapter of such subtitle is re-*  
 7       *vised so as to conform the section references in the*  
 8       *table to the redesignations made by subsections (a),*  
 9       *(b), (c), and (d).*

10              (2) *TABLES OF CHAPTERS.*—*The table of chap-*  
 11       *ters at the beginning of such subtitle, and the tables*  
 12       *of chapters at the beginning of each part of such sub-*  
 13       *title, are revised so as to conform the chapter ref-*  
 14       *erences and section references in those tables to the re-*  
 15       *designations made by this section.*

16       **SEC. 808. REDESIGNATION OF SECTIONS AND CHAPTERS OF**  
 17                       **SUBTITLE B OF TITLE 10, UNITED STATES**  
 18                       **CODE—ARMY.**

19       (a) *SUBTITLE B, PART I, SECTION NUMBERS.*—*Each*  
 20       *section in part I of subtitle B of title 10, United States*  
 21       *Code, is redesignated so that the number of the section, as*  
 22       *redesignated, is the number equal to the previous number*  
 23       *plus 4,000.*

1       (b) *SUBTITLE B, PART II, SECTION NUMBERS.*—The  
2       sections in part II of such subtitle are redesignated as fol-  
3       lows:

4               (1) *CHAPTER 331.*—Section 3210 is redesignated  
5       as section 7110.

6               (2) *CHAPTER 333.*—Sections 3251, 3258, and  
7       3262 are redesignated as sections 7131, 7138, and  
8       7142, respectively.

9               (3) *CHAPTER 335.*—Sections 3281, 3282, 3283,  
10       and 3310 are redesignated as sections 7151, 7152,  
11       7153, and 7160, respectively.

12              (4) *CHAPTER 339.*—Section 3446 is redesignated  
13       as sections 7176.

14              (5) *CHAPTER 341.*—Sections 3491 and 3503 are  
15       redesignated as sections 7191 and 7203, respectively.

16              (6) *CHAPTER 343.*—Sections 3533, 3534, 3536,  
17       3547 and 3548 are redesignated as sections 7213,  
18       7214, 7316, 7217, and 7218, respectively.

19              (7) *CHAPTER 345.*—Sections 3572, 3575, 3579,  
20       3581, and 3583 are redesignated as sections 7222,  
21       7225, 7229, 7231, and 7233, respectively.

22              (8) *CHAPTER 349.*—Section 3639 is redesignated  
23       as section 7239.

1           (9) *CHAPTER 353.—Sections 3681, 3684, and*  
2           *3691 are redesignated as sections 7251, 7252, and*  
3           *7253, respectively.*

4           (10) *CHAPTER 355.—Section 3723 is redesign-*  
5           *ated as section 7263.*

6           (11) *CHAPTER 357.—Each section in chapter 357*  
7           *is redesignated so that the number of the section, as*  
8           *redesignated, is the number equal to the previous*  
9           *number plus 3,530.*

10          (12) *CHAPTER 367.—Each section in chapter 367*  
11          *is redesignated so that the number of the section, as*  
12          *redesignated, is the number equal to the previous*  
13          *number plus 3,400.*

14          (13) *CHAPTER 369.—Sections 3961, 3962, 3963,*  
15          *3964, 3965, and 3966 are redesignated as sections*  
16          *7341, 7342, 7343, 7344, 7345, and 7346, respectively.*

17          (14) *CHAPTER 371.—Sections 3991 and 3992 are*  
18          *redesignated as sections 7361 and 7362, respectively.*

19          (15) *CHAPTER 373.—Sections 4021, 4024, 4025,*  
20          *and 4027 are redesignated as sections 7371, 7374,*  
21          *7375, and 7377, respectively.*

22          (16) *CHAPTER 375.—Section 4061 is redesign-*  
23          *ated as section 7381.*

24          (c) *SUBTITLE B, PART III, SECTION NUMBERS.—*

1           (1) *IN GENERAL.*—*Except as provided in para-*  
 2           *graph (2), each section in part III of such subtitle is*  
 3           *redesignated so that the number of the section, as re-*  
 4           *designated, is the number equal to the previous num-*  
 5           *ber plus 3,100.*

6           (2) *CHAPTER 407.*—*Each section in chapter 407*  
 7           *is redesignated so that the number of the section, as*  
 8           *redesignated, is the number equal to the previous*  
 9           *number plus 3,070.*

10          (d) *SUBTITLE B, PART IV, SECTION NUMBERS.*—*Each*  
 11          *section in part IV of such subtitle is redesignated so that*  
 12          *the number of the section, as redesignated, is the number*  
 13          *equal to the previous number plus 3,000.*

14          (e) *SUBTITLE B CHAPTER NUMBERS.*—

15               (1) *PART I CHAPTER NUMBERS.*—*Each chapter*  
 16               *in part I of such subtitle is redesignated so that the*  
 17               *number of the chapter, as redesignated, is the number*  
 18               *equal to the previous number plus 400.*

19               (2) *PART II CHAPTER NUMBERS.*—

20                   (A) *IN GENERAL.*—*Except as provided in*  
 21                   *subparagraph (B), each chapter in part II of*  
 22                   *such subtitle is redesignated so that the number*  
 23                   *of the chapter, as redesignated, is the number*  
 24                   *equal to the previous number plus 380.*

1                   (B) *OTHER CHAPTERS.*—*Chapters 367, 369,*  
 2                   *371, 373, and 375 are each redesignated so that*  
 3                   *the number of the chapter, as redesignated, is the*  
 4                   *number equal to the previous number plus 374.*

5                   (3) *PART III CHAPTER NUMBERS.*—*Each chapter*  
 6                   *in part III of such subtitle is redesignated so that the*  
 7                   *number of the chapter, as redesignated, is the number*  
 8                   *equal to the previous number plus 350.*

9                   (4) *PART IV CHAPTER NUMBERS.*—*Each chapter*  
 10                  *in part IV of such subtitle is redesignated so that the*  
 11                  *number of the chapter, as redesignated, is the number*  
 12                  *equal to the previous number plus 330.*

13                  (f) *SUBTITLE B TABLES OF SECTIONS AND TABLES*  
 14                  *OF CHAPTERS.*—

15                  (1) *TABLES OF SECTIONS.*—*The table of sections*  
 16                  *at the beginning of each chapter of such subtitle is re-*  
 17                  *vised so as to conform the section references in the*  
 18                  *table to the redesignations made by subsections (a),*  
 19                  *(b), (c), and (d).*

20                  (2) *TABLES OF CHAPTERS.*—*The table of chap-*  
 21                  *ters at the beginning of such subtitle, and the tables*  
 22                  *of chapters at the beginning of each part of such sub-*  
 23                  *title, are revised so as to conform the chapter ref-*  
 24                  *erences and section references in those tables to the re-*  
 25                  *designations made by this section.*



1 **SEC. 809. CROSS REFERENCES TO REDESIGNATED SEC-**  
 2 **TIONS AND CHAPTERS.**

3 (a) *AMENDMENTS TO REFERENCES IN TITLE 10.—*  
 4 *Each provision of title 10, United States Code (including*  
 5 *the table of subtitles preceding subtitle A), that contains a*  
 6 *reference to a section or chapter redesignated by this subtitle*  
 7 *is amended so that the reference refers to the number of the*  
 8 *section or chapter as redesignated.*

9 (b) *DEEMING RULE FOR OTHER REFERENCES.—Any*  
 10 *reference in a provision of law other than title 10, United*  
 11 *States Code, to a section or chapter redesignated by this*  
 12 *subtitle shall be deemed to refer to the section or chapter*  
 13 *as so redesignated.*

14 **PART III—REPEALS OF CERTAIN PROVISIONS OF**  
 15 **DEFENSE ACQUISITION LAW**

16 **SEC. 811. AMENDMENT TO AND REPEAL OF STATUTORY RE-**  
 17 **QUIREMENTS FOR CERTAIN POSITIONS OR**  
 18 **OFFICES IN THE DEPARTMENT OF DEFENSE.**

19 (a) *AMENDMENT TO STATUTORY REQUIREMENT FOR*  
 20 *DIRECTOR OF CORROSION POLICY AND OVERSIGHT.—*

21 (1) *IN GENERAL.—Section 2228 of title 10,*  
 22 *United States Code, is amended—*

23 (A) *by amending subsection (a) to read as*  
 24 *follows:*

25 “(a) *ESTABLISHMENT.—There is established an Office*  
 26 *of Corrosion Policy and Oversight within the Department*

1 *of Defense, which shall be headed by a Director of Corrosion*  
 2 *Policy and Oversight.”;*

3 *(B) by striking subsections (b) and (c);*

4 *(C) by redesignating subsections (d), (e),*  
 5 *and (f) as subsections (b), (c), and (d), respec-*  
 6 *tively; and*

7 *(D) in subsection (c) (as so redesignated),*  
 8 *by striking “subsection (d)” each place it ap-*  
 9 *pears and inserting “subsection (b)”.*

10 *(2) CONFORMING AMENDMENT.—Section 1067 of*  
 11 *the Bob Stump National Defense Authorization Act*  
 12 *for Fiscal Year 2003 (Public Law 107–314; 116 Stat.*  
 13 *2658, 2659; 10 U.S.C. 2228 note) is amended by*  
 14 *striking subsections (b), (c), (d), and (e).*

15 *(b) REPEAL OF STATUTORY REQUIREMENT FOR DI-*  
 16 *RECTOR OF THE OFFICE OF PERFORMANCE ASSESSMENT*  
 17 *AND ROOT CAUSE ANALYSIS.—*

18 *(1) REPEAL.—*

19 *(A) IN GENERAL.—Section 2438 of title 10,*  
 20 *United States Code, is repealed.*

21 *(B) CLERICAL AMENDMENT.—The table of*  
 22 *sections at the beginning of chapter 144 of such*  
 23 *title is amended by striking the item relating to*  
 24 *section 2438.*

25 *(2) CONFORMING AMENDMENTS.—*

1           (A) Section 131(b)(9) of such title is  
2           amended by striking subparagraph (I).

3           (B) Section 2548(a) of such title is amended  
4           by striking “, the Director of Procurement and  
5           Acquisition Policy, and the Director of the Office  
6           of Performance Assessment and Root Cause  
7           Analysis,” and inserting “and the Director of  
8           Procurement and Acquisition Policy”.

9           (C) Section 882 of the Ike Skelton National  
10          Defense Authorization Act for Fiscal Year 2011  
11          (Public Law 111–383; 10 U.S.C. 2222 note) is  
12          amended by striking subsection (a).

13       (c) *REPEAL OF STATUTORY REQUIREMENT FOR OF-*  
14       *FICE OF TECHNOLOGY TRANSITION.—*

15           (1) *REPEAL.—*Section 2515 of title 10, United  
16       States Code, is repealed.

17           (2) *CLERICAL AMENDMENT.—*The table of sec-  
18       tions at the beginning of subchapter III of chapter  
19       148 of such title is amended by striking the item re-  
20       lating to section 2515.

21       (d) *REPEAL OF STATUTORY REQUIREMENT FOR OF-*  
22       *FICE FOR FOREIGN DEFENSE CRITICAL TECHNOLOGY MON-*  
23       *ITORING AND ASSESSMENT.—*

24           (1) *REPEAL.—*Section 2517 of title 10, United  
25       States Code, is repealed.

1           (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 2           *tions at the beginning of subchapter III of chapter*  
 3           *148 of such title is amended by striking the item re-*  
 4           *lating to section 2517.*

5           (e) *REPEAL OF STATUTORY REQUIREMENT FOR SMALL*  
 6           *BUSINESS OMBUDSMAN FOR DEFENSE CONTRACT AUDIT*  
 7           *AGENCY AND DEFENSE CONTRACT MANAGEMENT AGEN-*  
 8           *CY.*—

9           (1) *REPEAL.*—*Section 204 of title 10, United*  
 10          *States Code, is repealed.*

11          (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 12          *tions at the beginning of subchapter II of chapter 8*  
 13          *of such title is amended by striking the item relating*  
 14          *to section 204.*

15          (f) *REPEAL OF STATUTORY REQUIREMENT FOR DE-*  
 16          *FENSE LOGISTICS AGENCY ADVOCATE FOR COMPETITION.*—

17          (1) *REPEAL.*—*Section 2318 of title 10, United*  
 18          *States Code, is amended—*

19                  (A) *by striking subsection (a); and*

20                  (B) *by striking “(b)” before “Each advo-*  
 21                  *cate”.*

22          (2) *TECHNICAL AMENDMENTS.*—*Such section is*  
 23          *further amended—*

24                  (A) *by striking “advocate for competition*  
 25                  *of” and inserting “advocate for competition des-*

1            *ignated pursuant to section 1705(a) of title 41*  
 2            *for”; and*

3            *(B) by striking “a grade GS–16 or above*  
 4            *under the General Schedule (or in a comparable*  
 5            *or higher position under another schedule)” and*  
 6            *inserting “in a position classified above GS–15*  
 7            *pursuant to section 5108 of title 5”.*

8            *(g) SUNSET FOR STATUTORY DESIGNATION OF SENIOR*  
 9            *DEPARTMENT OF DEFENSE OFFICIAL WITH PRINCIPAL RE-*  
 10           *SPONSIBILITY FOR DIRECTED ENERGY WEAPONS.—Section*  
 11           *219 of the National Defense Authorization Act for Fiscal*  
 12           *Year 2017 (Public Law 114–328; 10 U.S.C. 2431 note) is*  
 13           *amended by adding at the end the following new subsection:*  
 14           *“(d) SUNSET.—The provisions of subsection (a) and*  
 15           *of paragraphs (2) and (3) of subsection (b) shall cease to*  
 16           *be in effect as of September 30, 2022.”.*

17           *(h) REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
 18           *IGNATION OF INDIVIDUAL TO SERVE AS PRIMARY LIAISON*  
 19           *BETWEEN THE PROCUREMENT AND RESEARCH AND DE-*  
 20           *VELOPMENT ACTIVITIES OF THE UNITED STATES ARMED*  
 21           *FORCES AND THOSE OF THE STATE OF ISRAEL.—Section*  
 22           *1006 of the National Defense Authorization Act, Fiscal Year*  
 23           *1989 (Public Law 100–456; 102 Stat. 2040; 10 U.S.C. 133a*  
 24           *note) is repealed.*

1       (i) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
2 *IGNATION OF SENIOR OFFICIAL TO COORDINATE AND MAN-*  
3 *AGE HUMAN SYSTEMS INTEGRATION ACTIVITIES RELATED*  
4 *TO ACQUISITION PROGRAMS.*—Section 231 of the National  
5 *Defense Authorization Act for Fiscal Year 2008 (Public*  
6 *Law 110–181; 122 Stat. 45; 10 U.S.C. 1701 note) is amend-*  
7 *ed—*

8               (1) *by striking “(a) IN GENERAL.—”; and*  
9               (2) *by striking subsections (b), (c), and (d).*

10       (j) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
11 *IGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR FOCUS*  
12 *ON URGENT OPERATIONAL NEEDS AND RAPID ACQUI-*  
13 *SITION.*—Section 902 of the National Defense Authorization  
14 *Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.*  
15 *1865; 10 U.S.C. 2302 note) is repealed.*

16       (k) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
17 *IGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR DUAL-*  
18 *USE PROJECTS UNDER DUAL-USE SCIENCE AND TECH-*  
19 *NOLOGY PROGRAM.*—Section 203 of the National Defense  
20 *Authorization Act for Fiscal Year 1998 (Public Law 105–*  
21 *85; 10 U.S.C. 2511 note) is amended by striking subsection*  
22 *(c).*

23       (l) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
24 *IGNATION OF SENIOR OFFICIAL AS EXECUTIVE AGENT FOR*  
25 *PRINTED CIRCUIT BOARD TECHNOLOGY.*—Section 256 of

1 *the National Defense Authorization Act for Fiscal Year*  
 2 *2009 (Public Law 110–417; 122 Stat. 4404; 10 U.S.C. 2501*  
 3 *note) is repealed.*

4 **SEC. 812. REPEAL OF CERTAIN DEFENSE ACQUISITION**  
 5 **LAWS.**

6 (a) *TITLE 10, UNITED STATES CODE.—*

7 (1) *SECTION 167A.—*

8 (A) *REPEAL.—Section 167a of title 10,*  
 9 *United States Code, is repealed.*

10 (B) *CLERICAL AMENDMENT.—The table of*  
 11 *sections at the beginning of chapter 6 of such*  
 12 *title is amended by striking the item relating to*  
 13 *section 167a.*

14 (C) *CONFORMING AMENDMENT.—Section*  
 15 *905(a)(1) of the John Warner National Defense*  
 16 *Authorization Act for Fiscal Year 2007 (Public*  
 17 *Law 109–364; 10 U.S.C. 133a note) is amended*  
 18 *by striking “166b, 167, or 167a” and inserting*  
 19 *“166b or 167”.*

20 (2) *SECTION 2323.—*

21 (A) *REPEAL.—Section 2323 of title 10,*  
 22 *United States Code, is repealed.*

23 (B) *CLERICAL AMENDMENT.—The table of*  
 24 *sections at the beginning of chapter 137 of such*

1 *title is amended by striking the item relating to*  
2 *section 2323.*

3 *(C) CONFORMING AMENDMENTS.—*

4 *(i) Section 853(c) of the National De-*  
5 *fense Authorization Act for Fiscal Year*  
6 *2004 (Public Law 108–136; 10 U.S.C. 2302*  
7 *note) is amended by striking “section 2323*  
8 *of title 10, United States Code, and”.*

9 *(ii) Section 831(n) of the National De-*  
10 *fense Authorization Act for Fiscal Year*  
11 *1991 (Public Law 101–510; 10 U.S.C. 2302*  
12 *note) is amended—*

13 *(I) in paragraph (4), by inserting*  
14 *“, as in effect on March 1, 2018” after*  
15 *“section 2323 of title 10, United States*  
16 *Code”; and*

17 *(II) in paragraph (6), by striking*  
18 *“section 2323 of title 10, United States*  
19 *Code, and”.*

20 *(iii) Subsection (d) of section 811 of*  
21 *the National Defense Authorization Act for*  
22 *Fiscal Year 1994 (Public Law 103–160; 10*  
23 *U.S.C. 2323 note) is repealed.*

24 *(iv) Section 8304(1) of the Federal Ac-*  
25 *quisition Streamlining Act of 1994 (10*



1 *U.S.C. 2375 note) is amended by striking*  
2 *“section 2323 of title 10, United States*  
3 *Code, or”.*

4 *(v) Section 10004(a)(1) of the Federal*  
5 *Acquisition Streamlining Act of 1994 (41*  
6 *U.S.C. 1122 note) is amended by striking*  
7 *“section 2323 of title 10, United States*  
8 *Code, or”.*

9 *(vi) Section 2304(b)(2) of title 10,*  
10 *United States Code, is amended by striking*  
11 *“and concerns other than” and all that fol-*  
12 *lows through “this title”.*

13 *(vii) Section 2304e(b) of title 10,*  
14 *United States Code, is amended—*

15 *(I) by striking “other than—”*  
16 *and all that follows through “small”*  
17 *and inserting “other than small”;*

18 *(II) by striking “; or” and insert-*  
19 *ing a period; and*

20 *(III) by striking paragraph (2).*

21 *(viii) Section 2323a(a) of title 10,*  
22 *United States Code, is amended by striking*  
23 *“section 2323 of this title and”.*

24 *(ix) Section 15 of the Small Business*  
25 *Act (15 U.S.C. 644) is amended—*

1                   (I) in subsection (j)(3), by strik-  
 2                   ing “section 2323 of title 10, United  
 3                   States Code,”;

4                   (II) in subsection (k)(10)—  
 5                   (aa) by striking “or section  
 6                   2323 of title 10, United States  
 7                   Code,” and all that follows  
 8                   through “subsection (m),”; and

9                   (bb) by striking “subsection  
 10                  (a),” and inserting “subsection  
 11                  (a) or”; and

12                  (III) by amending subsection (m)  
 13                  to read as follows:

14                  “(m) *ADDITIONAL DUTIES OF PROCUREMENT CENTER*  
 15                  *REPRESENTATIVES.*—All procurement center representa-  
 16                  tives (including those referred to in subsection (k)(6)), in  
 17                  addition to such other duties as may be assigned by the  
 18                  Administrator, shall increase, insofar as possible, the num-  
 19                  ber and dollar value of procurements that may be used for  
 20                  the programs established under this section and section  
 21                  8(a).”.

22                       (x) Section 1902(b)(1) of title 41,  
 23                       United States Code, is amended by striking  
 24                       “, section 2323 of title 10,”.

25                       (3) *SECTION 2332.*—

1           (A) *REPEAL*.—Section 2332 of title 10,  
2           *United States Code*, is repealed.

3           (B) *CLERICAL AMENDMENT*.—The table of  
4           sections at the beginning of chapter 137 of such  
5           title is amended by striking the item relating to  
6           section 2332.

7           (b) *OTHER PROVISIONS OF LAW*.—The following pro-  
8           visions of law are repealed:

9           (1) Section 801 of the *Carl Levin and Howard*  
10          *P. “Buck” McKeon National Defense Authorization*  
11          *Act for Fiscal Year 2015* (Public Law 113–291; 10  
12          U.S.C. 2223a note).

13          (2) Section 934 of the *National Defense Author-*  
14          *ization Act for Fiscal Year 2013* (Public Law 112–  
15          239; 10 U.S.C. 2223a note).

16          (3) Section 804 of the *National Defense Author-*  
17          *ization Act for Fiscal Year 2010* (Public Law 111–  
18          84; 10 U.S.C. 2223a note).

19          (4) Section 881 of the *National Defense Author-*  
20          *ization Act for Fiscal Year 2008* (Public Law 110–  
21          181; 10 U.S.C. 2223a note).

22          (5) Section 854 of the *National Defense Author-*  
23          *ization Act for Fiscal Year 2017* (Public Law 114–  
24          328; 10 U.S.C. 2302 note).

1           (6) *Section 804 of the National Defense Author-*  
2           *ization Act for Fiscal Year 2013 (Public Law 112–*  
3           *239; 10 U.S.C. 2302 note).*

4           (7) *Section 829 of the National Defense Author-*  
5           *ization Act for Fiscal Year 2013 (Public Law 112–*  
6           *239; 10 U.S.C. 2302 note).*

7           (8) *Section 818(g) of the National Defense Au-*  
8           *thorization Act for Fiscal Year 2012 (Public Law*  
9           *112–81; 10 U.S.C. 2302 note).*

10          (9) *Section 815(b) of the National Defense Au-*  
11          *thorization Act for Fiscal Year 2008 (Public Law*  
12          *110–181; 10 U.S.C. 2302 note).*

13          (10) *Section 812 of the John Warner National*  
14          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
15          *lic Law 109–364; 10 U.S.C. 2302 note).*

16          (11) *Section 817 of the National Defense Author-*  
17          *ization Act for Fiscal Year 2006 (Public Law 109–*  
18          *163; 10 U.S.C. 2302 note).*

19          (12) *Section 141 of the Ronald W. Reagan Na-*  
20          *tional Defense Authorization Act for Fiscal Year 2005*  
21          *(Public Law 108–375; 10 U.S.C. 2302 note).*

22          (13) *Section 801(b) of the National Defense Au-*  
23          *thorization Act for Fiscal Year 2004 (Public Law*  
24          *108–136; 10 U.S.C. 2302 note).*

1           (14) *Section 805(a) of the National Defense Au-*  
2           *thorization Act for Fiscal Year 2004 (Public Law*  
3           *108–136; 10 U.S.C. 2302 note).*

4           (15) *Section 352 of the Bob Stump National De-*  
5           *fense Authorization Act for Fiscal Year 2003 (Public*  
6           *Law 107–314; 10 U.S.C. 2302 note).*

7           (16) *Section 326 of the National Defense Author-*  
8           *ization Act for Fiscal Year 1993 (Public Law 102–*  
9           *484; 10 U.S.C. 2302 note).*

10          (17) *Section 9004 of the Department of Defense*  
11          *Appropriations Act, 1990 (Public Law 101–165; 10*  
12          *U.S.C. 2302 note).*

13          (18) *Section 895 of the National Defense Author-*  
14          *ization Act for Fiscal Year 2016 (Public Law 114–*  
15          *92; 10 U.S.C. 2304 note).*

16          (19) *Section 802 of the Duncan Hunter National*  
17          *Defense Authorization Act for Fiscal Year 2009 (Pub-*  
18          *lic Law 110–417; 10 U.S.C. 2304 note).*

19          (20) *Section 821 of the National Defense Author-*  
20          *ization Act for Fiscal Year 2008 (Public Law 110–*  
21          *181; 10 U.S.C. 2304 note).*

22          (21) *Section 813 of the John Warner National*  
23          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
24          *lic Law 109–364; 10 U.S.C. 2304 note).*

1           (22) *Section 391 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1998 (Public Law 105–*  
3           *85; 10 U.S.C. 2304 note).*

4           (23) *Section 927(b) of Public Laws 99–500, 99–*  
5           *591, and 99–661 (10 U.S.C. 2304 note).*

6           (24) *Section 1222(b) of the National Defense Au-*  
7           *thorization Act for Fiscal Year 1987 (Public Law 99–*  
8           *661; 10 U.S.C. 2304 note).*

9           (25) *Section 814(b) of the National Defense Au-*  
10          *thorization Act for Fiscal Year 2010 (Public Law*  
11          *111–84; 10 U.S.C. 2304a note).*

12          (26) *Section 834 of the John Warner National*  
13          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
14          *lic Law 109–364; 10 U.S.C. 2304b note).*

15          (27) *Section 803 of the Strom Thurmond Na-*  
16          *tional Defense Authorization Act for Fiscal Year 1999*  
17          *(Public Law 105–261; 10 U.S.C. 2306a note).*

18          (28) *Section 1075 of the National Defense Au-*  
19          *thorization Act for Fiscal Year 1995 (Public Law*  
20          *103–337; 10 U.S.C. 2315 note).*

21          (29) *Section 824(a) of the Ike Skelton National*  
22          *Defense Authorization Act for Fiscal Year 2011 (Pub-*  
23          *lic Law 111–383; 10 U.S.C. 2320 note).*

1           (30) *Section 818 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1995 (Public Law 103–*  
3           *337; 10 U.S.C. 2324 note).*

4           (31) *Section 812 of the National Defense Author-*  
5           *ization Act for Fiscal Year 2010 (Public Law 111–*  
6           *84; 10 U.S.C. 2326 note).*

7           (32) *Sections 908(a), (b), (c), and (e) of Public*  
8           *Laws 99–500, 99–591, and 99–661 (10 U.S.C. 2326*  
9           *note).*

10          (33) *Section 882 of the National Defense Author-*  
11          *ization Act for Fiscal Year 2016 (Public Law 114–*  
12          *92; 10 U.S.C. 2330 note).*

13          (34) *Section 807 of the National Defense Author-*  
14          *ization Act for Fiscal Year 2012 (Public Law 112–*  
15          *81; 10 U.S.C. 2330 note).*

16          (35) *Section 805 of the National Defense Author-*  
17          *ization Act for Fiscal Year 2008 (Public Law 110–*  
18          *181; 10 U.S.C. 2330 note).*

19          (36) *Section 808 of the National Defense Author-*  
20          *ization Act for Fiscal Year 2008 (Public Law 110–*  
21          *181; 10 U.S.C. 2330 note).*

22          (37) *Section 812(b)–(c) of the National Defense*  
23          *Authorization Act for Fiscal Year 2006 (Public Law*  
24          *109–163; 10 U.S.C. 2330 note).*

1           (38) *Section 801(d)–(f) of the National Defense*  
2           *Authorization Act for Fiscal Year 2002 (Public Law*  
3           *107–107; 10 U.S.C. 2330 note).*

4           (39) *Section 802 of the National Defense Author-*  
5           *ization Act for Fiscal Year 2002 (Public Law 107–*  
6           *107; 10 U.S.C. 2330 note).*

7           (40) *Section 831 of the Duncan Hunter National*  
8           *Defense Authorization Act for Fiscal Year 2009 (Pub-*  
9           *lic Law 110–417; 10 U.S.C. 2330a note).*

10          (41) *Section 1032 of the Bob Stump National*  
11          *Defense Authorization Act for Fiscal Year 2003 (Pub-*  
12          *lic Law 107–314; 10 U.S.C. 2358 note).*

13          (42) *Section 241 of the Bob Stump National De-*  
14          *fense Authorization Act for Fiscal Year 2003 (Public*  
15          *Law 107–314; 10 U.S.C. 2358 note).*

16          (43) *Section 606 of Public Law 92–436 (10*  
17          *U.S.C. 2358 note).*

18          (44) *Section 913(b) of the National Defense Au-*  
19          *thorization Act for Fiscal Year 2000 (Public Law*  
20          *106–65; 10 U.S.C. 2364 note).*

21          (45) *Sections 234(a) and (b) of the National De-*  
22          *fense Authorization Act for Fiscal Year 1987 (Public*  
23          *Law 99–661; 10 U.S.C. 2364 note).*



1           (46) *Section 943(b) of the National Defense Au-*  
2           *thorization Act for Fiscal Year 2008 (Public Law*  
3           *110–181; 10 U.S.C. 2366a note).*

4           (47) *Section 801 of the National Defense Author-*  
5           *ization Act for Fiscal Year 1990 (Public Law 101–*  
6           *189; 10 U.S.C. 2399 note).*

7           (48) *Section 8133 of the Department of Defense*  
8           *Appropriations Act, 2000 (Public Law 106–79; 10*  
9           *U.S.C. 2401a note).*

10          (49) *Section 807(b) of the John Warner National*  
11          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
12          *lic Law 109–364; 10 U.S.C. 2410p note).*

13          (50) *Section 825(c)(1)–(2) of the National De-*  
14          *fense Authorization Act for Fiscal Year 2016 (Public*  
15          *Law 114–92; 10 U.S.C. 2430 note).*

16          (51) *Section 1058 of the Carl Levin and Howard*  
17          *P. “Buck” McKeon National Defense Authorization*  
18          *Act for Fiscal Year 2015 (Public Law 113–291; 10*  
19          *U.S.C. 2430 note).*

20          (52) *Section 837 of the National Defense Author-*  
21          *ization Act for Fiscal Year 1994 (Public Law 103–*  
22          *160; 10 U.S.C. 2430 note).*

23          (53) *Section 838 of the National Defense Author-*  
24          *ization Act for Fiscal Year 1994 (Public Law 103–*  
25          *160; 10 U.S.C. 2430 note).*

1           (54) *Section 809 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1991 (Public Law 101–*  
3           *510; 10 U.S.C. 2430 note).*

4           (55) *Section 833 of the National Defense Author-*  
5           *ization Act for Fiscal Year 1994 (Public Law 103–*  
6           *160; 10 U.S.C. 2430 note).*

7           (56) *Section 839 of the National Defense Author-*  
8           *ization Act for Fiscal Year 1994 (Public Law 103–*  
9           *160; 10 U.S.C. 2430 note).*

10          (57) *Section 819 of the National Defense Author-*  
11          *ization Act for Fiscal Year 1995 (Public Law 103–*  
12          *337; 10 U.S.C. 2430 note).*

13          (58) *Section 5064 of the Federal Acquisition*  
14          *Streamlining Act of 1994 (Public Law 103–355; 10*  
15          *U.S.C. 2430 note).*

16          (59) *Section 803 of the National Defense Author-*  
17          *ization Act for Fiscal Year 1997 (Public Law 104–*  
18          *201; 10 U.S.C. 2430 note).*

19          (60) *Section 1215 of the Department of Defense*  
20          *Authorization Act, 1984 (Public Law 98–94; 10*  
21          *U.S.C. 2452 note).*

22          (61) *Section 328 of the National Defense Author-*  
23          *ization Act for Fiscal Year 2010 (Public Law 111–*  
24          *84; 10 U.S.C. 2458 note).*

1           (62) *Section 347 of the Strom Thurmond Na-*  
2           *tional Defense Authorization Act for Fiscal Year 1999*  
3           *(Public Law 105–261; 10 U.S.C. 2458 note).*

4           (63) *Section 349 of the Strom Thurmond Na-*  
5           *tional Defense Authorization Act for Fiscal Year 1999*  
6           *(Public Law 105–261; 10 U.S.C. 2458 note).*

7           (64) *Section 395 of the National Defense Author-*  
8           *ization Act for Fiscal Year 1998 (Public Law 105–*  
9           *85; 10 U.S.C. 2458 note).*

10          (65) *Section 352 of the National Defense Author-*  
11          *ization Act for Fiscal Year 1996 (Public Law 104–*  
12          *106; 10 U.S.C. 2458 note).*

13          (66) *Section 325 of the Ronald W. Reagan Na-*  
14          *tional Defense Authorization Act for Fiscal Year 2005*  
15          *(Public Law 108–375; 10 U.S.C. 2461 note).*

16          (67) *Section 336 of the National Defense Author-*  
17          *ization Act for Fiscal Year 2004 (Public Law 108–*  
18          *136; 10 U.S.C. 2461 note).*

19          (68) *Section 353(a) of the National Defense Au-*  
20          *thorization Act for Fiscal Year 1996 (Public Law*  
21          *104–106; 10 U.S.C. 2461 note).*

22          (69) *Section 353(b) of the National Defense Au-*  
23          *thorization Act for Fiscal Year 1996 (Public Law*  
24          *104–106; 10 U.S.C. 2461 note).*

1           (70) *Section 356 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1996 (Public Law 104–*  
3           *106; 10 U.S.C. 2461 note).*

4           (71) *Section 1010 of the USA Patriot Act of*  
5           *2001 (Public Law 107–56; 10 U.S.C. 2465 note).*

6           (72) *Section 4101 of the National Defense Au-*  
7           *thorization Act for Fiscal Year 1993 (Public Law*  
8           *102–484; 10 U.S.C. 2500 note).*

9           (73) *Section 852 of the National Defense Author-*  
10          *ization Act for Fiscal Year 2012 (Public Law 112–*  
11          *81; 10 U.S.C. 2504 note).*

12          (74) *Section 823 of the National Defense Author-*  
13          *ization Act for Fiscal Year 2004 (Public Law 108–*  
14          *136; 10 U.S.C. 2521 note).*

15          (75) *Section 823 of the Ike Skelton National De-*  
16          *fense Authorization Act for Fiscal Year 2011 (Public*  
17          *Law 111–383; 10 U.S.C. 2533b note).*

18          (76) *Section 804(h) of the National Defense Au-*  
19          *thorization Act for Fiscal Year 2008 (Public Law*  
20          *110–181; 10 U.S.C. 2533b note).*

21          (77) *Section 842(b) of the John Warner National*  
22          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
23          *lic Law 109–364; 10 U.S.C. 2533b note).*

24          (78) *Section 343 of the Floyd D. Spence Na-*  
25          *tional Defense Authorization Act for Fiscal Year 2001*

1       *(as enacted into law by Public Law 106–398; 10*  
2       *U.S.C. 4551 note).*

3   **SEC. 813. REPEAL OF CERTAIN DEPARTMENT OF DEFENSE**  
4       **REPORTING REQUIREMENTS.**

5       *(a) AMENDMENTS TO TITLE 10, UNITED STATES*  
6       *CODE.—Title 10, United States Code, is amended as fol-*  
7       *lows:*

8               *(1) SECTION 118A.—Section 118a is amended by*  
9       *striking subsection (d).*

10              *(2) SECTION 1116.—Section 1116 is amended by*  
11       *striking subsection (d).*

12              *(3) SECTION 2275.—*

13                   *(A) REPEAL.—Section 2275 is repealed.*

14                   *(B) CLERICAL AMENDMENT.—The table of*  
15       *sections at the beginning of chapter 135 is*  
16       *amended by striking the item relating to section*  
17       *2275.*

18              *(4) SECTION 2276.—Section 2276 is amended by*  
19       *striking subsection (e).*

20              *(5) SECTION 10543.—*

21                   *(A) REPEAL.—Section 10543 is repealed.*

22                   *(B) CLERICAL AMENDMENT.—The table of*  
23       *sections at the beginning of chapter 1013 is*  
24       *amended by striking the item relating to section*  
25       *10543.*

1       (b) NDAA FOR FY 2007.—Section 122 of the John  
 2 Warner National Defense Authorization Act for Fiscal Year  
 3 2007 (Public Law 109–364; 120 Stat. 2104), as amended  
 4 by section 121 of the National Defense Authorization Act  
 5 for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 691),  
 6 is amended by striking subsection (d).

7       (c) NDAA FOR FY 2008.—The National Defense Au-  
 8 thorization Act for Fiscal Year 2008 (Public Law 110–181)  
 9 is amended—

10           (1) in section 911(f) (10 U.S.C. 2271 note)—

11                   (A) in the subsection heading, by striking “;  
 12           BIENNIAL UPDATE”;

13                   (B) in paragraph (3), by striking “, and  
 14           each update required by paragraph (2),”; and

15                   (C) by striking paragraph (2) and redesign-  
 16           ating paragraph (3) as paragraph (2); and

17           (2) in section 1107 (10 U.S.C. 2358 note)—

18                   (A) in subsection (c), by striking “dem-  
 19           onstration laboratory” and inserting “laboratory  
 20           designated by the Secretary of Defense under the  
 21           provisions of section 342(b) of the National De-  
 22           fense Authorization Act for Fiscal Year 1995  
 23           (Public Law 103–337; 108 Stat. 2721)”;

24                   (B) by striking subsections (d) and (e).

1       (d) NDAA FOR FY 2009.—Section 1047(d) of the Dun-  
 2       can Hunter National Defense Authorization Act for Fiscal  
 3       Year 2009 (Public Law 110–417; 10 U.S.C. 2366b note)  
 4       is amended—

5               (1) in the subsection heading, by striking  
 6       “BANDWIDTH” and all that follows through “The Sec-  
 7       retary” and inserting “BANDWIDTH REQUIRE-  
 8       MENTS.—The Secretary”; and

9               (2) by striking paragraph (2).

10       (e) NDAA FOR FY 2010.—Section 1244 of the Na-  
 11       tional Defense Authorization Act for Fiscal Year 2010 (Pub-  
 12       lic Law 111–84; 22 U.S.C. 1928 note) is amended by strik-  
 13       ing subsection (d).

14       (f) NDAA FOR FY 2011.—Section 1217 of the Ike Skel-  
 15       ton National Defense Authorization Act for Fiscal Year  
 16       2011 (Public Law 111–383; 22 U.S.C. 7513 note) is amend-  
 17       ed by striking subsection (i).

18       (g) NDAA FOR FY 2013.—The National Defense Au-  
 19       thorization Act for Fiscal Year 2013 (Public Law 112–239)  
 20       is amended—

21               (1) in section 524 (126 Stat. 1723; 10 U.S.C.  
 22       1222 note) by striking subsection (c); and

23               (2) in section 904(h) (10 U.S.C. 133 note)—

24                       (A) by striking “REPORTS TO CONGRESS”  
 25       and all that follows through “(3) ADDITIONAL

1           *CONGRESSIONAL NOTIFICATION.—*” and inserting  
 2           *“CONGRESSIONAL NOTIFICATION.—”; and*  
 3           *(B) by striking “Under Secretary of Defense*  
 4           *for Acquisition, Technology, and Logistics” and*  
 5           *inserting “Under Secretary of Defense for Re-*  
 6           *search and Engineering”.*

7           *(h) NDAA FOR FY 2015.—Section 1026(d) of the Carl*  
 8           *Levin and Howard P. “Buck” McKeon National Defense*  
 9           *Authorization Act for Fiscal Year 2015 (Public Law 113–*  
 10          *291; 128 Stat. 3490) is repealed.*

11          *(i) MILITARY CONSTRUCTION AUTHORIZATION ACT,*  
 12          *1982.—Section 703 of the Military Construction Authoriza-*  
 13          *tion Act, 1982 (Public Law 97–99; 95 Stat. 1376) is*  
 14          *amended by striking subsection (g).*

15          *(j) CONFORMING AMENDMENTS.—*

16                 *(1) NDAA FOR FY 2017.—Section 1061 of the Na-*  
 17                 *tional Defense Authorization Act for Fiscal Year 2017*  
 18                 *(Public Law 114–328; 10 U.S.C. 111 note) is amend-*  
 19                 *ed—*

20                         *(A) in subsection (c), by striking para-*  
 21                         *graphs (3), (28), (40), (41), and (63);*

22                         *(B) in subsection (d), by striking paragraph*  
 23                         *(3);*

24                         *(C) in subsection (f), by striking para-*  
 25                         *graphs (1) and (2);*



1                   (D) in subsection (g), by striking paragraph  
2                   (3);

3                   (E) in subsection (h), by striking paragraph  
4                   (3); and

5                   (F) in subsection (i), by striking para-  
6                   graphs (17), (19), and (24).

7                   (2) NDAA FOR FY 2000.—Section 1031 of the Na-  
8                   tional Defense Authorization Act for Fiscal Year 2000  
9                   (Public Law 106–65; 113 Stat. 749; 31 U.S.C. 1113  
10                  note) is amended by striking paragraph (32).

11 ***Subtitle B—Amendments to General***  
12 ***Contracting Authorities, Proce-***  
13 ***dures, and Limitations***

14 ***SEC. 821. CONTRACT GOAL FOR THE ABILITYONE PRO-***  
15 ***GRAM.***

16                  (a) CONTRACT GOAL FOR THE ABILITYONE PRO-  
17 GRAM.—Chapter 137 of title 10, United States Code, is  
18 amended by inserting after section 2323a the following new  
19 section:

20 ***“§ 2323b. Contract goal for the AbilityOne program***

21                  “(a) GOAL.—The Secretary of Defense shall establish  
22 a goal for each fiscal year for the procurement of products  
23 and services from the procurement list established pursuant  
24 to section 8503 of title 41 of an amount equal to 1.5 percent  
25 of the total amount of funds obligated for contracts entered

1 *into with the Department of Defense in such fiscal year for*  
 2 *procurement.*

3 “(b) *ANNUAL REPORT.*—*At the conclusion of each fis-*  
 4 *cal year, the Secretary of Defense shall submit to the Com-*  
 5 *mittee for Purchase From People Who Are Blind or Severely*  
 6 *Disabled (established under section 8502 of title 41) a re-*  
 7 *port on the progress toward attaining the goal established*  
 8 *under subsection (a) with respect to such fiscal year. The*  
 9 *report shall include—*

10 “(1) *if the goal was not achieved, a plan to*  
 11 *achieve the goal in the next fiscal year; and*

12 “(2) *if the goal was achieved, a strategy to exceed*  
 13 *the goal in the next fiscal year.”.*

14 (b) *CLERICAL AMENDMENT.*—*The table of sections at*  
 15 *the beginning of such chapter is amended by inserting after*  
 16 *the item relating to section 2323a the following new item:*

“2323b. *Contract goal for the AbilityOne program.*”.

17 **SEC. 822. INCREASED MICRO-PURCHASE THRESHOLD AP-**  
 18 **PLICABLE TO DEPARTMENT OF DEFENSE**  
 19 **PROCUREMENTS.**

20 (a) *IN GENERAL.*—*Section 2338 of title 10, United*  
 21 *States Code, is amended—*

22 (1) *by striking “Notwithstanding subsection (a)*  
 23 *of section 1902 of title 41, the” and inserting “The”;*  
 24 *and*

1           (2) by striking “\$5,000” and inserting  
2           “\$10,000”.

3           (b) *CONFORMING AMENDMENTS.*—

4           (1) *REPEAL OF MICRO-PURCHASE THRESHOLD*  
5           *FOR CERTAIN DEPARTMENT OF DEFENSE ACTIVI-*  
6           *TIES.*—

7                   (A) *IN GENERAL.*—Section 2339 of title 10,  
8           *United States Code, is repealed.*

9                   (B) *CLERICAL AMENDMENT.*—The table of  
10           sections at the beginning of chapter 137 of such  
11           title is amended by striking the item relating to  
12           section 2339.

13           (2) *MICRO-PURCHASE THRESHOLD FOR NON-DE-*  
14           *PARTMENT OF DEFENSE PURCHASES.*—Section  
15           1902(a)(1) of title 41, *United States Code, is amended*  
16           *by striking “sections 2338 and 2339 of title 10 and”.*

17   **SEC. 823. PREFERENCE FOR OFFERORS EMPLOYING VET-**  
18                   **ERANS.**

19           (a) *IN GENERAL.*—Chapter 137 of title 10, *United*  
20           *States Code, is amended by adding at the end the following*  
21           *new section:*

22   **“§ 2339a. Preference for offerors employing veterans**

23           “(a) *PREFERENCE.*—In awarding a contract for the  
24           procurement of goods or services for the Department of De-  
25           fense, the head of an agency may establish a preference for

1 offerors that employ veterans on a full-time basis. The Sec-  
 2 retary of Defense shall determine the criteria for use of such  
 3 preference.

4 “(b) CONGRESSIONAL NOTIFICATION.—Prior to estab-  
 5 lishing the preference described in subsection (a), the Sec-  
 6 retary of Defense shall provide a briefing to the Committee  
 7 on Armed Services of the House of Representatives on—

8 “(1) a plan for implementing such preference,  
 9 including—

10 “(A) penalties for an offeror that willfully  
 11 and intentionally misrepresents the veteran sta-  
 12 tus of the employees of the offeror in a bid sub-  
 13 mitted under subsection (a); and

14 “(B) reporting on use of such preference;  
 15 and

16 “(2) the process for assessing and verifying offer-  
 17 or compliance with regulations relating to equal op-  
 18 portunity for veterans requirements.”.

19 (b) CLERICAL AMENDMENT.—The table of sections at  
 20 the beginning of such chapter is amended by inserting after  
 21 the item relating to section 2339 the following new item:

“2339a. Preference for offerors employing veterans.”.

1 **SEC. 824. REVISION OF REQUIREMENT TO SUBMIT INFOR-**  
2 **MATION ON SERVICES CONTRACTS TO CON-**  
3 **GRESS.**

4 *Section 2329(b) of title 10, United States Code, is*  
5 *amended—*

6 *(1) by striking “October 1, 2022” and inserting*  
7 *“October 1, 2020”; and*

8 *(2) in paragraph (1)—*

9 *(A) by striking “at or about” and inserting*  
10 *“at or before”; and*

11 *(B) by inserting “or on the date on which*  
12 *the future-years defense program is submitted to*  
13 *Congress under section 221 of this title” after*  
14 *“title 31”;*

15 *(3) in paragraph (3), by striking “and” at the*  
16 *end;*

17 *(4) in paragraph (4), by striking the period at*  
18 *the end and inserting “; and”; and*

19 *(5) by adding at the end the following new para-*  
20 *graph:*

21 *“(5) be included in the future-years defense pro-*  
22 *gram submitted to Congress under section 221 of this*  
23 *title.”.*

1 **SEC. 825. DATA COLLECTION AND INVENTORY FOR SERV-**  
2 **ICES CONTRACTS.**

3 *Section 2330a of title 10, United States Code, is*  
4 *amended—*

5 *(1) in subsection (a)—*

6 *(A) by striking “\$3,000,000” and inserting*  
7 *“the simplified acquisition threshold”;*

8 *(B) by striking “in the following service ac-*  
9 *quisition portfolio groups:” and inserting “in*  
10 *any service acquisition portfolio group.”; and*

11 *(C) by striking paragraphs (1) through (4);*

12 *(2) in subsection (c)(1)—*

13 *(A) by striking “staff augmentation con-*  
14 *tracts” and inserting “services contracts”; and*

15 *(B) by striking “Under Secretary of Defense*  
16 *for Acquisition, Technology, and Logistics” each*  
17 *place it appears and inserting “Under Secretary*  
18 *of Defense for Acquisition and Sustainment”;*  
19 *and*

20 *(3) in subsection (h)—*

21 *(A) by striking paragraph (6); and*

22 *(B) by redesignating paragraphs (7) and*  
23 *(8) as paragraphs (6) and (7), respectively.*

1 **SEC. 826. COMPETITION REQUIREMENTS FOR PURCHASES**  
2 **FROM FEDERAL PRISON INDUSTRIES.**

3 (a) *COMPETITION REQUIREMENTS FOR PURCHASES*  
4 *FROM FEDERAL PRISON INDUSTRIES.*—Subsections (a)  
5 and (b) of section 2410n of title 10, United States Code,  
6 are amended to read as follows:

7 “(a) *MARKET RESEARCH.*—Before purchasing a prod-  
8 uct listed in the latest edition of the Federal Prison Indus-  
9 tries catalog published under section 4124(d) of title 18, the  
10 Secretary of Defense shall conduct market research to deter-  
11 mine whether such product—

12 “(1) is comparable to products available from the  
13 private sector; and

14 “(2) best meets the needs of the Department of  
15 Defense in terms of price, quality, and time of deliv-  
16 ery.

17 “(b) *COMPETITION REQUIREMENT.*—If the Secretary  
18 determines that a Federal Prison Industries product is not  
19 comparable to products available from the private sector  
20 and does not best meet the needs of the Department of De-  
21 fense in terms of price, quality, or time of delivery pursuant  
22 to subsection (a), the Secretary shall use competitive proce-  
23 dures or make an individual purchase under a multiple  
24 award contract for the procurement of the product. In con-  
25 ducting such a competition or making such a purchase, the

1 *Secretary shall consider a timely offer from Federal Prison*  
 2 *Industries.”.*

3 (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
 4 *section (a) shall take effect 60 days after the date of the*  
 5 *enactment of this Act.*

6 **SEC. 827. REQUIREMENT FOR A FAIR AND REASONABLE**  
 7 **PRICE FOR TECHNICAL DATA BEFORE DEVEL-**  
 8 **OPMENT OR PRODUCTION OF MAJOR WEAP-**  
 9 **ON SYSTEMS.**

10 *Section 2439 of title 10, United States Code, is amend-*  
 11 *ed—*

12 (1) *by inserting “, to the maximum extent prac-*  
 13 *ticable,” after “shall ensure”; and*

14 (2) *by inserting “fair and reasonable” after “ne-*  
 15 *gotiates a”.*

16 **SEC. 828. REVISIONS IN AUTHORITY RELATING TO PRO-**  
 17 **GRAM COST TARGETS AND FIELDING TAR-**  
 18 **GETS FOR MAJOR DEFENSE ACQUISITION**  
 19 **PROGRAMS.**

20 (a) *REVISIONS IN AUTHORITY RELATING TO PROGRAM*  
 21 *COST AND FIELDING TARGETS.*—*Section 2448a of title 10,*  
 22 *United States Code, is amended—*

23 (1) *in subsection (a), by striking “the Secretary*  
 24 *of Defense” and inserting “the appropriate Sec-*  
 25 *retary”;*



1           (2) *by striking subsection (b); and*

2           (3) *by redesignating subsection (c) as subsection*  
 3           *(b) and adding at the end of that subsection the fol-*  
 4           *lowing new paragraph:*

5           “(3) *The term ‘appropriate Secretary’, with re-*  
 6           *spect to a major defense acquisition program,*  
 7           *means—*

8                     “(A) *the Secretary of the military depart-*  
 9                     *ment that is managing the program; or*

10                    “(B) *in the case of a program for which an*  
 11                    *alternate milestone decision authority is des-*  
 12                    *ignated under section 2430(d)(2) of this title, the*  
 13                    *Secretary of Defense.”.*

14           (b) *CONFORMING AMENDMENTS.—Such title is further*  
 15           *amended—*

16                    (1) *in section 2366a(c)(1)(A) by striking “by the*  
 17                    *Secretary of Defense”; and*

18                    (2) *in section 2366b—*

19                             (A) *in subsection (a)(3)(D), by striking*  
 20                             *“Secretary of Defense” and inserting “appro-*  
 21                             *priate Secretary (as defined in such section*  
 22                             *2448a)”;* and

23                             (B) *in subsection (c)(1)(A), by striking “by*  
 24                             *the Secretary of Defense”.*

1 **SEC. 829. REVISION OF TIMELINE FOR USE OF THE RAPID**  
 2 **FIELDING PATHWAY FOR ACQUISITION PRO-**  
 3 **GRAMS.**

4 *Section 804(b)(2) of the National Defense Authoriza-*  
 5 *tion Act for Fiscal Year 2016 (Public Law 114–92; 10*  
 6 *U.S.C. 2302 note) is amended by striking “complete fielding*  
 7 *within five years” and inserting “complete low-rate initial*  
 8 *production (as described under section 2400 of title 10,*  
 9 *United States Code) within five years”.*

10 **SEC. 830. CLARIFICATION OF SERVICES CONTRACTING**  
 11 **DEFINITIONS.**

12 *Not later than 180 days after the date of the enactment*  
 13 *of this Act, the Secretary of Defense shall revise the Defense*  
 14 *Federal Acquisition Regulation Supplement to clarify the*  
 15 *definitions of and relationships between terms related to*  
 16 *services contracts, including the appropriate use of personal*  
 17 *services contracts and nonpersonal services contracts, and*  
 18 *the responsibilities of individuals in the acquisition work-*  
 19 *force with respect to such contracts.*

20 ***Subtitle C—Provisions Relating to***  
 21 ***Commercial Items***

22 **SEC. 831. REVISION OF DEFINITION OF COMMERCIAL ITEM**  
 23 **FOR PURPOSES OF FEDERAL ACQUISITION**  
 24 **STATUTES.**

25 *(a) DEFINITIONS IN CHAPTER 1 OF TITLE 41, UNITED*  
 26 *STATES CODE.—*

1           (1) *SEPARATION OF “COMMERCIAL ITEM” DEFINITION INTO DEFINITIONS OF “COMMERCIAL PRODUCT” AND “COMMERCIAL SERVICE”*.—Chapter 1 of  
2           title 41, United States Code, is amended by striking  
3           section 103 and inserting the following new sections:  
4           

5           

6       **“§ 103. Commercial product**

7           *“In this subtitle, the term ‘commercial product’ means*  
8           *any of the following:*

9           *“(1) A product, other than real property, that—*

10           *“(A) is of a type customarily used by the*  
11           *general public or by nongovernmental entities for*  
12           *purposes other than governmental purposes; and*

13           *“(B) has been sold, leased, or licensed, or of-*  
14           *fered for sale, lease, or license, to the general*  
15           *public.*

16           *“(2) A product that—*

17           *“(A) evolved from a product described in*  
18           *paragraph (1) through advances in technology or*  
19           *performance; and*

20           *“(B) is not yet available in the commercial*  
21           *marketplace but will be available in the commer-*  
22           *cial marketplace in time to satisfy the delivery*  
23           *requirements under a Federal Government solici-*  
24           *tation.*

1           “(3) A product that would satisfy the criteria in  
2       paragraph (1) or (2) were it not for—

3           “(A) modifications of a type customarily  
4       available in the commercial marketplace; or

5           “(B) minor modifications made to meet  
6       Federal Government requirements.

7           “(4) Any combination of products meeting the  
8       requirements of paragraph (1), (2), or (3) that are of  
9       a type customarily combined and sold in combination  
10      to the general public.

11          “(5) A product, or combination of products, re-  
12      ferred to in paragraphs (1) through (4), even though  
13      the product, or combination of products, is trans-  
14      ferred between or among separate divisions, subsidi-  
15      aries, or affiliates of a contractor.

16          “(6) A nondevelopmental item if the procuring  
17      agency determines, in accordance with conditions in  
18      the Federal Acquisition Regulation, that—

19           “(A) the product was developed exclusively  
20      at private expense; and

21           “(B) has been sold in substantial quantities,  
22      on a competitive basis, to multiple State and  
23      local governments or to multiple foreign govern-  
24      ments.

1 **“§ 103a. Commercial service**

2       *“In this subtitle, the term ‘commercial service’ means*  
3 *any of the following:*

4           *“(1) Installation services, maintenance services,*  
5 *repair services, training services, and other services*  
6 *if—*

7           *“(A) those services are procured for support*  
8 *of a commercial product, regardless of whether*  
9 *the services are provided by the same source or*  
10 *at the same time as the commercial product; and*

11           *“(B) the source of the services provides*  
12 *similar services contemporaneously to the general*  
13 *public under terms and conditions similar to*  
14 *those offered to the Federal Government;*

15           *“(2) Services of a type offered and sold competi-*  
16 *tively, in substantial quantities, in the commercial*  
17 *marketplace—*

18           *“(A) based on established catalog or market*  
19 *prices;*

20           *“(B) for specific tasks performed or specific*  
21 *outcomes to be achieved; and*

22           *“(C) under standard commercial terms and*  
23 *conditions.*

24           *“(3) A service described in paragraph (1) or (2),*  
25 *even though the service is transferred between or*

1       *among separate divisions, subsidiaries, or affiliates of*  
 2       *a contractor.”.*

3               (2) *CONFORMING AMENDMENTS TO TITLE 41*  
 4       *DEFINITIONS.—*

5               (A) *DEFINITION OF COMMERCIAL COMPO-*  
 6       *NENT.—Section 102 of such title is amended by*  
 7       *striking “commercial item” and inserting “com-*  
 8       *mercial product”.*

9               (B) *DEFINITION OF COMMERCIALLY AVAIL-*  
 10       *ABLE OFF-THE-SHELF ITEM.—Section 104(1)(A)*  
 11       *is amended by striking “commercial item” and*  
 12       *inserting “commercial product”.*

13              (C) *DEFINITION OF NONDEVELOPMENTAL*  
 14       *ITEM.—Section 110(1) of such title is amended*  
 15       *by striking “commercial item” and inserting*  
 16       *“commercial product”.*

17              (3) *CLERICAL AMENDMENT.—The table of sec-*  
 18       *tions at the beginning of chapter 1 of title 41, United*  
 19       *States Code, is amended by striking the item relating*  
 20       *to section 103 and inserting the following new items:*

*“103. Commercial product.*

*“103a. Commercial service.”.*

21              (b) *CONFORMING AMENDMENTS TO OTHER PROVI-*  
 22       *SIONS OF TITLE 41, UNITED STATES CODE.—Title 41,*  
 23       *United States Code, is further amended as follows:*

24              (1) *Section 1502(b) is amended—*

1           (A) in paragraph (1)(A), by striking “com-  
2           mercial items” and inserting “commercial prod-  
3           ucts or commercial services”;

4           (B) in paragraph (1)(C)(i), by striking  
5           “commercial item” and inserting “commercial  
6           product or commercial service”; and

7           (C) in paragraph (3)(A)(i), by striking  
8           “commercial items” and inserting “commercial  
9           products or commercial services”.

10          (2) Section 1705(c) is amended by striking  
11          “commercial items” and inserting “commercial prod-  
12          ucts and commercial services”.

13          (3) Section 1708 is amended by striking “com-  
14          mercial items” in subsections (c)(6) and (e)(3) and  
15          inserting “commercial products or commercial serv-  
16          ices”.

17          (4) Section 1901 is amended—

18               (A) in subsection (a)(2), by striking “com-  
19               mercial items” and inserting “commercial prod-  
20               ucts or commercial services”; and

21               (B) in subsection (e)—

22                       (i) by striking “COMMERCIAL ITEMS”  
23                       in the subsection heading and inserting  
24                       “COMMERCIAL PRODUCTS AND COMMER-  
25                       CIAL SERVICES”; and

1                   (ii) by striking “commercial items”  
2                   and inserting “commercial products or com-  
3                   mercial services”.

4           (5) Section 1903(c) is amended—

5                   (A) in the subsection heading, by striking  
6                   “COMMERCIAL ITEM” and inserting “COMMER-  
7                   CIAL PRODUCT OR COMMERCIAL SERVICE”;

8                   (B) in paragraph (1), by striking “as a  
9                   commercial item” and inserting “as a commer-  
10                  cial product or a commercial service”; and

11                  (C) in paragraph (2), by striking “for an  
12                  item or service treated as a commercial item”  
13                  and inserting “for a product or service treated as  
14                  a commercial product or a commercial service”.

15           (6)(A) Section 1906 is amended by striking  
16           “commercial items” each place it appears in sub-  
17           sections (b), (c), and (d) and inserting “commercial  
18           products or commercial services”.

19           (B)(i) The heading of such section is amended to  
20           read as follows:



1 **“§ 1906. List of laws inapplicable to procurements of**  
 2 **commercial products and commercial**  
 3 **services”.**

4 (ii) *The table of sections at the beginning of*  
 5 *chapter 19 is amended by striking the item relating*  
 6 *to section 1906 and inserting the following new item:*

*“1906. List of laws inapplicable to procurements of commercial products and commercial services.”.*

7 (7) *Section 3304 is amended by striking “com-*  
 8 *mercial item” in subsections (a)(5) and (e)(4)(B) and*  
 9 *inserting “commercial product”.*

10 (8) *Section 3305(a)(2) is amended by striking*  
 11 *“commercial items” and inserting “commercial prod-*  
 12 *ucts or commercial services”.*

13 (9) *Section 3306(b) is amended by striking*  
 14 *“commercial items” and inserting “commercial prod-*  
 15 *ucts or commercial services”.*

16 (10)(A) *Section 3307 is amended—*

17 (i) *in subsection (a)—*

18 (I) *by striking “COMMERCIAL ITEMS”*  
 19 *in the subsection heading and inserting*  
 20 *“COMMERCIAL PRODUCTS AND COMMER-*  
 21 *CIAL SERVICES”;*

22 (II) *in paragraph (1), by striking*  
 23 *“commercial items” and inserting “com-*

1           *mercial products and commercial services*";  
2           *and*

3                 *(III) in paragraph (2), by striking "a*  
4                 *commercial item" and inserting "a com-*  
5                 *mercial product or commercial service*";  
6           *(ii) in subsection (b)—*

7                 *(I) in paragraph (2), by striking*  
8                 *"commercial items or, to the extent that*  
9                 *commercial items suitable to meet the execu-*  
10                *tive agency's needs are not available, non-*  
11                *developmental items other than commercial*  
12                *items" and inserting "commercial services*  
13                *or commercial products or, to the extent*  
14                *that commercial products suitable to meet*  
15                *the executive agency's needs are not avail-*  
16                *able, nondevelopmental items other than*  
17                *commercial products"; and*

18                *(II) in paragraph (3), by striking*  
19                *"commercial items and nondevelopmental*  
20                *items other than commercial items" and in-*  
21                *serting "commercial services, commercial*  
22                *products, and nondevelopmental items other*  
23                *than commercial products";*  
24           *(iii) in subsection (c)—*

1           (I) in paragraphs (1) and (2), by  
2           striking “commercial items or nondevelop-  
3           mental items other than commercial items”  
4           and inserting “commercial services or com-  
5           mercial products or nondevelopmental items  
6           other than commercial products”;

7           (II) in paragraphs (3) and (4), by  
8           striking “commercial items or, to the extent  
9           that commercial items suitable to meet the  
10          executive agency’s needs are not available,  
11          nondevelopmental items other than commer-  
12          cial items” and inserting “commercial serv-  
13          ices or commercial products or, to the extent  
14          that commercial products suitable to meet  
15          the executive agency’s needs are not avail-  
16          able, nondevelopmental items other than  
17          commercial products”; and

18          (III) in paragraphs (5) and (6), by  
19          striking “commercial items” and inserting  
20          “commercial products and commercial serv-  
21          ices”;

22          (iv) in subsection (d)(2), by striking “com-  
23          mercial items or, to the extent that commercial  
24          items suitable to meet the executive agency’s  
25          needs are not available, nondevelopmental items

1        *other than commercial items” and inserting*  
2        *“commercial services or commercial products or,*  
3        *to the extent that commercial products suitable*  
4        *to meet the executive agency’s needs are not*  
5        *available, nondevelopmental items other than*  
6        *commercial products”;* and

7                *(v) in subsection (e)—*

8                        *(I) in paragraph (1), by inserting*  
9                        *“103a, 104,” after “sections 102, 103,”;*

10                      *(II) in paragraph (2)(A), by striking*  
11                      *“commercial items” and inserting “com-*  
12                      *mercial products or commercial services”;*

13                      *(III) in the first sentence of paragraph*  
14                      *(2)(B), by striking “commercial end items”*  
15                      *and inserting “end items that are commer-*  
16                      *cial products”;*

17                      *(IV) in paragraphs (2)(B)(i), (2)(C)(i)*  
18                      *and (2)(D), by striking “commercial items*  
19                      *or commercial components” and inserting*  
20                      *“commercial products, commercial compo-*  
21                      *nents, or commercial services”;*

22                      *(V) in paragraph (2)(C), in the matter*  
23                      *preceding clause (i), by striking “commer-*  
24                      *cial items” and inserting “commercial*  
25                      *products or commercial services”;*

1                   (VI) in paragraph (4)(A), by striking  
2                   “commercial items” and inserting “com-  
3                   mercial products or commercial services”;

4                   (VII) in paragraph (4)(C)(i), by strik-  
5                   ing “commercial item, as described in sec-  
6                   tion 103(5)” and inserting “commercial  
7                   product, as described in section 103a(1)”;  
8                   and

9                   (VIII) in paragraph (5), by striking  
10                  “items” each place it appears and inserting  
11                  “products”.

12                (B)(i) The heading of such section is amended to  
13                read as follows:

14       **“§ 3307. Preference for commercial products and com-**  
15       **mercial services”.**

16               (ii) The table of sections at the beginning of  
17               chapter 33 is amended by striking the item relating  
18               to section 3307 and inserting the following new item:

“3307. Preference for commercial products and commercial services.”.

19               (11) Section 3501 is amended—

20               (A) in subsection (a)—

21                   (i) by striking paragraph (1);

22                   (ii) by redesignating paragraphs (2)

23                   and (3) as paragraphs (1) and (2), respec-

24                   tively; and

1                   (iii) in paragraph (2) (as so redesign-  
2                   nated), by striking “commercial items” and  
3                   inserting “commercial products or commer-  
4                   cial services”; and  
5                   (B) in subsection (b)—

6                   (i) by striking “ITEM” in the heading  
7                   for paragraph (1); and

8                   (ii) by striking “commercial items” in  
9                   paragraphs (1) and (2)(A) and inserting  
10                  “commercial services”.

11               (12) Section 3503 is amended—

12               (A) in subsection (a)(2), by striking “a  
13               commercial item” and inserting “a commercial  
14               product or a commercial service”; and

15               (B) in subsection (b)—

16               (i) by striking “COMMERCIAL ITEMS”  
17               in the subsection heading and inserting  
18               “COMMERCIAL PRODUCTS OR COMMERCIAL  
19               SERVICES”; and

20               (ii) by striking “a commercial item”  
21               each place it appears and inserting “a com-  
22               mercial product or a commercial service”.

23               (13) Section 3505(b) is amended by striking  
24               “commercial items” each place it appears and insert-  
25               ing “commercial products or commercial services”.

1           (14) Section 3509(b) is amended by striking  
2           “commercial items” and inserting “commercial prod-  
3           ucts or commercial services”.

4           (15) Section 3704(c)(5) is amended by striking  
5           “commercial item” and inserting “commercial prod-  
6           uct”.

7           (16) Section 3901(b)(3) is amended by striking  
8           “commercial items” and inserting “commercial prod-  
9           ucts or commercial services”.

10          (17) Section 4301(2) is amended by striking  
11          “commercial items” and inserting “commercial prod-  
12          ucts or commercial services”.

13          (18)(A) Section 4505 is amended by striking  
14          “commercial items” in subsections (a) and (c) and  
15          inserting “commercial products or commercial serv-  
16          ices”.

17          (B)(i) The heading of such section is amended to  
18          read as follows:

19          **“§4505. Payments for commercial products and com-**  
20          **mercial services”.**

21          (ii) The table of sections at the beginning of  
22          chapter 45 is amended by striking the item relating  
23          to section 4505 and inserting the following new item:

          “4505. Payments for commercial products and commercial services.”.

1           (19) Section 4704(d) is amended by striking  
2           “commercial items” both places it appears and insert-  
3           ing “commercial products or commercial services”.

4           (20) Sections 8102(a)(1), 8703(d)(2), and  
5           8704(b) are amended by striking “commercial items  
6           (as defined in section 103 of this title)” and inserting  
7           “commercial products or commercial services (as de-  
8           fined in sections 103 and 103a, respectively, of this  
9           title)”.

10          (c) AMENDMENTS TO CHAPTER 137 OF TITLE 10,  
11          UNITED STATES CODE.—Chapter 137 of title 10, United  
12          States Code, is amended as follows:

13               (1) Section 2302(3) is amended—

14                       (A) by redesignating subparagraphs (J),  
15                       (K), and (L) as subparagraphs (K), (L), and  
16                       (M); and

17                       (B) by striking subparagraph (I) and in-  
18                       serting the following new subparagraphs (I) and  
19                       (J):

20                               “(I) The term ‘commercial product’.

21                               “(J) The term ‘commercial service’.”.

22               (2) Section 2304 is amended—

23                       (A) in subsections (c)(5) and (f)(2)(B), by  
24                       striking “brand-name commercial item” and in-  
25                       serting “brand-name commercial product”;



1           (B) in subsection (g)(1)(B), by striking  
2           “commercial items” and inserting “commercial  
3           products or commercial services”; and

4           (C) in subsection (i)(3), by striking “com-  
5           mercial items” and inserting “commercial prod-  
6           ucts”.

7           (3) Section 2305 is amended—

8           (A) in subsection (a)(2), by striking “com-  
9           mercial items” and inserting “commercial prod-  
10          ucts or commercial services”; and

11          (B) in subsection (b)(5)(B)(v), by striking  
12          “commercial item” and inserting “commercial  
13          product”.

14          (4) Section 2306(b) is amended by striking  
15          “commercial items” and inserting “commercial prod-  
16          ucts or commercial services”.

17          (5) Section 2306a is amended—

18           (A) in subsection (b)—

19           (i) in paragraph (1)(B), by striking “a  
20           commercial item” and inserting “a com-  
21           mercial product or a commercial service”;

22           (ii) in paragraph (2)—

23           (I) by striking “COMMERCIAL  
24           ITEMS” in the paragraph heading and

1 *inserting “COMMERCIAL PRODUCTS OR*  
2 *COMMERCIAL SERVICES”;* and

3 *(II) by striking “commercial*  
4 *item” each place it appears and insert-*  
5 *ing “commercial product or commer-*  
6 *cial services”;*

7 *(iii) in paragraph (3)—*

8 *(I) by striking “COMMERCIAL*  
9 *ITEMS” in the paragraph heading and*  
10 *inserting “COMMERCIAL PRODUCTS”;*  
11 *and*

12 *(II) by striking “item” each place*  
13 *it appears and inserting “product”;*  
14 *and*

15 *(iv) in paragraph (4)—*

16 *(I) by striking “COMMERCIAL*  
17 *ITEM” in the paragraph heading and*  
18 *inserting “COMMERCIAL PRODUCT OR*  
19 *COMMERCIAL SERVICE”;*

20 *(II) by striking “commercial*  
21 *item” in subparagraph (A) after “ap-*  
22 *plying the”;*

23 *(III) by striking “prior commer-*  
24 *cial item determination” in subpara-*  
25 *graph (A) and inserting “prior com-*

1           *mercial product or commercial service*  
2           *determination”;*

3                     *(IV) by striking “of such item” in*  
4                     *subparagraph (A) and inserting “of*  
5                     *such product or service”;*

6                     *(V) by striking “of an item pre-*  
7                     *viously determined to be a commercial*  
8                     *item” in subparagraph (B) and insert-*  
9                     *ing “of a product or service previously*  
10                    *determined to be a commercial product*  
11                    *or a commercial service”;*

12                    *(VI) by striking “of a commercial*  
13                    *item,” in subparagraph (B) and in-*  
14                    *serting “of a commercial product or a*  
15                    *commercial service, as the case may*  
16                    *be,”;*

17                    *(VII) by striking “the commercial*  
18                    *item determination” in subparagraph*  
19                    *(B) and inserting “the commercial*  
20                    *product or commercial service deter-*  
21                    *mination”;* and

22                    *(VIII) by striking “commercial*  
23                    *item” in subparagraph (C); and*

1                   (v) in paragraph (5), by striking  
2                   “commercial items” and inserting “com-  
3                   mercial products or commercial services”;

4                   (B) in subsection (d)(2), by striking “com-  
5                   mercial items” each place it appears and insert-  
6                   ing “commercial products or commercial serv-  
7                   ices”; and

8                   (C) in subsection (h)—

9                   (i) in paragraph (2), by striking “com-  
10                  mercial items” and inserting “commercial  
11                  products or commercial services”; and

12                  (ii) by striking paragraph (3).

13               (6) Section 2307(f) is amended—

14                   (A) by striking “COMMERCIAL ITEMS” in  
15                   the subsection heading and inserting “COMMER-  
16                   CIAL PRODUCTS AND COMMERCIAL SERVICES”;  
17                   and

18                   (B) by striking “commercial items” in  
19                   paragraphs (1) and (2) and inserting “commer-  
20                   cial products and commercial services”.

21               (7) Section 2320(b) is amended—

22                   (A) in paragraph (1), by striking “a com-  
23                   mercial item, the item” and inserting “a com-  
24                   mercial product, the product”; and

1                   (B) in paragraph (9)(A), by striking “any  
 2                   noncommercial item or process” and inserting  
 3                   “any noncommercial product or process”.

4                   (8) Section 2321(f) is amended—

5                   (A) in paragraph (1)—

6                   (i) by striking “commercial items” and  
 7                   inserting “commercial products”; and

8                   (ii) by striking “the item” both places  
 9                   it appears and inserting “commercial prod-  
 10                  ucts”; and

11                  (B) in paragraph (2)(A), in clauses (i) and  
 12                  (ii), by striking “commercial item” and insert-  
 13                  ing “commercial product”.

14                  (9) Section 2324(l)(1)(A) is amended by striking  
 15                  “commercial items” and inserting “commercial prod-  
 16                  ucts or commercial services”.

17                  (10) Section 2335(b) is amended by striking  
 18                  “commercial items” and inserting “commercial prod-  
 19                  ucts and commercial services”.

20                  (d) AMENDMENTS TO CHAPTER 140 OF TITLE 10,  
 21                  UNITED STATES CODE.—Chapter 140 of title 10, United  
 22                  States Code, is amended as follows:

23                  (1) Section 2375 is amended—

1           (A) in subsection (a), by striking “commer-  
 2           cial item” in paragraphs (1) and (2) and insert-  
 3           ing “commercial product or commercial service”;

4           (B) in subsections (b) and (c)—

5                 (i) by striking “COMMERCIAL ITEMS”  
 6                 in the subsection heading and inserting  
 7                 “COMMERCIAL PRODUCTS AND COMMER-  
 8                 CIAL SERVICES”; and

9                 (ii) by striking “commercial items”  
 10                 each place it appears and inserting “com-  
 11                 mercial products and commercial services”;  
 12                 and

13           (C) in subsection (e)(3), by striking “com-  
 14           mercial items” and inserting “commercial prod-  
 15           ucts and commercial services”.

16           (2) Section 2376(1) is amended—

17                 (A) by striking “terms ‘commercial item’,”  
 18                 and inserting “terms ‘commercial product’, ‘com-  
 19                 mercial service’,”; and

20                 (B) by striking “chapter 1 of title 41” and  
 21                 inserting “sections 103, 103a, 110, 105, and 102,  
 22                 respectively, of title 41”.

23           (3) Section 2377 is amended—

24                 (A) in subsection (a)—

1           (i) in paragraph (2), by striking “com-  
2           mercial items or, to the extent that commer-  
3           cial items suitable to meet the agency’s  
4           needs are not available, nondevelopmental  
5           items other than commercial items” and in-  
6           serting “commercial services or commercial  
7           products or, to the extent that commercial  
8           products suitable to meet the agency’s needs  
9           are not available, nondevelopmental items  
10          other than commercial products”; and

11          (ii) in paragraph (3), by striking  
12          “commercial items and nondevelopmental  
13          items other than commercial items” and in-  
14          serting “commercial services, commercial  
15          products, and nondevelopmental items other  
16          than commercial products”;

17          (B) in subsection (b)—

18               (i) in paragraphs (1) and (2), by strik-  
19               ing “commercial items or nondevelopmental  
20               items other than commercial items” and in-  
21               serting “commercial services, commercial  
22               products, or nondevelopmental items other  
23               than commercial products”;

24               (ii) in paragraphs (3) and (4), by  
25               striking “commercial items or, to the extent

1           *that commercial items suitable to meet the*  
2           *agency's needs are not available, non-*  
3           *developmental items other than commercial*  
4           *items" and inserting "commercial services*  
5           *or commercial products or, to the extent*  
6           *that commercial products suitable to meet*  
7           *the agency's needs are not available, non-*  
8           *developmental items other than commercial*  
9           *products"; and*

10           *(iii) in paragraphs (5) and (6), by*  
11           *striking "commercial items" and inserting*  
12           *"commercial products and commercial serv-*  
13           *ices";*

14           *(C) in subsection (c)—*

15           *(i) in paragraph (2), by striking "com-*  
16           *mercial items or, to the extent that commer-*  
17           *cial items suitable to meet the agency's*  
18           *needs are not available, nondevelopmental*  
19           *items other than commercial items" and in-*  
20           *serting "commercial services or commercial*  
21           *products or, to the extent that commercial*  
22           *products suitable to meet the agency's needs*  
23           *are not available, nondevelopmental items*  
24           *other than commercial products"; and*



1                   (ii) in paragraph (4), by striking  
 2                   “items other than commercial items” and  
 3                   inserting “products other than commercial  
 4                   products or services other than commercial  
 5                   services”;

6                   (D) in subsection (d)—

7                   (i) in the first sentence, by striking  
 8                   “commercial items” and inserting “com-  
 9                   mercial products or commercial services”;

10                  (ii) in paragraph (1), by striking  
 11                  “items” and inserting “products or serv-  
 12                  ices”; and

13                  (iii) in paragraph (2), by striking  
 14                  “items” and inserting “products or serv-  
 15                  ices”; and

16                  (E) in subsection (e)(1), by striking “com-  
 17                  mercial items” and inserting “commercial prod-  
 18                  ucts and commercial services”.

19                  (4) Section 2379 is amended—

20                  (A) by striking “COMMERCIAL ITEMS” in  
 21                  the headings of subsections (b) and (c) and in-  
 22                  serting “COMMERCIAL PRODUCTS”;

23                  (B) in subsections (a)(1)(A), (b)(2), and  
 24                  (c)(1)(B), by striking “, as defined in section 103  
 25                  of title 41”; and

1           (C) by striking “commercial item” and  
2           “commercial items” each place they appear and  
3           inserting “commercial product” and “commer-  
4           cial products”, respectively.

5           (5) Section 2380 is amended—

6           (A) in subsection (a), by striking “commer-  
7           cial item determinations” in paragraphs (1) and  
8           (2) and inserting “commercial product and com-  
9           mercial service determinations”; and

10          (B) in subsection (b) (as added by section  
11          848 of the National Defense Authorization Act  
12          for Fiscal Year 2018)—

13               (i) by striking “ITEM” in the sub-  
14               section heading;

15               (ii) by striking “an item” each place it  
16               appears and inserting “a product or serv-  
17               ice”;

18               (iii) by striking “item” after “using  
19               commercial” each place it appears;

20               (iv) by striking “prior commercial  
21               item determination” and inserting “prior  
22               commercial product or service determina-  
23               tion”;

24               (v) by striking “such item” and insert-  
25               ing “such product or service”; and

1                   (vi) by striking “the item” both places  
 2                   it appears and inserting “the product or  
 3                   service”.

4           (6) Section 2380a is amended—

5                   (A) in subsection (a)—

6                           (i) by striking “items and” and insert-  
 7                           ing “products and”; and

8                           (ii) by striking “commercial items”  
 9                           and inserting “commercial products and  
 10                           commercial services, respectively,”; and

11                   (B) in subsection (b), by striking “commer-  
 12                   cial items” and inserting “commercial services”.

13           (7) Section 2380B is amended by striking “com-  
 14           mercial item” and inserting “commercial product”.

15           (8) AMENDMENTS TO HEADINGS, ETC.—

16                   (A) The heading of such chapter is amended  
 17                   to read as follows:

18   **“CHAPTER 140—PROCUREMENT OF COM-**  
 19   **MERCIAL PRODUCTS AND COMMER-**  
 20   **CIAL SERVICES”.**

21                   (B) The heading of section 2375 is amended  
 22                   to read as follows:

1 **“§ 2375. Relationship of other provisions of law to pro-**  
2 **curement of commercial products and**  
3 **commercial services”.**

4 (C) *The heading of section 2377 is amended*  
5 *to read as follows:*

6 **“§ 2377. Preference for commercial products and com-**  
7 **mercial services”.**

8 (D) *The heading of section 2379 is amended*  
9 *to read as follows:*

10 **“§ 2379. Procurement of a major weapon system as a**  
11 **commercial product: requirement for**  
12 **prior determination by Secretary of De-**  
13 **fense and notification to Congress”.**

14 (E) *The heading of section 2380 is amended*  
15 *to read as follows:*

16 **“§ 2380. Commercial product and commercial service**  
17 **determinations by Department of De-**  
18 **fense”.**

19 (F) *The heading of section 2380a is amend-*  
20 *ed to read as follows:*

21 **“§ 2380a. Treatment of certain products and services**  
22 **as commercial products and commercial**  
23 **services”.**

24 (G) *Section 2380B is redesignated as sec-*  
25 *tion 2380b and the heading of that section is*  
26 *amended to read as follows:*

1 **“§2380b. Treatment of commingled items purchased**  
 2 **by contractors as commercial products”.**

3 *(H) The table of sections at the beginning of*  
 4 *such chapter is amended to read as follows:*

*“2375. Relationship of other provisions of law to procurement of commercial products and commercial services.*

*“2376. Definitions.*

*“2377. Preference for commercial products and commercial services.*

*“2379. Procurement of a major weapon system as a commercial product: requirement for prior determination by Secretary of Defense and notification to Congress.*

*“2380. Commercial product and commercial service determinations by Department of Defense.*

*“2380a. Treatment of certain products and services as commercial products and commercial services.*

*“2380b. Treatment of commingled items purchased by contractors as commercial products.”.*

5 *(e) OTHER AMENDMENTS TO TITLE 10, UNITED*  
 6 *STATES CODE.—Title 10, United States Code, is further*  
 7 *amended as follows:*

8 *(1) Section 2226(b) is amended by striking “for*  
 9 *services” and all that follows through “deliverable*  
 10 *items” and inserting “for services or deliverable*  
 11 *items”.*

12 *(2) Section 2384(b)(2) is amended by striking*  
 13 *“commercial items” and inserting “commercial prod-*  
 14 *ucts”.*

15 *(3) Section 2393(d) is amended by striking*  
 16 *“commercial items (as defined in section 103 of title*  
 17 *41)” and inserting “commercial products or commer-*  
 18 *cial services (as defined in sections 103 and 103a, re-*  
 19 *spectively, of title 41)”.*

1           (4) *Section 2402(d) is amended—*

2                   (A) *in paragraph (1), by striking “commer-*  
3                   *cial items” both places it appears and inserting*  
4                   *“commercial products or commercial services”;*  
5                   *and*

6                   (B) *in paragraph (2), by striking “the*  
7                   *term” and all that follows and inserting “the*  
8                   *terms ‘commercial product’ and ‘commercial*  
9                   *service’ have the meanings given those terms in*  
10                  *sections 103 and 103a, respectively, of title 41.”.*

11           (5) *Section 2408(a)(4)(B) is amended by strik-*  
12           *ing “commercial items (as defined in section 103 of*  
13           *title 41)” and inserting “commercial products or*  
14           *commercial services (as defined in sections 103 and*  
15           *103a, respectively, of title 41)”.*

16           (6) *Section 2410b(c) is amended by striking*  
17           *“commercial items” and inserting “commercial prod-*  
18           *ucts”.*

19           (7) *Section 2410g(d)(1) is amended by striking*  
20           *“Commercial items (as defined in section 103 of title*  
21           *41)” and inserting “Commercial products or commer-*  
22           *cial services (as defined in sections 103 and 103a, re-*  
23           *spectively, of title 41)”.*

24           (8) *Section 2447a is amended—*

1           (A) in subsection (a)(2), by striking “com-  
2           mercial items and technologies” and inserting  
3           “commercial products and technologies”; and

4           (B) in subsection (c), by inserting before the  
5           period at the end the following: “and the term  
6           ‘commercial product’ has the meaning given that  
7           term in section 103 of title 41”.

8           (9) Section 2451(d) is amended by striking  
9           “commercial items” and inserting “commercial prod-  
10          ucts (as defined in section 103 of title 41)”.

11          (10) Section 2464 is amended—

12           (A) in subsection (a)—

13               (i) in paragraph (3), by striking “com-  
14               mercial items” and inserting “commercial  
15               products or commercial services”; and

16               (ii) in paragraph (5), by striking “The  
17               commercial items covered by paragraph (3)  
18               are commercial items” and inserting “The  
19               commercial products or commercial services  
20               covered by paragraph (3) are commercial  
21               products (as defined in section 103 of title  
22               41) or commercial services (as defined in  
23               section 103a of such title)”;

24           (B) in subsection (c)—

1                   (i) by striking “COMMERCIAL ITEMS”  
 2                   in the subsection heading and inserting  
 3                   “COMMERCIAL PRODUCTS OR COMMERCIAL  
 4                   SERVICES”; and  
 5                   (ii) by striking “commercial item” and  
 6                   inserting “commercial product or commer-  
 7                   cial service”.

8                   (11) Section 2484(f) is amended—

9                   (A) by striking “COMMERCIAL ITEMS” in  
 10                  the subsection heading and inserting “COMMER-  
 11                  CIAL PRODUCTS”; and

12                  (B) by striking “commercial item” and in-  
 13                  serting “commercial product”.

14                  (12) The items relating to chapter 140 in the ta-  
 15                  bles of chapters at the beginning of subtitle A, and at  
 16                  the beginning of part IV of subtitle A, are amended  
 17                  to read as follows:

**“140. Procurement of Commercial Products and Commer-  
                   cial Services ..... 2377”.**

18                  (f) AMENDMENTS TO PROVISIONS OF NATIONAL DE-  
 19                  FENSE AUTHORIZATION ACTS.—

20                  (1) Section 806(b) of the National Defense Au-  
 21                  thorization Act for Fiscal Years 1992 and 1993 (Pub-  
 22                  lic Law 102–190; 10 U.S.C. 2302 note) is amended  
 23                  by striking “commercial items (as defined in section  
 24                  103 of title 41, United States Code)” and inserting



1       *“commercial products or commercial services (as de-*  
2       *finied in sections 103 and 103a, respectively, of title*  
3       *41, United States Code)”.*

4               *(2) Section 821(e) of the Floyd D. Spence Na-*  
5       *tional Defense Authorization Act for Fiscal Year 2001*  
6       *(as enacted into law by Public Law 106–398; 10*  
7       *U.S.C. 2302 note) is amended—*

8                       *(A) by striking paragraph (2); and*

9                       *(B) by redesignating paragraph (3) as*  
10       *paragraph (2).*

11               *(3) Section 821(b) of the National Defense Au-*  
12       *thorization Act for Fiscal Year 2008 (Public Law*  
13       *110–181; 10 U.S.C. 2304 note) is amended—*

14                       *(A) in paragraph (1), by striking “a com-*  
15       *mercial item” and inserting “a commercial*  
16       *product or a commercial service”;*

17                       *(B) in paragraph (2), by striking “commer-*  
18       *cial item” and inserting “commercial product”;*  
19       *and*

20                       *(C) by adding at the end the following new*  
21       *paragraph:*

22               *“(3) The term ‘commercial service’ has the mean-*  
23       *ing provided by section 103a of title 41, United*  
24       *States Code.”.*

1           (4) *Section 817(d) of the Bob Stump National*  
2           *Defense Authorization Act for Fiscal Year 2003 (Pub-*  
3           *lic Law 107–314; 10 U.S.C. 2306a note) is amend-*  
4           *ed—*

5                     *(A) in paragraph (1), by striking “commer-*  
6                     *cial item exceptions” and inserting “commercial*  
7                     *product-commercial service exceptions”; and*

8                     *(B) in paragraph (2), by striking “commer-*  
9                     *cial item exception” and inserting “commercial*  
10                    *product-commercial service exception”;*

11           (5) *Section 852(b)(2)(A)(ii) of the National De-*  
12           *fense Authorization Act for Fiscal Year 2007 (Public*  
13           *Law 109–364; 10 U.S.C. 2324 note) is amended by*  
14           *striking “a commercial item, as defined in section*  
15           *103 of title 41” and inserting “a commercial product*  
16           *or a commercial service, as defined in sections 103*  
17           *and 103a, respectively, of title 41”.*

18           (6) *Section 805 of the National Defense Author-*  
19           *ization Act for Fiscal Year 2008 (Public Law 110–*  
20           *181; 10 U.S.C. 2330 note) is amended—*

21                     *(A) in subsection (b), by striking “commer-*  
22                     *cial items” in paragraphs (1) and (2)(A) and*  
23                     *inserting “commercial services”; and*

24                     *(B) in subsection (c)—*

(i) by striking “ITEM” in the headings for paragraphs (1) and (2) and inserting “SERVICES”;

(ii) in the matter in paragraph (1) preceding subparagraph (A), by striking “commercial item” and inserting “commercial service”;

(iii) in paragraph (1)(A), by striking “a commercial item, as described in section 103(5) of title 41” and inserting “a service, as described in section 103a(1) of title 41”;

(iv) in paragraph (1)(C)(i), by striking “section 103(6) of title 41” and inserting “section 103a(2) of title 41”; and

(v) in paragraph (2), by striking “item” and inserting “service”.

(7) Section 849(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 2377 note) is amended—

(A) by striking “commercial items” in paragraph (1) and inserting “commercial products”;

(B) by striking “commercial item” in paragraph (3)(B)(i) and inserting “commercial product”; and

1                   (C) by adding at the end the following new  
2                   paragraph:

3                   “(5) *DEFINITION.*—*In this subsection, the term*  
4                   ‘commercial product’ has the meaning given that term  
5                   *in section 103 of title 41.*”.

6                   (8) *Section 856(a)(1) of the National Defense*  
7                   *Authorization Act for Fiscal Year 2016 (Public Law*  
8                   *114–92; 10 U.S.C. 2377 note) is amended by striking*  
9                   *“commercial items or services” and inserting “a com-*  
10                  *mercial product or a commercial service, as defined*  
11                  *in sections 103 and 103a, respectively, of title 41,”.*

12                  (9) *Section 879 of the National Defense Author-*  
13                  *ization Act for Fiscal Year 2017 (Public Law 114–*  
14                  *328; 10 U.S.C. 2302 note) is amended—*

15                  (A) *in the section heading, by striking*  
16                  **“COMMERCIAL ITEMS”** *and inserting “COM-*  
17                  **MERCIAL PRODUCTS”**;

18                  (B) *in subsection (a), by striking “commer-*  
19                  *cial items” and inserting “commercial prod-*  
20                  *ucts”*;

21                  (C) *in subsection (c)(3)—*

22                         (i) *by striking “COMMERCIAL ITEMS”*  
23                         *in the paragraph heading and inserting*  
24                         **“COMMERCIAL PRODUCTS OR COMMERCIAL**  
25                         **SERVICES”**; *and*

1                   (ii) by striking “commercial items”  
 2                   and inserting “commercial products or com-  
 3                   mercial services”; and  
 4                   (D) in subsection (e)(2), by striking “item”  
 5                   in subparagraphs (A) and (B) and inserting  
 6                   “products”.

7                   (10) Section 880 of the National Defense Author-  
 8                   ization Act for Fiscal Year 2017 (Public Law 114–  
 9                   328; 41 U.S.C. 3301 note) is amended by striking  
 10                  “commercial items” in subsection (a)(1) and insert-  
 11                  ing “commercial products”.

12                  (g) CONFORMING AMENDMENTS TO OTHER STAT-  
 13                  UTES.—

14                  (1) Section 604(g) of the American Recovery and  
 15                  Reinvestment Act of 2009 (6 U.S.C. 453b(g)) is  
 16                  amended—

17                         (A) by striking “COMMERCIAL ITEMS” in  
 18                         the subsection heading and inserting “COMMER-  
 19                         CIAL PRODUCTS”;

20                         (B) by striking “procurement of commer-  
 21                         cial” in the first sentence and all that follows  
 22                         through “items listed” and inserting “procure-  
 23                         ment of commercial products notwithstanding  
 24                         section 1906 of title 41, United States Code, with  
 25                         the exception of commercial products listed”; and

1                   (C) *in the second sentence—*

2                   (i) *by inserting “product” after “com-*  
3                   *mercial”; and*

4                   (ii) *by striking “in the” and all that*  
5                   *follows and inserting “in section 103 of title*  
6                   *41, United States Code.”.*

7                   (2) *Section 142 of the Higher Education Act of*  
8                   *1965 (20 U.S.C. 1018a) is amended—*

9                   (A) *in subsection (e)—*

10                   (i) *by striking “COMMERCIAL ITEMS”*  
11                   *in the subsection heading and inserting*  
12                   *“COMMERCIAL PRODUCTS AND COMMER-*  
13                   *CIAL SERVICES”;*

14                   (ii) *by striking “that commercial*  
15                   *items” and inserting “that commercial*  
16                   *products or commercial services”;*

17                   (iii) *by striking “special rules for com-*  
18                   *mercial items” and inserting “special rules*  
19                   *for commercial products and commercial*  
20                   *services”;*

21                   (iv) *by striking “without regard to—”*  
22                   *and all that follows through “dollar limita-*  
23                   *tion” and inserting “without regard to any*  
24                   *dollar limitation”;*

1                   (v) by striking “; and” and inserting  
2                   a period; and

3                   (vi) by striking paragraph (2);  
4                   (B) in subsection (f)—

5                   (i) by striking “ITEMS” in the sub-  
6                   section heading and inserting “PRODUCTS  
7                   AND SERVICES”;

8                   (ii) by striking “ITEMS” in the head-  
9                   ing of paragraph (2) and inserting “PROD-  
10                  UCTS AND SERVICES”; and

11                  (iii) by striking “a commercial item”  
12                  in paragraph (2) and inserting “a commer-  
13                  cial product or a commercial service”;

14                  (C) in subsection (h)—

15                  (i) by striking “ITEMS” in the sub-  
16                  section heading and inserting “SERVICES”;  
17                  and

18                  (ii) by striking “commercial items” in  
19                  paragraph (1) and inserting “commercial  
20                  services”; and

21                  (D) in subsection (l)—

22                  (i) by redesignating paragraphs (2),  
23                  (3), (4), and (5) as paragraphs (3), (4), (5),  
24                  and (6), respectively;

1                   (ii) by striking paragraph (1) and in-  
2                   serting the following new paragraphs:

3                   “(1) *COMMERCIAL PRODUCT*.—The term ‘com-  
4                   mercial product’ has the meaning given the term in  
5                   section 103 of title 41, United States Code.

6                   “(2) *COMMERCIAL SERVICE*.—The term ‘commer-  
7                   cial service’ has the meaning given the term in section  
8                   103a of title 41, United States Code.”;

9                   (iii) in paragraph (3), as so redesign-  
10                  ated, by striking “in section” and all that  
11                  follows and inserting “in section 152 of title  
12                  41, United States Code.”;

13                  (iv) in paragraph (5), as so redesign-  
14                  ated—

15                  (I) by striking “*COMMERCIAL*  
16                  *ITEMS*” in the paragraph heading and  
17                  inserting “*COMMERCIAL PRODUCTS*  
18                  *AND COMMERCIAL SERVICES*”;

19                  (II) by striking “commercial  
20                  items” and inserting “commercial  
21                  products and commercial services”;  
22                  and

23                  (III) by striking “pursuant to”  
24                  and all that follows and inserting  
25                  “pursuant to sections 1901 and



1                   3305(a) of title 41, United States  
2                   Code.”; and

3                   (v) in paragraph (6), as so redesign-  
4                   ated, by striking “pursuant to” and all  
5                   that follows and inserting “pursuant to sec-  
6                   tions 1901(a)(1) and 3305(a)(1) of title 41,  
7                   United States Code.”.

8                   (3) Section 3901(a)(4)(A)(ii)(II) of title 31,  
9                   United States Code, is amended by striking “commer-  
10                  cial item” and inserting “commercial product”.

11                  (4) Section 2455(c)(1) of the Federal Acquisition  
12                  Streamlining Act of 1994 (31 U.S.C. 6101 note) is  
13                  amended by striking “commercial items” and insert-  
14                  ing “commercial products”.

15                  (5) Section 508(f) of the Federal Water Pollution  
16                  Control Act (33 U.S.C. 1368(f)) is amended—

17                         (A) in paragraph (1), by striking “commer-  
18                         cial items” and inserting “commercial products  
19                         or commercial services”; and

20                         (B) in paragraph (2), by striking “the  
21                         term” and all that follows and inserting “the  
22                         terms ‘commercial product’ and ‘commercial  
23                         service’ have the meanings given those terms in  
24                         sections 103 and 103a, respectively, of title 41,  
25                         United States Code.”.

1           (6) *Section 3707 of title 40, United States Code,*  
2           *is amended by striking “a commercial item (as de-*  
3           *defined in section 103 of title 41)” and inserting “a*  
4           *commercial product (as defined in section 103 of title*  
5           *41) or a commercial service (as defined in section*  
6           *103a of title 41)”.*

7           (7) *Subtitle III of title 40, United States Code,*  
8           *is amended—*

9                   (A) *in section 11101(1), by striking “COM-*  
10           *MERCIAL ITEM.—The term ‘commercial item’*  
11           *has” and inserting “COMMERCIAL PRODUCT.—*  
12           *The term ‘commercial product’ has”; and*

13                   (B) *in section 11314(a)(3), by striking*  
14           *“items” each place it appears and inserting*  
15           *“products”.*

16           (8) *Section 8301(g) of the Federal Acquisition*  
17           *Streamlining Act of 1994 (42 U.S.C. 7606 note) is*  
18           *amended by striking “commercial items” and insert-*  
19           *ing “commercial products or commercial services”.*

20           (9) *Section 40118(f) of title 49, United States*  
21           *Code, is amended—*

22                   (A) *in paragraph (1), by striking “commer-*  
23           *cial items” and inserting “commercial prod-*  
24           *ucts”; and*

1           (B) in paragraph (2), by striking “commer-  
2           cial item” and inserting “commercial product”.

3           (10) Chapter 501 of title 51, United States Code,  
4           is amended—

5           (A) in section 50113(c)—

6           (i) by striking “COMMERCIAL ITEM” in  
7           the subsection heading and inserting “COM-  
8           MERCIAL PRODUCT OR COMMERCIAL SERV-  
9           ICE”; and

10          (ii) by striking “commercial item” in  
11          the second sentence and inserting “commer-  
12          cial product or commercial service”; and

13          (B) in section 50115(b)—

14          (i) by striking “COMMERCIAL ITEM” in  
15          the subsection heading and inserting “COM-  
16          MERCIAL PRODUCT OR COMMERCIAL SERV-  
17          ICE”; and

18          (ii) by striking “commercial item” in  
19          the second sentence and inserting “commer-  
20          cial product or commercial service”; and

21          (C) in section 50132(a)—

22          (i) by striking “COMMERCIAL ITEM” in  
23          the subsection heading and inserting “COM-  
24          MERCIAL SERVICE”; and

1                   (ii) by striking “commercial item” in  
 2                   the second sentence and inserting “commer-  
 3                   cial service”.

4           (h) SAVINGS PROVISION.—Any provision of law that  
 5 on the day before the effective date of this section is on a  
 6 list of provisions of law included in the Federal Acquisition  
 7 Regulation pursuant to section 1907 of title 41, United  
 8 States Code, shall be deemed as of that effective date to be  
 9 on a list of provisions of law included in the Federal Acqui-  
 10 sition Regulation pursuant to section 1906 of such title.

11 **SEC. 832. DEFINITION OF SUBCONTRACT.**

12           (a) STANDARD DEFINITION IN TITLE 41, UNITED  
 13 STATES CODE.—

14                   (1) IN GENERAL.—Chapter 1 of title 41, United  
 15 States Code, is amended—

16                           (A) by redesignating sections 115 and 116  
 17                           as sections 116 and 117, respectively; and

18                           (B) by inserting after section 114 the fol-  
 19                           lowing new section 115:

20 **“§ 115. Subcontract**

21                   “(a) IN GENERAL.—In this subtitle, the term ‘sub-  
 22 contract’ means a contract entered into by a prime con-  
 23 tractor or subcontractor for the purpose of obtaining sup-  
 24 plies, materials, equipment, or services of any kind under  
 25 a prime contract. The term includes a transfer of a commer-

1 cial product or commercial service between divisions, sub-  
 2 sidiaries, or affiliates of a contractor or subcontractor.

3 “(b) *MATTERS NOT INCLUDED.*—In this subtitle, the  
 4 term ‘subcontract’ does not include—

5 “(1) a contract the costs of which are applied to  
 6 general and administrative expenses or indirect costs;  
 7 or

8 “(2) an agreement entered into by a contractor  
 9 or subcontractor for the supply of a commodity, a  
 10 commercial product, or a commercial service that is  
 11 intended for use in the performance of multiple con-  
 12 tracts.”.

13 (2) *CLERICAL AMENDMENT.*—The table of sec-  
 14 tions at the beginning of chapter 1 of title 41, United  
 15 States Code, is amended by striking the items relating  
 16 to sections 115 and 116 and inserting the following  
 17 new items:

“115. Subcontract.

“116. Supplies.

“117. Technical data.”.

18 (b) *CONFORMING AMENDMENTS TO TITLE 41, UNITED*  
 19 *STATES CODE.*—Title 41, United States Code, is further  
 20 amended as follows:

21 (1) Section 1502(b)(1) is amended—

22 (A) by striking subparagraph (A);

1           (B) by redesignating subparagraphs (B)  
 2           and (C) as subparagraphs (A) and (B), respec-  
 3           tively; and

4           (C) in subparagraph (B), as so redesign-  
 5           ated, by striking “Subparagraph (B)” and in-  
 6           serting “Subparagraph (A)”.

7           (2) Section 1906 is amended—

8           (A) in subsection (c)—

9           (i) by striking paragraph (1);

10           (ii) by redesignating paragraphs (2),  
 11           (3), and (4) as paragraphs (1), (2), and (3),  
 12           respectively;

13           (iii) in paragraph (1), as so redesign-  
 14           ated, by striking “paragraph (3)” and in-  
 15           serting “paragraph (2)”; and

16           (iv) in paragraph (2), as so redesign-  
 17           ated, by striking “paragraph (2)” and in-  
 18           serting “paragraph (1)”; and

19           (B) in subsection (e), by striking “(c)(3)”  
 20           both places it appears and inserting “(c)(2)”.

21           (3) Section 3307(e)(2) is amended—

22           (A) by striking subparagraph (A);

23           (B) by redesignating subparagraphs (B),  
 24           (C), (D), and (E) as subparagraphs (A), (B),  
 25           (C), and (D), respectively;

1                   (C) in subparagraph (C), as so redesign-  
2                   nated—

3                   (i) by striking “subparagraph (B)”  
4                   and inserting “subparagraph (A)”; and

5                   (ii) by striking “subparagraph (C)”  
6                   and inserting “subparagraph (B)”; and

7                   (D) in subparagraph (D), as so redesign-  
8                   nated, by striking “subparagraph (B)” and in-  
9                   serting “subparagraph (A)”.

10                  (4) Section 3501(a) is amended by striking  
11                  paragraph (3).

12                  (c) INCORPORATION OF TITLE 41 DEFINITION IN  
13 CHAPTERS 137 AND 140 OF TITLE 10, UNITED STATES  
14 CODE.—

15                  (1) DEFINITIONS FOR PURPOSES OF CHAPTER  
16 137.—Section 2302(3) of title 10, United States Code,  
17 is amended by adding at the end the following new  
18 subparagraph:

19                         “(N) The term ‘subcontract’.”.

20                  (2) DEFINITIONS FOR PURPOSES OF CHAPTER  
21 140.—

22                         (A) Section 2375(c) of title 10, United  
23 States Code, is amended—

24                         (i) by striking paragraph (3); and

1                   (ii) by redesignating paragraph (4) as  
2                   paragraph (3).

3                   (B) Section 2376(1) of such title is amended  
4                   by striking “and ‘commercial component’ have”  
5                   and inserting “‘commercial component’, and  
6                   ‘subcontract’ have”.

7   **SEC. 833. LIMITATION ON APPLICABILITY TO DEPARTMENT**  
8                   **OF DEFENSE COMMERCIAL CONTRACTS OF**  
9                   **CERTAIN PROVISIONS OF LAW AND CERTAIN**  
10                  **EXECUTIVE ORDERS AND REGULATIONS.**

11               (a) *INAPPLICABILITY OF CERTAIN PROVISIONS OF*  
12               *LAW.—*

13                   (1) *SECTION 2375.—Section 2375 of title 10,*  
14                   *United States Code, is amended—*

15                           (A) in subsection (b)(2), by striking “Janu-  
16                           ary 1, 2015” and inserting “October 13, 1994”;  
17                           and

18                           (B) in subsections (b)(2), (c)(2), and (d)(2),  
19                           by striking “unless the” and all that follows and  
20                           inserting a period.

21                   (2) *SECTION 2533A.—Section 2533a(i) of such*  
22                   *title is amended—*

23                           (A) in the subsection heading, by striking  
24                           “ITEMS” and inserting “PRODUCTS”; and



3 (3) *SECTION 2533B.—Section 2533b(h) of such*  
4 *title is amended—*

5 (A) the subsection heading, by striking  
6 “ITEMS” and inserting “PRODUCTS”; and

7 (B) by striking “commercial items” each  
8 place it appears and inserting “commercial  
9 products”.

(b) *INAPPLICABILITY OF CERTAIN EXECUTIVE ORDERS AND REGULATIONS.*—Chapter 140 of title 10, United States Code, is amended by inserting after section 2375 the following new section:

14 ***“§2375a. Applicability of certain Executive orders***  
15 ***and regulations***

16           “(a) *EXECUTIVE ORDERS.*—

17 “(1) *COMMERCIAL CONTRACTS.*—No Department  
18 of Defense commercial contract shall be subject to an  
19 Executive order issued after the date of the enactment  
20 of this section unless the Executive order specifically  
21 provides that it is applicable to contracts for the pro-  
22 curement of commercial products and commercial  
23 services by the Department of Defense.

24 “(2) *SUBCONTRACTS UNDER COMMERCIAL CON-*  
25 *TRACTS.—No subcontract under a Department of De-*

1     *fense commercial contract shall be subject to an Exec-*  
2     *utive order issued after the date of the enactment of*  
3     *this section unless the Executive order specifically*  
4     *provides that it is applicable to subcontracts under*  
5     *Department of Defense contracts for the procurement*  
6     *of commercial products and commercial services.*

7     “(b) *REGULATIONS AND POLICIES.*—

8             “(1) *COMMERCIAL CONTRACTS.*—No Department  
9     *of Defense commercial contract shall be subject to any*  
10    *Department of Defense regulation or policy prescribed*  
11    *after the date of the enactment of this section unless*  
12    *the regulation or policy specifically provides that it*  
13    *is applicable to contracts for the procurement of com-*  
14    *mercial products and commercial services by the De-*  
15    *partment of Defense.*

16            “(2) *SUBCONTRACTS UNDER COMMERCIAL CON-*  
17    *TRACTS.*—No subcontract under a Department of De-  
18    *fense commercial contract shall be subject to any De-*  
19    *partment of Defense regulation or order prescribed*  
20    *after the date of the enactment of this section unless*  
21    *the regulation or policy specifically provides that it*  
22    *is applicable to subcontracts under Department of De-*  
23    *fense contracts for the procurement of commercial*  
24    *products and commercial services.*

1       “(c) *DEPARTMENT OF DEFENSE COMMERCIAL CON-*  
 2 *TRACTS.—In this section, the term ‘Department of Defense*  
 3 *commercial contract’ means a contract for the procurement*  
 4 *of a commercial product or commercial service entered into*  
 5 *by the Secretary of Defense.’”.*

6       (c) *CLERICAL AMENDMENT.—The table of sections at*  
 7 *the beginning of such chapter is amended by inserting after*  
 8 *the item relating to section 2375 the following new item:*  
       *“2375a. Applicability of certain Executive orders and regulations.”.*

9       **SEC. 834. MODIFICATIONS TO PROCUREMENT THROUGH**  
 10                   **COMMERCIAL E-COMMERCE PORTALS.**

11       *Section 846 of the National Defense Authorization Act*  
 12 *for Fiscal Year 2018 (Public Law 115–91; 41 U.S.C. 1901*  
 13 *note) is amended—*

14               (1) *in subsection (f), by adding at the end the*  
 15 *following new paragraph:*

16               “(5) *A procurement of a product made through*  
 17 *a commercial e-commerce portal under the program*  
 18 *established pursuant to subsection (a) is deemed to*  
 19 *satisfy requirements for full and open competition*  
 20 *pursuant to section 2304 of title 10, United States*  
 21 *Code, and section 3301 of title 41, United States*  
 22 *Code, if—*

23               “(A) *there are offers from two or more sup-*  
 24 *pliers of such a product or similar product with*  
 25 *substantially the same physical, functional, or*

1           *performance characteristics on the online mar-*  
 2           *ketplace; and*

3           *“(B) the Administrator establishes proce-*  
 4           *dures to implement subparagraph (A) and noti-*  
 5           *fies Congress at least 30 days before imple-*  
 6           *menting such procedures.”.*

7           *(2) by redesignating subsections (j) and (k) as*  
 8           *subsections (k) and (l), respectively; and*

9           *(3) by inserting after subsection (i) the following*  
 10          *new subsection:*

11          *“(j)     MICRO-PURCHASE     THRESHOLD.—Notwith-*  
 12          *standing section 2338 of title 10, United States Code, and*  
 13          *section 1902 of title 41, United States Code, the micro-pur-*  
 14          *chase threshold for a procurement of a product through a*  
 15          *commercial e-commerce portal used under the program es-*  
 16          *tablished under subsection (a) is \$25,000.”.*

17          ***Subtitle D—Industrial Base Matters***

18          ***SEC. 841. REQUIREMENT THAT CERTAIN SHIP COMPO-***  
 19                               ***NENTS BE MANUFACTURED IN THE NA-***  
 20                               ***TIONAL TECHNOLOGY AND INDUSTRIAL***  
 21                               ***BASE.***

22          *(a) ADDITIONAL PROCUREMENT LIMITATION.—Section*  
 23          *2534(a) of title 10, United States Code, is amended by add-*  
 24          *ing at the end the following new paragraph:*

1           “(6) *COMPONENTS FOR AUXILIARY SHIPS.*—Sub-  
2           *ject to subsection (k), the following components:*

3                   “(A) *Auxiliary equipment, including*  
4                   *pumps, for all shipboard services.*

5                   “(B) *Propulsion system components, includ-*  
6                   *ing engines, reduction gears, and propellers.*

7                   “(C) *Shipboard cranes.*

8                   “(D) *Spreaders for shipboard cranes.*”.

9           (b) *IMPLEMENTATION.*—Such section is further amend-  
10   *ed by adding at the end the following new subsection:*

11           “(k) *IMPLEMENTATION OF AUXILIARY SHIP COMPO-*  
12   *NENT LIMITATION.*—Subsection (a)(6) applies only with re-  
13   *spect to contracts awarded by the Secretary of a military*  
14   *department for new construction of an auxiliary ship after*  
15   *the date of the enactment of the National Defense Authoriza-*  
16   *tion Act for Fiscal Year 2019 using funds available for Na-*  
17   *tional Defense Sealift Fund programs or Shipbuilding and*  
18   *Conversion, Navy. For purposes of this subsection, the term*  
19   *‘auxiliary ship’ does not include an icebreaker.*”.

20   **SEC. 842. REPORT ON DOMESTIC SOURCING OF SPECIFIC**  
21           **COMPONENTS FOR ALL NAVAL VESSELS.**

22           *Not later than March 1, 2019, the Secretary of the*  
23   *Navy shall submit to the congressional defense committees*  
24   *a report that provides a market survey and cost assessment*

1 *associated with limiting competition to domestic sources*  
2 *for—*

3 *(1) naval vessel components listed in section*  
4 *2534(a)(3) of title 10, United States Code;*

5 *(2) expanding such list to include all ships au-*  
6 *thorized using funds available for Shipbuilding and*  
7 *Conversion, Navy and Other Procurement, Navy; and*

8 *(3) expanding such list to include waterjet ma-*  
9 *rine propulsion systems, azimuth thrusters, and bow*  
10 *thrusters for all ships authorized using funds avail-*  
11 *able for Shipbuilding and Conversion, Navy and*  
12 *Other Procurement, Navy.*

13 **SEC. 843. REMOVAL OF NATIONAL INTEREST DETERMINA-**  
14 **TION REQUIREMENTS FOR CERTAIN ENTI-**  
15 **TIES.**

16 *(a) IN GENERAL.—Effective October 1, 2020, a covered*  
17 *NTIB entity operating under a special security agreement*  
18 *pursuant to the National Industrial Security Program shall*  
19 *not be required to obtain a national interest determination*  
20 *as a condition for access to proscribed information.*

21 *(b) ACCELERATION AUTHORIZED.—Notwithstanding*  
22 *the effective date of this section, the Secretary of Defense,*  
23 *in consultation with the Director of the Information Secu-*  
24 *rity Oversight Office, may waive the requirement to obtain*  
25 *a national interest determination for a covered NTIB entity*

1 *operating under such a special security agreement that*  
2 *has—*

3           (1) *a demonstrated successful record of compli-*  
4           *ance with the National Industrial Security Program;*  
5           *and*

6           (2) *previously been approved for access to pro-*  
7           *scribed information.*

8           (c) *DEFINITIONS.—In this section:*

9           (1) *COVERED NTIB ENTITY.—The term “covered*  
10          *NTIB entity” means a person that is a subsidiary lo-*  
11          *cated in the United States—*

12                (A) *for which the ultimate parent company*  
13                *and any intermediate parent companies of such*  
14                *subsidiary are located in a country that is part*  
15                *of the national technology and industrial base*  
16                *(as defined in section 2500 of title 10, United*  
17                *States Code); and*

18                (B) *that is subject to the foreign ownership,*  
19                *control, or influence requirements of the National*  
20                *Industrial Security Program.*

21           (2) *PROSCRIBED INFORMATION.—The term “pro-*  
22          *scribed information” means information that is—*

23                (A) *classified at the level of top secret;*

1                   (B) *communications security information*  
 2                   *(excluding controlled cryptographic items when*  
 3                   *un-keyed or utilized with unclassified keys);*

4                   (C) *restricted data (as defined in section 11*  
 5                   *of the Atomic Energy Act of 1954 (42 U.S.C.*  
 6                   *2014));*

7                   (D) *special access program information*  
 8                   *under section 4.3 of Executive Order No. 13526*  
 9                   *(75 Fed. Reg. 707; 50 U.S.C. 3161 note) or suc-*  
 10                   *cessor order; or*

11                   (E) *designated as sensitive compartmented*  
 12                   *information.*

13 **SEC. 844. PILOT PROGRAM TO TEST MACHINE-VISION TECH-**  
 14 **NOLOGIES TO DETERMINE THE AUTHEN-**  
 15 **TICITY AND SECURITY OF MICROELECTRONIC**  
 16 **PARTS IN WEAPON SYSTEMS.**

17           (a) *PILOT PROGRAM AUTHORIZED.—The Undersecre-*  
 18 *tary of Defense for Research and Engineering, in coordina-*  
 19 *tion with the Defense Microelectronics Activity, shall estab-*  
 20 *lish a pilot program to test the feasibility and reliability*  
 21 *of using machine-vision technologies to determine the au-*  
 22 *thenticity and security of microelectronic parts in weapon*  
 23 *systems.*

24           (b) *OBJECTIVES OF PILOT PROGRAM.—The Undersec-*  
 25 *retary of Defense for Research and Engineering, in coordi-*



1 *nation with the Defense Microelectronics Activity, shall de-*  
2 *sign any pilot program conducted under this section to de-*  
3 *termine the following:*

4           (1) *The effectiveness and technology readiness*  
5 *level of machine-vision technologies to determine the*  
6 *authenticity of microelectronic parts at the time of*  
7 *the creation of such part through final insertion of*  
8 *such part into weapon systems.*

9           (2) *The best method of incorporating machine-vi-*  
10 *sion technologies into the process of developing, trans-*  
11 *porting, and inserting microelectronics into weapon*  
12 *systems.*

13           (3) *The rules, regulations, or processes that*  
14 *hinder the development and incorporation of ma-*  
15 *chine-vision technologies, and the application of such*  
16 *rules, regulations, or processes to mitigate counterfeit*  
17 *microelectronics proliferation throughout the Depart-*  
18 *ment of Defense.*

19       (c) *CONSULTATION.—To develop the pilot program*  
20 *under this section, the Undersecretary of Defense for Re-*  
21 *search and Engineering, in coordination with the Defense*  
22 *Microelectronics Activity, may consult with the following*  
23 *entities:*

24           (1) *Manufacturers of semiconductors or elec-*  
25 *tronics.*

1           (2) *Industry associations relating to semiconduc-*  
2           *tors or electronics.*

3           (3) *Original equipment manufacturers of prod-*  
4           *ucts for the Department of Defense.*

5           (4) *Nontraditional defense contractors (as de-*  
6           *finied in section 2302(9) of title 10, United States*  
7           *Code) that are machine vision companies.*

8           (5) *Federal laboratories (as defined in section*  
9           *2500(5) of title 10, United States Code).*

10          (6) *Other elements of the Department of Defense*  
11          *that fall under the authority of the Undersecretary of*  
12          *Defense for Research and Engineering.*

13          (d) *COMMENCEMENT AND DURATION.—The pilot pro-*  
14          *gram established under this section shall be established not*  
15          *later than April 1, 2019, and all activities under such pilot*  
16          *program shall terminate not later than December 31, 2020.*

17       ***Subtitle E—Small Business Matters***

18       ***SEC. 851. DEPARTMENT OF DEFENSE SMALL BUSINESS***

19               ***STRATEGY.***

20          (a) *IN GENERAL.—Chapter 136 of title 10, United*  
21          *States Code, is amended by adding at the end the following*  
22          *new section:*

1   **“§ 2283. Department of Defense small business strat-**  
2                               **egy**

3           “(a) *IN GENERAL.*—*The Secretary of Defense shall im-*  
4   *plement a small business strategy for the Department of De-*  
5   *fense that meets the requirements of this section.*

6           “(b) *UNIFIED MANAGEMENT STRUCTURE.*—*As part of*  
7   *the small business strategy described in subsection (a), the*  
8   *Secretary shall ensure that there is a unified management*  
9   *structure within the Department for the functions of the De-*  
10   *partment relating to—*

11               “(1) *programs and activities related to small*  
12    *business concerns (as defined in section 3 of the Small*  
13    *Business Act);*

14               “(2) *manufacturing and industrial base policy;*  
15    *and*

16               “(3) *any procurement technical assistance pro-*  
17    *gram established under chapter 142 of this title.*

18           “(c) *PURPOSE OF SMALL BUSINESS PROGRAMS.*—*The*  
19   *Secretary shall ensure that programs and activities of the*  
20   *Department of Defense related to small business concerns*  
21   *are carried out so as to further national defense programs*  
22   *and priorities and the statements of purpose for Depart-*  
23   *ment of Defense acquisition set forth in section 801 of the*  
24   *National Defense Authorization Act for Fiscal Year 2018*  
25   *(Public Law 115–91; 131 Stat. 1449).*

1       “(d) *POINTS OF ENTRY INTO DEFENSE MARKET.*—The  
2   *Secretary shall ensure—*

3               “(1) *that opportunities for small business con-*  
4       *cerns to contract with the Department of Defense are*  
5       *identified clearly; and*

6               “(2) *that small business concerns are able to*  
7       *have access to program managers, contracting officers,*  
8       *and other persons using the products or services of*  
9       *such concern to the extent necessary to inform such*  
10       *persons of emerging and existing capabilities of such*  
11       *concerns.*

12       “(e) *ENHANCED OUTREACH UNDER PROCUREMENT*  
13   *TECHNICAL ASSISTANCE PROGRAM MARKET.*—The Sec-  
14   *retary shall enable and promote activities to provide coordi-*  
15   *nated outreach to small business concerns through any pro-*  
16   *curement technical assistance program established under*  
17   *chapter 142 of this title to facilitate small business con-*  
18   *tracting with the Department of Defense.”.*

19       (b) *IMPLEMENTATION.*—

20               (1) *DEADLINE.*—The Secretary of Defense shall  
21       *develop the small business strategy required by section*  
22       *2283 of title 10, United States Code, as added by sub-*  
23       *section (a), not later than 180 days after the date of*  
24       *the enactment of this Act.*

1           (2) *NOTICE TO CONGRESS AND PUBLICATION.*—

2           *Upon completion of the development of the small busi-*  
 3           *ness strategy pursuant to paragraph (1), the Sec-*  
 4           *retary shall—*

5                     (A) *transmit the strategy to Congress; and*

6                     (B) *publish the strategy on a public website*  
 7                     *of the Department of Defense.*

8           (c) *CLERICAL AMENDMENT.*—*The table of sections at*  
 9           *the beginning of such chapter is amended by adding at the*  
 10           *end the following new item:*

          “2283. Department of Defense small business strategy.”.

11   **SEC. 852. PROMPT PAYMENTS OF SMALL BUSINESS CON-**  
 12                     **TRACTORS.**

13           *Section 2307(a) of title 10, United States Code, is*  
 14           *amended—*

15                     (1) *by redesignating paragraphs (1) and (2) as*  
 16                     *subparagraphs (A) and (B), respectively;*

17                     (2) *by striking “The head of any agency may—*  
 18                     *” and inserting “(1) The head of any agency may”;*  
 19                     *and*

20                     (3) *by adding at the end the following new para-*  
 21                     *graph:*

22                     “(2)(A) *For a prime contractor (as defined in section*  
 23                     *8701 of title 41) that is a small business concern (as defined*  
 24                     *in section 3 of the Small Business Act (15 U.S.C. 632)),*  
 25                     *the head of an agency shall, to the fullest extent permitted*

1 *by law, establish an accelerated payment date with a goal*  
 2 *of 15 days after receipt of a proper invoice for the amount*  
 3 *due if a specific payment date is not established by contract.*

4 “(B) *For a prime contractor that subcontracts with*  
 5 *a small business concern, the head of an agency shall, to*  
 6 *the fullest extent permitted by law, establish an accelerated*  
 7 *payment date with a goal of 15 days after receipt of a prop-*  
 8 *er invoice for the amount due if—*

9 “(i) *a specific payment date is not established by*  
 10 *contract; and*

11 “(ii) *the prime contractor agrees to make pay-*  
 12 *ments to the subcontractor in accordance with the ac-*  
 13 *celerated payment date, to the maximum extent prac-*  
 14 *ticable, without any further consideration from or fees*  
 15 *charged to the subcontractor.”.*

16 **SEC. 853. INCREASED PARTICIPATION IN THE SMALL BUSI-**  
 17 **NESS ADMINISTRATION MICROLOAN PRO-**  
 18 **GRAM.**

19 (a) *DEFINITIONS.—In this section—*

20 (1) *the term “intermediary” has the meaning*  
 21 *given that term in section 7(m)(11) of the Small*  
 22 *Business Act (15 U.S.C. 636(m)(11)); and*

23 (2) *the term “microloan program” means the*  
 24 *program established under section 7(m) of the Small*  
 25 *Business Act (15 U.S.C. 636(m)).*

1       (b) *MICROLOAN INTERMEDIARY LENDING LIMIT IN-*  
 2 *CREASED.*—Section 7(m)(3)(C) of the Small Business Act  
 3 (15 U.S.C. 636(m)(3)(C)) is amended by striking  
 4 “\$5,000,000” and inserting “\$6,000,000”.

5       (c) *MICROLOAN TECHNICAL ASSISTANCE.*—Section  
 6 7(m)(4)(E) of the Small Business Act (15 U.S.C.  
 7 636(m)(4)(E)) is amended by striking “25 percent” each  
 8 place such term appears and inserting “50 percent”.

9       (d) *SBA STUDY OF MICROENTERPRISE PARTICIPA-*  
 10 *TION.*—Not later than 1 year after the date of enactment  
 11 of this section, the Administrator of the Small Business Ad-  
 12 ministration shall conduct a study and submit to the Com-  
 13 mittee on Small Business and Entrepreneurship of the Sen-  
 14 ate and the Committee on Small Business of the House of  
 15 Representatives a report on—

16               (1) the operations (including services provided,  
 17 structure, size, and area of operation) of a representa-  
 18 tive sample of—

19                       (A) intermediaries that are eligible to par-  
 20 ticipate in the microloan program and that do  
 21 participate; and

22                       (B) intermediaries that are eligible to par-  
 23 ticipate in the microloan program and that do  
 24 not participate;

1           (2) *the reasons why eligible intermediaries de-*  
2           *scribed in paragraph (1)(B) choose not to participate*  
3           *in the microloan program;*

4           (3) *recommendations on how to encourage in-*  
5           *creased participation in the microloan program by el-*  
6           *igible intermediaries described in paragraph (1)(B);*  
7           *and*

8           (4) *recommendations on how to decrease the costs*  
9           *associated with participation in the microloan pro-*  
10          *gram for eligible intermediaries.*

11          (e) *GAO STUDY ON MICROLOAN INTERMEDIARY PRAC-*  
12          *TICES.—Not later than 1 year after the date of enactment*  
13          *of this section, the Comptroller General of the United States*  
14          *shall submit to the Committee on Small Business and En-*  
15          *trepreneurship of the Senate and the Committee on Small*  
16          *Business of the House of Representatives a report evalu-*  
17          *ating—*

18               (1) *oversight of the microloan program by the*  
19               *Small Business Administration, including oversight*  
20               *of intermediaries participating in the microloan pro-*  
21               *gram; and*

22               (2) *the specific processes used by the Small Busi-*  
23               *ness Administration to ensure—*

24                       (A) *compliance by intermediaries partici-*  
25                       *pating in the microloan program; and*



1                   (B) the overall performance of the  
2                   microloan program.

3 **SEC. 854. AMENDMENTS TO SMALL BUSINESS INNOVATION**  
4 **RESEARCH PROGRAM AND SMALL BUSINESS**  
5 **TECHNOLOGY TRANSFER PROGRAM.**

6           (a) *USE OF SBIR OR STTR FUNDING FOR ADMINIS-*  
7 *TRATIVE COSTS.*—Section 9 of the Small Business Act (15  
8 *U.S.C. 638)* is amended—

9                   (1) in subsection (f)—

10                   (A) in paragraph (2), by striking “shall  
11                   not” and all that follows through “make avail-  
12                   able” and inserting “shall not make available”;  
13                   and

14                   (B) by adding at the end the following new  
15                   paragraph:

16                   “(5) *ADMINISTRATIVE COSTS.*—A Federal agency  
17                   may use up to 3 percent of its SBIR budget estab-  
18                   lished pursuant to paragraph (1) for the purpose of  
19                   funding administrative costs of the program.”; and

20                   (2) in subsection (n)—

21                   (A) in paragraph (2), by striking “shall  
22                   not” and all that follows through “make avail-  
23                   able” and inserting “shall not make available”;  
24                   and

1                   (B) by adding at the end the following new  
2                   paragraph:

3                   “(4) *ADMINISTRATIVE COSTS.*—A Federal agency  
4                   may use up to 3 percent of its SBIR budget estab-  
5                   lished pursuant to paragraph (1) for the purpose of  
6                   funding administrative costs of the program.”.

7                   (b) *EXPANSION OF PHASE FLEXIBILITY.*—Section  
8                   9(cc) of such Act (15 U.S.C. 638(cc)) is amended by striking  
9                   “During fiscal years” and all that follows through “may  
10                  each provide” and inserting “During fiscal years 2018  
11                  through 2022, all agencies participating in the SBIR pro-  
12                  gram may provide”.

13                  **SEC. 855. CONSTRUCTION CONTRACT ADMINISTRATION.**

14                  Section 15 of the Small Business Act (15 U.S.C. 644)  
15                  is amended by adding at the end the following new sub-  
16                  section:

17                  “(w) *SOLICITATION NOTICE REGARDING ADMINISTRA-*  
18                  *TION OF CHANGE ORDERS FOR CONSTRUCTION.*—

19                  “(1) *IN GENERAL.*—With respect to any solicita-  
20                  tion for the award of a contract for construction an-  
21                  ticipated to be awarded to a small business concern,  
22                  the agency administering such contract shall provide  
23                  a notice along with the solicitation to prospective bid-  
24                  ders and offerors that includes—

1           “(A) information about the agency’s policies  
2           or practices in complying with the requirements  
3           of the Federal Acquisition Regulation relating to  
4           the timely definitization of requests for an equi-  
5           table adjustment; and

6           “(B) information about the agency’s past  
7           performance in definitizing requests for equitable  
8           adjustments in accordance with paragraph (2).

9           “(2) REQUIREMENTS FOR AGENCIES.—An agen-  
10          cy shall provide the past performance information de-  
11          scribed under paragraph (1)(B) as follows:

12           “(A) For the 3-year period preceding the  
13           issuance of the notice, to the extent such informa-  
14           tion is available.

15           “(B) With respect to an agency that, on the  
16           date of the enactment of this subsection, has not  
17           compiled the information described under para-  
18           graph (1)(B)—

19           “(i) beginning 1 year after the date of  
20           the enactment of this subsection, for the 1-  
21           year period preceding the issuance of the  
22           notice;

23           “(ii) beginning 2 years after the date  
24           of the enactment of this subsection, for the

1           2-year period preceding the issuance of the  
2           notice; and

3           “(iii) beginning 3 years after the date  
4           of the enactment of this subsection and each  
5           year thereafter, for the 3-year period pre-  
6           ceding the issuance of the notice.

7           “(3) *FORMAT OF PAST PERFORMANCE INFORMA-*  
8           *TION.*—In the notice required under paragraph (1),  
9           the agency shall ensure that the past performance in-  
10          formation described under paragraph (1)(B) is set  
11          forth separately for each definitization action that  
12          was completed during the following periods:

13               “(A) Not more than 30 days after receipt of  
14               a request for an equitable adjustment.

15               “(B) Not more than 60 days after receipt of  
16               a request for an equitable adjustment.

17               “(C) Not more than 90 days after receipt of  
18               a request for an equitable adjustment.

19               “(D) Not more than 180 days after receipt  
20               of a request for an equitable adjustment.

21               “(E) More than 365 days after receipt of a  
22               request for an equitable adjustment.

23               “(F) After the completion of the perform-  
24               ance of the contract through a contract modifica-  
25               tion addressing all undefinitized requests for an

1           *equitable adjustment received during the term of*  
 2           *the contract.”.*

3   **SEC. 856. BROADBAND AND EMERGING INFORMATION**  
 4           **TECHNOLOGY COORDINATOR.**

5           *(a) IN GENERAL.—The Small Business Act (15 U.S.C.*  
 6   *631 et seq.) is amended—*

7                 *(1) by redesignating section 47 as section 48;*  
 8           *and*

9                 *(2) by inserting after section 46 the following:*

10   **“SEC. 47. BROADBAND AND EMERGING INFORMATION**  
 11           **TECHNOLOGY.**

12           *“(a) DEFINITIONS.—In this section—*

13                 *“(1) the term ‘OII Associate Administrator’*  
 14           *means the Associate Administrator for the Office of*  
 15           *Investment and Innovation; and*

16                 *“(2) the term ‘broadband and emerging informa-*  
 17           *tion technology coordinator’ means the employee des-*  
 18           *ignated to carry out the broadband and emerging in-*  
 19           *formation technology coordination responsibilities of*  
 20           *the Administration under subsection (b)(1).*

21           *“(b) ASSIGNMENT OF COORDINATOR.—*

22                 *“(1) ASSIGNMENT OF COORDINATOR.—The OII*  
 23           *Associate Administrator shall designate a senior em-*  
 24           *ployee of the Office of Investment and Innovation to*

1       *serve as the broadband and emerging information*  
2       *technology coordinator, who—*

3               *“(A) shall report to the OII Associate Ad-*  
4       *ministrator;*

5               *“(B) shall work in coordination with—*

6                       *“(i) the chief information officer, the*  
7                       *chief technology officer, and the head of the*  
8                       *Office of Technology of the Administration;*  
9                       *and*

10                      *“(ii) any other Associate Adminis-*  
11                      *trator of the Administration determined ap-*  
12                      *propriate by the OII Associate Adminis-*  
13                      *trator;*

14               *“(C) has experience developing and imple-*  
15       *menting telecommunications policy in the pri-*  
16       *vate sector or government; and*

17               *“(D) has demonstrated significant experi-*  
18       *ence in the area of broadband or emerging infor-*  
19       *mation technology.*

20               *“(2) RESPONSIBILITIES OF COORDINATOR.—The*  
21       *broadband and emerging information technology coor-*  
22       *dinator shall—*

23               *“(A) coordinate programs of the Adminis-*  
24       *tration that assist small business concerns in*  
25       *adopting, making innovations in, and using*

1           *broadband and other emerging information tech-*  
2           *nologies;*

3           “(B) *serve as the primary liaison of the Ad-*  
4           *ministration to other Federal agencies involved*  
5           *in broadband and emerging information tech-*  
6           *nology policy, including the Department of Com-*  
7           *merce, the Department of Agriculture, and the*  
8           *Federal Communications Commission;*

9           “(C) *identify best practices relating to*  
10          *broadband and emerging information technology*  
11          *that may benefit small business concerns; and*

12          “(D) *identify and catalog tools and train-*  
13          *ing available through the resource partners of the*  
14          *Administration that assist small business con-*  
15          *cerns in adopting, making innovations in, and*  
16          *using broadband and emerging technologies.*

17          “(3) *TRAVEL.—Not more than 20 percent of the*  
18          *hours of service by the broadband and emerging infor-*  
19          *mation technology coordinator during any fiscal year*  
20          *shall consist of travel outside the United States to*  
21          *perform official duties.*

22          “(c) *BROADBAND AND EMERGING TECHNOLOGY*  
23          *TRAINING.—*

1           “(1) *TRAINING.*—*The OII Associate Adminis-*  
2           *trator shall provide to employees of the Administra-*  
3           *tion training that—*

4                   “(A) *familiarizes employees of the Adminis-*  
5                   *tration with broadband and other emerging in-*  
6                   *formation technologies;*

7                   “(B) *includes—*

8                           “(i) *instruction on counseling small*  
9                           *business concerns regarding adopting, mak-*  
10                           *ing innovations in, and using broadband*  
11                           *and other emerging information tech-*  
12                           *nologies; and*

13                           “(ii) *information on programs of the*  
14                           *Federal Government that provide assistance*  
15                           *to small business concerns relating to*  
16                           *broadband and emerging information tech-*  
17                           *nologies; and*

18                   “(C) *to maximum extent practicable, uses*  
19                   *the tools and training cataloged and identified*  
20                   *under subsection (b)(2)(D).*

21           “(2) *FUNDING.*—*The Administrator shall use*  
22           *funds made available to the Office of Investment and*  
23           *Innovation to carry out this subsection.*

24           “(d) *REPORTS.*—



1           “(1) *BIENNIAL REPORT ON ACTIVITIES.*—Not  
2           *later than 2 years after the date on which the OII As-*  
3           *sociate Administrator makes the first designation of*  
4           *an employee under subsection (b), and every 2 years*  
5           *thereafter, the broadband and emerging information*  
6           *technology coordinator shall submit to the Committee*  
7           *on Small Business and Entrepreneurship of the Sen-*  
8           *ate and the Committee on Small Business of the*  
9           *House of Representatives a report regarding the pro-*  
10          *grams and activities of the Administration relating to*  
11          *broadband and other emerging information tech-*  
12          *nologies.*

13           “(2) *IMPACT OF BROADBAND SPEED AND PRICE*  
14          *ON SMALL BUSINESSES.*—

15           “(A) *IN GENERAL.*—Subject to appropria-  
16          *tions, the Chief Counsel for Advocacy shall con-*  
17          *duct a study evaluating the impact of broadband*  
18          *speed and price on small business concerns.*

19           “(B) *REPORT.*—Not later than 3 years after  
20          *the date of enactment of the Small Business*  
21          *Broadband and Emerging Information Tech-*  
22          *nology Enhancement Act of 2017, the Chief*  
23          *Counsel for Advocacy shall submit to the Com-*  
24          *mittee on Commerce, Science, and Transpor-*  
25          *tation and the Committee on Small Business*

1           *and Entrepreneurship of the Senate and the*  
2           *Committee on Energy and Commerce and the*  
3           *Committee on Small Business of the House of*  
4           *Representatives a report on the results of the*  
5           *study under subparagraph (A), including—*

6                     “(i) a survey of broadband speeds  
7                     available to small business concerns;

8                     “(ii) a survey of the cost of broadband  
9                     speeds available to small business concerns;

10                    “(iii) a survey of the type of  
11                    broadband technology used by small busi-  
12                    ness concerns; and

13                    “(iv) any policy recommendations that  
14                    may improve the access of small business  
15                    concerns to comparable broadband services  
16                    at comparable rates in all regions of the  
17                    United States.”.

18           (b) *ENTREPRENEURIAL DEVELOPMENT.*—Section  
19           21(c)(3)(B) of the Small Business Act (15 U.S.C.  
20           648(c)(3)(B)) is amended—

21                   (1) in the matter preceding clause (i), by insert-  
22                   ing “accessing broadband and other emerging infor-  
23                   mation technology,” after “technology transfer,”;

24                   (2) in clause (ii), by striking “and” at the end;

1           (3) in clause (iii), by adding “and” at the end;

2           and

3           (4) by adding at the end the following:

4                   “(iv) increasing the competitiveness and  
5                   productivity of small business concerns by assist-  
6                   ing owners of such concerns in accessing  
7                   broadband and other emerging information tech-  
8                   nology;”.

9   **SEC. 857. AMENDMENTS TO THE SMALL BUSINESS INVEST-**  
10                   **MENT ACT OF 1958.**

11           (a) *INVESTMENT IN SMALL BUSINESS INVESTMENT*  
12   *COMPANIES.*—Section 302(b) of the Small Business Invest-  
13   *ment Act of 1958 (15 U.S.C. 682(b)) is amended—*

14                   (1) in paragraph (1), by inserting before the pe-  
15                   riod the following: “or, subject to the approval of the  
16                   appropriate Federal banking agency, 15 percent of  
17                   such capital and surplus”;

18                   (2) in paragraph (2), by inserting before the pe-  
19                   riod the following: “or, subject to the approval of the  
20                   appropriate Federal banking agency, 15 percent of  
21                   such capital and surplus”; and

22                   (3) by adding at the end the following:

23                   “(3) *APPROPRIATE FEDERAL BANKING AGENCY*  
24   *DEFINED.*—For purposes of this subsection, the term  
25   ‘appropriate Federal banking agency’ has the mean-

1        *ing given that term under section 3 of the Federal De-*  
 2        *posit Insurance Act.”.*

3        *(b) INCREASE TO MAXIMUM LEVERAGE LIMIT.—Sec-*  
 4        *tion 303(b)(2)(A)(ii) of the Small Business Investment Act*  
 5        *of 1958 (15 U.S.C. 683(b)(2)(A)(ii)) is amended by striking*  
 6        *“\$150,000,000” and inserting “\$175,000,000”.*

7        **SEC. 858. CONSOLIDATED BUDGET JUSTIFICATION FOR**  
 8                                **THE DEPARTMENT OF DEFENSE SMALL BUSI-**  
 9                                **NESS INNOVATION RESEARCH PROGRAM AND**  
 10                              **SMALL BUSINESS TECHNOLOGY TRANSFER**  
 11                              **PROGRAM.**

12        *(a) SUBMISSION WITH ANNUAL BUDGET JUSTIFICA-*  
 13        *TION DOCUMENTS.—The Secretary of Defense, acting*  
 14        *through the Under Secretary of Defense for Research and*  
 15        *Engineering, shall include in the materials submitted to*  
 16        *Congress by the Secretary of Defense in support of the budg-*  
 17        *et of the President for each fiscal year (as submitted to Con-*  
 18        *gress under section 1105 of title 31, United States Code)*  
 19        *a budget justification for all activities conducted under a*  
 20        *Small Business Innovation Research Program or Small*  
 21        *Business Technology Transfer Program (as such terms are*  
 22        *defined, respectively, in section 9(e) of the Small Business*  
 23        *Act (15 U.S.C. 638(e))) of the Department of Defense dur-*  
 24        *ing the previous fiscal year.*

1       (b) *REQUIREMENTS FOR BUDGET DISPLAY.*—The  
2       budget justification under subsection (a) shall include—

3               (1) *the amount obligated or expended, by appro-*  
4       *priation and functional area, for each activity con-*  
5       *ducted under a Small Business Innovation Research*  
6       *Program or Small Business Technology Transfer Pro-*  
7       *gram, with supporting narrative descriptions and ra-*  
8       *tionale for the funding levels; and*

9               (2) *a summary and estimate of funding required*  
10       *during the period covered by the current future-years*  
11       *defense program (as defined under section 221 of title*  
12       *10, United States Code).*

13       (c) *TERMINATION.*—The requirements of this section  
14       shall terminate on December 31, 2022.

15       **SEC. 859. FUNDING FOR PROCUREMENT TECHNICAL AS-**  
16       **SISTANCE PROGRAM.**

17       (a) *AMOUNT OF ASSISTANCE FROM SECRETARY.*—Sec-  
18       tion 2413(b) of title 10, United States Code, is amended—

19               (1) *by striking “not more than 65 percent” and*  
20       *inserting “not more than 75 percent”; and*

21               (2) *in paragraph (1), by striking “more than 65*  
22       *percent, but not more than 75 percent” and inserting*  
23       *“more than 75 percent, but not more than 85 per-*  
24       *cent”.*

1       (b) *FUNDING FOR ELIGIBLE ENTITIES.*—Section  
2   2414(a) of such title is amended—

3           (1) in paragraph (1), by striking “\$750,000”  
4       and inserting “\$1,000,000”;

5           (2) in paragraph (2), by striking “\$450,000”  
6       and inserting “\$750,000”;

7           (3) in paragraph (3), by striking “\$300,000”  
8       and inserting “\$450,000”; and

9           (4) in paragraph (4), by striking “\$750,000”  
10      and inserting “\$1,000,000”.

11   **SEC. 860. EXEMPTION OF CERTAIN CONTRACTS FROM THE**  
12                           **PERIODIC INFLATION ADJUSTMENTS TO THE**  
13                           **ACQUISITION-RELATED DOLLAR THRESHOLD.**

14       Subparagraph (B) of section 1908(b)(2) of title 41,  
15   United States Code, is amended by inserting “3131 to  
16   3134,” after “sections”.

17                   **Subtitle F—Other Matters**

18   **SEC. 871. ADDITIONAL REQUIREMENTS FOR NEGOTIATIONS**  
19                           **FOR NONCOMMERCIAL COMPUTER SOFT-**  
20                           **WARE.**

21       Section 2322a of title 10, United States Code, is  
22   amended by adding at the end the following new sub-  
23   sections:

24       “(c) *RIGHTS TO NONCOMMERCIAL COMPUTER SOFT-*  
25   *WARE.*—As part of any negotiation for the acquisition of

1 *noncommercial computer software, the Secretary of Defense*  
2 *may not require a contractor to sell or otherwise relinquish*  
3 *to the Federal Government any rights to noncommercial*  
4 *computer software developed exclusively at private expense,*  
5 *except for rights related to—*

6           “(1) *corrections or changes to such software or*  
7 *documentation related to such software furnished to*  
8 *the contractor by the Department of Defense;*

9           “(2) *such software or documentation related to*  
10 *such software that is otherwise publicly available or*  
11 *that has been released or disclosed by the contractor*  
12 *or subcontractor without restrictions on further use,*  
13 *release, or disclosure, other than a release or disclo-*  
14 *sure resulting from the sale, transfer, or other assign-*  
15 *ment of interest in such software or documentation to*  
16 *another party.*

17           “(3) *such software or documentation related to*  
18 *such software obtained with unlimited rights under*  
19 *another contract with the Federal Government or as*  
20 *a result of such a negotiation; or*

21           “(4) *such software or documentation related to*  
22 *such software furnished to the Department of Defense*  
23 *under a contract or subcontract that includes—*

24                   “(A) *restricted rights in such software, lim-*  
25 *ited rights in technical data, or government pur-*

1           pose rights, where such restricted rights, limited  
2           rights, or government purpose rights have ex-  
3           pired; or

4                   “(B) government purpose rights, where the  
5           contractor’s exclusive right to use such software  
6           or documentation for commercial purposes has  
7           expired.

8           “(d) *CONSIDERATION OF SPECIALLY NEGOTIATED LI-*  
9   *CENSES.—The Secretary of Defense shall, to the maximum*  
10 *extent practicable, negotiate and enter into a contract with*  
11 *a contractor for a specially negotiated license for non-*  
12 *commercial computer software or documentation related to*  
13 *such software necessary to support the product support*  
14 *strategy of a major weapon system or subsystem of a major*  
15 *weapon system.”.*

16 **SEC. 872. REMOVAL OF REQUIREMENT FOR RISK AND SEN-**  
17 **SITIVITY ANALYSIS OF BASELINE ESTIMATES**  
18 **IN SELECTED ACQUISITION REPORTS.**

19           Section 2432(c)(1)(B) of title 10, United States Code,  
20 is amended by striking “, along with the associated risk  
21 and sensitivity analysis of that estimate” each place it ap-  
22 pears.



1 **SEC. 873. PROHIBITION ON ACQUISITION OF SENSITIVE MA-**  
 2 **TERIALS FROM NON-ALLIED FOREIGN NA-**  
 3 **TIONS.**

4 (a) *IN GENERAL.*—Subchapter V of chapter 148 of title  
 5 10, United States Code, is amended by inserting after sec-  
 6 tion 2533b the following new section:

7 **“§ 2533c. Prohibition on acquisition of sensitive mate-**  
 8 **rials from non-allied foreign nations**

9 “(a) *IN GENERAL.*—Except as provided in subsection  
 10 (c), the Secretary of Defense may not—

11 “(1) procure any end item containing a covered  
 12 material from any covered nation, except as provided  
 13 by subsection (c); or

14 “(2) sell any covered material from the National  
 15 Defense Stockpile, if the National Defense Stockpile  
 16 Manager determines that such a sale is not in the na-  
 17 tional interests of the United States, to—

18 “(A) any covered nation; or

19 “(B) any third party that the Secretary  
 20 reasonably believes is acting as a broker or agent  
 21 for a covered nation or an entity in a covered  
 22 nation.

23 “(b) *EXTENSION.*—Subsection (a) shall apply to prime  
 24 contracts and subcontracts at any tier.

25 “(c) *EXCEPTIONS.*—Subsection (a) does not apply  
 26 under the following circumstances:

1           “(1) *If the Secretary of Defense determines that*  
2           *covered materials of satisfactory quality and quan-*  
3           *tity, in the required form, cannot be procured as and*  
4           *when needed.*

5           “(2) *To the procurement of an end item de-*  
6           *scribed in subsection (a)(1) or the sale of any covered*  
7           *material described under subsection (a)(1) by the Sec-*  
8           *retary outside of the United States for use outside of*  
9           *the United States.*

10          “(3) *To the purchase by the Secretary of an end*  
11          *item containing a covered material that is—*

12               “(A) *a commercially available off-the-shelf*  
13               *item (as defined in section 104 of title 41); or*

14               “(B) *an electronic device, unless the Sec-*  
15               *retary of Defense, upon the recommendation of*  
16               *the Strategic Materials Protection Board pursu-*  
17               *ant to section 187 of this title, determines that*  
18               *the domestic availability of a particular elec-*  
19               *tronic device is critical to national security.*

20          “(d) *DEFINITIONS.—In this section:*

21               “(1) *COVERED MATERIAL.—The term ‘covered*  
22               *material’ means—*

23                       “(A) *samarium-cobalt magnets;*

24                       “(B) *neodymium-iron-boron magnets;*

25                       “(C) *tungsten penetrators; and*

1                   “(D) tungsten or tungsten alloy spheres and  
2                   cubes.

3                   “(2) COVERED NATION.—The term ‘covered na-  
4                   tion’ means—

5                   “(A) the Democratic People’s Republic of  
6                   North Korea;

7                   “(B) the People’s Republic of China;

8                   “(C) the Russian Federation; and

9                   “(D) the Islamic Republic of Iran.

10                  “(3) END ITEM.—The term ‘end item’ has the  
11                  meaning given in section 2533b(m) of this title.”.

12                  (b) CLERICAL AMENDMENT.—The table of contents at  
13                  the beginning of such subchapter is amended by inserting  
14                  after the item relating to section 2533b the following item:

“2533c. Prohibition on acquisition of sensitive materials from non-allied foreign  
                  nations.”.

15       **SEC. 874. TRANSFER OR POSSESSION OF DEFENSE ITEMS**  
16                       **FOR NATIONAL DEFENSE PURPOSES.**

17                  (a) TRANSFER AND POSSESSION EXCEPTIONS.—Sec-  
18                  tion 922(o)(2) of title 18, United States Code, is amended—

19                       (1) in subparagraph (A), by striking “or by”  
20                       and inserting “, by, or under the authority of”;

21                       (2) by striking “or” at the end of subparagraph  
22                       (A);

23                       (3) by striking the period at the end of subpara-  
24                       graph (B) and inserting a semicolon; and

1           (4) by inserting after subparagraph (B) the fol-  
2           lowing new subparagraphs:

3           “(C) a transfer to, or possession by, a licensed  
4           manufacturer or licensed importer (if, with respect to  
5           a transfer, such transfer has been approved by the At-  
6           torney General in accordance with law) for purposes  
7           of—

8           “(i) joint production of a weapon, or inte-  
9           gration or incorporation into another article or  
10          device;

11          “(ii) calibration, testing, or research and  
12          development;

13          “(iii) permanent or temporary export, or  
14          temporary import, otherwise in accordance with  
15          law; or

16          “(iv) training of Federal, State, local, or  
17          foreign government personnel;

18          “(D) a transfer to, or possession by, a licensee  
19          for the purpose of repair and return of the same to  
20          a lawful possessor; or

21          “(E) notwithstanding subsection (g)(5)(B), pos-  
22          session by foreign government personnel for official  
23          training purposes under the direct and continuous su-  
24          pervision of an authorized Federal, State, or local  
25          government official, or a licensee as described in sub-

1       paragraph (C), provided that, upon completion of the  
2       training, such foreign government personnel shall re-  
3       linquish possession of the same to such official or li-  
4       censee.”.

5       (b) *IMPORTATION REQUIREMENTS.*—Section 925(d) of  
6       such title is amended—

7               (1) in paragraph (3)—

8                       (A) by inserting “except as provided in  
9                       paragraph (5),” before “is of”; and

10                      (B) by striking “or” at the end;

11               (2) in paragraph (4), by striking the period at  
12       the end and inserting “; or”; and

13               (3) by inserting after paragraph (4) the fol-  
14       lowing new paragraph:

15               “(5) is being imported or brought in by a li-  
16       censed manufacturer or licensed importer in con-  
17       formity with, and solely for a purpose described in  
18       subparagraph (A), (C), (D), or (E) of section  
19       922(o)(2).”.

20       (c) *EFFECTIVE DATE.*—This section and the amend-  
21       ments made by this section shall take effect 30 days after  
22       the date of the enactment of this Act.

1 **SEC. 875. EXPEDITED HIRING AUTHORITY FOR SHORTAGE**  
 2 **CATEGORY POSITIONS IN THE ACQUISITION**  
 3 **WORKFORCE.**

4 *Section 1703(j) of title 41, United States Code, is*  
 5 *amended—*

6 *(1) in paragraph (1)—*

7 *(A) by striking “sections 3304, 5333, and*  
 8 *5753 of title 5” and inserting “section 3304 of*  
 9 *title 5”;*

10 *(B) by striking “authorities in those sec-*  
 11 *tions” and inserting “authority in such section”;*  
 12 *and*

13 *(C) by striking “certain Federal acquisition*  
 14 *positions (as described in subsection (g)(1)(A))”*  
 15 *and inserting “the Federal acquisition provisions*  
 16 *described in paragraph (2)”;* and

17 *(2) by redesignating paragraph (2) as para-*  
 18 *graph (3);*

19 *(3) by inserting after paragraph (1) the fol-*  
 20 *lowing new paragraph:*

21 *“(2) POSITIONS DESCRIBED.—The Federal ac-*  
 22 *quisition positions described in this paragraph are*  
 23 *the following:*

24 *“(A) Any position listed in (g)(1)(A).*

25 *“(B) All positions in the General Schedule*  
 26 *Realty series (GS–1170).”;* and

1           (4) in paragraph (3) (as so redesignated), by  
 2           striking “September 30, 2017” and inserting “Sep-  
 3           tember 30, 2021”.

4 **SEC. 876. EXTENSION OF PROHIBITION ON PROVIDING**  
 5 **FUNDS TO THE ENEMY.**

6           Section 841(n) of the Carl Levin and Howard P.  
 7 “Buck” McKeon National Defense Authorization Act for  
 8 Fiscal Year 2015 (Public Law 113–291; 127 Stat. 3455;  
 9 10 U.S.C. 2302 note) is amended by striking “December  
 10 31, 2019” and inserting “December 31, 2021”.

11 **SEC. 877. REPEAL OF CERTAIN DETERMINATIONS RE-**  
 12 **QUIRED FOR GRANTS OF EXCEPTIONS TO**  
 13 **COST OR PRICING DATA CERTIFICATION RE-**  
 14 **QUIREMENTS AND WAIVERS OF COST AC-**  
 15 **COUNTING STANDARDS.**

16           Section 817(b) of the Bob Stump National Defense Au-  
 17 thorization Act for Fiscal Year 2003 (Public Law 107–314;  
 18 10 U.S.C. 2306a note) is amended—

19           (1) by striking paragraph (1); and

20           (2) by redesignating paragraphs (2) and (3) as  
 21           paragraphs (1) and (2), respectively.

1 **SEC. 878. REPORTING ON PROJECTS PERFORMED**  
2 **THROUGH TRANSACTIONS OTHER THAN CON-**  
3 **TRACTS, COOPERATIVE AGREEMENTS, AND**  
4 **GRANTS.**

5 (a) *REPORT REQUIRED.*—Not later than December 31,  
6 2018, and each December 31 thereafter through December  
7 31, 2021, the Secretary of Defense shall submit to the con-  
8 gressional defense committees a report covering the pre-  
9 ceding fiscal year on projects described in subsection (b).

10 (b) *CONTENTS.*—Each report under subsection (a)  
11 shall include—

12 (1) *for each project performed through a trans-*  
13 *action (other than contracts, cooperative agreements,*  
14 *and grants) entered into pursuant to section 2371 or*  
15 *2371b of title 10, United States Code, for which pay-*  
16 *ments made by the Department of Defense exceeded*  
17 *\$5,000,000 for such transaction—*

18 (A) *an identification of the element of the*  
19 *Department of Defense and the person or entity*  
20 *outside of the Department of Defense entering*  
21 *into such transaction;*

22 (B) *the date of entry into such transaction;*

23 (C) *the amount of the payments made by*  
24 *the Department of Defense for such transaction;*

25 (D) *the goals and status of each project car-*  
26 *ried out under such transaction; and*



1           (E) the start date and anticipated end date  
2           of each project carried out under such trans-  
3           action; and

4           (2) a description of the mechanisms, including  
5           any policies, guidance, and reporting requirements,  
6           established by the Secretary of Defense to regulate the  
7           use of authority relating to a transaction (other than  
8           contracts, cooperative agreements, and grants) entered  
9           into pursuant to section 2371 or 2371b of title 10,  
10          United States Code.

11 **SEC. 879. STANDARDIZATION OF FORMATTING AND PUBLIC**  
12                   **ACCESSIBILITY OF DEPARTMENT OF DE-**  
13                   **FENSE REPORTS TO CONGRESS.**

14          (a) **BRIEFING REQUIRED.**—Not later than March 1,  
15 2019, the Secretary of Defense shall provide a briefing to  
16 the Committee on Armed Services of the House of Represent-  
17 atives on a plan to standardize the formatting and public  
18 accessibility of unclassified Department of Defense reports  
19 required by Congress. Such briefing shall include a descrip-  
20 tion of the method—

21           (1) for ensuring that reports are created in a  
22           platform-independent, machine-readable format that  
23           can be retrieved, downloaded, indexed, and searched  
24           by commonly used web search applications; and

1           (2) *for providing a publically accessible online*  
 2           *repository of unclassified reports of the Department of*  
 3           *Defense issued since January 1, 2010, including pro-*  
 4           *ocols for inclusion of unclassified reports that, as de-*  
 5           *termined by the Secretary, may not be appropriate*  
 6           *for public release in their entirety.*

7           (b) *IMPLEMENTATION.*—*Such plan shall be imple-*  
 8           *mented not later than March 1, 2020.*

9   **SEC. 880. DEFENDING UNITED STATES GOVERNMENT COM-**  
 10           **MUNICATIONS.**

11           (a) *FINDINGS.*—*Congress makes the following findings:*

12           (1) *In its 2011 “Annual Report to Congress on*  
 13           *Military and Security Developments Involving the*  
 14           *People’s Republic of China”, the Department of De-*  
 15           *fense stated that, “China’s defense industry has bene-*  
 16           *fitted from integration with a rapidly expanding ci-*  
 17           *vilian economy and science and technology sector,*  
 18           *particularly elements that have access to foreign tech-*  
 19           *nology. Progress within individual defense sectors ap-*  
 20           *pears linked to the relative integration of each,*  
 21           *through China’s civilian economy, into the global pro-*  
 22           *duction and R&D chain . . . Information technology*  
 23           *companies in particular, including Huawei, Datang,*  
 24           *and Zhongxing, maintain close ties to the PLA.”.*

1           (2) *In a 2011 report titled “The National Security Implications of Investments and Products from the People’s Republic of China in the Telecommunications Sector”, the United States China Commission stated that “[n]ational security concerns have accompanied the dramatic growth of China’s telecom sector. . . . Additionally, large Chinese companies—particularly those ‘national champions’ prominent in China’s ‘going out’ strategy of overseas expansion—are directly subject to direction by the Chinese Communist Party, to include support for PRC state policies and goals.”.*

13           (3) *The Commission further stated in its report that “[f]rom this point of view, the clear economic benefits of foreign investment in the U.S. must be weighed against the potential security concerns related to infrastructure components coming under the control of foreign entities. This seems particularly applicable in the telecommunications industry, as Chinese companies continue systematically to acquire significant holdings in prominent global and U.S. telecommunications and information technology companies.”.*

24           (4) *In its 2011 Annual Report to Congress, the United States China Commission stated that “[t]he*

1        *extent of the state’s control of the Chinese economy is*  
2        *difficult to quantify . . . There is also a category of*  
3        *companies that, though claiming to be private, are*  
4        *subject to state influence. Such companies are often in*  
5        *new markets with no established SOE leaders and*  
6        *enjoy favorable government policies that support their*  
7        *development while posing obstacles to foreign competi-*  
8        *tion. Examples include Chinese telecoms giant*  
9        *Huawei and such automotive companies as battery*  
10       *maker BYD and vehicle manufacturers Geely and*  
11       *Chery.”.*

12            *(5) General Michael Hayden, who served as Di-*  
13        *rector of the Central Intelligence Agency and Director*  
14        *of the National Security Agency, stated in July 2013*  
15        *that Huawei had “shared with the Chinese state inti-*  
16        *mate and extensive knowledge of foreign telecommuni-*  
17        *cations systems it is involved with.”.*

18            *(6) The Federal Bureau of Investigation, in a*  
19        *February 2015 Counterintelligence Strategy Partner-*  
20        *ship Intelligence Note stated that, “[w]ith the ex-*  
21        *panded use of Huawei Technologies Inc. equipment*  
22        *and services in U.S. telecommunications service pro-*  
23        *vider networks, the Chinese Government’s potential*  
24        *access to U.S. business communications is dramati-*  
25        *cally increasing. Chinese Government-supported tele-*

1        *communications equipment on U.S. networks may be*  
2        *exploited through Chinese cyber activity, with China’s*  
3        *intelligence services operating as an advanced per-*  
4        *sistent threat to U.S. networks.”.*

5            *(7) The Federal Bureau of Investigation further*  
6        *stated in its February 2015 counterintelligence note*  
7        *that, “China makes no secret that its cyber warfare*  
8        *strategy is predicated on controlling global commu-*  
9        *nications network infrastructure.”.*

10           *(8) At a hearing before the Committee on Armed*  
11        *Services of the House of Representatives on September*  
12        *30, 2015, Deputy Secretary of Defense Robert Work,*  
13        *responding to a question about the use of Huawei*  
14        *telecommunications equipment, stated, “In the Office*  
15        *of the Secretary of Defense, absolutely not. And I*  
16        *know of no other—I don’t believe we operate in the*  
17        *Pentagon, any [Huawei] systems in the Pentagon.”.*

18           *(9) At such hearing, the Commander of the*  
19        *United States Cyber Command, Admiral Mike Rog-*  
20        *ers, responding to a question about why such Huawei*  
21        *telecommunications equipment is not used, stated, “as*  
22        *we look at supply chain and we look at potential*  
23        *vulnerabilities within the system, that it is a risk we*  
24        *felt was unacceptable.”.*

1           (10) *In March 2017, ZTE Corporation pled*  
2           *guilty to conspiring to violate the International*  
3           *Emergency Economic Powers Act by illegally ship-*  
4           *ping United States-origin items to Iran, paying the*  
5           *United States Government a penalty of \$892,360,064*  
6           *dollars for activity between January 2010 and Janu-*  
7           *ary 2016.*

8           (11) *The Treasury Department’s Office of For-*  
9           *ign Assets Control issued a subpoena to Huawei as*  
10          *part of a Federal investigation of alleged violations of*  
11          *trade restrictions on Cuba, Iran, Sudan, and Syria.*

12          (12) *In the bipartisan Permanent Select Com-*  
13          *mittee on Intelligence of the House of Representatives*  
14          *“Investigative Report on the United States National*  
15          *Security Issues Posed by Chinese Telecommunication*  
16          *Companies Huawei and ZTE” released in 2012, it*  
17          *was recommended that “U.S. government systems,*  
18          *particularly sensitive systems, should not include*  
19          *Huawei or ZTE equipment, including in component*  
20          *parts. Similarly, government contractors—particu-*  
21          *larly those working on contracts for sensitive U.S.*  
22          *programs—should exclude ZTE or Huawei equipment*  
23          *in their systems.”.*

24          (13) *Christopher Wray, who serves as Director of*  
25          *the Federal Bureau of Investigation, stated in Feb-*

1       ruary 2018 during a hearing of the Select Committee  
2       on Intelligence of the Senate that he was “deeply con-  
3       cerned about the risks of allowing any company or  
4       entity that is beholden to foreign governments that  
5       don’t share our values to gain positions of power in-  
6       side our telecommunications networks. That provides  
7       the capacity to exert pressure or control over our tele-  
8       communications infrastructure. It provides the capac-  
9       ity to maliciously modify or steal information. And  
10      it provides the capacity to conduct undetected espio-  
11      nage.” Admiral Mike Rogers, who served as Director  
12      of the National Security Agency, agreed with Director  
13      Wray’s characterization, and added that Government  
14      programs need “to look long and hard at companies  
15      like this”.

16           (14) Director of National Intelligence Dan Coats,  
17      Federal Bureau of Investigation Director Christopher  
18      Wray, Director of the Defense Intelligence Agency  
19      General Robert Ashley, Director of the National  
20      Geospatial-Intelligence Agency Robert Cardillo, Direc-  
21      tor of the National Security Agency Admiral Michael  
22      Rogers, and Director of the Central Intelligence Agen-  
23      cy Michael Pompeo all indicated by show of hands in  
24      February 2018 at a hearing of the Select Committee

1       on Intelligence of the Senate that they would not “use  
2       products or services from Huawei or ZTE”.

3           (15) General Paul Nakasone, who served as the  
4       Commanding General of United States Army Cyber  
5       Command, stated during his confirmation hearing to  
6       be National Security Agency director in March 2018  
7       before the Select Committee on Intelligence of the Sen-  
8       ate that he “would not” use any Huawei, China  
9       Unicom, or China Telecom products nor would he rec-  
10      ommend his family do so.

11      (b) PROHIBITION ON CERTAIN TELECOMMUNICATIONS  
12      SERVICES OR EQUIPMENT.—

13           (1) PROHIBITION ON AGENCY USE OR PROCURE-  
14      MENT.—Except as provided in paragraph (3), begin-  
15      ning not later than January 1, 2021, the head of an  
16      agency may not procure or obtain, may not extend or  
17      renew a contract to procure or obtain, and may not  
18      enter into a contract (or extend or renew a contract)  
19      with an entity that uses any equipment, system, or  
20      service that uses covered telecommunications equip-  
21      ment or services as a substantial or essential compo-  
22      nent of any system, or as critical technology as part  
23      of any system.

24           (2) IMPLEMENTATION PLAN.—By not later than  
25      180 days after the date of the enactment of this Act,



1       each agency shall develop a plan to implement para-  
2       graph (1) throughout the agency's supply chain and  
3       shall submit such plan to the appropriate congres-  
4       sional committees. Each such plan shall be submitted  
5       in unclassified form, but may contain a classified  
6       annex. The plan for an agency shall include, but not  
7       be limited to, how the agency plans to deal with the  
8       impact of white label technology on its supply chain  
9       whereby the original manufacturer of technology is  
10      not readily apparent to a purchaser or user.

11           (3) *WAIVER.*—The head of an agency may, on a  
12      one time basis, waive the requirement under para-  
13      graph (1) with respect to an entity that requests such  
14      a waiver. Such a waiver may be provided for a pe-  
15      riod of not more than two years if the entity seeking  
16      the waiver—

17                   (A) can demonstrate a compelling justifica-  
18                   tion for additional time to implement such para-  
19                   graph;

20                   (B) submits to the head of the agency, who  
21                   then submits to the appropriate congressional  
22                   committees within 30 days, a full and complete  
23                   laydown of the presence of covered telecommuni-  
24                   cations equipment or services in the entity's sup-  
25                   ply chain and a phase-out plan to eliminate

1        *such covered telecommunications equipment or*  
2        *services from its systems;*

3            *(C) does not permit real-time access to its*  
4        *networks to an entity located or substantially lo-*  
5        *cated in a covered foreign country; and*

6            *(D) provides a written guarantee to the*  
7        *head of the agency that it will not procure such*  
8        *covered telecommunications equipment or serv-*  
9        *ices again.*

10        *(4) COVERED COMPONENTS.—With respect to a*  
11        *covered component of an entity for which such entity*  
12        *reasonably believes will not need to be replaced during*  
13        *the 5-year period beginning on the date of the enact-*  
14        *ment of this Act, such entity shall provide a written*  
15        *assurance to the head of the agency for which such*  
16        *covered component is in use that such entity shall re-*  
17        *place such covered component, at the end of such cov-*  
18        *ered component’s reasonable lifecycle, with a com-*  
19        *parable component that is manufactured by a person*  
20        *other than Huawei Technologies Company or ZTE*  
21        *Corporation (or any subsidiary, successor entity, or*  
22        *affiliate of such entities).*

23        *(5) DEFINITIONS.—In this section:*

24            *(A) The term “appropriate congressional*  
25        *committees” means the Committees on Armed*

1        *Services of the Senate and House of Representa-*  
2        *tives, the Permanent Select Committee on Intel-*  
3        *ligence of the House of Representatives, the Select*  
4        *Committee on Intelligence of the Senate, the*  
5        *Committee on Oversight and Government Reform*  
6        *of the House of Representatives, and the Com-*  
7        *mittee on Homeland Security and Governmental*  
8        *Affairs of the Senate.*

9                (B) *The term “agency” has the meaning*  
10              *given that term in section 551 of title 5, United*  
11              *States Code.*

12              (C) *The term “covered foreign country”*  
13              *means the People’s Republic of China.*

14              (D) *The term “covered telecommunications*  
15              *equipment or services” means any of the fol-*  
16              *lowing:*

17                      (i) *Telecommunications equipment*  
18                      *produced by Huawei Technologies Company*  
19                      *or ZTE Corporation (or any subsidiary,*  
20                      *successor entity, or affiliate of such enti-*  
21                      *ties).*

22                      (ii) *Telecommunications services pro-*  
23                      *vided by such entities or using such equip-*  
24                      *ment.*

1                   (iii) *Telecommunications equipment or*  
2                   *services produced or provided by an entity*  
3                   *that the head of the relevant agency reason-*  
4                   *ably believes to be an entity owned or con-*  
5                   *trolled by, or otherwise connected to, the*  
6                   *government of a covered foreign country.*

7                   (E) *The term “covered component” means*  
8                   *any component that—*

9                   (i) *is part of any equipment, system,*  
10                  *or service that uses covered telecommuni-*  
11                  *cations equipment or services;*

12                  (ii) *is produced by Huawei Tech-*  
13                  *nologies Company or ZTE Corporation (or*  
14                  *any subsidiary, successor entity, or affiliate*  
15                  *of such entities); and*

16                  (iii) *cannot route or redirect data traf-*  
17                  *fic or visibility into any data or packets*  
18                  *such equipment, system, or service trans-*  
19                  *mits or manipulates.*

20               (c) *REPORT.—*

21               (1) *IN GENERAL.—The Director of National In-*  
22               *telligence, in coordination with the Director of the*  
23               *Federal Bureau of Investigation and the Secretaries*  
24               *of State, Homeland Security, and Defense, shall de-*  
25               *velop a report outlining the national security risks of*

1        *use of Huawei and ZTE technology, especially as it*  
2        *relates to evidence of malicious software or hardware*  
3        *that enables unauthorized network access or control*  
4        *and the type and level of risk, and a plan to share*  
5        *such report, based on appropriate access to classified*  
6        *information, with U.S. allies, partners, and U.S.*  
7        *cleared defense contractors and telecommunications*  
8        *services providers.*

9            (2) *UNCLASSIFIED VERSION.—In addition to the*  
10        *classified report required by paragraph (1), an un-*  
11        *classified version of the report shall be made available*  
12        *for U.S. allies and partners as well as impacted tele-*  
13        *communication companies that do not have access to*  
14        *classified information.*

15           (3) *DEADLINE.—The reports required by para-*  
16        *graph (1) and paragraph (2) of this subsection shall*  
17        *be submitted to the appropriate congressional commit-*  
18        *tees (as defined in subsection (b)(4) of this section)*  
19        *not later than 180 days after the date of the enact-*  
20        *ment of this Act.*

1 ***TITLE IX—DEPARTMENT OF DE-***  
 2 ***FENSE ORGANIZATION AND***  
 3 ***MANAGEMENT***

4 ***Subtitle A—Organization and Man-***  
 5 ***agement of the Department of***  
 6 ***Defense Generally***

7 ***SEC. 901. AUTHORITY OF SECRETARY OF DEFENSE TO DE-***  
 8 ***TERMINE COMMAND AND CONTROL RELA-***  
 9 ***TIONSHIPS.***

10 *Section 113 of title 10, United States Code, is amended*  
 11 *by inserting after subsection (k) the following:*

12 *“(l) COMMAND AND CONTROL AUTHORITY.—The Sec-*  
 13 *retary of Defense shall have the authority to determine com-*  
 14 *mand and control relationships within the military depart-*  
 15 *ments, Defense Agencies, and other organizations and ele-*  
 16 *ments of the Department of Defense, including the United*  
 17 *States Fleet Forces Command and the United States Trans-*  
 18 *portation Command, as necessary to fulfill the responsibil-*  
 19 *ities of the Secretary under this title.”.*

20 ***SEC. 902. CIVILIAN PERSONNEL MANAGEMENT.***

21 *Section 129 of title 10, United States Code, is amend-*  
 22 *ed—*

23 *(1) in subsection (a), by striking “Any con-*  
 24 *straint or limitation in terms of man years, end*  
 25 *strength, full-time equivalent positions, or maximum*

1     *number of employees shall be developed on the basis*  
 2     *of those factors and shall be subject to adjustment*  
 3     *solely for reasons of changed circumstances.” and in-*  
 4     *serting “The cost of the civilian workforce as pre-*  
 5     *scribed by Department of Defense Instruction*  
 6     *7041.04, issued in 2013 or any successor guidance,*  
 7     *shall be compared to the costs of the military and*  
 8     *contract workforces, consistent with the requirements*  
 9     *of section 129a, 2461, and 2463 of this title.”; and*

10         *(2) in subsection (c)(2)—*

11             *(A) in each of subparagraphs (A) and (B),*  
 12             *by inserting “and associated costs” after “pro-*  
 13             *jected size”; and*

14             *(B) in subparagraph (B), by striking “that*  
 15             *have been taken to identify offsetting reductions*  
 16             *and avoid unnecessary overall growth in the size*  
 17             *of the civilian workforce” and inserting “to re-*  
 18             *duce the overall costs of the total force of mili-*  
 19             *tary, civilian, and contract workforces consistent*  
 20             *with sections 129a, 2461, and 2463 of this title”.*

21     **SEC. 903. PERFORMANCE OF CIVILIAN FUNCTIONS BY MILI-**  
 22             **TARY PERSONNEL.**

23         *Section 129a(g)(1) of title 10, United States Code, is*  
 24     *amended—*

(1) in subparagraph (A), by striking “or required by a mission” and inserting “pursuant to Department of Defense Instruction 7041.04, issued on July 3, 2013, or any successor guidance, and when required by a mission within the military occupational specialty for which the military personnel have been trained”; and

(2) in subparagraph (B), by inserting “, and only if the functions to be performed by military personnel are consistent with the training requirements for the military occupational specialty for which such personnel have been trained” before the period at the end.

**SEC. 904. ROLES OF UNDER SECRETARY OF DEFENSE FOR  
POLICY AND UNDER SECRETARY OF DEFENSE  
FOR INTELLIGENCE.**

(a) UNDER SECRETARY OF DEFENSE FOR POLICY.—  
Section 134(b) of title 10, United States Code, is amended—

(1) by redesignating paragraphs (3) and (4) as paragraphs (4) and (5), respectively;

(2) by inserting after paragraph (2) the following new paragraph (3):

“(3) Subject to the authority, direction, and control of the Secretary of Defense, the Under Secretary shall be



1 *responsible and have the overall direction and supervision*  
2 *for—*

3           “(A) *the development, implementation, and inte-*  
4 *gration across the Department of Defense of the Na-*  
5 *tional Defense Strategy and strategic policy guidance*  
6 *for the activities of the Department of Defense across*  
7 *all geographic regions and military functions and do-*  
8 *main; and*

9           “(B) *the integration of the activities of the De-*  
10 *partment of Defense into the National Security Strat-*  
11 *egy of the United States.”; and*

12           (3) *in paragraph (4), as redesignated by para-*  
13 *graph (1) of this subsection, by inserting “policy*  
14 *making” before “activities”.*

15       (b) *UNDER SECRETARY OF DEFENSE FOR INTEL-*  
16 *LIGENCE.—Section 137(b) of title 10, United States Code,*  
17 *as amended by section 1621, is further amended—*

18           (1) *in paragraph (3), by striking “; and” and*  
19 *inserting a semicolon;*

20           (2) *by redesignating paragraph (4) as para-*  
21 *graph (5); and*

22           (3) *by inserting after paragraph (3) the fol-*  
23 *lowing new paragraph (4):*

24           “(4) *have responsibility for supervising and di-*  
25 *recting, and overseeing Department of Defense activi-*

1        *ties, other than policy making activities, with respect*  
 2        *to technology protection relating to export controls;*  
 3        *and”.*

4        **SEC. 905. DESIGNATION OF NAVY COMMANDERS.**

5        *Section 5013 of title 10, United States Code, is amend-*  
 6        *ed by adding at the end the following new subsections:*

7        *“(h) The Secretary of the Navy shall designate a single*  
 8        *commander within the Department of the Navy who shall*  
 9        *serve as the official with principal responsibility in such*  
 10       *Department for ensuring that forces of the Navy are avail-*  
 11       *able for tasking and deployment, including forces that may*  
 12       *be operating from a forward deployed location.*

13       *“(i) The Secretary of the Navy shall designate a single*  
 14       *commander within the Department of the Navy who shall*  
 15       *serve as the official with principal responsibility in such*  
 16       *Department for the oversight and management of the ship-*  
 17       *yards of the Navy, including shipyards outside the United*  
 18       *States.”.*

19       **Subtitle B—Comprehensive Pen-**  
 20       **tagon Bureaucracy Reform and**  
 21       **Reduction**

22       **SEC. 911. AUTHORITIES AND RESPONSIBILITIES OF THE**  
 23                                **CHIEF MANAGEMENT OFFICER OF THE DE-**  
 24                                **PARTMENT OF DEFENSE.**

25       *(a) AUTHORITIES AND RESPONSIBILITIES.—*

1           (1) *IN GENERAL.*—Section 132a(b) of title 10,  
2       *United States Code*, is amended—

3                   (A) by amending paragraph (3) to read as  
4       *follows:*

5                   “(3) *Exercising authority, direction, and control*  
6       *over the Defense Agencies and Department of Defense*  
7       *Field Activities with respect to the covered activi-*  
8       *ties.*”; and

9                   (B) by adding at the end the following:

10                   “(7) *Serving as the official with principal re-*  
11       *sponsibility in the Department for minimizing the*  
12       *duplication of efforts and maximizing efficiency and*  
13       *effectiveness among all organizations and elements of*  
14       *the Department (other than the military departments)*  
15       *with respect to the covered activities.*”.

16           (2) *BUDGET AUTHORITY.*—Section 132a of title  
17       *10, United States Code* (as amended by paragraph  
18       (1)) is further amended—

19                   (A) by redesignating subsections (c) and (d)  
20       as subsections (d) and (e) respectively; and

21                   (B) by inserting after subsection (b) the fol-  
22       *lowing:*

23                   “(c) *BUDGET AUTHORITY.*—

24                   “(1)(A) *The Secretary of Defense, acting through*  
25       *the Under Secretary of Defense (Comptroller), shall*

1        *require the head of each Defense Agency and Depart-*  
2        *ment of Defense Field Activity to transmit the pro-*  
3        *posed budget for the covered activities of such Agency*  
4        *or Activity for a fiscal year and for the period cov-*  
5        *ered by the future-years defense program submitted to*  
6        *Congress under section 221 of this title for that fiscal*  
7        *year to the Chief Management Officer for review*  
8        *under subparagraph (B) before submitting the pro-*  
9        *posed budget to the Under Secretary of Defense*  
10       *(Comptroller).*

11            *“(B) The Chief Management Officer shall review*  
12        *each proposed budget transmitted under subpara-*  
13        *graph (A) and, not later than January 31 of the year*  
14        *preceding the fiscal year for which the budget is pro-*  
15        *posed, shall submit to the Secretary of Defense a re-*  
16        *port containing the comments of the Chief Manage-*  
17        *ment Officer with respect to all such proposed budg-*  
18        *ets, together with the certification of the Chief Man-*  
19        *agement Officer regarding whether each proposed*  
20        *budget achieves an adequate level of efficiency and ef-*  
21        *fectiveness with respect to the covered activities.*

22            *“(C) Not later than March 31 of each year, the*  
23        *Secretary of Defense shall submit to Congress a report*  
24        *that includes the following:*

1           “(i) *Each proposed budget for the covered*  
2           *activities of a Defense Agency or a Department*  
3           *of Defense Field Activity that was transmitted to*  
4           *the Chief Management Officer under subpara-*  
5           *graph (A).*

6           “(ii) *Identification of each proposed budget*  
7           *contained in the most-recent report submitted*  
8           *under subparagraph (B) that the Chief Manage-*  
9           *ment Officer did not certify as achieving an ade-*  
10          *quate level of efficiency and effectiveness with re-*  
11          *spect to the covered activities.*

12          “(iii) *A discussion of the actions that the*  
13          *Secretary proposes to take, together with any rec-*  
14          *ommended legislation that the Secretary con-*  
15          *siders appropriate, to address the inadequate lev-*  
16          *els of efficiency and effectiveness achieved by the*  
17          *proposed budgets identified in the report.*

18          “(iv) *Any additional comments that the*  
19          *Secretary considers appropriate regarding the*  
20          *inadequate levels of efficiency and effectiveness*  
21          *achieved by the proposed budgets.*

22          “(2) *None of the funds authorized to be appro-*  
23          *priated or otherwise made available for any fiscal*  
24          *year for the covered activities of a Defense Agency or*

1        *a Department of Defense Field Activity may be obli-*  
 2        *gated or expended unless—*

3                *“(A) the head of the Agency or Activity sub-*  
 4                *mits to the Chief Management Officer a plan for*  
 5                *the obligation and expenditure of such funds;*  
 6                *and*

7                *“(B) the Chief Management Officer ap-*  
 8                *proves the plan.*

9                *“(3) Nothing in this subsection shall be construed*  
 10              *to modify or interfere with the budget-related respon-*  
 11              *sibilities of the Director of National Intelligence.”.*

12              *(3) COVERED ACTIVITIES DEFINED.—Section*  
 13              *132a of title 10, United States Code (as amended by*  
 14              *paragraphs (1) and (2)) is further amended by add-*  
 15              *ing at the end the following:*

16              *“(f) COVERED ACTIVITIES DEFINED.—In this section,*  
 17              *the term ‘covered activities’ means any activity relating to*  
 18              *civilian resources management, logistics management, serv-*  
 19              *ices contracting, or real estate management.”.*

20              *(b) STREAMLINING OF CERTAIN FUNCTIONS ACROSS*  
 21              *THE DEPARTMENT OF DEFENSE.—*

22              *(1) STREAMLINING OF FUNCTIONS.—*

23              *(A) IN GENERAL.—Except as provided in*  
 24              *subparagraph (B), not later than January 1,*  
 25              *2021, and not less frequently than once every five*

1        *years thereafter, the Secretary of Defense, acting*  
2        *through the Chief Management Officer of the De-*  
3        *partment Defense, shall reduce or eliminate du-*  
4        *plicative functions across all organizations and*  
5        *elements of the Department of Defense with re-*  
6        *spect to the covered activities.*

7                (B) *EXCEPTION.—The military services*  
8        *shall not be included in any reductions or elimi-*  
9        *nations carried out under subparagraph (A) on*  
10       *or before January 1, 2021.*

11               (2) *CERTIFICATION AND REVIEW OF COST SAV-*  
12       *INGS.—*

13               (A) *CERTIFICATION.—Not later January 1,*  
14       *2021, the Chief Management Officer shall certify*  
15       *to the congressional defense committees that the*  
16       *reductions and eliminations carried out under*  
17       *paragraph (1) accomplished savings with respect*  
18       *to the total amount obligated and expended for*  
19       *the covered activities in fiscal year 2020 that*  
20       *were not less than 25 percent of the baseline*  
21       *amount.*

22               (B) *GAO REVIEW.—Not later than 30 days*  
23       *after the submission of the certification under*  
24       *subparagraph (A), the Comptroller General of*  
25       *the United States shall submit to the congres-*

1       sional defense committees a report that verifies  
2       whether the savings reported by the Chief Man-  
3       agement Officer under such subparagraph are  
4       accurate.

5               (C) *BASELINE AMOUNT.*—For the purposes  
6       of this paragraph, the baseline amount is the  
7       total amount obligated and expended by organi-  
8       zations and elements of the Department of De-  
9       fense other than the military services for fiscal  
10      year 2018 for the covered activities—

11              (i) increased by a credit for the  
12              amount of any reductions in the costs of  
13              such activities that are documented, as of  
14              the date that is 90 days after the date of the  
15              enactment of this Act, as having been ac-  
16              complished in accordance with section 346  
17              of the National Defense Authorization Act  
18              for Fiscal Year 2016 (Public Law 114–  
19              92; 10 U.S.C. 111 note); and

20              (ii) decreased by the amount of any re-  
21              ductions in costs for such activities that are  
22              documented, as of the date that is 90 days  
23              after the date of the enactment of this Act,  
24              as having been accomplished in accordance  
25              with other sections of this subtitle.



(D) *TREATMENT OF CERTAIN COST SAVINGS.—For the purposes of calculating the percentage cost savings accomplished by the Chief Management Officer under subparagraph (A), any reduction in costs documented, as of the date that is 90 days after the date of the enactment of this Act, as having been accomplished in accordance with section 346 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 111 note) shall be treated as a reduction accomplished by the Chief Management Officer under paragraph (1).*

(3) *PLAN AND REVIEW.—*

(A) *PLAN REQUIRED.—Not later than March 1, 2020, the Chief Management Officer shall submit to the congressional defense committees a plan for complying with paragraphs (1) and (2).*

(B) *GAO REVIEW.—Not later than 30 days after the submission of the plan under subparagraph (A), the Comptroller General of the United States shall submit to the congressional defense committees a report that verifies—*

*(i) whether the plan submitted under subparagraph (A) is feasible; and*

1                   (ii) whether any cost savings expected  
2                   to result from the plan are accurate.

3           (4) *SUBSEQUENT REPORTS AND REVIEWS.*—

4                   (A) *CMO REPORTS.*—Not later than Janu-  
5                   ary 1 of every fifth calendar year beginning with  
6                   January 1, 2026, the Chief Management Officer  
7                   shall submit to the congressional defense commit-  
8                   tees a report that describes the activities carried  
9                   out by the Chief Management Officer under  
10                  paragraph (1) during the preceding five years,  
11                  including an estimate of any cost savings  
12                  achieved as a result of such activities.

13                  (B) *GAO REVIEW.*—Not later than 30 days  
14                  after the submission of each report under sub-  
15                  paragraph (A), the Comptroller General of the  
16                  United States shall submit to the congressional  
17                  defense committees a report that verifies—

18                         (i) whether the activities described in  
19                         the report under subparagraph (A) were  
20                         carried out; and

21                         (ii) whether any cost savings estimated  
22                         in the report are accurate.

23           (5) *COVERED ACTIVITIES DEFINED.*—In this sub-  
24           section, the term “covered activities” has the meaning

1       *given that term in section 132a(f) of title 10, United*  
2       *States Code, as added by subsection (a) of this section.*

3   **SEC. 912. AUTHORITIES AND RESPONSIBILITIES OF THE IN-**  
4                   **SPECTOR GENERAL OF THE DEPARTMENT OF**  
5                   **DEFENSE.**

6       *(a) ADDITIONAL RESPONSIBILITIES AND AUTHORI-*  
7       *TIES.—Section 141 of title 10, United States Code, is*  
8       *amended by adding at the end the following:*

9       *“(c) In addition to the duties, responsibilities, and*  
10      *powers referred to in subsection (b), the Inspector General*  
11      *of the Department shall serve as the official with principal*  
12      *responsibility in the Department for minimizing the dupli-*  
13      *cation of efforts and maximizing efficiency among the In-*  
14      *spectors General across all organizations and elements of*  
15      *the Department with respect to the covered activities.*

16      *“(d)(1)(A) The Secretary of Defense, acting through*  
17      *the Under Secretary of Defense (Comptroller), shall require*  
18      *each Inspector General of an organization or element of the*  
19      *Department of Defense to transmit the proposed budget for*  
20      *the covered activities of the Office of such Inspector General*  
21      *for a fiscal year and for the period covered by the future-*  
22      *years defense program submitted to Congress under section*  
23      *221 of this title for that fiscal year to the Inspector General*  
24      *of the Department of Defense for review under subpara-*

1 *graph (B) before submitting the proposed budget to the*  
2 *Under Secretary of Defense (Comptroller).*

3       “(B) *The Inspector General of the Department of De-*  
4 *fense shall review each proposed budget transmitted under*  
5 *subparagraph (A) and, not later than January 31 of the*  
6 *year preceding the fiscal year for which the budget is pro-*  
7 *posed, shall submit to the Secretary of Defense a report con-*  
8 *taining the comments of the Inspector General with respect*  
9 *to all such proposed budgets, together with the certification*  
10 *of the Inspector General regarding whether each proposed*  
11 *budget achieves an adequate level of efficiency and effective-*  
12 *ness with respect to the covered activities.*

13       “(C) *Not later than March 31 of each year, the Sec-*  
14 *retary of Defense shall submit to Congress a report that in-*  
15 *cludes the following:*

16               “(i) *Each proposed budget for the covered activi-*  
17 *ties of an Inspector General of an organization or ele-*  
18 *ment of the Department of Defense that was trans-*  
19 *mitted to the Inspector General of the Department*  
20 *under subparagraph (A).*

21               “(ii) *Identification of each proposed budget con-*  
22 *tained in the most-recent report submitted under sub-*  
23 *paragraph (B) that the Inspector General of the De-*  
24 *partment did not certify as achieving an adequate*

1       *level of efficiency and effectiveness with respect to the*  
2       *covered activities.*

3               “(iii) *A discussion of the actions that the Sec-*  
4       *retary proposes to take, together with any rec-*  
5       *ommended legislation that the Secretary considers ap-*  
6       *propriate, to address the inadequate levels of effi-*  
7       *ciency and effectiveness achieved by the proposed*  
8       *budgets identified in the report.*

9               “(iv) *Any additional comments that the Sec-*  
10       *retary considers appropriate regarding the inadequate*  
11       *levels of efficiency and effectiveness achieved by the*  
12       *proposed budgets.*

13              “(2) *None of the funds authorized to be appropriated*  
14       *or otherwise made available for any fiscal year for the cov-*  
15       *ered activities of an Inspector General of an organization*  
16       *or element of the Department of Defense may be obligated*  
17       *or expended unless—*

18              “(A) *the Inspector General of the organization or*  
19       *element submits to the Inspector General of the De-*  
20       *partment of Defense a plan for the obligation and ex-*  
21       *penditure of such funds; and*

22              “(B) *the Inspector General of the Department of*  
23       *Defense approves the plan.*

24              “(e) *In this section, the term ‘covered activities’ means*  
25       *any activity relating to public affairs, human resources,*

1 *contracting, services contracting, or any other cross-enter-*  
 2 *prise activities of the Inspectors General of the organiza-*  
 3 *tions and elements of the Department of Defense, as deter-*  
 4 *mined by the Inspector General of the Department.”.*

5 (b) *STREAMLINING OF FUNCTIONS.*—Not later than  
 6 January 1, 2021, the Secretary of Defense, acting through  
 7 the Inspector General of the Department Defense, shall re-  
 8 duce or eliminate duplicative functions among the Inspec-  
 9 tors General across all organizations and elements of the  
 10 Department with respect to the covered activities.

11 (c) *PLAN REQUIRED.*—Not later than March 1, 2020,  
 12 the Inspector General of the Department of Defense shall  
 13 submit to the congressional defense committees a plan for  
 14 complying with subsection (b).

15 (d) *COVERED ACTIVITIES DEFINED.*—In this section,  
 16 the term “covered activities” has the meaning given that  
 17 term in section 141(e) of title 10, United States Code, as  
 18 added by subsection (a) of this section.

19 **SEC. 913. TRANSITION OF CERTAIN DEFENSE AGENCIES**  
 20 **AND DEPARTMENT OF DEFENSE FIELD AC-**  
 21 **TIVITIES.**

22 (a) *DEFENSE INFORMATION SYSTEMS AGENCY.*—

23 (1) *TRANSFER OF FUNCTIONS.*—Not later than  
 24 January 1, 2021, the Secretary of Defense, acting

1       *through the Chief Management Officer of the Depart-*  
2       *ment of Defense, shall—*

3               *(A) transfer all information technology con-*  
4               *tracting and acquisition services of the Defense*  
5               *Information Systems Agency to other elements of*  
6               *the Department of Defense, which may include*  
7               *the transfer of such services to the military de-*  
8               *partments; and*

9               *(B) transfer all senior leader communica-*  
10              *tions functions of the Agency to other elements of*  
11              *the Department of Defense.*

12              *(2) TRANSITION PLAN.—Not later than March 1,*  
13              *2020, the Chief Management Officer shall submit to*  
14              *the congressional defense committees a plan for the*  
15              *transfers required under paragraph (1).*

16              *(b) ELIMINATION OF WASHINGTON HEADQUARTERS*  
17              *SERVICES.—*

18              *(1) ELIMINATION REQUIRED.—Not later than*  
19              *January 1, 2021, the Secretary of Defense, acting*  
20              *through the Chief Management Officer of the Depart-*  
21              *ment of Defense, shall eliminate the Washington*  
22              *Headquarters Services.*

23              *(2) TRANSFER OR ELIMINATION.—*

24              *(A) TRANSFER.—The Chief Management*  
25              *Officer shall transfer to other elements of the Of-*

1        *fice of the Secretary of Defense only such func-*  
2        *tions of the Washington Headquarters Services*  
3        *as are necessary to carry out an essential func-*  
4        *tion not otherwise carried out by such Office, as*  
5        *determined by the Chief Management Officer.*

6                (B) *ELIMINATION.*—*Any functions of the*  
7        *Washington Headquarters Services that are not*  
8        *transferred to another element of the Office of the*  
9        *Secretary of Defense under subparagraph (A)*  
10       *shall be eliminated.*

11               (3) *TRANSFER OR DISPOSITION OF ASSETS.*—*The*  
12       *Chief Management Officer shall dispose of, or transfer*  
13       *to other elements of the Office of the Secretary of De-*  
14       *fense, any assets of the Washington Headquarters*  
15       *Services.*

16               (4) *TRANSITION PLAN.*—*Not later than March 1,*  
17       *2020, the Chief Management Officer shall submit to*  
18       *the congressional defense committees a plan for the*  
19       *eliminations and transfers required under this sub-*  
20       *section.*

21               (c) *REVIEW OF DEFENSE AGENCIES AND DEPARTMENT*  
22       *OF DEFENSE FIELD ACTIVITIES.*—

23               (1) *REVIEW REQUIRED.*—*The Chief Management*  
24       *Officer of the Department of Defense shall review the*  
25       *efficiency and effectiveness of each Defense Agency*



1       *and Department of Defense Field Activity. As part of*  
2       *the review, the Chief Management Officer shall iden-*  
3       *tify each function of an Agency or Activity that is*  
4       *substantially similar to, or duplicative of, a function*  
5       *carried out by another organization or element of the*  
6       *Department of Defense.*

7               (2) *REPORT.*—*Not later than March 1, 2020, the*  
8       *Chief Management Officer shall submit to the congres-*  
9       *sional defense committees a report that includes the*  
10       *results of the review conducted under paragraph (1).*

11              (3) *CMO VERIFICATION AND TRANSITION*  
12       *PLAN.*—*Together with the submission of the report*  
13       *under paragraph (2) and based on the results of the*  
14       *review conducted under paragraph (1), the Chief*  
15       *Management Officer shall submit to the congressional*  
16       *defense committees—*

17                   (A) *a list identifying each Defense Agency*  
18                   *and Department of Defense Field Activity that*  
19                   *the Chief Management Officer has determined—*

20                           (i) *operates efficiently and effectively;*

21                           *and*

22                           (ii) *does not carry out any function*  
23                           *that is substantially similar to, or duplica-*  
24                           *tive of, a function carried out by another*

1                   organization or element of the Department  
2                   of Defense; and

3                   (B) with respect to each Agency or Activity  
4                   not included on the list under subparagraph (A),  
5                   a plan for—

6                   (i) eliminating the Agency or Activity;

7                   or

8                   (ii) transferring some or all of the  
9                   functions of the Agency or Activity to an-  
10                  other organization or element of the Depart-  
11                  ment of Defense.

12           (d) CLARIFICATION OF AUTHORITIES OF THE SEC-  
13   RETARY OF DEFENSE.—

14               (1) IN GENERAL.—Except as provided in para-  
15               graph (2), the Secretary of Defense shall have the au-  
16               thority to establish or terminate any Defense Agency  
17               or Department of Defense Field Activity.

18               (2) EXCEPTIONS.—The authority of the Sec-  
19               retary of Defense to establish or terminate a Defense  
20               Agency or Department of Defense Field Activity  
21               under paragraph (1) does not apply to an Agency or  
22               Activity that is specifically established or terminated  
23               by an Act of Congress.

24               (3) REFERENCES.—Any reference in Federal  
25               law, regulations, guidance, instructions, or other doc-

1        *uments of the Federal Government to a Defense Agen-*  
 2        *cy or Department of Defense Field Activity termi-*  
 3        *nated by the Secretary of Defense under paragraph*  
 4        *(1), or to the head of such an Agency or Activity,*  
 5        *shall be deemed to be a reference to the Secretary of*  
 6        *Defense.*

7            (4) *NOTICE REQUIREMENT.*—*The Secretary of*  
 8        *Defense may not terminate a Defense Agency or De-*  
 9        *partment of Defense Field Activity until a period of*  
 10       *90 days has elapsed following the date on which the*  
 11       *Secretary submits to the congressional defense com-*  
 12       *mittees—*

13            (A) *notice of the intent of the Secretary to*  
 14        *terminate the Agency or Activity; and*

15            (B) *recommendations for legislative actions*  
 16        *that may be required as a result of such termi-*  
 17        *nation.*

18        **SEC. 914. ACTIONS TO INCREASE THE EFFICIENCY AND**  
 19                                **TRANSPARENCY OF THE DEFENSE LOGISTICS**  
 20                                **AGENCY.**

21            (a) *SYSTEM AND CAPABILITY.*—*Not later than Janu-*  
 22        *ary 1, 2021, the Director of the Defense Logistics Agency*  
 23        *and the Chief Management Officer of the Department of De-*  
 24        *fense shall jointly, in consultation with the customers served*  
 25        *by the Agency, develop and implement—*

1           (1) *a comprehensive system that enables cus-*  
2 *tomers of the Agency to view—*

3                 *(A) the inventory of items and materials*  
4 *available to customers from the Agency; and*

5                 *(B) the delivery status of items and mate-*  
6 *rials that are in transit to customers; and*

7           (2) *a predictive analytics capability designed to*  
8 *increase the efficiency of the system described in para-*  
9 *graph (1) by identifying emerging customer needs*  
10 *with respect to items and materials supplied by the*  
11 *Agency, including any emerging needs arising from*  
12 *the use of new weapon systems by customers.*

13         ***(b) ACTIONS TO INCREASE EFFICIENCY.—****Not later*  
14 *than January 1, 2021, the Director of the Defense Logistics*  
15 *Agency and the Chief Management Officer shall jointly—*

16                 *(1) reduce the rates charged to customers, in ag-*  
17 *gregate, by not less than 10 percent;*

18                 *(2) eliminate the duplication of services within*  
19 *the Agency; and*

20                 *(3) establish specific goals and metrics to ensure*  
21 *that the Agency is fulfilling its mission of providing*  
22 *items and materials to customers with sufficient speed*  
23 *and in sufficient quantities to ensure the lethality*  
24 *and readiness of warfighters.*

1       (c) *PLAN REQUIRED.*—Not later than March 1, 2020,  
 2       the Director of the Defense Logistics Agency and the Chief  
 3       Management Officer shall jointly submit to the congres-  
 4       sional defense committees a plan that describes how the Di-  
 5       rector and the Chief Management Officer will achieve com-  
 6       pliance with the requirements of subsections (a) and (b).

7       **SEC. 915. REVIEW OF FUNCTIONS OF DEFENSE CONTRACT**  
 8                               **AUDIT AGENCY AND DEFENSE CONTRACT**  
 9                               **MANAGEMENT AGENCY.**

10       (a) *REVIEW REQUIRED.*—The Secretary of Defense,  
 11       acting through the Chief Management Officer of the Depart-  
 12       ment of Defense, shall direct the Under Secretary of Defense  
 13       for Acquisition and Sustainment and the Under Secretary  
 14       of Defense (Comptroller) to conduct a joint review of the  
 15       functions of the Defense Contract Audit Agency and the De-  
 16       fense Contract Management Agency. The review shall in-  
 17       clude—

18               (1) a validation of the missions and functions of  
 19       each Agency;

20               (2) a determination of whether there are func-  
 21       tions performed by either Agency that could more ap-  
 22       propriately be performed by—

23               (A) the other Agency;

1                   (B) any other organization or element of the  
2                   Department of Defense, including the military  
3                   departments; or

4                   (C) commercial providers; and

5                   (3) a validation of the continued need for two  
6                   separate Agencies with oversight for defense con-  
7                   tracting.

8           (b) *REPORT REQUIRED*.—Not later than March 1,  
9   2020, the Secretary of Defense shall submit to the congres-  
10 sional defense committees a report that includes the results  
11 of the review conducted under subsection (a).

12 **SEC. 916. STREAMLINING OF DEFENSE FINANCE AND AC-**  
13 **COUNTING SERVICES.**

14           (a) *IN GENERAL*.—Not later than January 1, 2021,  
15 the Chief Management Officer and the Under Secretary of  
16 Defense (Comptroller) shall jointly carry out activities to  
17 streamline, reduce duplication, and make more effective the  
18 operations of the Defense Finance and Accounting Services.

19           (b) *PLAN REQUIRED*.—Not later than March 1, 2020,  
20 the Chief Management Officer and the Under Secretary of  
21 Defense (Comptroller) shall jointly submit to the congres-  
22 sional defense committees a plan for carrying out the activi-  
23 ties required under subsection (a).

1 **SEC. 917. REDUCTION IN NUMBER OF CHIEF INFORMATION**  
 2 **OFFICERS IN THE SENIOR EXECUTIVE SERV-**  
 3 **ICE.**

4 *With respect to the total number of Chief Information*  
 5 *Officer positions within the Department of Defense, during*  
 6 *calendar year 2021 and each year thereafter not more than*  
 7 *five of such positions may be Senior Executive Service posi-*  
 8 *tions (as that term is described in section 3132(a)(2) of title*  
 9 *5, United States Code).*

10 **SEC. 918. GENERAL PROVISIONS.**

11 *(a) CONSOLIDATED REPORT.—The plans and reports*  
 12 *required to be submitted to the congressional defense com-*  
 13 *mittees under this subtitle on or before March 1, 2020, may*  
 14 *be combined and submitted in the form of a single, consoli-*  
 15 *dated document.*

16 *(b) DEFINITIONS.—In this subtitle:*

17 *(1) The term “Chief Management Officer” means*  
 18 *the Chief Management Officer of the Department of*  
 19 *Defense.*

20 *(2) The terms “Defense Agency”, “Department of*  
 21 *Defense Field Activity”, and “military departments”*  
 22 *have the meanings given the terms in section 101(a)*  
 23 *of title 10, United States Code.*

24 *(c) CONFORMING AMENDMENT.—Section 143(b) of title*  
 25 *10, United States Code, is amended by striking “and the*

1 *Washington Headquarters Services of the Department of*  
 2 *Defense”.*

3 (d) *EFFECTIVE DATE.*—*The amendment made by sub-*  
 4 *section (c) shall take effect on the earlier of—*

5 (1) *the date on which the Washington Head-*  
 6 *quarters Services is eliminated under section 913; or*

7 (2) *January 1, 2021.*

## 8 ***Subtitle C—Other Matters***

### 9 ***SEC. 921. ARTIFICIAL INTELLIGENCE AND MACHINE LEARN-*** 10 ***ING POLICY AND OVERSIGHT COUNCIL.***

11 (a) *ESTABLISHMENT.*—*In order to fulfill the respon-*  
 12 *sibilities specified in Section 133a of title 10, United States*  
 13 *Code, the Under Secretary of Defense for Research and En-*  
 14 *gineering shall establish and lead a team to be known as*  
 15 *the “Artificial Intelligence and Machine Learning Policy*  
 16 *and Oversight Council” (in this section referred to as the*  
 17 *“Council”).*

18 (b) *PURPOSE.*—*The purpose of the Council shall be*  
 19 *to—*

20 (1) *integrate the functional activities of the orga-*  
 21 *nizations and elements of the Department of Defense*  
 22 *with respect to artificial intelligence and machine*  
 23 *learning;*



1           (2) *ensure there are efficient and effective artificial intelligence and machine learning capabilities throughout Department; and*

4           (3) *develop and continuously improve research, innovation, policy, joint processes, and procedures to facilitate the development, acquisition, integration, advancement, and sustainment of artificial intelligence and machine learning throughout the Department.*

10       (c) *MEMBERSHIP.—The membership of the Council shall include the following:*

12           (1) *The Under Secretary of Defense for Research and Engineering, or the designee of the Under Secretary, who shall serve as the leader of the Council.*

15           (2) *The following officials of the Department of Defense, or their designees:*

17               (A) *The Under Secretary of Defense for Acquisition and Sustainment.*

19               (B) *The Chief Management Officer of the Department of Defense.*

21               (C) *The Under Secretary of Defense (Comptroller).*

23               (D) *The Under Secretary of Defense for Personnel and Readiness.*

1                   (E) *The Under Secretary of Defense for In-*  
2                   *telligence.*

3                   (F) *The General Counsel of the Department*  
4                   *of Defense.*

5                   (G) *The head of each military service.*

6                   (H) *The Commander of the United States*  
7                   *Special Operations Command.*

8                   (I) *The Director of the Defense Advanced*  
9                   *Research Projects Agency.*

10                  (3) *Any other official of the Department of De-*  
11                  *fense determined to be appropriate by the Under Sec-*  
12                  *retary of Defense for Research and Engineering.*

13                  (d) *OPERATION.—The Council shall operate continu-*  
14                  *ously.*

15   **SEC. 922. LIMITATION ON TRANSFER OF THE CHEMICAL, BI-**  
16                               **OLOGICAL, AND RADIOLOGICAL DEFENSE DI-**  
17                               **VISION OF THE NAVY.**

18                  (a) *FINDINGS.—Congress makes the following findings:*

19                   (1) *The Chemical, Biological, and Radiological*  
20                   *Defense Division of the Navy, currently based at the*  
21                   *Naval Surface Warfare Center in Dahlgren, Virginia,*  
22                   *consists of a highly effective team of scientists per-*  
23                   *forming critical work for the United States.*

1           (2) *The Secretary of the Navy has notified Con-*  
2           *gress of the intent of the Secretary to transfer the Di-*  
3           *vision to another location.*

4           (3) *The Secretary has not provided Congress*  
5           *with a detailed cost benefit analysis or any other in-*  
6           *formation that adequately justifies the proposed*  
7           *transfer of the Division.*

8           (b) *REPORT REQUIRED.*—*Not later than 90 days after*  
9           *the date of the enactment of this Act, the Secretary of the*  
10          *Navy shall submit to the congressional defense committees*  
11          *a report that includes—*

12               (1) *a detailed timeline for the proposed transfer*  
13               *of the Chemical, Biological, and Radiological Defense*  
14               *Division of the Navy from Virginia to another loca-*  
15               *tion;*

16               (2) *a full accounting of the costs associated with*  
17               *the proposed transfer, including—*

18                       (A) *all personnel costs;*

19                       (B) *all equipment costs; and*

20                       (C) *all facility renovation costs for the ex-*  
21                       *isting facilities of the Division and the facilities*  
22                       *to which the Division is proposed to be trans-*  
23                       *ferred;*

24               (3) *a risk assessment of the operational impact*  
25               *of the transfer during the transition period; and*

1           (4) *an explanation of the operational benefit ex-*  
 2           *pected to be achieved by collocating all Chemical, Bio-*  
 3           *logical, and Radiological elements of the Department*  
 4           *of the Navy.*

5           (c) *LIMITATION.—The Secretary of the Navy may not*  
 6           *transfer, or prepare to transfer, the Chemical, Biological,*  
 7           *and Radiological Defense Division of the Navy from Dahl-*  
 8           *gren, Virginia to another location until a period of 45 days*  
 9           *has elapsed following the date on which the report is sub-*  
 10          *mitted to the congressional defense committees under sub-*  
 11          *section (b).*

## 12    ***TITLE X—GENERAL PROVISIONS***

### 13       ***Subtitle A—Financial Matters***

#### 14    ***SEC. 1001. GENERAL TRANSFER AUTHORITY.***

15          (a) *AUTHORITY TO TRANSFER AUTHORIZATIONS.—*

16           (1) *AUTHORITY.—Upon determination by the*  
 17           *Secretary of Defense that such action is necessary in*  
 18           *the national interest, the Secretary may transfer*  
 19           *amounts of authorizations made available to the De-*  
 20           *partment of Defense in this division for fiscal year*  
 21           *2019 between any such authorizations for that fiscal*  
 22           *year (or any subdivisions thereof). Amounts of au-*  
 23           *thorizations so transferred shall be merged with and*  
 24           *be available for the same purposes as the authoriza-*  
 25           *tion to which transferred.*

1           (2) *LIMITATION.*—*Except as provided in para-*  
2           *graph (3), the total amount of authorizations that the*  
3           *Secretary may transfer under the authority of this*  
4           *section may not exceed \$5,000,000,000.*

5           (3) *EXCEPTION FOR TRANSFERS BETWEEN MILI-*  
6           *TARY PERSONNEL AUTHORIZATIONS.*—*A transfer of*  
7           *funds between military personnel authorizations*  
8           *under title IV shall not be counted toward the dollar*  
9           *limitation in paragraph (2).*

10          (b) *LIMITATIONS.*—*The authority provided by sub-*  
11          *section (a) to transfer authorizations—*

12                 (1) *may only be used to provide authority for*  
13                 *items that have a higher priority than the items from*  
14                 *which authority is transferred; and*

15                 (2) *may not be used to provide authority for an*  
16                 *item that has been denied authorization by Congress.*

17          (c) *EFFECT ON AUTHORIZATION AMOUNTS.*—*A trans-*  
18          *fer made from one account to another under the authority*  
19          *of this section shall be deemed to increase the amount au-*  
20          *thorized for the account to which the amount is transferred*  
21          *by an amount equal to the amount transferred.*

22          (d) *NOTICE TO CONGRESS.*—*The Secretary shall*  
23          *promptly notify Congress of each transfer made under sub-*  
24          *section (a).*

1 **SEC. 1002. EXPERTISE IN AUDIT REMEDIATION.**

2 (a) *FINDINGS.*—Congress finds the following:

3 (1) *The ongoing efforts to produce auditable fi-*  
4 *nancial statements for the Department of Defense, its*  
5 *agencies, and the military services enhance readiness*  
6 *and accountability by ensuring effective stewardship*  
7 *of taxpayer resources.*

8 (2) *The transition from audit readiness to audit*  
9 *performance and remediation are critical phases, de-*  
10 *manding expertise from accounting firms and finan-*  
11 *cial management professionals to ensure that the De-*  
12 *partment successfully addresses issues identified in an*  
13 *audit.*

14 (3) *Support from the private sector enhances the*  
15 *ability of the Department to conduct audit and reme-*  
16 *diation activities, and will enable the Department to*  
17 *achieve its strategic objective of improving business*  
18 *practices with efficiency and accountability.*

19 (b) *ADDITIONAL REQUIREMENTS FOR SEMIANNUAL*  
20 *BRIEFING ON THE FINANCIAL IMPROVEMENT AND AUDIT*  
21 *REMEDIATION PLAN.*—Section 252(b)(2) of title 10, United  
22 States Code, is amended by adding at the end the following  
23 new sentence: “Such briefing shall include the amount of  
24 auditing and audit remediation services being performed  
25 by professionals meeting the qualifications described in sec-  
26 tion 254(b) of this title, both as an absolute number and

1 *as a percentage of auditing and audit remediation services*  
2 *then under contract.”.*

3 (c) *ADDITIONAL REPORTING REQUIREMENTS.—Sec-*  
4 *tion 252(b)(1) of such title is amended—*

5 (1) *in subparagraph (B), by adding at the end*  
6 *the following new clauses:*

7 “(vii) *If less than 50 percent of the au-*  
8 *ditting and audit remediation services under*  
9 *contract, as described in the briefing re-*  
10 *quired under paragraph (2), are being per-*  
11 *formed by professionals meeting the quali-*  
12 *fications described in section 254(b) of this*  
13 *title, a detailed description of the risks asso-*  
14 *ciated with the risks of the acquisition*  
15 *strategy of the Department with respect to*  
16 *conducting audits and audit remediation*  
17 *activities and an explanation of how the*  
18 *strategy complies with the policies expressed*  
19 *by Congress.*

20 “(viii) *If less than 25 percent of the*  
21 *auditing and audit remediation services*  
22 *under contract, as described in the briefing*  
23 *required under paragraph (2), are being*  
24 *performed by professionals meeting the*  
25 *qualifications described in section 254(b) of*

1           *this title, a written certification that the*  
2           *staffing ratio complies with commercial best*  
3           *practices and presents no increased risk of*  
4           *delay in the Department’s ability to achieve*  
5           *a clean audit opinion”; and*

6           (2) *by adding at the end the following new sub-*  
7           *paragraph:*

8                     “(C) *ADDITIONAL REQUIREMENTS.—*

9                             “(i) *UNCLASSIFIED FORM.—A descrip-*  
10                            *tion submitted pursuant to clause (vii) of*  
11                            *subparagraph (B) or a certification sub-*  
12                            *mitted pursuant to clause (viii) of such sub-*  
13                            *paragraph shall be submitted in unclassi-*  
14                            *fied form, but may contain a classified*  
15                            *annex.*

16                           “(ii) *DELEGATION.—The Secretary*  
17                            *may not delegate the submission of a certifi-*  
18                            *cation pursuant to clause (viii) of subpara-*  
19                            *graph (B) to any official other than the*  
20                            *Deputy Secretary of Defense, the Chief*  
21                            *Management Officer, or the Under Sec-*  
22                            *retary of Defense (Comptroller).”.*



1 **SEC. 1003. AUTHORITY TO TRANSFER FUNDS TO DIRECTOR**  
 2 **OF NATIONAL INTELLIGENCE FOR CAPNET.**

3 *During fiscal year 2019, the Secretary of Defense may*  
 4 *transfer to the Director of National Intelligence, under the*  
 5 *authority in section 1001 of this Act, an amount that does*  
 6 *not exceed \$2,000,000 to provide support for the operation*  
 7 *of the classified network known as CAPNET.*

8 **SEC. 1004. INDEPENDENT PUBLIC ACCOUNTANT AUDIT OF**  
 9 **FINANCIAL SYSTEMS OF THE DEPARTMENT**  
 10 **OF DEFENSE.**

11 *The Secretary of Defense shall ensure that each major*  
 12 *implementation of, or modification to, a financial system*  
 13 *of the Department of Defense is reviewed by an independent*  
 14 *public accountant to validate that such financial system*  
 15 *will meet any applicable Federal requirements.*

16 ***Subtitle B—Counterdrug Activities***

17 **SEC. 1011. DEPARTMENT OF DEFENSE SUPPORT FOR COM-**  
 18 **BATING OPIOID TRAFFICKING AND ABUSE.**

19 *(a) FINDINGS; SENSE OF CONGRESS.—*

20 *(1) FINDINGS.—Congress makes the following*  
 21 *findings:*

22 *(A) Over the past 15 years, opioid use in*  
 23 *the United States has grown exponentially.*

24 *(B) According to the Office of National*  
 25 *Drug Control Policy, the number of deaths re-*

1           *lated to opioids in the United States in 2016*  
2           *was 42,269.*

3           *(C) Addiction and misuse of prescription*  
4           *opioids continues to rise. According to the Office*  
5           *of National Drug Control Policy, in 2016,*  
6           *11,500,000 people misused prescription opioids.*

7           *(D) The predominant amount of precursors*  
8           *for fentanyl production are illicitly trafficked*  
9           *from China.*

10          *(E) The Office of National Drug Control*  
11          *Policy is the lead agency for coordinating the*  
12          *Federal response to address the opioid epidemic*  
13          *in the United States.*

14          *(F) The Department of Homeland Security*  
15          *is the lead Federal agency in securing United*  
16          *States borders from illicit trafficking.*

17          *(G) The Department of Defense plays a*  
18          *vital supporting role in addressing the opioid*  
19          *epidemic through intelligence analysis, edu-*  
20          *cation, and assistance to other departments and*  
21          *agencies in dealing with this challenge.*

22          *(2) SENSE OF CONGRESS.—It is the sense of*  
23          *Congress that—*

1           (A) the Department of Defense should pro-  
 2           vide support for interagency efforts to combat the  
 3           national opioid epidemic; and

4           (B) the role of the Department of Defense is  
 5           critical to identifying transnational criminal or-  
 6           ganizations that allow illicit opioids to enter the  
 7           United States.

8           (b) DEPARTMENT OF DEFENSE SUPPORT FOR COM-  
 9           BATING OPIOID TRAFFICKING AND ABUSE.—Of the funds  
 10          authorized to be appropriated by this Act or otherwise made  
 11          available to the Department of Defense for National Guard  
 12          counterdrug programs for fiscal year 2019, \$20,000,000  
 13          shall be made available to provide support for United States  
 14          interagency efforts to combat opioid trafficking and abuse  
 15          in the United States, as specified in the funding table in  
 16          Division D.

17           ***Subtitle C—Naval Vessels and***  
 18           ***Shipyards***

19          ***SEC. 1021. INCLUSION OF OPERATION AND SUSTAINMENT***  
 20                   ***COSTS IN ANNUAL NAVAL VESSEL CONSTRUC-***  
 21                   ***TION PLANS.***

22          Section 231(b)(2) of title 10, United States Code, is  
 23          amended by adding at the end the following new subpara-  
 24          graph:

1           “(F) *The estimated operations and sustainment*  
 2           *costs required to support the vessels delivered under*  
 3           *the naval vessel construction plan.*”.

4   **SEC. 1022. PURCHASE OF VESSELS USING FUNDS IN NA-**  
 5           **TIONAL DEFENSE SEALIFT FUND.**

6           (a) *IN GENERAL.*—Section 2218(f)(3) of title 10,  
 7   *United States Code, is amended—*

8                 (1) *in subparagraph (C)—*

9                         (A) *by striking “two” and inserting “ten”;*

10                        *and*

11                        (B) *by striking “ships” and inserting “ves-*  
 12                        *sels”;*

13                 (2) *by redesignating subparagraph (E) as sub-*  
 14                 *paragraph (F); and*

15                 (3) *by inserting after subparagraph (D) the fol-*  
 16                 *lowing new subparagraph (E):*

17                 “(E) *The Secretary may not use the authority under*  
 18                 *this paragraph to procure more than two foreign con-*  
 19                 *structed vessels unless the Secretary submits to Congress,*  
 20                 *by not later than the second week of February of the fiscal*  
 21                 *year during which the Secretary plans to use such author-*  
 22                 *ity, a certification that—*

23                        “(i) *the Secretary has initiated an acquisition*  
 24                        *strategy for the construction in United States ship-*  
 25                        *yards of not less than ten new sealift vessels pur-*

1        *chased with funds in the National Defense Sealift*  
 2        *Fund; and*

3                *“(ii) of such new sealift vessels, the lead ship is*  
 4        *anticipated to be delivered by not later than 2026.”.*

5        *(b) LIMITATION ON USE OF FUNDS.—Of the amounts*  
 6        *authorized to be appropriated or otherwise made available*  
 7        *by this Act for fiscal year 2019 for the Military Sealift*  
 8        *Command, the Secretary of the Navy may not obligate or*  
 9        *expend more than 75 percent until the Secretary submits*  
 10       *to the congressional defense committees certification that the*  
 11       *Navy has—*

12                *(1) entered into a contract for the procurement*  
 13        *of two used National Defense Reserve Fleet vessels in*  
 14        *accordance with section 2218(f)(3)(C) of title 10,*  
 15        *United States Code; and*

16                *(2) completed the capability development docu-*  
 17        *ment for the common hull multi-mission platform.*

18       **SEC. 1023. PURCHASE OF VESSELS BUILT IN FOREIGN SHIP-**  
 19                        **YARDS WITH FUNDS IN NATIONAL DEFENSE**  
 20                        **SEALIFT FUND.**

21        *Section 2218(f)(3) of title 10, United States Code, as*  
 22        *amended by section 1022, is further amended—*

23                *(1) in subparagraph (F), as redesignated by such*  
 24        *section 1022—*

1           (A) by striking “30 days after” and insert-  
2           ing “30 days before”;

3           (B) in clause (i), by inserting “proposed”  
4           before “date”;

5           (C) in clause (ii), by striking “was” and  
6           inserting “would be”; and

7           (D) by adding at the end the following new  
8           clause:

9           “(viii) A detailed account of the criteria used to  
10          make the determination under subparagraph (B).”;  
11          and

12          (2) by inserting after subparagraph (F), as so  
13          redesignated, the following new subparagraph:

14          “(G) The Secretary may not finalize or execute the  
15          final purchase of any vessel using the authority under this  
16          paragraph until 30 days after the date on which a report  
17          under subparagraph (E) is submitted with respect to such  
18          purchase.”.

19   **SEC. 1024. TECHNICAL CORRECTIONS AND CLARIFICATIONS**  
20                           **TO CHAPTER 633 OF TITLE 10, UNITED STATES**  
21                           **CODE, AND OTHER PROVISIONS OF LAW RE-**  
22                           **GARDING NAVAL VESSELS.**

23          (a) *MODEL BASIN; INVESTIGATION OF HULL DE-*  
24          *SIGNS.*—Section 7303 of title 10, United States Code, is

1 *amended by striking “(a) An office” and all that follows*  
 2 *through “(b) The Secretary” and inserting “The Secretary”.*

3 *(b) REPEAL OF CERTAIN PROVISIONS OF CHAPTER*  
 4 *633 OF TITLE 10, UNITED STATES CODE.—*

5 *(1) IN GENERAL.—The following sections of*  
 6 *chapter 633 of title 10, United States Code, are re-*  
 7 *pealed:*

8 *(A) Section 7294.*

9 *(B) Section 7295.*

10 *(C) Section 7300.*

11 *(D) Section 7306.*

12 *(E) Section 7306b.*

13 *(2) CLERICAL AMENDMENTS.—The table of sec-*  
 14 *tions at the beginning of such chapter is amended by*  
 15 *striking the items relating to sections 7294, 7295,*  
 16 *7300, 7306, and 7306b.*

17 *(c) OTHER PROVISIONS OF LAW.—*

18 *(1) REPEAL OF METERING OF NAVY PIERS TO AC-*  
 19 *CURATELY MEASURE ENERGY CONSUMPTION.—Section*  
 20 *2828 of the National Defense Authorization Act for*  
 21 *Fiscal Year 2012 (Public Law 112-81; 125 Stat.*  
 22 *1694; 10 U.S.C. 7291 note) is repealed.*

23 *(2) MODIFICATION OF ADVANCE PROCUREMENT*  
 24 *FUNDING.—Section 124 of the National Defense Au-*  
 25 *thorization Act for Fiscal Year 2010 (Public Law*

1       111–84; 123 Stat. 2214; 10 U.S.C. 7291 note) is  
2       amended—

3               (A) by striking subsection (a); and

4               (B) by redesignating subsections (b) and (c)  
5       as subsections (a) and (b), respectively.

6               (3) *REPEAL OF POLICY RELATING TO MAJOR*  
7       *COMBATANT VESSELS OF THE STRIKE FORCES OF THE*  
8       *UNITED STATES NAVY.*—Section 1012 of the *National*  
9       *Defense Authorization Act for Fiscal Year 2008 (Pub-*  
10      *lic Law 110–181; 122 Stat. 303; 10 U.S.C. 7291 note)*  
11      *is repealed.*

12              (4) *REPEAL OF ALTERNATIVE TECHNOLOGIES*  
13      *FOR FUTURE SURFACE COMBATANTS.*—Section 128 of  
14      *the John Warner National Defense Authorization Act*  
15      *for Fiscal Year 2007 (Public Law 109–364; 120 Stat.*  
16      *2109; 10 U.S.C. 7291 note) is repealed.*

17              (5) *REPEAL OF OBSOLETE PROVISION ON VESSEL*  
18      *SCRAPPING PILOT PROGRAM.*—Section 8124 of the *De-*  
19      *partment of Defense Appropriations Act, 1999 (Public*  
20      *Law 105–262; 112 Stat. 2333; 10 U.S.C. 7291 note)*  
21      *is repealed.*

22              (6) *REPEAL OF PROVISION ON CONSIDERATION*  
23      *OF VESSEL LOCATION FOR AWARD OF LAYBERTH CON-*  
24      *TRACTS FOR SEALIFT VESSELS.*—Section 375 of the  
25      *National Defense Authorization Act for Fiscal Year*



1       1993 (Public Law 102-484; 106 Stat. 2385; 10  
2       U.S.C. 7291 note) is repealed.

3               (7) *REPEAL OF PROVISION ON REVITALIZATION*  
4       *OF UNITED STATES SHIPBUILDING INDUSTRY.*—*Sec-*  
5       *tion 1031 of the National Defense Authorization Act*  
6       *for Fiscal Year 1993 (Public Law 102-484; 106 Stat.*  
7       *2489; 10 U.S.C. 7291 note) is repealed.*

8               (8) *REPEAL OF FAST SEALIFT PROGRAM.*—

9               (A) *PROCUREMENT OF SHIPS.*—*Section*  
10       *1021 of the National Defense Authorization Act*  
11       *for Fiscal Year 1993 (Public Law 102-484; 106*  
12       *Stat. 2485; 10 U.S.C. 7291 note) is repealed.*

13              (B) *ESTABLISHMENT OF PROGRAM.*—*Sec-*  
14       *tion 1424 of the National Defense Authorization*  
15       *Act for Fiscal Year 1991 (Public Law 101-510;*  
16       *104 Stat. 1683; 10 U.S.C. 7291 note) is repealed.*

17              (9) *REPEAL OF REQUIREMENTS RELATING TO*  
18       *DEPOT-LEVEL MAINTENANCE OF SHIPS.*—*Section 1614*  
19       *of the National Defense Authorization Act for Fiscal*  
20       *Years 1990 and 1991 (Public Law 101-189; 103 Stat.*  
21       *1601; 10 U.S.C. 7291 note) is amended by striking*  
22       *subsections (a) and (b).*

23              (10) *REPEAL OF OBSOLETE REQUIREMENT FOR*  
24       *REPORTS ON EFFECTS OF NAVAL SHIPBUILDING*  
25       *PLANS ON MARITIME INDUSTRIES.*—*Section 1227 of*

1     *the National Defense Authorization Act for Fiscal*  
 2     *Year 1989 (Public Law 100–456; 102 Stat. 2055; 10*  
 3     *U.S.C. 7291 note) is repealed.*

4             (11) *REPEAL OF SIX-HUNDRED-SHIP GOAL FOR*  
 5     *NAVY; SENSE OF CONGRESS.—Section 791 of the De-*  
 6     *partment of Defense Appropriations Act, 1982 (Public*  
 7     *Law 97–114; 95 Stat. 1593; 10 U.S.C. 7291 note) is*  
 8     *repealed.*

9             (12) *REPEAL OF PROHIBITION ON USE OF PUB-*  
 10    *LIC AND PRIVATE SHIPYARDS FOR CONVERSION, OVER-*  
 11    *HAUL, OR REPAIR WORK UNDER CERTAIN PRO-*  
 12    *GRAMS.—Section 811 of the Department of Defense*  
 13    *Appropriations Act, 1979 (Public Law 95–485; 92*  
 14    *Stat. 1624; 10 U.S.C. 7291 note) is repealed.*

15            (13) *REPEAL OF OBSOLETE REQUIREMENT TO*  
 16    *SUBMIT A FIVE-YEAR NAVAL SHIP NEW CONSTRUCTION*  
 17    *AND CONVERSION PROGRAM.—Section 808 of the De-*  
 18    *partment of Defense Authorization Act, 1976 (Public*  
 19    *Law 94–106; 89 Stat. 539; 10 U.S.C. 7291 note) is*  
 20    *repealed.*

21    **SEC. 1025. RETENTION OF NAVY HOSPITAL SHIP CAPA-**  
 22                **BILITY.**

23            (a) *RETENTION OF SHIPS.—The Secretary of the Navy*  
 24    *shall retain two T-AH 19 Mercy-class hospital ships at a*  
 25    *readiness level that provides for the activation and deploy-*

1 *ment of each such ship within a period that does not exceed*  
 2 *5 days.*

3 *(b) WAIVER AUTHORITY.—The Secretary of the Navy*  
 4 *may waive the requirement under subsection (a) if the Sec-*  
 5 *retary submits to the congressional defense committees cer-*  
 6 *tification in writing that the Secretary has—*

7 *(1) for any T-AH 19 Mercy-class hospital ship*  
 8 *to be retired or transferred, identified a replacement*  
 9 *capability to meet the combatant commander afloat*  
 10 *medical capability for medical and surgical care that*  
 11 *is being met by the ship to be retired or transferred;*  
 12 *and*

13 *(2) achieved the initial operational capability of*  
 14 *the replacement capability described in paragraph*  
 15 *(1).*

## 16 ***Subtitle D—Counterterrorism***

### 17 ***SEC. 1031. DEFINITION OF SENSITIVE MILITARY OPER-*** 18 ***ATION.***

19 *Subsection (d) of section 130f of title 10, United States*  
 20 *Code, is amended to read as follows:*

21 *“(d) SENSITIVE MILITARY OPERATION DEFINED.—(1)*  
 22 *Except as provided in paragraph (2), in this section, the*  
 23 *term ‘sensitive military operation’ means a lethal operation*  
 24 *or capture operation conducted by the armed forces or con-*

1 *ducted by a foreign partner in coordination with the armed*  
2 *forces that targets a specific individual or individuals.*

3 “(2) *For purposes of this section, the term ‘sensitive*  
4 *military operation’ does not include any operation con-*  
5 *ducted within Afghanistan.’.*”

6 ***SEC. 1032. PROHIBITION ON USE OF FUNDS FOR TRANSFER***  
7 ***OR RELEASE OF INDIVIDUALS DETAINED AT***  
8 ***UNITED STATES NAVAL STATION, GUANTA-***  
9 ***NAMO BAY, CUBA, TO THE UNITED STATES.***

10 *No amounts authorized to be appropriated or otherwise*  
11 *made available for the Department of Defense may be used*  
12 *during the period beginning on the date of the enactment*  
13 *of this Act and ending on December 31, 2019, to transfer,*  
14 *release, or assist in the transfer of or release to or within*  
15 *the United States, its territories, or possessions Khalid*  
16 *Sheikh Mohammed or any other detainee who—*

17 *(1) is not a United States citizen or a member*  
18 *of the Armed Forces of the United States; and*

19 *(2) is or was held on or after January 20, 2009,*  
20 *at United States Naval Station, Guantanamo Bay,*  
21 *Cuba, by the Department of Defense.*

1 **SEC. 1033. PROHIBITION ON USE OF FUNDS TO CONSTRUCT**  
2 **OR MODIFY FACILITIES IN THE UNITED**  
3 **STATES TO HOUSE DETAINEES TRANS-**  
4 **FERRED FROM UNITED STATES NAVAL STA-**  
5 **TION, GUANTANAMO BAY, CUBA.**

6 (a) *IN GENERAL.*—No amounts authorized to be ap-  
7 propriated or otherwise made available for the Department  
8 of Defense may be used during the period beginning on the  
9 date of the enactment of this Act and ending on December  
10 31, 2019, to construct or modify any facility in the United  
11 States, its territories, or possessions to house any individual  
12 detained at Guantanamo for the purposes of detention or  
13 imprisonment in the custody or under the control of the  
14 Department of Defense.

15 (b) *EXCEPTION.*—The prohibition in subsection (a)  
16 shall not apply to any modification of facilities at United  
17 States Naval Station, Guantanamo Bay, Cuba.

18 (c) *INDIVIDUAL DETAINED AT GUANTANAMO DE-*  
19 *FINED.*—In this section, the term “individual detained at  
20 Guantanamo” has the meaning given that term in section  
21 1034(f)(2) of the National Defense Authorization Act for  
22 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10  
23 U.S.C. 801 note).

1 **SEC. 1034. PROHIBITION ON USE OF FUNDS FOR TRANSFER**  
 2 **OR RELEASE OF INDIVIDUALS DETAINED AT**  
 3 **UNITED STATES NAVAL STATION, GUANTA-**  
 4 **NAMO BAY, CUBA, TO CERTAIN COUNTRIES.**

5 *No amounts authorized to be appropriated or otherwise*  
 6 *made available for the Department of Defense may be used*  
 7 *during the period beginning on the date of the enactment*  
 8 *of this Act and ending on December 31, 2019, to transfer,*  
 9 *release, or assist in the transfer or release of any individual*  
 10 *detained in the custody or under the control of the Depart-*  
 11 *ment of Defense at United States Naval Station, Guanta-*  
 12 *namo Bay, Cuba, to the custody or control of any country,*  
 13 *or any entity within such country, as follows:*

- 14 (1) *Libya.*  
 15 (2) *Somalia.*  
 16 (3) *Syria.*  
 17 (4) *Yemen.*

18 ***Subtitle E—Miscellaneous***  
 19 ***Authorities and Limitations***

20 **SEC. 1041. NOTIFICATION ON THE PROVISION OF DEFENSE**  
 21 **SENSITIVE SUPPORT.**

22 *Section 1055 of the National Defense Authorization*  
 23 *Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.*  
 24 *113 note) is amended—*

- 25 (1) *in subsection (a)—*

1           (A) in paragraph (1), by striking “; and”  
2           and inserting a semicolon;

3           (B) in paragraph (2)(B), by striking the pe-  
4           riod at the end and inserting a semicolon; and

5           (C) by adding at the end the following new  
6           paragraphs:

7           “(3) is requested by the non-Department of De-  
8           fense Federal department or agency only after the de-  
9           partment or agency has first reasonably attempted to  
10          use the resources of that department or agency to ac-  
11          complish the mission for which the department or  
12          agency is making such request; and

13          “(4) is most appropriately provided by the De-  
14          partment of Defense rather than another department  
15          or agency of the Federal Government.”; and

16          (2) in subsection (b), by adding at the end the  
17          following new paragraph:

18          “(4) REVERSE DEFENSE SENSITIVE SUPPORT RE-  
19          QUEST.—The Secretary shall notify the congressional  
20          defense committees (and the congressional intelligence  
21          committees with respect to matters relating to mem-  
22          bers of the intelligence community) of requests made  
23          by the Secretary to a non-Department of Defense Fed-  
24          eral department or agency for support that requires  
25          special protection from disclosure in the same manner

1       *and containing the same information as the Secretary*  
 2       *notifies such committees of defense sensitive support*  
 3       *requests under paragraphs (1) and (3).”.*

4   **SEC. 1042. COORDINATING UNITED STATES RESPONSE TO**  
 5               **MALIGN FOREIGN INFLUENCE OPERATIONS**  
 6               **AND CAMPAIGNS.**

7       *(a) IN GENERAL.—Section 101 of the National Secu-*  
 8       *rity Act of 1947 (50 U.S.C. 3021) is amended—*

9               *(1) in subsection (b)—*

10               *(A) in paragraph (2), by striking “and” at*  
 11       *the end;*

12               *(B) in paragraph (3), by striking the period*  
 13       *and inserting “; and”; and*

14               *(C) by adding at the end the following new*  
 15       *paragraph:*

16               *“(4) coordinate, without assuming operational*  
 17       *authority, the United States Government response to*  
 18       *malign foreign influence operations and campaigns.”;*  
 19       *and*

20               *(2) by adding at the end the following new sub-*  
 21       *sections:*

22               **“(g) COORDINATOR FOR COMBATING MALIGN FOREIGN**  
 23       **INFLUENCE OPERATIONS AND CAMPAIGNS.—**

24               **“(1) IN GENERAL.—The President shall designate**  
 25       **an employee of the National Security Council to be**



1       *responsible for the coordination of the interagency*  
2       *process for combating malign foreign influence oper-*  
3       *ations and campaigns.*

4           “(2) CONGRESSIONAL BRIEFING.—

5               “(A) IN GENERAL.—*Not less frequently than*  
6               *twice each year, the employee designated under*  
7               *this subsection shall provide to the congressional*  
8               *committees specified in subparagraph (B) a*  
9               *briefing on the responsibilities and activities of*  
10              *the individual under this subsection.*

11              “(B) COMMITTEES SPECIFIED.—*The con-*  
12              *gressional committees specified in this subpara-*  
13              *graph are the following:*

14                      “(i) *The Committees on Armed Serv-*  
15                      *ices, Foreign Affairs, and Oversight and*  
16                      *Government Reform, and the Permanent*  
17                      *Select Committee on Intelligence of the*  
18                      *House of Representatives.*

19                      “(ii) *The Committees on Armed Serv-*  
20                      *ices, Foreign Relations, and Homeland Se-*  
21                      *curity and Governmental Affairs, and the*  
22                      *Select Committee on Intelligence of the Sen-*  
23                      *ate.*

24           “(h) DEFINITION OF MALIGN FOREIGN INFLUENCE  
25       *OPERATIONS AND CAMPAIGNS.—In this section, the term*

1 *‘malign foreign influence operations and campaigns’ means*  
2 *the coordinated, integrated, and synchronized application*  
3 *of national diplomatic, informational, military, economic,*  
4 *business, corruption, educational, and other capabilities by*  
5 *hostile foreign powers to foster attitudes, behaviors, deci-*  
6 *sions, or outcomes within the United States.”.*

7 (b) *STRATEGY.—*

8 (1) *IN GENERAL.—Not later than 9 months after*  
9 *the date of the enactment of this Act, the President,*  
10 *acting through the National Security Council, shall*  
11 *submit to the congressional committees specified in*  
12 *paragraph (2) a strategy to counter malign foreign*  
13 *influence operations and campaigns (as such term is*  
14 *defined in section 101(h) of the National Security Act*  
15 *of 1947 (50 U.S.C. 3021), as added by subsection (a)).*

16 (2) *COMMITTEES SPECIFIED.—The congressional*  
17 *committees specified in this paragraph are the fol-*  
18 *lowing:*

19 (A) *The Committees on Armed Services,*  
20 *Foreign Affairs, and Oversight and Government*  
21 *Reform, and the Permanent Select Committee on*  
22 *Intelligence of the House of Representatives.*

23 (B) *The Committees on Armed Services,*  
24 *Foreign Relations, and Homeland Security and*

1           *Governmental Affairs, and the Select Committee*  
2           *on Intelligence of the Senate.*

3   **SEC. 1043. WORKFORCE ISSUES FOR MILITARY REALIGN-**  
4           **MENTS IN THE PACIFIC.**

5           *Section 6(b)(1) of the Joint Resolution entitled “A*  
6   *Joint Resolution to approve the ‘Covenant To Establish a*  
7   *Commonwealth of the Northern Mariana Islands in Polit-*  
8   *ical Union With the United States of America’, and for*  
9   *other purposes”, approved March 24, 1976 (48 U.S.C.*  
10   *1806(b)(1)) is amended—*

11           *(1) in subparagraph (A), by striking “during the*  
12       *transition program” and inserting “during the period*  
13       *beginning on the transition program effective date*  
14       *and ending on the later of September 30, 2020, or the*  
15       *last day of the transition period”;*

16           *(2) by amending subparagraph (B) to read as*  
17       *follows:*

18           *“(B) H-2B WORKERS.—In the case of an*  
19       *alien described in subparagraph (A) who seeks*  
20       *admission under section 101(a)(15)(H)(ii)(b) of*  
21       *the Immigration and Nationality Act (8 U.S.C.*  
22       *1101(a)(15)(H)(ii)(b)), the alien, if otherwise*  
23       *qualified, may, before the later of December 31,*  
24       *2023, or the last day of the transition period, be*  
25       *admitted under such section, notwithstanding the*

1        *requirement of such section that the service or*  
2        *labor be temporary, for a period of up to 3*  
3        *years—*

4                *“(i) to perform service or labor on*  
5                *Guam or in the Commonwealth pursuant to*  
6                *any agreement entered into by a prime con-*  
7                *tractor or subcontractor calling for services*  
8                *or labor required for performance of a con-*  
9                *tact or subcontract for construction, repairs,*  
10               *renovations, or facility services that is di-*  
11               *rectly connected to, or associated with, the*  
12               *military realignment occurring on Guam*  
13               *and in the Commonwealth; or*

14               *“(ii) to perform service or labor as a*  
15               *health care worker (such as a nurse, physi-*  
16               *cian assistant, or allied health professional)*  
17               *on Guam or in the Commonwealth, subject*  
18               *to the education, training, licensing, and*  
19               *other requirements of section 212(a)(5)(C)*  
20               *of the Immigration and Nationality Act (8*  
21               *U.S.C. 1182(a)(5)(C)), as applicable, except*  
22               *that this clause shall not be construed to in-*  
23               *clude graduates of medical schools coming*  
24               *to Guam or the Commonwealth to perform*

1           *service or labor as members of the medical*  
 2           *profession.”; and*

3           *(3) by adding at the end the following:*

4           “(C) *RETURNING WORKERS.*—*After the end*  
 5           *of the period described in subparagraph (A), any*  
 6           *alien who was admitted to Guam or the Com-*  
 7           *monwealth pursuant to subparagraph (A) or (B)*  
 8           *may again seek admission to Guam or the Com-*  
 9           *monwealth under section 101(a)(15)(H)(ii)(b) of*  
 10           *the Immigration and Nationality Act (8 U.S.C.*  
 11           *1101(a)(15)(H)(ii)(b)) without being counted to-*  
 12           *ward the numerical limitation of section*  
 13           *214(g)(1)(B) of such Act (8 U.S.C.*  
 14           *1184(g)(1)(B)). Such an alien shall be consid-*  
 15           *ered to be a returning worker subject to subpara-*  
 16           *graphs (B) and (C) of section 214(g)(9) of such*  
 17           *Act (8 U.S.C. 1184(g)(9)). An alien may be con-*  
 18           *sidered to be a returning worker under this sub-*  
 19           *paragraph only once.”.*

20   **SEC. 1044. MITIGATION OF OPERATIONAL RISKS POSED TO**  
 21           **CERTAIN MILITARY AIRCRAFT BY AUTOMATIC**  
 22           **DEPENDENT       SURVEILLANCE-BROADCAST**  
 23           **EQUIPMENT.**

24           *(a) IN GENERAL.*—*The Secretary of Transportation*  
 25           *may not—*

1           (1) *directly or indirectly require the installation*  
2           *of automatic dependent surveillance-broadcast (here-*  
3           *inafter in this section referred to as “ADS-B”) equip-*  
4           *ment on fighter aircraft, bomber aircraft, or other*  
5           *special mission aircraft owned or operated by the De-*  
6           *partment of Defense;*

7           (2) *deny or reduce air traffic control services in*  
8           *United States airspace or international airspace dele-*  
9           *gated to the United States to any aircraft described*  
10          *in paragraph (1) on the basis that such aircraft is*  
11          *not equipped with ADS-B equipment; or*

12          (3) *restrict or limit airspace access for aircraft*  
13          *described in paragraph (1) on the basis such aircraft*  
14          *are not equipped with ADS-B equipment.*

15          (b) *TERMINATION.*—*Subsection (a) shall cease to be ef-*  
16          *fective on the date that the Secretary of Transportation and*  
17          *the Secretary of Defense jointly submit to the appropriate*  
18          *congressional committees notice that the Secretaries have*  
19          *entered into a memorandum of agreement or other similar*  
20          *agreement providing that fighter aircraft, bomber aircraft,*  
21          *and other special mission aircraft owned or operated by the*  
22          *Department of Defense that are not equipped or not yet*  
23          *equipped with ADS-B equipment will be reasonably accom-*  
24          *modated for safe operations in the National Airspace Sys-*  
25          *tem and provided with necessary air traffic control services.*

1       (c) *RULE OF CONSTRUCTION.*—*Nothing in this section*  
2 *may be construed to—*

3           (1) *vest in the Secretary of Defense any author-*  
4 *ity of the Secretary of Transportation or the Admin-*  
5 *istrator of the Federal Aviation Administration under*  
6 *title 49, United States Code, or any other provision*  
7 *of law;*

8           (2) *vest in the Secretary of Transportation or the*  
9 *Administrator of the Federal Aviation Administra-*  
10 *tion any authority of the Secretary of Defense under*  
11 *title 10, United States Code, or any other provision*  
12 *of law; or*

13          (3) *limit the authority or discretion of the Sec-*  
14 *retary of Transportation or the Administrator of the*  
15 *Federal Aviation Administration to operate air traf-*  
16 *fic control services to ensure the safe minimum sepa-*  
17 *ration of aircraft in flight and the efficient use of air-*  
18 *space.*

19       (d) *NOTIFICATION REQUIREMENT.*—*The Secretary of*  
20 *Defense shall provide to the Secretary of Transportation no-*  
21 *tification of any aircraft the Secretary of Defense designates*  
22 *as a special mission aircraft pursuant to subsection (e)(3).*

23       (e) *DEFINITIONS.*—*In this section:*

24           (1) *The term “appropriate congressional com-*  
25 *mittees” means the congressional defense committees,*

(3) *The term “special mission aircraft” means an aircraft the Secretary of Defense designates for a unique mission to which ADS-B equipment creates a unique risk.*

(a) *LIMITATION.*—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Defense for the strategic capabilities office ghost fleet overlord unmanned surface vehicle program may be obligated or expended until the Undersecretary of Defense for Research and Engineering, in coordination with the Secretary of the Navy, certifies to the congressional defense committees that—



1           (1) *such project accelerates development of the fu-*  
2           *ture unmanned surface vehicle program of the Navy;*

3           (2) *the Commander of the Naval Sea Systems*  
4           *Command has been designated as the contracting offi-*  
5           *cer for such project; and*

6           (3) *the desired procurement strategy for the ghost*  
7           *fleet overlord project is properly coordinated and not*  
8           *duplicative of the unmanned surface vehicle sea hun-*  
9           *ter program of the Navy.*

10          (b) *RULE OF CONSTRUCTION.—The limitation in sub-*  
11          *section (a) shall not be construed to apply to any other un-*  
12          *manned surface vehicle program of the Department of De-*  
13          *fense other than the program element specified in such sub-*  
14          *section.*

15          **SEC. 1046. PROGRAM FOR DEPARTMENT OF DEFENSE CON-**  
16                               **TROLLED UNCLASSIFIED INFORMATION IN**  
17                               **THE HANDS OF INDUSTRY.**

18          (a) *IN GENERAL.—The Secretary of Defense shall es-*  
19          *tablish and implement a foreign ownership, control, or in-*  
20          *fluence program for Department of Defense controlled un-*  
21          *classified information in the hands of industry. The Sec-*  
22          *retary may designate an entity or individual within the*  
23          *Department to take responsibility for such controlled un-*  
24          *classified information and the oversight of the program.*

1       (b) *PROGRAM REQUIREMENTS.*—Under the program  
2       required by subsection (a), the Secretary shall require that  
3       prior to any company receiving controlled unclassified in-  
4       formation or classified information, or becoming a cleared  
5       defense contractor—

6               (1) the company shall report to the Secretary  
7       any foreign—

8                       (A) direction or controlling interest of the  
9       company; or

10                      (B) access to intellectual property relating  
11       to classified information or controlled unclassi-  
12       fied information; and

13               (2) the Secretary shall determine if, on the basis  
14       of information reported under paragraph (1), the  
15       company should receive such information, including  
16       if risk to the national security can be mitigated and  
17       how such mitigation would be enforced.

18 **SEC. 1047. PROTECTION OF EMERGING AND**  
19 **FOUNDATIONAL TECHNOLOGIES.**

20       (a) *LIST.*—The Secretary of Defense shall establish and  
21       maintain a list of emerging and foundational technologies  
22       that are necessary for maintaining the national security  
23       technological advantage of the United States over foreign  
24       countries of special concern, as determined by the Secretary.

1       (b) *TECHNOLOGY PROTECTION.*—*The Secretary shall*  
 2 *use the list under subsection (a) to inform activities carried*  
 3 *out by the Secretary relating to technology protection, in-*  
 4 *cluding under interagency processes conducted pursuant to*  
 5 *Federal law.*

## 6       ***Subtitle F—Studies and Reports***

### 7       ***SEC. 1051. ADDITIONAL MATTER FOR INCLUSION IN AN-*** 8                               ***NUAL REPORT ON CIVILIAN CASUALTIES IN*** 9                               ***CONNECTION WITH UNITED STATES MILI-*** 10                              ***TARY OPERATIONS.***

11       *Section 1057(b)(2) of the National Defense Authoriza-*  
 12 *tion Act for Fiscal Year 2018 (Public Law 115–91) is*  
 13 *amended by adding at the end the following new subpara-*  
 14 *graph:*

15                           “(F) *A description of any ex gratia pay-*  
 16                           *ments made in connection with such casualties.*”.

### 17       ***SEC. 1052. DEPARTMENT OF DEFENSE REVIEW AND ASSESS-*** 18                               ***MENT ON ADVANCES IN ARTIFICIAL INTEL-*** 19                               ***LIGENCE AND MACHINE LEARNING.***

20       (a) *REVIEW REQUIRED.*—*The Secretary of Defense,*  
 21 *acting through the Defense Innovation Board and the*  
 22 *Under Secretary of Defense for Research and Engineering,*  
 23 *shall carry out a review and assessment of the advances*  
 24 *in artificial intelligence, related machine learning develop-*  
 25 *ments, and associated technologies for military applica-*

1 tions. In carrying out such review, the Secretary shall con-  
2 sider the methods and means necessary to advance the devel-  
3 opment of artificial intelligence, machine learning, and as-  
4 sociated technologies within the Department of Defense to  
5 comprehensively address the national security needs and re-  
6 quirements of the Department of Defense.

7 (b) *SCOPE OF REVIEW.*—In conducting the review  
8 under paragraph (a) the Secretary of Defense shall con-  
9 sider—

10 (1) the competitiveness of the Department of De-  
11 fense in artificial intelligence, machine learning, and  
12 other associated technologies, including matters per-  
13 taining to public-private partnerships and invest-  
14 ments;

15 (2) means and methods for the Department of  
16 Defense to maintain a technological advantage in ar-  
17 tificial intelligence, machine learning, and other asso-  
18 ciated technologies, including quantum sciences and  
19 high performance computing;

20 (3) means by which the Department of Defense  
21 can help foster greater emphasis and investments in  
22 basic and advanced research to stimulate private,  
23 public, academic, and combined initiatives in artifi-  
24 cial intelligence, machine learning, and other associ-

1        *ated technologies, including quantum sciences, and*  
2        *high performance computing;*

3            *(4) Department of Defense workforce and edu-*  
4        *cation initiatives to attract and recruit leading talent*  
5        *in artificial intelligence and machine learning, in-*  
6        *cluding science, technology, engineering, and math*  
7        *programs;*

8            *(5) means by which the Department of Defense*  
9        *may establish data standards and provide incentives*  
10       *for the sharing of open training data; and*

11           *(6) any other matters the Secretary of Defense*  
12       *determines relevant with respect to the approach of*  
13       *the Department of Defense to artificial intelligence*  
14       *and machine learning.*

15       *(c) REPORTS.—*

16           *(1) INITIAL REPORT.—Not later than 180 days*  
17       *after the date of the enactment of this Act, the Sec-*  
18       *retary of Defense shall submit to the congressional de-*  
19       *fense committees an initial report on the findings of*  
20       *the review required under subsection (a) and such rec-*  
21       *ommendations as the Secretary may have for legisla-*  
22       *tive action related to artificial intelligence, machine*  
23       *learning, and associated technologies, including rec-*  
24       *ommendations to more effectively fund and organize*  
25       *the Department of Defense.*

1           (2) *COMPREHENSIVE REPORT.*—Not later than  
2           one year after the date of the enactment of this Act,  
3           the Secretary of Defense shall submit to the congressional  
4           defense committees a comprehensive report on  
5           the review required under subsection (a).

6           (d) *DEFINITION OF ARTIFICIAL INTELLIGENCE.*—In  
7           this section, the term “artificial intelligence” includes each  
8           of the following:

9           (1) *Any artificial system that performs tasks*  
10          *under varying and unpredictable circumstances without*  
11          *significant human oversight, or that can learn*  
12          *from experience and improve performance when ex-*  
13          *posed to data sets.*

14          (2) *An artificial system developed in computer*  
15          *software, physical hardware, or other context that*  
16          *solves tasks requiring human-like perception, cog-*  
17          *nition, planning, learning, communication, or phys-*  
18          *ical action.*

19          (3) *An artificial system designed to think or act*  
20          *like a human, including cognitive architectures and*  
21          *neural networks.*

22          (4) *A set of techniques, including machine learn-*  
23          *ing, that is designed to approximate a cognitive task.*

24          (5) *An artificial system designed to act ration-*  
25          *ally, including an intelligent software agent or em-*

1        *bodied robot that achieves goals using perception,*  
2        *planning, reasoning, learning, communicating, deci-*  
3        *sionmaking, and acting.*

4    **SEC. 1053. REPORT ON JOINT ENTERPRISE DEFENSE IN-**  
5        **FRAStructure.**

6        *(a) REPORT REQUIRED.—The Secretary of Defense*  
7        *shall submit to the congressional defense committees a re-*  
8        *port on the Joint Enterprise Defense Infrastructure. Such*  
9        *report shall include each of the following:*

10            *(1) Information relating to the current composi-*  
11            *tion of the Cloud Executive Steering Group and its*  
12            *mission, objectives, goals, and strategy.*

13            *(2) A description of the characteristics and con-*  
14            *siderations for accelerating the cloud architecture and*  
15            *services required for a global, resilient, and secure in-*  
16            *formation environment to enable warfighting and*  
17            *mission command, as validated by the Joint Require-*  
18            *ments Oversight Council for the Joint Enterprise De-*  
19            *fense Infrastructure.*

20            *(3) Information relating to the approved acquisi-*  
21            *tion strategy and timeline for the Joint Enterprise*  
22            *Defense Infrastructure, including estimated migration*  
23            *costs and timelines.*

24            *(4) A description of how the approved acquisi-*  
25            *tion strategy referred to in paragraph (3) provides for*

1     *a full and open competition, enables the Department*  
2     *of Defense to continuously leverage and acquire new*  
3     *cloud computing capabilities, maintains the ability of*  
4     *the Department to leverage other cloud computing*  
5     *vendor products and services, incorporates elements to*  
6     *maintain security, and provides for the best perform-*  
7     *ance, cost, and schedule to meet the cloud architecture*  
8     *and services requirements of the Department for the*  
9     *duration of such contract.*

10           *(5) A description of the associated Joint Enter-*  
11     *prise Defense Infrastructure program office, including*  
12     *number of personnel, overhead cost, and organiza-*  
13     *tional structure.*

14           *(6) A description of the effect of the Joint Enter-*  
15     *prise Defense Infrastructure on and the relationship*  
16     *of such Infrastructure to existing cloud computing in-*  
17     *frastructure, platform, and service contracts across*  
18     *the Department of Defense, specifically the effect and*  
19     *relationship to the private cloud infrastructure of the*  
20     *Department, MilCloud 2.0 run by the Defense Infor-*  
21     *mation Systems Agency.*

22           *(7) Information relating to the most recent De-*  
23     *partment of Defense Cloud Computing Strategy and*  
24     *description of any initiatives to update such Strategy.*



1           (8) *Information relating to Department of De-*  
2       *fense guidance pertaining to cloud computing capa-*  
3       *bility or platform acquisition and standards, and a*  
4       *description of any initiatives to update such guid-*  
5       *ance.*

6           (9) *Any other matters the Secretary of Defense*  
7       *determines relevant.*

8       (b) *LIMITATION ON USE OF FUNDS.—Of the amounts*  
9       *authorized to be appropriated or otherwise made available*  
10      *by this Act for fiscal year 2019 for acquisition of services*  
11      *or associated program office support for the Joint Enter-*  
12      *prise Defense Infrastructure of the enterprise-wide Cloud*  
13      *Executive Steering Group, not more than 50 percent may*  
14      *be obligated or expended until the Secretary of Defense sub-*  
15      *mits to the congressional defense committees the report re-*  
16      *quired by subsection (a).*

17   **SEC. 1054. REPORT ON PROPOSED CONSOLIDATION OF DE-**  
18                           **PARTMENT OF DEFENSE GLOBAL MESSAGING**  
19                           **AND COUNTER MESSAGING CAPABILITIES.**

20       (a) *REPORT REQUIRED.—The Secretary of Defense*  
21      *shall submit to the congressional defense committees a re-*  
22      *port on the proposed consolidation of the global messaging*  
23      *and counter messaging (GMCM) capabilities of the Depart-*  
24      *ment of Defense. Such report shall include each of the fol-*  
25      *lowing:*

1           (1) *The justification of the Secretary for the pro-*  
2           *posed consolidation of such capabilities.*

3           (2) *The justification of the Secretary for the pro-*  
4           *posed designation of the United States Special Oper-*  
5           *ations Command as the entity responsible for estab-*  
6           *lishing the centralized GMCM capability.*

7           (3) *A description of the proposed roles and re-*  
8           *sponsibilities of the United States Special Operations*  
9           *Command as such entity.*

10          (4) *A description of the roles and responsibilities*  
11          *of the combatant commanders regarding the oper-*  
12          *ational use of the GMCM capability.*

13          (5) *The effect of the proposed consolidation of*  
14          *such capabilities on existing GMCM contracts and ca-*  
15          *pabilities.*

16          (6) *An implementation plan that includes a de-*  
17          *tailed description of the resources and other require-*  
18          *ments required for the United States Special Oper-*  
19          *ations Command to establish the centralized GMCM*  
20          *capability for the period covered by the current future*  
21          *year's defense program.*

22          (7) *A comprehensive plan for the continual as-*  
23          *essment of the effectiveness of the GMCM activities*  
24          *and programs.*

1           (8) *An identification of the anticipated effi-*  
2           *ciencies, cost savings, and operational benefits associ-*  
3           *ated with the consolidation of the GMCM capabilities.*

4           (9) *A description of any actions, activities, and*  
5           *efforts taken to implement section 1637 of the Na-*  
6           *tional Defense Authorization Act for Fiscal Year 2018*  
7           *(Public Law 115–91).*

8           (b) *LIMITATION ON USE OF FUNDS.—Not more than*  
9           *50 percent of the amounts authorized to be appropriated*  
10          *by this Act or otherwise made available for fiscal year 2019*  
11          *for the Commander of the United States Special Operations*  
12          *Command for global messaging and counter messaging may*  
13          *be obligated or expended before the date that is 30 days after*  
14          *the date on which the Secretary submits the report required*  
15          *by subsection (a).*

16   **SEC. 1055. COMPREHENSIVE REVIEW OF PROFESSIONALISM**  
17                           **AND ETHICS PROGRAMS FOR SPECIAL OPER-**  
18                           **ATIONS FORCES.**

19          (a) *REVIEW REQUIRED.—The Secretary of Defense, in*  
20          *coordination with the Secretaries of each of the military*  
21          *departments, shall conduct a comprehensive review of the*  
22          *ethics and professionalism programs of the United States*  
23          *Special Operations Command and of the military depart-*  
24          *ments for officers and other military personnel serving in*  
25          *special operations forces.*

1       (b) *ELEMENTS OF THE REVIEW.*—*The review con-*  
2 *ducted under subsection (a) shall specifically include a de-*  
3 *scription and assessment of each of the following:*

4           (1) *The culture of professionalism and ethics of*  
5 *the United States Special Operations Command and*  
6 *affiliated component commands.*

7           (2) *The ethics and professionalism programs of*  
8 *the military departments available for special oper-*  
9 *ations forces.*

10          (3) *The ethics and professionalism programs of*  
11 *the United States Special Operations Command and*  
12 *affiliated component commands.*

13          (4) *The roles and responsibilities of the military*  
14 *departments and the United States Special Oper-*  
15 *ations Command and affiliated component commands*  
16 *in administering, overseeing, managing, and ensuring*  
17 *compliance and participation of special operations*  
18 *forces in ethics and professionalism programs, includ-*  
19 *ing an identification of—*

20           (A) *gaps in the administration, oversight,*  
21 *and management of such programs and in en-*  
22 *sureing the compliance and participation in such*  
23 *programs; and*

24           (B) *additional guidance that may be re-*  
25 *quired for a systematic, integrated approach in*

1        *administering, overseeing, and managing such*  
2        *programs and in ensuring compliance with and*  
3        *participation in such programs in order to ad-*  
4        *dress issues and improve ethical culture and pro-*  
5        *fessionalism.*

6        *(5) The management and oversight framework in*  
7        *place that is designed to ensure that all ethics and*  
8        *professionalism programs available to special oper-*  
9        *ations forces meet Department standards.*

10       *(6) Tools and metrics for identifying and assess-*  
11       *ing individual and organizational ethics and profes-*  
12       *sionalism issues with respect to special operations*  
13       *forces.*

14       *(7) Tools and metrics for assessing the effective-*  
15       *ness of existing ethics and professionalism programs*  
16       *in improving or addressing individual and organiza-*  
17       *tional ethics-related and professionalism issues with*  
18       *respect to special operations forces.*

19       *(8) Additional programs or actions that may be*  
20       *required to address or improve individual and orga-*  
21       *nizational ethics and professionalism issues with re-*  
22       *spect to special operations forces.*

23       *(9) Actions to improve the oversight and ac-*  
24       *countability by senior leaders of ethics and profes-*

1       sionalism-related issues with respect to special oper-  
2       ations forces.

3       (c) *DEFINITIONS.*—*In this section:*

4               (1) *The term “ethics program” means a program*  
5       *that includes—*

6                       (A) *compliance-based ethics training, edu-*  
7       *cation, initiative, or other activity that focuses*  
8       *on adherence to rules and regulations; and*

9                       (B) *values-based ethics training, education,*  
10       *initiative, or other activity that focuses on up-*  
11       *holding a set of ethical principles in order to*  
12       *achieve high standards of conduct and incor-*  
13       *porate guiding principles to help foster an eth-*  
14       *ical culture and inform decision-making where*  
15       *rules are not clear.*

16               (2) *The term “professionalism program” means*  
17       *a program that includes training, education, initia-*  
18       *tive, or other activity that focuses on values, ethics,*  
19       *standards, code of conduct, and skills as related to the*  
20       *military profession.*

21       (d) *SUBMITTAL OF REVIEW.*—*The Secretary of Defense*  
22       *shall submit the review required by subsection (a) to the*  
23       *Committees on Armed Services of the Senate and the House*  
24       *of Representatives by not later than March 1, 2019.*

1 **SEC. 1056. MUNITIONS ASSESSMENTS AND FUTURE-YEARS**  
2 **DEFENSE PROGRAM REQUIREMENTS.**

3 (a) *REQUIRED REPORTS.*—Not later than March 1,  
4 2019, and annually thereafter, the Under Secretary of De-  
5 fense for Acquisition and Sustainment, in consultation with  
6 the Chairman of the Joint Chiefs of Staff shall submit to  
7 the congressional defense committees each of the following:

8 (1) *The most current munitions assessments, as*  
9 *defined by Department of Defense Instruction Number*  
10 *3000.04, relating to the Department of Defense muni-*  
11 *tions requirements process.*

12 (2) *The most current sufficiency assessments, as*  
13 *defined by such Department of Defense Instruction.*

14 (3) *The most current approved memorandum of*  
15 *the Joint Requirements Oversight Council resulting*  
16 *from the munitions requirements process.*

17 (4) *The planned funding and munitions require-*  
18 *ments required for the first fiscal year beginning after*  
19 *the date of the submittal of the report and across the*  
20 *future-years defense program for munitions across all*  
21 *military departments and the Missile Defense Agency.*

22 (5) *The planned foreign military sales and for-*  
23 *ign military financing orders for United States mu-*  
24 *nitions across the future-years defense program.*

1       (b) *SUNSET.*—*The requirement to submit reports and*  
2 *assessments under this section shall terminate on December*  
3 *31, 2021.*

4       (c) *SUPPLY CHAIN ASSESSMENTS.*—*Beginning in fis-*  
5 *cal year 2020, the Under Secretary shall evaluate supply*  
6 *chain risks, including qualified supplier shortages and sin-*  
7 *gle source supplier vulnerabilities for munitions produc-*  
8 *tion. The Under Secretary shall include in the reports re-*  
9 *quired under subsection (a) for fiscal year 2020 and any*  
10 *subsequent fiscal year for which such reports are required*  
11 *to be submitted, a list of munitions that are at risk of pro-*  
12 *duction impacts from the loss of qualified suppliers.*

13 **SEC. 1057. REPORT ON ESTABLISHMENT OF ARMY FUTURES**  
14 **COMMAND.**

15       (a) *REPORT REQUIRED.*—*Not later than February 1,*  
16 *2019, the Secretary of the Army shall submit to the congres-*  
17 *sional defense committees a report on the Army’s plan for*  
18 *the establishment of Army Futures Command.*

19       (b) *CONTENTS OF REPORT.*—*The report required by*  
20 *subsection (a) shall include each of the following:*

21               (1) *A description of the mission of Army Futures*  
22 *Command.*

23               (2) *A description of the authorities and respon-*  
24 *sibilities of the Commander of Army Futures Com-*  
25 *mand.*



1           (3) *A description of the relationship between*  
2           *such authorities and the authorities of the Army Ac-*  
3           *quisition Authority and a description of any changes*  
4           *to be made to the authorities and missions of other*  
5           *Army major commands.*

6           (4) *A detailed description of the structure for*  
7           *Army Futures Command, including grade require-*  
8           *ments.*

9           (5) *A detailed description of any resources or ele-*  
10          *ments to be realigned from the Army Training and*  
11          *Doctrine Command, Army Materiel Command, Army*  
12          *Force Command, or Army Test and Evaluation Com-*  
13          *mand to Army Futures Command.*

14          (6) *An assessment of the number and location of*  
15          *members of the Armed Forces and Department of De-*  
16          *fense civilian personnel expected to be assigned to*  
17          *Army Futures Command.*

18          (7) *A cost estimate for the establishment of Army*  
19          *Futures Command in fiscal year 2019 and projected*  
20          *costs for each of fiscal years 2020 through 2023.*

21          (8) *A description of the headquarters stationing*  
22          *selection criteria and methodology*

23          (9) *Any other information relating to the com-*  
24          *mand, as determined by the Secretary.*

1 **SEC. 1058. ASSESSMENT OF DEPARTMENT OF DEFENSE**  
2 **ELECTROMAGNETIC SPECTRUM WARFARE EN-**  
3 **TERPRISE.**

4 (a) *PLAN REQUIRED.*—*The Secretary of Defense, in*  
5 *consultation with the Chairman of the Joint Chiefs of Staff,*  
6 *shall develop a plan, and the estimated cost and schedule*  
7 *of implementing the plan, to conduct joint campaign mod-*  
8 *eling and wargaming for joint electromagnetic spectrum op-*  
9 *erations. Such plan shall include each of the following:*

10 (1) *The capabilities and capacity, and the asso-*  
11 *ciated governance and command and control architec-*  
12 *ture design, required to effectively employ military*  
13 *forces designated to conduct multi-domain electro-*  
14 *magnetic spectrum operations of the Department of*  
15 *Defense.*

16 (2) *The fiscal and manpower resources required*  
17 *to carry out paragraph (1) and to inform the budget*  
18 *requests of the Department of Defense.*

19 (3) *The sufficiency of experimentation, testing,*  
20 *and training infrastructure, ranges, instrumentation,*  
21 *and threat simulators required to support the develop-*  
22 *ment of electromagnetic spectrum capabilities.*

23 (4) *The sufficiency and overall effectiveness of*  
24 *electromagnetic spectrum operations to inform joint*  
25 *adaptive planning activities.*

1           (5) *All level 3 and level 4 contingency plans (as*  
2           *such plans are described in Joint Publication 5-0 of*  
3           *the Joint Chiefs of Staff, entitled “Joint Planning”*  
4           *and dated June 16, 2017).*

5           **(b) REPORT.—**

6           (1) *IN GENERAL.—Not later than February 18,*  
7           *2019, the Secretary of Defense shall submit to the con-*  
8           *gressional defense committees a report on the plan de-*  
9           *veloped under subsection (a).*

10          (2) *FORM OF REPORT.—The report required by*  
11          *paragraph (1) shall be submitted in unclassified form,*  
12          *but may include a classified annex.*

13          **(c) ANNUAL BRIEFINGS.—**

14          (1) *IN GENERAL.—Not later than February 5,*  
15          *2019, and annually thereafter for each of the next five*  
16          *subsequent years, the Secretary of Defense, in coordi-*  
17          *nation with the Chairman of the Joint Chiefs of Staff,*  
18          *shall provide to the Committee on Armed Services of*  
19          *the House of Representatives a briefing on the joint*  
20          *electromagnetic spectrum operations of the Depart-*  
21          *ment of Defense. Such briefing shall include each of*  
22          *the following:*

23                  (A) *An update on the governance, organiza-*  
24                  *tional structure, and activities of the Electronic*  
25                  *Warfare Executive Committee of the Department*

1        *of Defense, as established by memorandum of the*  
2        *Deputy Secretary of Defense on March 17, 2015.*

3                *(B) An assessment of the progress in achiev-*  
4        *ing the goals and objectives described in—*

5                        *(i) the current strategy for the electro-*  
6        *magnetic spectrum warfare enterprise*  
7        *issued by the Executive Committee; and*

8                        *(ii) Department of Defense Directive*  
9        *3222.04, dated May 10, 2017.*

10                *(C) An assessment of the current readiness,*  
11        *sufficiency, unity of effort, and modernization of*  
12        *the joint military services with respect to joint*  
13        *electromagnetic spectrum capabilities and the*  
14        *ability of the joint military services to train and*  
15        *employ effectively in an electromagnetic spec-*  
16        *trum warfare operational environment for all*  
17        *level 3 and level 4 contingency plans (as such*  
18        *plans are described in Joint Publication 5-0 of*  
19        *the Joint Chiefs of Staff, entitled “Joint Plan-*  
20        *ning” and dated June 16, 2017).*

21                *(D) The same information as is required to*  
22        *be submitted under section 1053(b) of the Na-*  
23        *tional Defense Authorization Act for Fiscal Year*  
24        *2010 (Public Law 111-84; 123 Stat. 2459).*

1           (2) *FORM OF BRIEFING.*—Each briefing required  
2       by paragraph (1) shall be unclassified, but may in-  
3       clude a classified presentation.

4       (d) *ONE-TIME BRIEFING.*—

5           (1) *IN GENERAL.*—Not later than February 25,  
6       2019, the Secretary of Defense, in coordination with  
7       the Chairman of the Joint Chiefs of Staff, shall pro-  
8       vide to the Committee on Armed Services of the House  
9       of Representatives a briefing on the joint electro-  
10      magnetic spectrum operations of the Department of  
11      Defense. Such briefing shall include each of the fol-  
12      lowing:

13           (A) An update on the progress of the De-  
14      partment in implementing the pilot program au-  
15      thorized by section 234 of the National Defense  
16      Authorization Act for Fiscal Year 2017 (Public  
17      Law 114-328; 10 U.S.C. 113 note).

18           (B) The progress of the Department in es-  
19      tablishing and operationalizing joint electro-  
20      magnetic spectrum operations cells at battle-  
21      management and command and control locations  
22      of the combatant commanders and designated  
23      joint task force commanders.

24           (C) The progress of the Department in es-  
25      tablishing a network to connect an electro-

1        *magnetic battle management system to multiple*  
2        *sensor and intelligence data feeds to implement*  
3        *electronic warfare battle management for*  
4        *networked electronic warfare and dynamic re-*  
5        *programming with automated near real-time ca-*  
6        *pabilities.*

7                *(D) The number of personnel assigned to*  
8        *joint electromagnetic spectrum operations mis-*  
9        *sion activities, to include officers, enlisted mem-*  
10       *bers, and civilian personnel, set forth separately*  
11       *by career field designator and rank for each*  
12       *military service, combatant command, and de-*  
13       *fense agency.*

14               *(E) A comparison of commissioned officer*  
15       *promotion rates among the personnel described*  
16       *in paragraph (d), by grade, compared to the av-*  
17       *erage promotion rates for commissioned officers,*  
18       *by grade, in each military service, over the five*  
19       *most recent promotion cycles that have been com-*  
20       *pleted since the end of fiscal year 2018.*

21               *(F) An assessment of Department of Defense*  
22       *governance, organizational alignment, human*  
23       *capital, and other applicable resources respon-*  
24       *sible for the development, management, and im-*  
25       *plementation of joint electromagnetic spectrum*

1           *policy, doctrine, concepts, requirements, capabili-*  
 2           *ties, and operational activities.*

3           (2) *FORM OF BRIEFING.*—*The briefing required*  
 4           *by paragraph (1) shall be unclassified, but may in-*  
 5           *clude a classified presentation.*

6           (e) *DEFINITIONS.*—*In this section:*

7           (1) *The term “electromagnetic battle manage-*  
 8           *ment” means the dynamic monitoring, assessing,*  
 9           *planning, and directing of joint electromagnetic spec-*  
 10           *trum operations in support of a military com-*  
 11           *mander’s scheme of maneuver.*

12           (2) *The term “joint electromagnetic spectrum op-*  
 13           *erations” means those activities consisting of elec-*  
 14           *tronic warfare and joint electromagnetic spectrum*  
 15           *management operations used to exploit, attack, pro-*  
 16           *tect, and manage the electromagnetic operational en-*  
 17           *vironment to achieve a military commander’s objec-*  
 18           *tives.*

19 **SEC. 1059. REPORT ON SUPPORT FOR NON-CONTIGUOUS**  
 20 **STATES AND TERRITORIES IN THE EVENT OF**  
 21 **THREATS AND INCIDENTS.**

22           (a) *REPORT REQUIRED.*—*Not later than February 1,*  
 23           *2019, the Secretary of Defense shall submit to the Commit-*  
 24           *tees on Armed Services of the Senate and House of Rep-*  
 25           *resentatives a report on the preparedness of the Department*

1 *of Defense in providing support to non-contiguous States*  
 2 *and territories in the aftermath of a natural or manmade*  
 3 *incident that warrants the Department to assist the State*  
 4 *and civil entities with the protection of life and to provide*  
 5 *emergency work.*

6 (b) *CONTENTS OF REPORT.*—*For purposes of the re-*  
 7 *port under subsection (a)—*

8 (1) *the support covered by the report may in-*  
 9 *clude support provided under section 403(c) of the*  
 10 *Robert T. Stafford Disaster Relief and Emergency As-*  
 11 *sistance Act (42 U.S.C. 5170b(c)); and*

12 (2) *the incidents covered by the report shall in-*  
 13 *clude natural disasters, acts of terrorism, and indus-*  
 14 *trial accidents.*

15 (c) *FORM OF REPORT.*—*The report required by sub-*  
 16 *section (a) shall be submitted in unclassified form, but may*  
 17 *contain a classified annex.*

18 **SEC. 1060. REPORT ON LOW-BOOM FLIGHT DEMONSTRA-**  
 19 **TION.**

20 *Not later than 90 days after the date of the enactment*  
 21 *of this Act, the Administrator of the National Aeronautics*  
 22 *and Space Administration shall submit to the Committee*  
 23 *on Science, Space, and Technology of the House of Rep-*  
 24 *resentatives a report describing the progress in development*  
 25 *of the Low-Boom Flight Demonstration, including—*



1           (1) *the plans of the Administrator to coordinate*  
2           *with other executive agencies to ensure the avail-*  
3           *ability of developmental and operational testing in-*  
4           *frastructure for low-boom flight demonstrations by*  
5           *2021; and*

6           (2) *the strategy of the Administration to acquire*  
7           *chase aircrafts to ensure the availability of such air-*  
8           *crafts for such demonstrations.*

9   **SEC. 1061. REPORT ON CYBER-ENABLED INFORMATION OP-**  
10           **ERATIONS.**

11       *Not later than 180 days after the date of the enactment*  
12       *of this Act, the President shall transmit to the Committees*  
13       *on Armed Services and Foreign Affairs of the House of Rep-*  
14       *resentative and the Committees on Armed Services and For-*  
15       *eign Relations of the Senate a report on the effects of cyber-*  
16       *enabled information operations on the national security of*  
17       *the United States. Such report shall include each of the fol-*  
18       *lowing:*

19           (1) *A summary of actions taken by the Federal*  
20           *Government to protect the national security of the*  
21           *United States against cyber-enabled information op-*  
22           *erations.*

23           (2) *A description of the resources necessary to*  
24           *protect the national security of the United States*

1       *against cyber-enabled information operations by for-*  
2       *ign adversaries.*

3               ***Subtitle G—Other Matters***

4   ***SEC. 1071. TECHNICAL, CONFORMING, AND CLERICAL***  
5               ***AMENDMENTS.***

6       (a) *TITLE 10, UNITED STATES CODE.—Title 10,*  
7       *United States Code, is amended as follows:*

8               (1) *Sections 130j and 130k, as added by section*  
9       *1631 of the National Defense Authorization Act for*  
10       *Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
11       *1736), are amended by striking “section 3093 of title*  
12       *50, United States Code” both places it appears and*  
13       *inserting “section 503 of the National Security Act of*  
14       *1947 (50 U.S.C. 3093)”.*

15              (2) *The table of sections at the beginning of*  
16       *chapter 3 is amended by striking the items relating*  
17       *to sections 130j and 130k and inserting the following*  
18       *new items:*

*“130j. Notification requirements for sensitive military cyber operations.*  
      *“130k. Notification requirements for cyber weapons.”.*

19              (3) *Section 131(b)(9), as amended by section*  
20       *811, is further amended—*

21                       (A) *by striking subparagraphs (B), (C), and*  
22                       (D); *and*

1                   (B) by redesignating subparagraphs (E),  
2                   (F), (G), and (H), as subparagraphs (B), (C),  
3                   (D), and (E), respectively.

4                   (4) The table of sections at the beginning of  
5                   chapter 4 is amended by striking the item relating to  
6                   section 261 and inserting the following:

“241. Reference to chapters 1003, 1005, and 1007.”.

7                   (5) Section 494(b)(2) is amended in the matter  
8                   preceding subparagraph (A) by striking “March 1,  
9                   2012, and annually thereafter” and inserting “March  
10                  1 of each year”.

11                  (6) Section 495(a) is amended by striking “Be-  
12                  ginning in fiscal year 2013, the” and inserting  
13                  “The”.

14                  (7) Section 499a(d), as added by section 1652(a)  
15                  of the National Defense Authorization Act for Fiscal  
16                  Year 2018 (Public Law 115–91; 131 Stat. 1757), is  
17                  amended by striking “on or after the date of the en-  
18                  actment of this section” and inserting “after Decem-  
19                  ber 11, 2017,”.

20                  (8) Section 637a(d) is amended by striking “spe-  
21                  cialities” and inserting “specialties”.

22                  (9) Section 664(d)(1) is amended by striking  
23                  “the the” and inserting “the”.

1           (10) *The table of subchapters at the beginning of*  
 2           *chapter 47A is amended by striking the item relating*  
 3           *to subchapter VII and inserting the following:*

“VII. POST-TRIAL PROCEDURE AND REVIEW OF MILITARY COMMISSIONS”.

4           (11) *The table of sections at the beginning of sub-*  
 5           *chapter VII of chapter 47A is amended by striking the*  
 6           *item relating to section 950g and inserting the fol-*  
 7           *lowing:*

“950g. *Review by United States Court of Appeals for the District of Columbia Circuit; writ of certiorari to Supreme Court.*”.

8           (12) *Section 950t is amended—*

9                   (A) *in paragraph (9), by striking “attack.*  
 10                   *or” and inserting “attack, or”;*

11                   (B) *in paragraph (16), by striking “shall*  
 12                   *punished” and inserting “shall be punished”;*  
 13                   *and*

14                   (C) *in paragraph (22), by adding a period*  
 15                   *at the end.*

16           (13) *The table of sections at the beginning of*  
 17           *chapter 55 is amended by striking the item relating*  
 18           *to section 1077a and inserting the following:*

“1077a. *Access to military medical treatment facilities and other facilities.*”.

19           (14) *Section 1415(e) is amended by striking*  
 20           *“concerned”.*

21           (15) *Section 2006a(b)(3) is amended by striking*  
 22           *“the such programs” and inserting “such programs”.*

1           (16) *Section 2279(c) is amended by striking*  
2           *“subsection (a) and (b)” and inserting “subsections*  
3           *(a) and (b)”.*

4           (17) *Section 2279c, as added by section*  
5           *1601(a)(1) of the National Defense Authorization Act*  
6           *for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
7           *1718), is amended—*

8                   (A) *in subsection (a)(3), by striking “ the*  
9                   *date of the enactment of this Act” and inserting*  
10                  *“December 12, 2017”; and*

11                  (B) *in subsection (b)—*

12                          (i) *in the matter preceding paragraph*  
13                          *(1), by striking “ the date of the enactment*  
14                          *of this section” and inserting “December 12,*  
15                          *2017”; and*

16                          (ii) *in paragraph (3), by striking “on*  
17                          *or after the date that is one year after the*  
18                          *date of the enactment of this section” and*  
19                          *inserting “after December 11, 2018”.*

20           (18)(A) *The second section 2279c, as added by*  
21           *section 1602 of the National Defense Authorization*  
22           *Act for Fiscal Year 2018 (Public Law 115–91; 131*  
23           *Stat. 1721), is redesignated as section 2279d.*

1           (B) *The table of sections at the beginning of*  
 2           *chapter 135 is amended by inserting after the item re-*  
 3           *lating to section 2279c the following new item:*

*“2279d. Limitation on construction on United States territory of satellite posi-*  
*tioning ground monitoring stations of certain foreign govern-*  
*ments.”.*

4           (19) *Section 2313b(b)(1)(E), as added by section*  
 5           *803(a) of the National Defense Authorization Act for*  
 6           *Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
 7           *1452), is amended by redesignating clauses (A) and*  
 8           *(B) as clauses (i) and (ii), respectively.*

9           (20) *Section 2324(e)(1) is amended by redesign-*  
 10          *ating the second subparagraph (P) and subpara-*  
 11          *graph (Q) as subparagraphs (Q) and (R), respec-*  
 12          *tively.*

13          (21) *Section 2337a(d), as added by section*  
 14          *836(a)(1) of the National Defense Authorization Act*  
 15          *for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
 16          *1473), is amended by striking “title 10, United States*  
 17          *Code” and inserting “this title”.*

18          (22) *Section 2374a(e) is amended by striking*  
 19          *“,” and inserting “,”.*

20          (23) *The table of sections at the beginning of*  
 21          *chapter 141 is amended by striking the item relating*  
 22          *to section 2410s and inserting the following new item:*

*“2410s. Security clearances for facilities of certain companies.”.*

1           (24) *The heading of section 2410s is amended by*  
 2           *striking the period at the end.*

3           (25)(A) *The heading of section 2414, as amended*  
 4           *by section 817(1) of the National Defense Authoriza-*  
 5           *tion Act for Fiscal Year 2018 (Public Law 115–91;*  
 6           *131 Stat. 1462), is amended to read as follows:*

7    **“§2414. Funding”.**

8           (B) *The item relating to such section in the*  
 9           *table of sections at the beginning of chapter 142*  
 10          *is amended to read as follows:*

          “2414. Funding.”.

11          (26) *Section 2613(g) is amended by striking*  
 12          *“(1)”.*

13          (27) *Section 2679(a)(1) is amended by striking*  
 14          *“Federal government” and inserting “Federal Govern-*  
 15          *ment”.*

16          (28) *The heading of section 2691, as amended by*  
 17          *section 2814(b)(1) of the National Defense Authoriza-*  
 18          *tion Act for Fiscal Year 2018 (Public Law 115–91),*  
 19          *is amended to read as follows:*

20    **“§2691. Restoration of land used by permit or dam-**  
 21                **aged by mishap; reimbursement of state**  
 22                **costs of fighting wildland fires”.**

23          (29) *Section 2879(a)(2)(A), as added by section*  
 24          *2817(a)(1) of the National Defense Authorization Act*  
 25          *for Fiscal Year 2018 (Public Law 115–91), is amend-*

1        *ed by striking “on or after the date of the enactment*  
 2        *of this section” and inserting “after December 11,*  
 3        *2017,”.*

4            *(30) The heading of section 2914 is amended to*  
 5        *read as follows:*

6        **“§2914. Energy resilience and conservation construc-**  
 7            **tion projects”.**

8            *(31) Section 10504 is amended—*

9                    *(A) in subsection (a), by striking “The*  
 10            *Chief” and inserting “(1) The Chief”; and*

11                    *(B) by redesignating the second subsection*  
 12            *(b) as subsection (c).*

13        *(b) TITLE 32, UNITED STATES CODE.—Title 32,*  
 14        *United States Code, is amended in section 902, by striking*  
 15        *“the Secretary, determines” and inserting “the Secretary*  
 16        *determines”.*

17        *(c) NDAA FOR FISCAL YEAR 2018.—Effective as of*  
 18        *December 12, 2017, and as if included therein as enacted,*  
 19        *the National Defense Authorization Act for Fiscal Year*  
 20        *2018 (Public Law 115–91; 131 Stat. \_\_\_\_ et seq.) is amend-*  
 21        *ed as follows:*

22                    *(1) Section 834(a)(2) (131 Stat. 1470) is amend-*  
 23        *ed by striking “subchapter I of”.*



1           (2) *Section 913(b) is amended by striking the*  
 2           *dash after the colon in the matter preceding para-*  
 3           *graph (1).*

4           (3) *Section 1051(d)) is amended by inserting*  
 5           *“National” before “Defense Authorization Act”.*

6           (4) *Section 1691(i) is amended—*

7                     (A) *by inserting “the” after “Title XIV of”;*  
 8                     *and*

9                     (B) *by inserting “as enacted into law by”*  
 10                    *before “Public Law 106–398”.*

11           (5) *Section 2817(a)(2) is amended by striking*  
 12           *“table of sections for” and inserting “table of sections*  
 13           *at the beginning of subchapter IV of”.*

14           (6) *Section 2831(b) is amended by inserting “of*  
 15           *title 10, United States Code,” after “chapter 173”.*

16           (7) *Section 2876(d) is amended—*

17                     (A) *by inserting “In this section:” after*  
 18                     *“DEFINITIONS.—”; and*

19                     (B) *in paragraph (1)(A), in the matter pre-*  
 20                     *ceding clause (i), by inserting open quotation*  
 21                     *marks before “beneficial” and close quotation*  
 22                     *marks after “owner”.*

23           (e) *OTHER NDAAS.—*

24                     (1) *FY2016.—Section 828(c) of the National De-*  
 25                     *fense Authorization Act for Fiscal Year 2016 (Public*

1      *Law 114–92; 10 U.S.C. 2430 note), as added by sec-*  
 2      *tion 825(a)(4) of the National Defense Authorization*  
 3      *Act for Fiscal Year 2018 (Public Law 115–91; 131*  
 4      *Stat. 1466), is amended by inserting “subsection” be-*  
 5      *fore “(b)”.*

6            (2) *FY2001.—Section 821(e) of the Floyd D.*  
 7      *Spence National Defense Authorization Act for Fiscal*  
 8      *Year 2001 (as enacted into law by Public Law 106–*  
 9      *398; 10 U.S.C. 2302 note) is amended by striking*  
 10     *paragraph (2).*

11     (f) *OTHER LAWS.—*

12            (1) *TITLE 31.—Paragraph (1) of section 5112(p)*  
 13      *of title 31, United States Code, as amended by section*  
 14      *885 of the National Defense Authorization Act for*  
 15      *Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
 16      *1505), is amended by striking “, United States Code”*  
 17      *each place it appears.*

18            (2) *TITLE 49.—Subsection (h) of section 44718 of*  
 19      *title 49, United States Code, as amended and redesign-*  
 20      *ated by sections 311(b)(3) and 311(e)(1) of the Na-*  
 21      *tional Defense Authorization Act for Fiscal Year 2018*  
 22      *(Public Law 115–91), is amended—*

23            (A) *in paragraph (1), by striking “section*  
 24            *183a(g) of title 10” and inserting “section*  
 25            *183a(h)(1) of title 10” ; and*

1           (B) in paragraph (2), by striking “section  
2           183a(g) of title 10” and inserting “section  
3           183a(h)(7) of title 10”.

4           (3) *ATOMIC ENERGY DEFENSE ACT*.—Section  
5           4309(c) of the Atomic Energy Defense Act (50 U.S.C.  
6           2575(c)) is amended by redesignating paragraphs  
7           (17) and (18) as paragraphs (16) and (17), respec-  
8           tively.

9           (g) *CONFORMING AMENDMENTS RELATING TO THE*  
10          *CHIEF MANAGEMENT OFFICER OF THE DEPARTMENT OF*  
11          *DEFENSE*.—

12           (1) *CONFORMING AMENDMENTS*.—

13           (A) Each of the following provisions law is  
14           amended by striking “Deputy Chief Management  
15           Officer” each place it appears and inserting  
16           “Chief Management Officer”:

17                   (i) Section 192(e)(2) of title 10, United  
18                   States Code.

19                   (ii) Section 2222 of title 10, United  
20                   States Code.

21                   (iii) Section 11319(d)(4) of title 40,  
22                   United States Code.

23                   (iv) Section 881(a) of the National De-  
24                   fense Authorization Act for Fiscal Year

1                   2016 (Public Law 114–92; 10 U.S.C. 2302  
2                   note).

3                   (v) Section 217 of the National Defense  
4                   Authorization Act for Fiscal Year 2016  
5                   (Public Law 114–92; 10 U.S.C. 2445a  
6                   note).

7                   (B) Section 131(b) of title 10, United States  
8                   Code, as amended by subsection (a)(3) of this  
9                   section, is further amended—

10                   (i) by striking paragraph (4); and  
11                   (ii) by redesignating paragraphs (5)  
12                   through (10) as paragraphs (4) through (9),  
13                   respectively.

14                   (C) Section 137a(d) of title 10, United  
15                   States Code, is amended—

16                   (i) by striking “the Secretaries of the  
17                   military departments,” and inserting “the  
18                   Chief Management Officer of the Depart-  
19                   ment of Defense, the Secretaries of the mili-  
20                   tary departments, and”; and

21                   (ii) by striking “, and the Deputy  
22                   Chief Management Officer of the Depart-  
23                   ment of Defense”.

24                   (D) Section 138(d) of title 10, United States  
25                   Code, is amended—

1           (i) by inserting “the Chief Manage-  
 2           ment Officer of the Department of Defense,”  
 3           after “the Deputy Secretary of Defense,”;  
 4           and

5           (ii) by striking “ the Deputy Chief  
 6           Management Officer of the Department of  
 7           Defense,”.

8           (E) Section 904(b)(4) the National Defense  
 9           Authorization Act for Fiscal Year 2008 (Public  
 10          Law 110–181; 10 U.S.C. 132 note.) is amend-  
 11          ed—

12          (i) by striking “and Deputy Chief  
 13          Management Officer” and

14          (ii) by striking “as is necessary to as-  
 15          sist those officials in the performance of  
 16          their duties” and inserting “as is necessary  
 17          to assist the Chief Management Officer in  
 18          the performance of the duties assigned to  
 19          such official”.

20          (F) Section 5314 of title 5, United States  
 21          Code, is amended by striking “Deputy Chief  
 22          Management Officer of the Department of De-  
 23          fense.”.

24          (2) REFERENCES.—

1           (A) *IN LAW OR REGULATION.*—Any ref-  
2           erence in a law (other than this Act) or regula-  
3           tion in effect on the day before the date of the en-  
4           actment of this Act to the Deputy Chief Manage-  
5           ment Officer of the Department of Defense is  
6           deemed to be a reference to the Chief Manage-  
7           ment Officer of the Department of Defense.

8           (B) *IN OTHER DOCUMENTS, PAPERS, OR*  
9           *RECORDS.*—Any reference in a document, paper,  
10          or other record of the United States prepared be-  
11          fore the date of the enactment of this Act to the  
12          Deputy Chief Management Officer of the Depart-  
13          ment of Defense is deemed to be a reference to the  
14          Chief Management Officer of the Department of  
15          Defense.

16       (h) *COORDINATION WITH OTHER AMENDMENTS MADE*  
17 *BY THIS ACT.*—For purposes of applying amendments  
18 made by provisions of this Act other than this section, the  
19 amendments made by this section shall be treated as having  
20 been enacted immediately before any such amendments by  
21 other provisions of this Act.

22 **SEC. 1072. PRINCIPAL ADVISOR ON COUNTERING WEAPONS**  
23 **OF MASS DESTRUCTION.**

24       (a) *IN GENERAL.*—

1           (1) *DESIGNATION OF PRINCIPAL ADVISOR.*—  
2       Chapter 4 of title 10, United States Code, is amended  
3       by adding at the end the following new section:

4   **“§ 145. Principal Advisor on Countering Weapons of**  
5       **Mass Destruction**

6       “(a) *DESIGNATION.*—The Secretary of Defense shall  
7       designate, from among the personnel of the Office of the Sec-  
8       retary of Defense, a Principal Advisor on Countering Weap-  
9       ons of Mass Destruction. Such Principal Advisor shall act  
10      as the principal advisor to the Secretary on the activities  
11      of the Department of Defense relating to countering weap-  
12      ons of mass destruction. The individual designated to serve  
13      as such Principal Advisor shall be an individual who was  
14      appointed to the position held by the individual by and  
15      with the advice and consent of the Senate.

16      “(b) *RESPONSIBILITIES.*—The Principal Advisor des-  
17      ignated under subsection (a) shall carry out the following  
18      responsibilities:

19           “(1) *Supervising the activities of the Department*  
20       *of Defense relating to countering weapons of mass de-*  
21       *struction, including the oversight of policy and oper-*  
22       *ational considerations, resources, personnel, acquisi-*  
23       *tion, and technology.*

1           “(2) *Carrying out such other responsibilities re-*  
 2           *lating to countering weapons of mass destruction as*  
 3           *the Secretary shall specify.*”.

4           (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 5           *tions at the beginning of such chapter is amended by*  
 6           *adding at the end the following new item:*

          “145. *Principal Advisor on Countering Weapons of Mass Destruction.*”.

7           (b) *OVERSIGHT PLAN.*—*Not later than 180 days after*  
 8           *the date of the enactment of this Act, the Secretary of De-*  
 9           *fense shall submit to the congressional defense committees*  
 10          *a plan to streamline the oversight framework of the Office*  
 11          *of the Secretary of Defense, including any efficiencies and*  
 12          *the potential to reduce, realign, or otherwise restructure*  
 13          *current Assistant Secretary and Deputy Assistant Sec-*  
 14          *retary positions with responsibilities for overseeing coun-*  
 15          *tering weapons of mass destruction policy, programs, and*  
 16          *activities.*

17   **SEC. 1073. RECEIPT OF FIREARM OR AMMUNITION.**

18          (a) *RECEIPT OF FIREARM OR AMMUNITION BY SPOUSE*  
 19          *OF MEMBER OF THE ARMED FORCES AT A DUTY STATION*  
 20          *OF THE MEMBER OUTSIDE THE UNITED STATES.*—*Section*  
 21          *925(a)(3) of title 18, United States Code, is amended—*

22               (1) *by inserting “, or to the spouse of such a*  
 23               *member,” before “or to”;*

24               (2) *by striking “members,” and inserting “mem-*  
 25               *bers and spouses,”;*



1           (3) by striking “members or” and inserting  
2           “members, spouses, or”; and

3           (4) by striking “member or” and inserting  
4           “member, spouse, or”.

5           (b) *RESIDENCY OF SPOUSES OF MEMBERS OF THE*  
6 *ARMED FORCES TO BE DETERMINED ON THE SAME BASIS*  
7 *AS THE RESIDENCY OF SUCH MEMBERS FOR PURPOSES OF*  
8 *FEDERAL FIREARMS LAWS.*—Section 921(b) of title 18,  
9 *United States Code, is amended to read as follows:*

10          “(b) For purposes of this chapter, a member of the  
11 *Armed Forces on active duty, or a spouse of such a member,*  
12 *is a resident of—*

13               “(1) the State in which the member or spouse  
14               maintains legal residence;

15               “(2) the State in which the permanent duty sta-  
16               tion of the member is located; and

17               “(3) the State in which the member maintains a  
18               place of abode from which the member commutes each  
19               day to the permanent duty station of the member.”.

20           (c) *EFFECTIVE DATE.*—The amendments made by this  
21 *section shall apply to conduct engaged in after the 6-month*  
22 *period that begins on the date of the enactment of this Act.*

1 **SEC. 1074. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

2       (a) *FEDERAL CHARTER.*—Part B of subtitle II of title  
3 36, United States Code, is amended by inserting after chap-  
4 ter 2003 the following new chapter:

5       **“CHAPTER 2005—SPIRIT OF AMERICA**

“Sec.

“200501. Organization.

“200502. Purposes.

“200503. Governing body.

“200504. Powers.

“200505. Restrictions.

“200506. Records and inspection.

“200507. Duty to maintain tax-exempt status.

“200508. Quarterly report.

6       **“§ 200501. Organization**

7       “(a) *FEDERAL CHARTER.*—Spirit of America (in this  
8 chapter ‘the corporation’), a nonprofit corporation, is a fed-  
9 erally chartered corporation.

10       “(b) *EXPIRATION OF CHARTER.*—If the corporation  
11 does not comply with the provisions of this chapter, the  
12 charter granted by this chapter expires.

13       “(c) *SCOPE OF CHARTER.*—Nothing in the charter  
14 granted by this chapter shall be construed as conferring spe-  
15 cial rights or privileges upon the corporation, or as placing  
16 upon the Department of Defense any obligation with respect  
17 to the corporation.

18       **“§ 200502. Purposes**

19       “The purposes of the corporation are as provided in  
20 its constitution and bylaws and include the following:

1           “(1) *To respond to the needs of local populations*  
2           *abroad, as identified by members of the Armed Forces*  
3           *and diplomats of the United States abroad.*

4           “(2) *To connect the people of the United States*  
5           *more closely to the members of the Armed Forces and*  
6           *diplomats of the United States abroad, and to the*  
7           *missions carried out by such personnel abroad.*

8           “(3) *To demonstrate the goodwill of the people of*  
9           *the United States to peoples around the world.*

10   **“§ 200503. Governing body**

11       “(a) *BOARD OF DIRECTORS.—*

12           “(1) *The board of directors is the governing body*  
13           *of the corporation. The powers, duties, and respon-*  
14           *sibilities of the board are as provided in the constitu-*  
15           *tion and bylaws of the corporation.*

16           “(2) *The number of directors is as provided in*  
17           *the constitution of the corporation. Their manner of*  
18           *selection (including the filling of vacancies) and their*  
19           *term of office are as provided in the constitution and*  
20           *bylaws.*

21       “(b) *OFFICERS.—*(1) *The officers of the corporation*  
22       *are a chairman of the board of directors, a president, one*  
23       *or more vice presidents as provided in the constitution and*  
24       *bylaws, a secretary, a treasurer, and one or more assistant*

1 *secretaries and assistant treasurers as provided in the con-*  
2 *stitution and bylaws.*

3 “(2) *The manner of election, term of office, and duties*  
4 *of the officers are as provided in the constitution and by-*  
5 *laws.*

6 **“§200504. Powers**

7 “*The corporation may—*

8 “(1) *adopt and amend a constitution, by-laws,*  
9 *and regulations to carry out the purposes of the cor-*  
10 *poration;*

11 “(2) *adopt and alter a corporate seal;*

12 “(3) *establish and maintain offices to conduct its*  
13 *activities;*

14 “(4) *enter into contracts;*

15 “(5) *acquire, own, lease, encumber, and transfer*  
16 *property as necessary and appropriate to carry out*  
17 *the purposes of the corporation;*

18 “(6) *establish, regulate, and discontinue subordi-*  
19 *nate State and territorial subdivisions and local*  
20 *chapters or posts;*

21 “(7) *publish a magazine and other publications*  
22 *(including through the Internet);*

23 “(8) *sue and be sued;*

1           “(9) do any other act necessary and proper to  
2       *carry out the purposes of the corporation as provided*  
3       *in its constitution, by-laws, and regulations; and*

4           “(10) to do any other act necessary and proper  
5       *to carry out the purposes stated in section 200502 of*  
6       *this title.*

7   **“§200505. Restrictions**

8           “(a) *PROFIT.—The corporation may not engage in*  
9       *business activity for profit unless the activity is substan-*  
10      *tially related to—*

11           “(1) *the purposes stated in 200502 of this title;*

12      *or*

13           “(2) *raising funds to accomplish those purposes.*

14           “(b) *STOCK AND DIVIDENDS.—The corporation may*  
15      *not issue stock or declare or pay a dividend.*

16           “(c) *POLITICAL ACTIVITIES.—The corporation shall be*  
17      *nonpolitical and may not provide financial aid or assist-*  
18      *ance to, or otherwise promote the candidacy of, an indi-*  
19      *vidual seeking elective public office. A substantial part of*  
20      *the activities of the corporation may not involve carrying*  
21      *on propaganda or otherwise attempting to influence legisla-*  
22      *tion.*

23           “(d) *DISTRIBUTION OF INCOME OR ASSETS.—The in-*  
24      *come or assets of the corporation may not inure to the ben-*  
25      *efit of a governor, officer, member, or employee or be distrib-*

1 *uted to any person during the life of the corporation or on*  
 2 *its dissolution or final liquidation. This subsection does not*  
 3 *prevent the payment of reasonable compensation to an offi-*  
 4 *cer, employee, or other person or reimbursement for actual*  
 5 *necessary expenses in amounts approved by the board of*  
 6 *directors.*

7       “(e) *LOANS.*—*The corporation may not make a loan*  
 8 *to a governor, officer, member or employee.*

9       “(f) *NO CLAIM OF GOVERNMENTAL APPROVAL OR AU-*  
 10 *THORITY.*—*The corporation may not claim approval of*  
 11 *Congress, of the authority of the United States, for any ac-*  
 12 *tivity of the corporation.*

13 **“§ 200506. *Records and inspection***

14       “(a) *RECORDS.*—*The corporation shall keep—*

15               “(1) *correct and complete records of account;*

16               “(2) *minutes of the proceedings of its members,*  
 17 *board of governors, and committees having any of the*  
 18 *authority of the corporation; and*

19               “(3) *at its principal office, a record of the names*  
 20 *and addresses of its members entitled to vote.*

21       “(b) *INSPECTION.*—*A member, or an agent or attorney*  
 22 *of a member, may inspect the records of the corporation*  
 23 *for any proper purpose, at any reasonable time.*

1 **“§ 200507. Duty to maintain tax-exempt status**

2       *“If the corporation fails to maintain its status as an*  
 3 *organization exempt from taxation under the Internal Rev-*  
 4 *enue Code of 1986, the charter granted under this chapter*  
 5 *shall terminate.*

6 **“§ 200508. Quarterly report**

7       *“The corporation shall submit a quarterly report to*  
 8 *Congress on the activities of the corporation during the*  
 9 *prior fiscal year quarter. The report shall be submitted at*  
 10 *the same time as the report of the audit required by section*  
 11 *10101 of this title.”.*

12       (b) *TABLES OF CHAPTERS.—The table of chapters at*  
 13 *the beginning of title 36, United States Code, and at the*  
 14 *beginning of subtitle II of such title, are each amended by*  
 15 *inserting after the item relating to chapter 2003 the fol-*  
 16 *lowing new item:*

*“2005. Spirit of America .....200501”.*

17 **SEC. 1075. TRANSFER OF AIRCRAFT TO OTHER DEPART-**  
 18 **MENTS.**

19       *Section 1098 of the National Defense Authorization*  
 20 *Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat.*  
 21 *881) is amended—*

22               *(1) by striking subsections (a) and (f);*

23               *(2) by redesignating subsections (b) through (e)*

24       *as subsections (a) through (d), respectively;*

1           (3) by redesignating subsections (g) and (h) as  
2           subsections (e) and (f);

3           (4) in subsection (a)(1), as so redesignated, by  
4           striking “and subject to the certification requirement  
5           under subsection (f),”; and

6           (5) in subsection (d), as so redesignated—

7                   (A) by striking “Promptly following the  
8                   completion of the certification requirement under  
9                   subsection (f) and notwithstanding” and insert-  
10                  ing “Notwithstanding”; and

11                  (B) by striking “shall begin transfer, with-  
12                  out reimbursement, of—” and inserting “shall  
13                  transfer, without reimbursement—”.

14 **SEC. 1076. REAUTHORIZATION OF NATIONAL AVIATION**  
15 **HERITAGE AREA.**

16           (a) *FINDINGS.*—Congress finds as follows:

17                   (1) *The National Aviation Heritage Area, as it*  
18                   *is currently defined, contains the National Museum of*  
19                   *the United States Air Force and the Huffman Prairie*  
20                   *Flying Field located within the grounds of Wright-*  
21                   *Patterson Air Force Base.*

22                   (2) *The National Aviation Heritage Area con-*  
23                   *tinues to preserve the historical legacy of the Wright*  
24                   *brothers and the birth of aviation, therefore, the Na-*  
25                   *tional Park Service should designate the National*



1       *Aviation Heritage Area as a longstanding heritage*  
2       *area.*

3       (b) *REAUTHORIZATION.—The National Aviation Her-*  
4       *itage Area Act (title V of division J of the Consolidated*  
5       *Appropriations Act, 2005; Public Law 108–447) is amend-*  
6       *ed—*

7               (1) *by striking “The Aviation Heritage Founda-*  
8       *tion, Incorporated,” “the Aviation Heritage Founda-*  
9       *tion, Incorporated (a nonprofit corporation estab-*  
10       *lished under the laws of the State of Ohio),” “the*  
11       *Aviation Heritage Foundation,” “the Aviation Herit-*  
12       *age Foundation, Incorporated” and “the Foundation”*  
13       *each place they appear and inserting “Dayton His-*  
14       *tory”;*

15              (2) *in section 503, by amending paragraph (1)*  
16       *to read as follows:*

17               “(1) *DAYTON HISTORY.—The term ‘Dayton His-*  
18       *tory’ means Dayton History, an organization incor-*  
19       *porated in Ohio and described in section 501(c)(3) of*  
20       *the Internal Revenue Code of 1986 and exempt from*  
21       *tax under section 501(a) of such Code.”;*

22              (3) *in section 505, by adding at the end the fol-*  
23       *lowing new subsection:*

24               “(d) *ACCEPTANCE OF FUNDS AND SERVICES.—The*  
25       *management entity may accept funds and services from any*

1 *Federal or non-Federal source for the purposes of imple-*  
 2 *menting the Management Plan.”; and*

3 *(4) in section 512, by striking “the date that is*  
 4 *15 years after the date that funds are first made*  
 5 *available for this title” and inserting “September 30,*  
 6 *2025”.*

7 *(c) MANAGEMENT PLAN.—Dayton History (as such*  
 8 *term is defined in section 503(1) of the National Aviation*  
 9 *Heritage Area Act (title V of division J of the Consolidated*  
 10 *Appropriations Act, 2005; Public Law 108–447)) may*  
 11 *manage the National Aviation Heritage Area under the*  
 12 *management plan in effect for that heritage area as of the*  
 13 *date of the enactment of this Act.*

14 **SEC. 1077. RECOGNITION OF AMERICA’S VETERANS.**

15 *(a) AUTHORIZATION OF SUPPORT.—In order to honor*  
 16 *American veterans, including American veterans of past*  
 17 *Wars that the Secretary of Defense determines have not re-*  
 18 *ceived appropriate recognition, the Secretary may provide*  
 19 *such support as the Secretary determines is appropriate for*  
 20 *a parade to be carried out in the District of Columbia. In*  
 21 *providing support under this subsection, the Secretary may*  
 22 *expend funds for the display of small arms and munitions*  
 23 *appropriate for customary ceremonial honors and for the*  
 24 *participation of military units that perform customary cer-*  
 25 *emonial duties.*

1       (b) *PROHIBITION.*—*In providing support for a parade*  
2 *as described in subsection (a), the Secretary may not ex-*  
3 *pend funds to provide motorized vehicles, aviation plat-*  
4 *forms, munitions other than the munitions specifically de-*  
5 *scribed in subsection (a), operational military units, or*  
6 *operational military platforms if the Secretary determines*  
7 *that providing such units, platforms, or equipment would*  
8 *undermine the readiness of such units, platforms, or equip-*  
9 *ment.*

10 **SEC. 1078. NATIONAL COMMISSION ON MILITARY AVIATION**  
11 **SAFETY.**

12       (a) *ESTABLISHMENT.*—*There is established the Na-*  
13 *tional Commission on Military Aviation Safety (in this sec-*  
14 *tion referred to as the “Commission”).*

15       (b) *MEMBERSHIP.*—

16               (1) *COMPOSITION.*—*The Commission shall be*  
17 *composed of eight members, of whom—*

18                       (A) *four shall be appointed by the Presi-*  
19 *dent;*

20                       (B) *one shall be appointed by the Chairman*  
21 *of the Committee on Armed Services of the Sen-*  
22 *ate;*

23                       (C) *one shall be appointed by the Ranking*  
24 *Member of the Committee on Armed Services of*  
25 *the Senate;*

1           (D) one shall be appointed by the Chairman  
2           of the Committee on Armed Services of the House  
3           of Representatives; and

4           (E) one shall be appointed by the Ranking  
5           Member of the Committee on Armed Services of  
6           the House of Representatives.

7           (2) *APPOINTMENT DATE.*—The appointments of  
8           the members of the Commission shall be made not  
9           later than 90 days after the date of the enactment of  
10          this Act.

11          (3) *EFFECT OF LACK OF APPOINTMENT BY AP-*  
12          *POINTMENT DATE.*—If one or more appointments  
13          under subparagraph (A) of paragraph (1) is not  
14          made by the appointment date specified in paragraph  
15          (2), the authority to make such appointment or ap-  
16          pointments shall expire, and the number of members  
17          of the Commission shall be reduced by the number  
18          equal to the number of appointments so not made. If  
19          an appointment under subparagraph (B), (C), (D), or  
20          (E) of paragraph (1) is not made by the appointment  
21          date specified in paragraph (2), the authority to  
22          make an appointment under such subparagraph shall  
23          expire, and the number of members of the Commission  
24          shall be reduced by the number equal to the number  
25          otherwise appointable under such subparagraph.

1           (4) *EXPERTISE.*—*In making appointments*  
2           *under this subsection, consideration should be given to*  
3           *individuals with expertise in military aviation train-*  
4           *ing, aviation technology, military aviation oper-*  
5           *ations, aircraft sustainment and repair, aviation per-*  
6           *sonnel policy, aerospace physiology, and reserve com-*  
7           *ponent policy.*

8           (c) *PERIOD OF APPOINTMENT; VACANCIES.*—*Members*  
9           *shall be appointed for the life of the Commission. Any va-*  
10          *cancy in the Commission shall not affect its powers, but*  
11          *shall be filled in the same manner as the original appoint-*  
12          *ment.*

13          (d) *CHAIR AND VICE CHAIR.*—*The Commission shall*  
14          *select a Chair and Vice Chair from among its members.*

15          (e) *MEETINGS.*—

16               (1) *IN GENERAL.*—*The Commission shall meet at*  
17               *the call of the Chair.*

18               (2) *INITIAL MEETING.*—*Not later than 30 days*  
19               *after the date on which all members of the Commis-*  
20               *sion have been appointed, the Commission shall hold*  
21               *its initial meeting.*

22               (3) *QUORUM.*—*A majority of the members of the*  
23               *Commission shall constitute a quorum, but a lesser*  
24               *number of members may hold hearings.*

25          (f) *DUTIES.*—

1           (1) *STUDY ON MILITARY AVIATION SAFETY.*—*The*  
2           *Commission shall undertake a comprehensive study of*  
3           *United States military aviation mishaps that oc-*  
4           *curred between fiscal years 2013 and 2018 in order—*

5                     *(A) to assess the rates of military aviation*  
6                     *mishaps between fiscal years 2013 and 2018*  
7                     *compared to historic aviation mishap rates;*

8                     *(B) to make an assessment of the under-*  
9                     *lying causes contributing to the unexplained*  
10                    *physiological effects;*

11                    *(C) to make an assessment of causes con-*  
12                    *tributing to delays in aviation maintenance and*  
13                    *limiting operational availability of aircraft;*

14                    *(D) to make an assessment of the causes*  
15                    *contributing to military aviation mishaps; and*

16                    *(E) to make recommendations on the modi-*  
17                    *fications, if any, of safety, training, mainte-*  
18                    *nance, personnel, or other policies related to*  
19                    *military aviation safety.*

20           (2) *REPORT.*—*Not later than June 1, 2019, the*  
21           *Commission shall submit to the President and the*  
22           *congressional defense committees a report setting forth*  
23           *a detailed statement of the findings and conclusions*  
24           *of the Commission as a result of the study required*  
25           *by paragraph (1), together with the recommendations*

1       *of the Commission for such legislative and adminis-*  
2       *trative actions as the Commission considers appro-*  
3       *priate in light of the results of the study.*

4       *(g) POWERS.—*

5               *(1) HEARINGS.—The Commission may hold such*  
6       *hearings, sit and act at such times and places, take*  
7       *such testimony, and receive such evidence as the Com-*  
8       *mission considers advisable to carry out its duties*  
9       *under this subtitle.*

10              *(2) INFORMATION FROM DEPARTMENT.—The*  
11       *Commission may secure directly from any element of*  
12       *the Department of Defense such information as the*  
13       *Commission considers necessary to carry out its du-*  
14       *ties under this subtitle. Upon request of the Chair of*  
15       *the Commission, the head of such element shall fur-*  
16       *nish such information to the Commission.*

17       *(h) TERMINATION.—The Commission shall terminate*  
18       *90 days after the date on which the Commission submits*  
19       *the report required under subsection (f)(2).*

20       *(i) SENSE OF CONGRESS.—It is the sense of Congress*  
21       *that—*

22              *(1) the Secretary of Defense should take every*  
23       *immediate action to make necessary repairs to avia-*  
24       *tion systems and increase pilot training and pro-*

1     *ficiency without assuming additional risk to flight*  
2     *safety; and*

3             *(2) this Act and the Defense Appropriations Act*  
4     *for fiscal year 2019 should be enacted into law by not*  
5     *later than October 1, 2018, at the maximum amount*  
6     *permitted by the Bipartisan Budget Act of 2018*  
7     *(Public Law 115-23) without being conditioned on*  
8     *any other issue and without regard to any issue or*  
9     *difference of opinion.*

10   **SEC. 1079. TARGET PRACTICE AND MARKSMANSHIP TRAIN-**  
11             **ING SUPPORT.**

12     *(a) FINDINGS; PURPOSE.—*

13             *(1) FINDINGS.—Congress finds that—*

14                 *(A) the use of firearms and archery equip-*  
15             *ment for target practice and marksmanship*  
16             *training activities on Federal land is allowed,*  
17             *except to the extent specific portions of that land*  
18             *have been closed to those activities;*

19                 *(B) in recent years preceding the date of en-*  
20             *actment of this section, portions of Federal land*  
21             *have been closed to target practice and marks-*  
22             *manship training for many reasons;*

23                 *(C) the availability of public target ranges*  
24             *on non-Federal land has been declining for a va-*



1        *riety of reasons, including continued population*  
2        *growth and development near former ranges;*

3                *(D) providing opportunities for target prac-*  
4        *tice and marksmanship training at public target*  
5        *ranges on Federal and non-Federal land can*  
6        *help—*

7                *(i) to promote enjoyment of shooting,*  
8                *recreational, and hunting activities; and*

9                *(ii) to ensure safe and convenient loca-*  
10        *tions for those activities;*

11               *(E) Federal law in effect on the date of en-*  
12        *actment of this section, including the Pittman-*  
13        *Robertson Wildlife Restoration Act (16 U.S.C.*  
14        *669 et seq.), provides Federal support for con-*  
15        *struction and expansion of public target ranges*  
16        *by making available to States amounts that may*  
17        *be used for construction, operation, and mainte-*  
18        *nance of public target ranges; and*

19               *(F) it is in the public interest to provide in-*  
20        *creased Federal support to facilitate the con-*  
21        *struction or expansion of public target ranges.*

22               *(2) PURPOSE.—The purpose of this section is to*  
23        *facilitate the construction and expansion of public*  
24        *target ranges, including ranges on Federal land man-*

1        *aged by the Forest Service and the Bureau of Land*  
 2        *Management.*

3        *(b) AMENDMENTS TO PITTMAN-ROBERTSON WILDLIFE*  
 4        *RESTORATION ACT.—*

5                *(1) DEFINITIONS.—Section 2 of the Pittman-*  
 6        *Robertson Wildlife Restoration Act (16 U.S.C. 669a)*  
 7        *is amended—*

8                *(A) by redesignating paragraphs (2)*  
 9                *through (8) as paragraphs (3) through (9), re-*  
 10               *spectively; and*

11               *(B) by inserting after paragraph (1) the fol-*  
 12               *lowing:*

13               *“(2) the term ‘public target range’ means a spe-*  
 14               *cific location that—*

15               *“(A) is identified by a governmental agency*  
 16               *for recreational shooting;*

17               *“(B) is open to the public;*

18               *“(C) may be supervised; and*

19               *“(D) may accommodate archery or rifle,*  
 20               *pistol, or shotgun shooting;”.*

21               *(2) EXPENDITURES FOR MANAGEMENT OF WILD-*  
 22        *LIFE AREAS AND RESOURCES.—Section 8(b) of the*  
 23        *Pittman-Robertson Wildlife Restoration Act (16*  
 24        *U.S.C. 669g(b)) is amended—*

1                   (A) by striking “(b) Each State” and in-  
 2                   serting the following:

3           “(b) *EXPENDITURES FOR MANAGEMENT OF WILDLIFE*  
 4 *AREAS AND RESOURCES.*—

5                   “(1) *IN GENERAL.*—*Except as provided in para-*  
 6 *graph (2), each State*”;

7                   (B) in paragraph (1) (as so designated), by  
 8                   striking “construction, operation,” and inserting  
 9                   “operation”;

10                  (C) in the second sentence, by striking “The  
 11                  non-Federal share” and inserting the following:

12                  “(3) *NON-FEDERAL SHARE.*—*The non-Federal*  
 13 *share*”;

14                  (D) in the third sentence, by striking “The  
 15                  Secretary” and inserting the following:

16                  “(4) *REGULATIONS.*—*The Secretary*”; and

17                  (E) by inserting after paragraph (1) (as  
 18                  designated by paragraph (1) of this subsection)  
 19                  the following:

20                  “(2) *EXCEPTION.*—*Notwithstanding the limita-*  
 21 *tion described in paragraph (1), a State may pay up*  
 22 *to 90 percent of the cost of acquiring land for, ex-*  
 23 *panding, or constructing a public target range.*”.

24                  (3) *FIREARM AND BOW HUNTER EDUCATION AND*  
 25 *SAFETY PROGRAM GRANTS.*—*Section 10 of the Pitt-*

1        *man-Robertson Wildlife Restoration Act (16 U.S.C.*  
2        *669h-1) is amended—*

3                *(A) in subsection (a), by adding at the end*  
4        *the following:*

5                *“(3) ALLOCATION OF ADDITIONAL AMOUNTS.—Of*  
6        *the amount apportioned to a State for any fiscal year*  
7        *under section 4(b), the State may elect to allocate not*  
8        *more than 10 percent, to be combined with the*  
9        *amount apportioned to the State under paragraph (1)*  
10       *for that fiscal year, for acquiring land for, expanding,*  
11       *or constructing a public target range.”;*

12               *(B) by striking subsection (b) and inserting*  
13       *the following:*

14       *“(b) COST SHARING.—*

15               *“(1) IN GENERAL.—Except as provided in para-*  
16       *graph (2), the Federal share of the cost of any activity*  
17       *carried out using a grant under this section shall not*  
18       *exceed 75 percent of the total cost of the activity.*

19               *“(2) PUBLIC TARGET RANGE CONSTRUCTION OR*  
20       *EXPANSION.—The Federal share of the cost of acquir-*  
21       *ing land for, expanding, or constructing a public tar-*  
22       *get range in a State on Federal or non-Federal land*  
23       *pursuant to this section or section 8(b) shall not ex-*  
24       *ceed 90 percent of the cost of the activity.”; and*

25               *(C) in subsection (c)(1)—*

1                   (i) by striking “Amounts made” and  
 2                   inserting the following:

3                   “(A) *IN GENERAL.*—*Except as provided in*  
 4                   *subparagraph (B), amounts made*”; and

5                   (ii) by adding at the end the following:

6                   “(B) *EXCEPTION.*—*Amounts provided for*  
 7                   *acquiring land for, constructing, or expanding a*  
 8                   *public target range shall remain available for ex-*  
 9                   *penditure and obligation during the 5-fiscal-year*  
 10                   *period beginning on October 1 of the first fiscal*  
 11                   *year for which the amounts are made avail-*  
 12                   *able.*”.

13               (c) *LIMITS ON LIABILITY.*—

14               (1) *DISCRETIONARY FUNCTION.*—*For purposes of*  
 15               *chapter 171 of title 28, United States Code (com-*  
 16               *monly referred to as the “Federal Tort Claims Act”),*  
 17               *any action by an agent or employee of the United*  
 18               *States to manage or allow the use of Federal land for*  
 19               *purposes of target practice or marksmanship training*  
 20               *by a member of the public shall be considered to be*  
 21               *the exercise or performance of a discretionary func-*  
 22               *tion.*

23               (2) *CIVIL ACTION OR CLAIMS.*—*Except to the ex-*  
 24               *tent provided in chapter 171 of title 28, United States*  
 25               *Code, the United States shall not be subject to any*

1       *civil action or claim for money damages for any in-*  
2       *jury to or loss of property, personal injury, or death*  
3       *caused by an activity occurring at a public target*  
4       *range that is—*

5               *(A) funded in whole or in part by the Fed-*  
6               *eral Government pursuant to the Pittman-Rob-*  
7               *ertson Wildlife Restoration Act (16 U.S.C. 669 et*  
8               *seq.); or*

9               *(B) located on Federal land.*

10       *(d) SENSE OF CONGRESS REGARDING COOPERA-*  
11       *TION.—It is the sense of Congress that, consistent with ap-*  
12       *plicable laws and regulations, the Chief of the Forest Service*  
13       *and the Director of the Bureau of Land Management should*  
14       *cooperate with State and local authorities and other entities*  
15       *to carry out waste removal and other activities on any Fed-*  
16       *eral land used as a public target range to encourage contin-*  
17       *ued use of that land for target practice or marksmanship*  
18       *training.*

19       *(e) DEFINITION OF PUBLIC TARGET RANGE.—In this*  
20       *section, the term “public target range” means a specific lo-*  
21       *cation that—*

22               *(1) is identified by a governmental agency for*  
23       *recreational shooting;*

24               *(2) is open to the public;*

25               *(3) may be supervised; and*

1           (4) *may accommodate archery or rifle, pistol, or*  
2           *shotgun shooting.*

3   **SEC. 1080. SENSE OF CONGRESS ON ADVERSARY AIR CAPA-**  
4                           **BILITIES.**

5           *It is the sense of Congress that each facility of the De-*  
6   *partment of Defense housing an F-22 aircraft squadron*  
7   *should have adversary air capabilities to improve the train-*  
8   *ing of F-22 aircrews.*

9   **SEC. 1081. SENSE OF CONGRESS REGARDING ORGANIC AT-**  
10                       **TACK AVIATOR TRAINING CAPABILITY.**

11          *It is the sense of Congress that—*

12               (1) *retaining attack rotary wing aviation assets*  
13   *in the Army National Guard continues to be impor-*  
14   *tant;*

15               (2) *the National Guard should retain organic at-*  
16   *tack aviation training capacity; and*

17               (3) *the Western and Eastern Army Aviation*  
18   *Training Sites have proven invaluable in maintain-*  
19   *ing Army National Guard aviation readiness.*

20   **SEC. 1082. SENSE OF CONGRESS ON THE LEGACY, CON-**  
21                       **TRIBUTIONS, AND SACRIFICES OF AMERICAN**  
22                       **INDIAN AND ALASKA NATIVES IN THE ARMED**  
23                       **FORCES.**

24          (a) *FINDINGS.—Congress finds the following:*

1           (1) *The United States celebrates Native Amer-*  
2           *ican History Month each November to recognize and*  
3           *honor the history and achievements of Native Ameri-*  
4           *cans.*

5           (2) *American Indian and Alaska Natives serve*  
6           *in all branches of the Armed Forces, attend all service*  
7           *academies, and defend our country with valiance,*  
8           *pride, and honor.*

9           (3) *More than 30,000 active duty, reserve, and*  
10          *National Guard members of the Armed Forces iden-*  
11          *tify as Native American.*

12          (4) *American Indian and Alaska Natives have*  
13          *served and continue to serve in the highest propor-*  
14          *tions to population than any other ethnic group.*

15          (5) *American Indian and Alaska Natives have*  
16          *served in every war, from the Revolutionary War to*  
17          *current overseas conflicts.*

18          (6) *Native American veterans are Congressional*  
19          *Medal of Honor, Congressional Gold and Silver Med-*  
20          *als, Purple Heart, and Bronze Star Medal recipients.*

21          (7) *American Indian and Alaska Native women*  
22          *serve in Armed Forces in higher proportions than any*  
23          *other ethnic group.*



1           (8) *Native American Code Talkers and their lan-*  
2           *guages proved an invaluable asset during World Wars*  
3           *I and II.*

4           (9) *Ira Hayes, Akimel O’odham (Pima) helped*  
5           *to raise the American flag on Iwo Jima;*

6           (10) *Dr. Joseph Medicine Crow, Apsáalooke*  
7           *(Crow), served in WWII and became a war chief.*

8           (11) *Numerous present and past military air-*  
9           *craft, helicopters, and munitions programs bear the*  
10          *names of Native American tribes and tribal leaders to*  
11          *honor their legacy of martial prowess, including the*  
12          *Apache, Kiowa, Black Hawk, Lakota, Chinook,*  
13          *Huron, Iroquois, Comanche, Cayuse, Chickasaw, Ute,*  
14          *Gray Eagle, Mescalero, Tomahawk, and more.*

15          (12) *Native American tribes commonly take part*  
16          *in ceremonies alongside military units to bless new*  
17          *aircraft and mark successful inception of new fleets.*

18          (13) *More than 140,000 veterans across the*  
19          *United States identify as Native American.*

20          (14) *Each November, the Department of Defense*  
21          *honors the unique and special relationship with tribal*  
22          *communities during Native American Heritage*  
23          *Month.*

24          (b) *SENSE OF CONGRESS.—It is the sense of Congress*  
25          *that Congress—*

1           (1) *recognizes and honors the legacy and con-*  
2           *tributions of American Indian and Alaska Natives*  
3           *and tribal communities to the military of the United*  
4           *States; and*

5           (2) *commits to ensuring progress for American*  
6           *Indian and Alaska Native members of the Armed*  
7           *Forces and veterans with regard to representation in*  
8           *senior military leadership positions, improving access*  
9           *to culturally competent resources and services, and*  
10          *supporting families and tribal communities.*

11 **SEC. 1083. AMATEUR RADIO PARITY.**

12          (a) *FINDINGS.*—*Congress finds the following:*

13           (1) *More than 730,000 radio amateurs in the*  
14           *United States are licensed by the Federal Commu-*  
15           *nications Commission in the amateur radio services.*

16           (2) *Amateur radio, at no cost to taxpayers, pro-*  
17           *vides a fertile ground for technical self-training in*  
18           *modern telecommunications, electronics technology,*  
19           *and emergency communications techniques and proto-*  
20           *cols.*

21           (3) *There is a strong Federal interest in the ef-*  
22           *fective performance of amateur stations established at*  
23           *the residences of licensees. Such stations have been*  
24           *shown to be frequently and increasingly precluded by*

1        *unreasonable private land use restrictions, including*  
2        *restrictive covenants.*

3            (4) *Federal Communications Commission regula-*  
4        *tions have for three decades prohibited the application*  
5        *to stations in the amateur service of State and local*  
6        *regulations that preclude or fail to reasonably accom-*  
7        *modate amateur service communications, or that do*  
8        *not constitute the minimum practicable regulation to*  
9        *accomplish a legitimate State or local purpose. Com-*  
10       *mission policy has been and is to require States and*  
11       *localities to permit erection of a station antenna*  
12       *structure at heights and dimensions sufficient to ac-*  
13       *commodate amateur service communications.*

14           (5) *The Commission has sought guidance and di-*  
15        *rection from Congress with respect to the application*  
16        *of the Commission's limited preemption policy re-*  
17        *garding amateur service communications to private*  
18        *land use restrictions, including restrictive covenants.*

19           (6) *There are aesthetic and common property*  
20        *considerations that are uniquely applicable to private*  
21        *land use regulations and the community associations*  
22        *obligated to enforce covenants, conditions, and restric-*  
23        *tions in deed-restricted communities. These consider-*  
24        *ations are dissimilar to those applicable to State law*

1        *and local ordinances regulating the same residential*  
2        *amateur radio facilities.*

3            *(7) In recognition of these considerations, a sepa-*  
4        *rate Federal policy than exists at section 97.15(b) of*  
5        *title 47, Code of Federal Regulations, is warranted*  
6        *concerning amateur service communications in deed-*  
7        *restricted communities.*

8            *(8) Community associations should fairly ad-*  
9        *minister private land use regulations in the interest*  
10       *of their communities, while nevertheless permitting*  
11       *the installation and maintenance of effective outdoor*  
12       *amateur radio antennas. There exist antenna designs*  
13       *and installations that can be consistent with the aes-*  
14       *thetics and physical characteristics of land and struc-*  
15       *tures in community associations while accommo-*  
16       *dating communications in the amateur radio services.*

17        *(b) APPLICATION OF PRIVATE LAND USE RESTRIC-*  
18       *TIONS TO AMATEUR STATIONS.—*

19            *(1) AMENDMENT OF FCC RULES.—Not later than*  
20       *120 days after the date of the enactment of this Act,*  
21       *the Federal Communications Commission shall*  
22       *amend section 97.15 of title 47, Code of Federal Regu-*  
23       *lations, by adding a new paragraph that prohibits*  
24       *the application to amateur stations of any private*

1       *land use restriction, including a restrictive covenant,*  
2       *that—*

3               *(A) on its face or as applied, precludes com-*  
4               *munications in an amateur radio service;*

5               *(B) fails to permit a licensee in an amateur*  
6               *radio service to install and maintain an effective*  
7               *outdoor antenna on property under the exclusive*  
8               *use or control of the licensee; or*

9               *(C) does not constitute the minimum prac-*  
10              *ticable restriction on such communications to ac-*  
11              *complish the lawful purposes of a community as-*  
12              *sociation seeking to enforce such restriction.*

13              *(2) ADDITIONAL REQUIREMENTS.—In amending*  
14              *its rules as required by subsection (a), the Commis-*  
15              *sion shall—*

16              *(A) require any licensee in an amateur*  
17              *radio service to notify and obtain prior approval*  
18              *from a community association concerning instal-*  
19              *lation of an outdoor antenna;*

20              *(B) permit a community association to pro-*  
21              *hibit installation of any antenna or antenna*  
22              *support structure by a licensee in an amateur*  
23              *radio service on common property not under the*  
24              *exclusive use or control of the licensee; and*

1           (C) subject to the standards specified in  
2           paragraphs (1) and (2) of subsection (a), permit  
3           a community association to establish reasonable  
4           written rules concerning height, location, size,  
5           and aesthetic impact of, and installation require-  
6           ments for, outdoor antennas and support struc-  
7           tures for the purpose of conducting communica-  
8           tions in the amateur radio services.

9           (c) *AFFIRMATION OF LIMITED PREEMPTION OF STATE*  
10 *AND LOCAL LAND USE REGULATION.*—*The Federal Com-*  
11 *munications Commission may not change section 97.15(b)*  
12 *of title 47, Code of Federal Regulations, which shall remain*  
13 *applicable to State and local land use regulation of amateur*  
14 *service communications.*

15          (d) *DEFINITIONS.*—*In this section:*

16           (1) *The term “community association” means*  
17 *any non-profit mandatory membership organization*  
18 *composed of owners of real estate described in a dec-*  
19 *laration of covenants or created pursuant to a cov-*  
20 *enant or other applicable law with respect to which*  
21 *a person, by virtue of the person’s ownership of or in-*  
22 *terest in a unit or parcel, is obligated to pay for a*  
23 *share of real estate taxes, insurance premiums, main-*  
24 *tenance, improvement, services, or other expenses re-*  
25 *lated to common elements, other units, or any other*

1       *real estate other than the unit or parcel described in*  
2       *the declaration.*

3               (2) *The terms “amateur radio services”, “ama-*  
4       *teur service”, and “amateur station” have the mean-*  
5       *ings given such terms in section 97.3 of title 47, Code*  
6       *of Federal Regulations.*

7       **SEC. 1084. SENSE OF CONGRESS REGARDING THE INTER-**  
8               **NATIONAL BORDERS OF THE UNITED STATES.**

9       *It is the sense of Congress that—*

10              (1) *gaining and maintaining situational aware-*  
11       *ness and operational control of the international bor-*  
12       *ders of the United States is critical to national secu-*  
13       *rity;*

14              (2) *the United States Government must devote*  
15       *adequate resources to securing the border, both at, and*  
16       *between, ports of entry, and the agency tasked with*  
17       *that mission, the Department of Homeland Security,*  
18       *should be adequately resourced to conduct such mis-*  
19       *sion; and*

20              (3) *the Department of Defense must ensure that*  
21       *when it acts in support of that mission, such as when*  
22       *mobilized by the President to conduct homeland de-*  
23       *fense activities, or when military facilities are adja-*  
24       *cent to an international border of the United States,*  
25       *it has adequate resources, capabilities, and authorities*

1       to carry out the mission while maintaining combat  
2       readiness.

3   **SEC. 1085. PROGRAM TO COMMEMORATE 75TH ANNIVER-**  
4                   **SARY OF WORLD WAR II.**

5       (a) *COMMEMORATIVE PROGRAM AUTHORIZED.*—The  
6   Secretary of Defense shall conduct a program to commemo-  
7   rate the 75th anniversary of World War II. In conducting  
8   the commemorative program, the Secretary shall support  
9   and facilitate other programs and activities of the Federal  
10  Government, State and local governments, and not-for-prof-  
11  it organizations in commemoration of the 75th anniversary  
12  of World War II.

13      (b) *COMMEMORATIVE ACTIVITIES AND OBJECTIVES.*—  
14  The commemorative program may include activities and  
15  ceremonies to achieve the following objectives:

16           (1) *To thank and honor veterans of World War*  
17       *II, including personnel who were held as prisoners of*  
18       *war or listed as missing in action, for their service*  
19       *and sacrifice on behalf of the United States and to*  
20       *thank and honor the families of these veterans.*

21           (2) *To educate the public about the history of*  
22       *World War II and highlight the service of the Armed*  
23       *Forces during World War II and the contributions of*  
24       *Federal agencies and governmental and nongovern-*



1        *mental organizations that served with, or in support*  
2        *of, the Armed Forces.*

3            (3) *To pay tribute to the contributions made on*  
4        *the home front by the people of the United States dur-*  
5        *ing World War II.*

6            (4) *To recognize the contributions and sacrifices*  
7        *made by the allies of the United States during World*  
8        *War II.*

9        (c) *NAMES AND SYMBOLS.—The Secretary of Defense*  
10       *shall have the sole and exclusive right to use the name “The*  
11       *United States of America 75th Anniversary of World War*  
12       *II Commemoration”, and such seal, emblems, and badges*  
13       *incorporating such name as the Secretary may lawfully*  
14       *adopt. Nothing in this section may be construed to super-*  
15       *sede rights that are established or vested before the date of*  
16       *the enactment of this Act.*

17       (d) *COMMEMORATIVE FUND.—*

18            (1) *ESTABLISHMENT AND ADMINISTRATION.—*  
19        *Upon the Secretary establishing the commemorative*  
20        *program under subsection (a), the Secretary of the*  
21        *Treasury shall establish in the Treasury of the United*  
22        *States an account to be known as the “Department of*  
23        *Defense World War II Commemoration Fund” (in*  
24        *this section referred to as the “Fund”). The Fund*  
25        *shall be administered by the Secretary of Defense.*

1           (2) *USE OF FUND.*—*The Secretary of Defense*  
2           *shall use the assets of the Fund only for the purpose*  
3           *of conducting the commemorative program and pro-*  
4           *viding grants to State and local governments and*  
5           *not-for-profit organizations for commemorative activi-*  
6           *ties, and shall prescribe such regulations regarding*  
7           *the use of the Fund as the Secretary considers to be*  
8           *necessary.*

9           (3) *DEPOSITS.*—*The following shall be deposited*  
10          *into the Fund:*

11                 (A) *Amounts appropriated to the Fund.*

12                 (B) *Proceeds derived from the Secretary's*  
13                 *use of the exclusive rights described in subsection*  
14                 *(c).*

15                 (C) *Donations made in support of the com-*  
16                 *memorative program by private and corporate*  
17                 *donors.*

18                 (D) *Funds transferred to the Fund by the*  
19                 *Secretary from funds appropriated for fiscal*  
20                 *year 2019 and subsequent years for the Depart-*  
21                 *ment of Defense.*

22           (4) *AVAILABILITY.*—*Subject to subsection (f)(2),*  
23           *amounts deposited under paragraph (3) shall con-*  
24           *stitute the assets of the Fund and remain available*  
25           *until expended.*

1           (5) *BUDGET REQUEST.*—*The Secretary of De-*  
2           *fense may establish a separate budget line for the*  
3           *commemorative program. In the budget justification*  
4           *materials submitted by the Secretary in support of*  
5           *the budget of the President for any fiscal year for*  
6           *which the Secretary establishes the separate budget*  
7           *line, the Secretary shall—*

8                     *(A) identify and explain any amounts ex-*  
9                     *pende**d for the commemorative program in the*  
10                    *fiscal year preceding the budget request;*

11                    *(B) identify and explain the amounts being*  
12                    *requested to support the commemorative program*  
13                    *for the fiscal year of the budget request; and*

14                    *(C) present a summary of the fiscal status*  
15                    *of the Fund.*

16       *(e) ACCEPTANCE OF VOLUNTARY SERVICES.—*

17           (1) *AUTHORITY TO ACCEPT SERVICES.*—*Notwith-*  
18           *standing section 1342 of title 31, United States Code,*  
19           *the Secretary of Defense may accept from any person*  
20           *voluntary services to be provided in furtherance of the*  
21           *commemorative program. The Secretary of Defense*  
22           *shall prohibit the solicitation of any voluntary serv-*  
23           *ices if the nature or circumstances of such solicitation*  
24           *would compromise the integrity or the appearance of*

1       *integrity of any program of the Department of De-*  
2       *fense or of any individual involved in the program.*

3               (2) *REIMBURSEMENT OF INCIDENTAL EX-*  
4       *PENSES.—The Secretary may provide for reimburse-*  
5       *ment of incidental expenses incurred by a person pro-*  
6       *viding voluntary services under this subsection. The*  
7       *Secretary shall determine which expenses are eligible*  
8       *for reimbursement under this paragraph.*

9       (f) *FINAL REPORT.—*

10              (1) *REPORT REQUIRED.—Not later than 60 days*  
11       *after the end of the commemorative program estab-*  
12       *lished by the Secretary of Defense under subsection*  
13       *(a), the Secretary shall submit to Congress a report*  
14       *containing an accounting of—*

15                      (A) *all of the funds deposited into and ex-*  
16                      *pended from the Fund;*

17                      (B) *any other funds expended under this*  
18                      *section; and*

19                      (C) *any unobligated funds remaining in the*  
20                      *Fund.*

21              (2) *TREATMENT OF UNOBLIGATED FUNDS.—Un-*  
22       *obligated amounts remaining in the Fund as of the*  
23       *end of the commemorative period shall be held in the*  
24       *Fund until transferred by law.*

1       (g) *LIMITATION ON EXPENDITURES.*—Total expendi-  
 2       tures from the Fund, using amounts appropriated to the  
 3       Department of Defense, may not exceed \$5,000,000 for fiscal  
 4       year 2019 or for any subsequent fiscal year to carry out  
 5       the commemorative program.

6       (h) *FUNDING.*—Of the amount authorized to be appro-  
 7       priated by this Act or otherwise made available for fiscal  
 8       year 2019 for operation and maintenance, Defense-wide ac-  
 9       tivities, \$2,000,000 shall be available for deposit in the  
 10      Fund.

## 11      ***TITLE XI—CIVILIAN PERSONNEL*** 12                                   ***MATTERS***

### 13      ***SEC. 1101. DIRECT HIRE AUTHORITY FOR THE DEPART-*** 14                                   ***MENT OF DEFENSE FOR CERTAIN COMPETI-*** 15                                   ***TIVE SERVICE POSITIONS.***

16      (a) *IN GENERAL.*—Chapter 99 of title 5, United States  
 17      Code, is amended by adding at the end the following:

#### 18      ***“§ 9905. Direct hire authority for certain personnel of*** 19                                   ***the Department of Defense***

20      “(a) *IN GENERAL.*—The Secretary of Defense may ap-  
 21      point, without regard to the provisions of subchapter I of  
 22      chapter 33 (other than sections 3303 and 3328 of such chap-  
 23      ter), qualified candidates to any of the following positions  
 24      in the competitive service in the Department of Defense:

1           “(1) *Any position involved with Department*  
2           *maintenance activities, including depot-level mainte-*  
3           *nance and repair.*

4           “(2) *Any position involved with cybersecurity.*

5           “(3) *Any individual in the acquisition workforce*  
6           *that manages any services contracts necessary to the*  
7           *operation and maintenance of programs of the De-*  
8           *partment.*

9           “(4) *Any science, technology, or engineering po-*  
10          *sition, including any such position at the Major*  
11          *Range and Test Facilities Base, in order to allow de-*  
12          *velopment of new systems and provide for the mainte-*  
13          *nance of legacy systems.*

14          “(b) *SUNSET.—Effective on September 30, 2025, the*  
15          *authority provided under subsection (a) shall expire.”.*

16          “(b) *CLERICAL AMENDMENT.—The table of sections at*  
17          *the beginning of chapter 99 of such title is amended by in-*  
18          *serting after the item relating to section 9904 the following*  
19          *new item:*

          “9905. *Direct hire authority for certain personnel of the Department of Defense.”.*

1 **SEC. 1102. MODIFICATION OF DIRECT HIRE AUTHORITY FOR**  
2 **THE DEPARTMENT OF DEFENSE FOR POST-**  
3 **SECONDARY STUDENTS AND RECENT GRAD-**  
4 **UATES.**

5 (a) *IN GENERAL.*—Chapter 99 of title 5, United States  
6 Code, as amended by section 1101(a), is further amended  
7 by adding at the end the following:

8 **“§ 9906. Direct hire authority for the Department of**  
9 **Defense for post-secondary students and**  
10 **recent graduates**

11 “(a) *IN GENERAL.*—Without regard to sections 3309  
12 through 3318, 3327, and 3330, the Secretary of Defense may  
13 recruit and appoint qualified recent graduates and current  
14 post-secondary students to competitive service positions in  
15 professional and administrative occupations within the De-  
16 partment of Defense.

17 “(b) *REGULATIONS.*—

18 “(1) *IN GENERAL.*—The Secretary shall admin-  
19 ister this section in accordance with regulations pre-  
20 scribed by the Secretary for purposes of this section.

21 “(2) *PUBLIC NOTICE AND ADVERTISING.*—To the  
22 extent practical, as determined by the Secretary, the  
23 Secretary shall publicly advertise positions available  
24 under this section. In carrying out the preceding sen-  
25 tence, the Secretary shall—

1           “(A) take into account merit system prin-  
2           ciples, mission requirements, costs, and organiza-  
3           tional benefits of any advertising of positions;  
4           and

5           “(B) advertise such positions in the manner  
6           the Secretary determines is most likely to pro-  
7           vide diverse and qualified candidates and ensure  
8           potential applicants have appropriate informa-  
9           tion relevant to the positions available.

10          “(c) *DEFINITIONS.*—In this section—

11           “(1) the term ‘current post-secondary student’  
12          means a person who—

13           “(A) is currently enrolled in, and in good  
14           academic standing at, a full-time program at an  
15           institution of higher education;

16           “(B) is making satisfactory progress toward  
17           receipt of a baccalaureate or graduate degree;  
18           and

19           “(C) has completed at least one year of the  
20           program;

21           “(2) the term ‘institution of higher education’  
22          has the meaning given the term in section 101 of the  
23          Higher Education Act of 1965 (20 U.S.C. 1001); and

24           “(3) the term ‘recent graduate’, with respect to  
25          appointment of a person under this section, means a



1        *person who was awarded a degree by an institution*  
2        *of higher education not more than two years before*  
3        *the date of the appointment of such person, except*  
4        *that in the case of a person who has completed a pe-*  
5        *riod of obligated service in a uniformed service of*  
6        *more than four years, such term means a person who*  
7        *was awarded a degree by an institution of higher edu-*  
8        *cation not more than four years before the date of the*  
9        *appointment of such person.*

10        *“(d) SUNSET.—Effective on September 30, 2025, the*  
11        *authority provided under this section shall expire.”.*

12        *(b) CLERICAL AMENDMENT.—The table of sections at*  
13        *the beginning of chapter 99 of such title, as amended by*  
14        *section 1101(b), is further amended by inserting after the*  
15        *item relating to section 9905 the following new item:*

*“9906. Direct hire authority for the Department of Defense for post-secondary stu-*  
*dents and recent graduates.”.*

16        *(c) REPEAL.—Section 1106 of the National Defense*  
17        *Authorization Act for Fiscal Year 2017 (Public Law 114–*  
18        *328) is repealed.*

1 **SEC. 1103. EXTENSION OF OVERTIME RATE AUTHORITY FOR**  
 2 **DEPARTMENT OF THE NAVY EMPLOYEES PER-**  
 3 **FORMING WORK ABOARD OR DOCKSIDE IN**  
 4 **SUPPORT OF THE NUCLEAR-POWERED AIR-**  
 5 **CRAFT CARRIER FORWARD DEPLOYED IN**  
 6 **JAPAN.**

7 *Section 5542(a)(6)(B) of title 5, United States Code,*  
 8 *is amended by striking “September 30, 2019” and inserting*  
 9 *“September 30, 2021”.*

10 **SEC. 1104. ONE-YEAR EXTENSION AND EXPANSION OF AU-**  
 11 **THORITY TO WAIVE ANNUAL LIMITATION ON**  
 12 **PREMIUM PAY AND AGGREGATE LIMITATION**  
 13 **ON PAY FOR FEDERAL CIVILIAN EMPLOYEES**  
 14 **WORKING OVERSEAS.**

15 *(a) IN GENERAL.—Section 1101(a) of the Duncan*  
 16 *Hunter National Defense Authorization Act for Fiscal Year*  
 17 *2009 (Public Law 110–417; 122 Stat. 4615), as most re-*  
 18 *cently amended by section 1105 of the National Defense Au-*  
 19 *thorization Act for Fiscal Year 2018 (Public Law 115–91),*  
 20 *is amended by striking “through 2018” and inserting*  
 21 *“through 2019”.*

22 *(b) APPLICABILITY OF AGGREGATE LIMITATION ON*  
 23 *PAY.—Section 1101(b) of the Duncan Hunter National De-*  
 24 *fense Authorization Act for Fiscal Year 2009 (Public Law*  
 25 *110–417; 122 Stat. 4615) is amended to read as follows:*

1       “(b) *APPLICABILITY OF AGGREGATE LIMITATION ON*  
 2 *PAY.*—*In applying section 5307 of title 5, United States*  
 3 *Code, any payment in addition to basic pay for a period*  
 4 *of time during which a waiver under subsection (a) is in*  
 5 *effect shall not be counted as part of an employee’s aggregate*  
 6 *compensation for the given calendar year.”.*

7       (c) *EFFECTIVE DATE.*—*This section and the amend-*  
 8 *ments made by this section shall take effect on January 1,*  
 9 *2019.*

10 ***SEC. 1105. APPOINTMENT OF RETIRED MEMBERS OF THE***  
 11 ***ARMED FORCES TO POSITIONS IN OR UNDER***  
 12 ***THE DEPARTMENT OF DEFENSE.***

13       (a) *IN GENERAL.*—*During fiscal years 2018 through*  
 14 *2021, in addition to the authority provided under para-*  
 15 *graphs (1) and (2) of subsection (b) of section 3326 of title*  
 16 *5, United States Code, and consistent with the requirements*  
 17 *of such section, a retired member of the armed forces may*  
 18 *be appointed under such subsection if—*

19               (1) *the Department of Defense (including a non-*  
 20 *appropriated fund instrumentality under the jurisdic-*  
 21 *tion of the armed forces) has been granted direct hire*  
 22 *authority to fill the position;*

23               (2) *the appointment is to fill an emergency ap-*  
 24 *pointment for which the Secretary concerned or his*  
 25 *designee for the purpose determines competitive ap-*

1        *pointment is not appropriate or reasonable due to the*  
2        *need to fill the emergency need as quickly as possible;*  
3        *or*

4                *(3) the appointment is for a highly qualified ex-*  
5        *pert under section 9903 of such title.*

6        *(b) BRIEFING.—Not later than 90 days after the end*  
7        *of each of fiscal years 2018 through 2021, the Secretary of*  
8        *Defense shall provide a briefing to the Committee on Armed*  
9        *Services of the House of Representatives and the Committee*  
10       *on Oversight and Government Reform of the House of Rep-*  
11       *resentatives including—*

12                *(1) with respect to the waiver process under sec-*  
13        *tion 3326(b)(1) of title 5, United States Code—*

14                        *(A) the number of individuals appointed*  
15                        *during the most recently ended fiscal year under*  
16                        *such process; and*

17                        *(B) the Department of Defense’s plan on the*  
18                        *use of such process during the fiscal year in*  
19                        *which the briefing is provided;*

20                *(2) the number of individuals—*

21                        *(A) appointed under the authority provided*  
22                        *by subsection (a) during the most recently ended*  
23                        *fiscal year; and*

1           (B) expected to be appointed under such  
 2           subsection during the fiscal year in which the  
 3           briefing is provided; and

4           (3) the impact of subsection (a) on the manage-  
 5           ment of the Department civilian workforce during the  
 6           most recently ended fiscal year.

7   **SEC. 1106. EXTENSION OF AUTHORITY TO CONDUCT**  
 8           **TELEWORK TRAVEL EXPENSES TEST PRO-**  
 9           **GRAMS.**

10       (a) *IN GENERAL.*—Section 5711(g) of title 5, United  
 11       States Code, is amended by striking “7 years after the date  
 12       of the enactment of the Telework Enhancement Act of 2010”  
 13       and inserting “on December 31, 2020”.

14       (b) *EFFECTIVE DATE.*—The amendment made by sub-  
 15       section (a) shall take effect as though enacted on December  
 16       1, 2017.

17   **SEC. 1107. PERSONNEL DEMONSTRATION PROJECTS.**

18       Section 4703 of title 5, United States Code, is amend-  
 19       ed—

20           (1) in subsection (d), by striking paragraph (2)  
 21       and inserting the following:

22       “(2)(A) Except as provided in subparagraph (B), not  
 23       more than 10 active demonstration projects may be in effect  
 24       at any time.

1       “(B) *Any demonstration project authorized under this*  
2 *section that is active for a period greater than 10 years*  
3 *shall not count for purposes of applying the limitation in*  
4 *subparagraph (A).”*; and

5               (2) *by adding at the end the following:*

6       “(j) *Each agency at which a demonstration project is*  
7 *ongoing shall submit an annual report to the Office of Per-*  
8 *sonnel Management, the Office and Management and Budg-*  
9 *et, the Committee on Homeland Security and Governmental*  
10 *Affairs of the United States Senate, and the Committee on*  
11 *Oversight and Government Reform of the United States*  
12 *House of Representatives that includes—*

13               “(1) *the aggregate performance appraisal ratings*  
14 *and compensation costs for employees under a dem-*  
15 *onstration project;*

16               “(2) *an assessment of the results of the dem-*  
17 *onstration project, including its impact on mission*  
18 *goals, employee recruitment, retention, and satisfac-*  
19 *tion, and which may include the results of the survey*  
20 *authorized under section 1128 of the National Defense*  
21 *Authorization Act for Fiscal Year 2004 (Public Law*  
22 *108–136; 5 U.S.C. 7101 note), commonly referred to*  
23 *as the Federal Employee Viewpoint Survey, and per-*  
24 *formance management for employees; and*

1           “(3) a comparison of the items listed in (1) and  
 2           (2) with employees not covered by the demonstration  
 3           project.”.

4 **SEC. 1108. EXPANDED FLEXIBILITY IN SELECTING CAN-**  
 5 **DIDATES FROM REFERRAL LISTS.**

6           (a) *EXPANDED FLEXIBILITY.*—Subchapter I of chapter  
 7 33 of title 5, United States Code, is amended by striking  
 8 sections 3317 and 3318 and inserting the following:

9 **“§3317. Competitive service; certification using nu-**  
 10 **merical ratings**

11           “(a) *CERTIFICATION.*—

12           “(1) *IN GENERAL.*—The Director of the Office of  
 13 Personnel Management, or the head of an agency to  
 14 which the Director has delegated examining authority  
 15 under section 1104(a)(2), shall certify a sufficient  
 16 number of names from the top of the appropriate reg-  
 17 ister or list of eligibles, as determined pursuant to  
 18 regulations prescribed under subsection (c), and pro-  
 19 vide a certificate with such names to an appointing  
 20 authority that has requested a certificate of eligibles  
 21 to consider when filling a job in the competitive serv-  
 22 ice.

23           “(2) *MINIMUM NUMBER OF NAMES CERTIFIED.*—  
 24 Unless otherwise provided for in regulations pre-  
 25 scribed under subsection (c), the number of names cer-

1        *tified under paragraph (1) shall be not less than*  
 2        *three.*

3        “(b) *DISCONTINUANCE OF CERTIFICATION.*—When an  
 4        *appointing authority, for reasons considered sufficient by*  
 5        *the Director or head of an agency, has three times consid-*  
 6        *ered and passed over a preference eligible who was certified*  
 7        *from a register, the Director or head of any agency may*  
 8        *discontinue certifying the preference eligible for appoint-*  
 9        *ment. The Director or the head of an agency shall provide*  
 10       *to such preference eligible notice of the intent to discontinue*  
 11       *certifying such preference eligible prior to the discontinu-*  
 12       *ance of certification.*

13       “(c) *REGULATIONS.*—The Director shall prescribe reg-  
 14       *ulations for the administration of this section. Such regula-*  
 15       *tions shall include the establishment of mechanisms for*  
 16       *identifying the eligibles who will be considered for each va-*  
 17       *cancy. Such mechanisms may include cut-off scores.*

18       “(d) *DEFINITION.*—In this section, the term ‘Director’  
 19       *means the Director of the Office of Personnel Management.*

20       **“§ 3318. Competitive service; selections using numer-**  
 21       **ical ratings**

22       “(a) *IN GENERAL.*—An appointing authority shall se-  
 23       *lect for appointment from the eligibles certified for appoint-*  
 24       *ment on a certificate furnished under section 3317(a), un-*  
 25       *less objection to one or more of the individuals certified is*



1 *made to, and sustained by, the Director of the Office of Per-*  
2 *sonnel Management or the head of an agency to which the*  
3 *Director has delegated examining authority under section*  
4 *1104(a)(2), for proper and adequate reason under regula-*  
5 *tions prescribed by the Director.*

6 “(b) *OTHER APPOINTING AUTHORITIES.*—

7 “(1) *IN GENERAL.*—During the 240-day period  
8 *beginning on the date of issuance of a certificate of*  
9 *eligibles under section 3317(a), an appointing author-*  
10 *ity other than the appointing authority requesting the*  
11 *certificate (in this subsection referred to as the ‘other*  
12 *appointing authority’)* may select an individual from  
13 *that certificate in accordance with this subsection for*  
14 *an appointment to a position that is—*

15 “(A) *in the same occupational series as the*  
16 *position for which the certification of eligibles*  
17 *was issued (in this subsection referred to as the*  
18 *‘original position’); and*

19 “(B) *at a similar grade level as the original*  
20 *position.*

21 “(2) *APPLICABILITY.*—An appointing authority  
22 *requesting a certificate of eligibles may share the cer-*  
23 *tificate with another appointing authority only if the*  
24 *announcement of the original position provided notice*

1       *that the resulting list of eligible candidates may be*  
2       *used by another appointing authority.*

3               “(3) *REQUIREMENTS.—The selection of an indi-*  
4       *vidual under paragraph (1)—*

5                       “(A) *shall be made in accordance with sub-*  
6       *section (a); and*

7                       “(B) *subject to paragraph (4), may be made*  
8       *without any additional posting under section*  
9       *3327.*

10               “(4) *INTERNAL NOTICE.—Before selecting an in-*  
11       *dividual under paragraph (1), the other appointing*  
12       *authority shall—*

13                       “(A) *provide notice of the available position*  
14       *to employees of the other appointing authority;*

15                       “(B) *provide up to 10 business days for em-*  
16       *ployees of the other appointing authority to*  
17       *apply for the position; and*

18                       “(C) *review the qualifications of employees*  
19       *submitting an application.*

20               “(c) *PASS OVER.—*

21                       “(1) *IN GENERAL.—Subject to subparagraph (2),*  
22       *if an appointing authority proposes to pass over a*  
23       *preference eligible certified for appointment under*  
24       *subsection (a) and select an individual who is not a*  
25       *preference eligible, the appointing authority shall file*

1 *written reasons with the Director or the head of the*  
2 *agency for passing over the preference eligible. The*  
3 *Director or the head of the agency shall make the rea-*  
4 *sons presented by the appointing authority part of the*  
5 *record of the preference eligible and may require the*  
6 *submission of more detailed information from the ap-*  
7 *pointing authority in support of the passing over of*  
8 *the preference eligible. The Director or the head of the*  
9 *agency shall determine the sufficiency or insufficiency*  
10 *of the reasons submitted by the appointing authority,*  
11 *taking into account any response received from the*  
12 *preference eligible under paragraph (2). When the Di-*  
13 *rector or the head of the agency has completed review*  
14 *of the proposed pass-over of the preference eligible, the*  
15 *Director or the head of the agency shall send its find-*  
16 *ings to the appointing authority and to the preference*  
17 *eligible. The appointing authority shall comply with*  
18 *the findings.*

19 *“(2) PREFERENCE ELIGIBLE INDIVIDUALS WHO*  
20 *HAVE A COMPENSABLE SERVICE-CONNECTED DIS-*  
21 *ABILITY.—In the case of a preference eligible described*  
22 *in section 2108(3)(C) who has a compensable service-*  
23 *connected disability of 30 percent or more, the ap-*  
24 *pointing authority shall notify the Director under*  
25 *paragraph (1) and, at the same time, notify the pref-*

1        *erence eligible of the proposed pass-over, of the reasons*  
2        *for the proposed pass-over, and of the individual's*  
3        *right to respond to those reasons to the Director with-*  
4        *in 15 days of the date of the notification. The Direc-*  
5        *tor shall, before completing the review under para-*  
6        *graph (1), require a demonstration by the appointing*  
7        *authority that the notification was timely sent to the*  
8        *preference eligible's last known address.*

9                *“(3) FURTHER CONSIDERATION NOT RE-*  
10        *QUIRED.—When a preference eligible, for reasons con-*  
11        *sidered sufficient by the Director, or in the case of a*  
12        *preference eligible described in paragraph (1), by the*  
13        *head of an agency, has been passed over in accordance*  
14        *with this subsection for the same position, the ap-*  
15        *pointing authority is not required to give further con-*  
16        *sideration to that preference eligible while selecting*  
17        *from the same list for a subsequent appointment to*  
18        *such position.*

19                *“(4) DELEGATION PROHIBITION.—In the case of*  
20        *a preference eligible described in paragraph (2), the*  
21        *functions of the Director under this subsection may*  
22        *not be delegated to an individual who is not an offi-*  
23        *cer or employee of the Office of Personnel Manage-*  
24        *ment.*

1       “(d) *SPECIAL RULE REGARDING REEMPLOYMENT*  
2 *LISTS.*—When the names of preference eligibles are on a  
3 reemployment list appropriate for the position to be filled,  
4 an appointing authority may appoint from a register of  
5 eligibles established after examination only an individual  
6 who qualifies as a preference eligible under subparagraph  
7 (C), (D), (E), (F), or (G) of section 2108(3).

8       “(e) *CONSIDERATION NOT REQUIRED.*—In accordance  
9 with regulations prescribed by the Director, an appointing  
10 officer is not required to consider an eligible who has been  
11 considered by the appointing officer for three separate ap-  
12 pointments from the same or different certificates for the  
13 same position.

14       “(f) *REGULATIONS.*—The Director shall prescribe reg-  
15 ulations for the administration of this section.

16       “(d) *DEFINITION.*—In this section, the term ‘Director’  
17 means the Director of the Office of Personnel Manage-  
18 ment.”.

19       (b) *CONFORMING AMENDMENTS.*—Such subchapter is  
20 further amended—

21               (1) in section 3319—

22                       (A) by amending the section heading to  
23 read as follows:

1 **“§ 3319. Competitive service; selection using category**  
2 **rating”;** and

3 *(B) in subsection (c), by striking paragraph*  
4 *(6), redesignating paragraph (7) as paragraph*  
5 *(6), and amending paragraph (6) (as so redesign-*  
6 *ated) to read as follows:*

7 *“(6) PREFERENCE ELIGIBLES.—*

8 *“(A) SATISFACTION OF CERTAIN REQUIRE-*  
9 *MENTS.—Notwithstanding paragraphs (1) and*  
10 *(2), an appointing official may not pass over a*  
11 *preference eligible in the same category from*  
12 *which selection is made, unless the requirements*  
13 *of sections 3317(b) and 3318(c), as applicable,*  
14 *are satisfied.*

15 *“(B) FURTHER CONSIDERATION NOT RE-*  
16 *QUIRED.—When a preference eligible, for reasons*  
17 *considered sufficient by the Director, or in the*  
18 *case of a preference eligible described in section*  
19 *3318(c)(1), by the head of an agency, has been*  
20 *passed over in accordance with section 3318(c)*  
21 *for the same position, the appointing authority*  
22 *is not required to give further consideration to*  
23 *that preference eligible while selecting from the*  
24 *same list for a subsequent appointment to such*  
25 *position.*

1                   “(C) *LIST OF ELIGIBLES ISSUED FROM A*  
2                   *STANDING REGISTER; DISCONTINUATION OF CER-*  
3                   *TIFICATION.—In the case of lists of eligibles*  
4                   *issued from a standing register, when an ap-*  
5                   *pointing authority, for reasons considered suffi-*  
6                   *cient by the Director or the head of an agency,*  
7                   *has three times considered and passed over a*  
8                   *preference eligible who was certified from a reg-*  
9                   *ister, certification of the preference eligible for*  
10                  *appointment may be discontinued. However, the*  
11                  *preference eligible is entitled to advance notice of*  
12                  *discontinuance of certification in accordance*  
13                  *with regulations prescribed by the Director.”;*  
14                  *and*

15                  *(2) in the first sentence of section 3320, by strik-*  
16                  *ing “sections 3308–3318” and inserting “sections*  
17                  *3308 through 3319”.*

18                  *(c) CLERICAL AMENDMENT.—The table of sections at*  
19                  *the beginning of such chapter is amended by striking the*  
20                  *items relating to sections 3317, 3318, and 3319 and insert-*  
21                  *ing the following:*

*“3317. Competitive service; certification using numerical ratings*

*“3318. Competitive service; selection using numerical ratings*

*“3319. Competitive service; selection using category rating”.*

22                  *(d) EFFECTIVE DATE.—*

23                  *(1) IN GENERAL.—The amendments made by*  
24                  *this section shall take effect on the date on which the*

1     *Director of the Office of Personnel Management issues*  
 2     *final regulations to implement sections 3317, 3318,*  
 3     *and 3319 of title 5, United States Code, as amended*  
 4     *or added by this section.*

5             (2) *REGULATIONS REQUIRED.—The Director*  
 6     *shall issue regulations under paragraph (1) not later*  
 7     *than one year after the date of enactment of this sec-*  
 8     *tion.*

9     **SEC. 1109. TEMPORARY AND TERM APPOINTMENTS IN THE**  
 10            **COMPETITIVE SERVICE.**

11           (a) *TEMPORARY AND TERM APPOINTMENTS.—Sub-*  
 12     *chapter I of chapter 31 of title 5, United States Code, is*  
 13     *amended by adding at the end the following:*

14     **“§ 3115. Temporary and term appointments**

15           “(a) *DEFINITIONS.—In this section:*

16                 “(1) *DIRECTOR.—The term ‘Director’ means the*  
 17     *Director of the Office of Personnel Management.*

18                 “(2) *TEMPORARY APPOINTMENT.—The term*  
 19     *‘temporary appointment’ means an appointment in*  
 20     *the competitive service for a period of not more than*  
 21     *1 year.*

22                 “(3) *TERM APPOINTMENT.—The term ‘term ap-*  
 23     *pointment’ means an appointment in the competitive*  
 24     *service for a period of more than 1 year and not more*  
 25     *than 5 years.*



1       “(b) *APPOINTMENT.*—

2               “(1) *IN GENERAL.*—*The head of an Executive*  
3       *agency may make a temporary appointment or term*  
4       *appointment to a position in the competitive service*  
5       *when the need for the services of the employee services*  
6       *is not permanent.*

7               “(2) *EXTENSION.*—*Under conditions prescribed*  
8       *by the Director, the head of an Executive agency*  
9       *may—*

10              “(A) *extend a temporary appointment made*  
11       *under paragraph (1) in increments of not more*  
12       *than 1 year, up to a maximum of 3 total years*  
13       *of service; and*

14              “(B) *extend a term appointment made*  
15       *under paragraph (1) in increments determined*  
16       *appropriate by the head of the Executive agency,*  
17       *up to a maximum of 6 total years of service.*

18       “(c) *APPOINTMENTS FOR CRITICAL HIRING NEEDS.*—  
19       *Under conditions prescribed by the Director, the head of*  
20       *an Executive agency may make a noncompetitive tem-*  
21       *porary appointment, or a noncompetitive term appoint-*  
22       *ment for a period of not more than 18 months, to a position*  
23       *in the competitive service for which a critical hiring need*  
24       *exists, without regard to the requirements of sections 3327*

1 *and 3330. An appointment made under this subsection may*  
 2 *not be extended.*

3 “(d) *REGULATIONS.—The Director may prescribe reg-*  
 4 *ulations to carry out this section, but is not required to*  
 5 *promulgate regulations prior to implementation of this sec-*  
 6 *tion.*

7 “(e) *SPECIAL PROVISION REGARDING THE DEPART-*  
 8 *MENT OF DEFENSE.—Nothing in this section shall preclude*  
 9 *the Secretary of Defense from making temporary and term*  
 10 *appointments in the competitive service pursuant to section*  
 11 *1105 of the National Defense Authorization Act for Fiscal*  
 12 *Year 2017 (10 U.S.C. note prec. 1580; Public Law 114–*  
 13 *328; 130 Stat. 2447), and any regulations prescribed by*  
 14 *the Director for the administration of this section shall not*  
 15 *apply to the Secretary of Defense in the exercise of the au-*  
 16 *thorities granted under such section 1105.”.*

17 (b) *CLERICAL AMENDMENT.—The table of sections for*  
 18 *chapter 31 of title 5, United States Code, is amended by*  
 19 *inserting after the item relating to section 3114 the fol-*  
 20 *lowing: .*

*“3115. Temporary and term appointments”.*

1   ***TITLE XII—MATTERS RELATING***  
2           ***TO FOREIGN NATIONS***  
3           ***Subtitle A—Assistance and***  
4           ***Training***

5   ***SEC. 1201. REPORT ON THE USE OF SECURITY COOPERA-***  
6           ***TION AUTHORITIES.***

7           *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
8           *that the Secretary of Defense should utilize appropriate se-*  
9           *curity cooperation authorities to counter malign influence*  
10          *campaigns that are directed at allied and partner countries*  
11          *and that pose a significant threat to the national security*  
12          *of the United States.*

13          *(b) REPORT ON FUNDING.—The Secretary of Defense*  
14          *shall include with the consolidated budget materials sub-*  
15          *mitted to Congress as required by section 381 of title 10,*  
16          *United States Code, for fiscal year 2020, and for each subse-*  
17          *quent fiscal year through fiscal year 2025, a report on the*  
18          *use of security cooperation funding to counter the malign*  
19          *influence directed at allied and partner countries and that*  
20          *pose a significant threat to the national security of the*  
21          *United States.*

1 **SEC. 1202. CLARIFICATION OF AUTHORITY TO WAIVE CER-**  
 2 **TAIN EXPENSES FOR ACTIVITIES OF THE RE-**  
 3 **GIONAL CENTERS FOR SECURITY STUDIES.**

4 *Section 342 of title 10, United States Code, is amend-*  
 5 *ed—*

6 *(1) in subsection (f)(3)—*

7 *(A) in subparagraph (A) in the first sen-*  
 8 *tence, by inserting “, including travel, transpor-*  
 9 *tation, and subsistence expenses,” after “activi-*  
 10 *ties of the Regional Centers”; and*

11 *(B) in subparagraph (B)(i), by inserting “,*  
 12 *including travel, transportation, and subsistence*  
 13 *expenses,” after “activities of the Regional Cen-*  
 14 *ters”;*

15 *(2) in subsection (h)(3)(A), by inserting “, in-*  
 16 *cluding travel, transportation, and subsistence ex-*  
 17 *penses,” after “Marshall Center”; and*

18 *(3) in subsection (i)(1), by inserting “, including*  
 19 *travel, transportation, and subsistence expenses,”*  
 20 *after “Daniel K. Inouye Center for Security Studies”.*

21 **SEC. 1203. NATO STRATEGIC COMMUNICATIONS CENTER OF**  
 22 **EXCELLENCE.**

23 *(a) AUTHORIZATION.—The Secretary of Defense shall*  
 24 *provide funds for the NATO Strategic Communications*  
 25 *Center of Excellence (in this section referred to as the “Cen-*  
 26 *ter”)* to—

1           (1) *enhance the ability of military forces and ci-*  
2           *vilian personnel of the countries participating in the*  
3           *Center to engage in joint strategic communications*  
4           *exercises or coalition or international military oper-*  
5           *ations; and*

6           (2) *improve interoperability between the armed*  
7           *forces and the military forces of friendly foreign na-*  
8           *tions in the areas of strategic communications.*

9           (b) *CERTIFICATION.*—*Not later than 180 days after the*  
10          *date of the enactment of this Act, the Secretary of Defense*  
11          *shall certify to the Committees on Armed Services of the*  
12          *House of Representatives and the Senate that the Secretary*  
13          *has assigned executive agent responsibility for the Center*  
14          *to an appropriate organization within the Department of*  
15          *Defense, and detail the steps being undertaken to strengthen*  
16          *the role of the Center in fostering strategic communications*  
17          *and information operations within NATO.*

18          (c) *BRIEFING REQUIREMENT.*—*The Secretary of De-*  
19          *fense shall periodically brief the Committee on Armed Serv-*  
20          *ices and the Committee on Foreign Relations of the Senate*  
21          *and the Committee on Armed Services and the Committee*  
22          *on Foreign Affairs of the House of Representatives on the*  
23          *efforts of the Department of Defense to strengthen the role*  
24          *of the Center in fostering strategic communications and in-*  
25          *formation operations within NATO.*

1 **SEC. 1204. NATO COOPERATIVE CYBER DEFENSE CENTER**  
2 **OF EXCELLENCE.**

3 (a) *AUTHORIZATION.*—*The Secretary of Defense shall*  
4 *provide funds for the NATO Cooperative Cyber Defense*  
5 *Center of Excellence (in this section referred to as the “Cen-*  
6 *ter”)* to—

7 (1) *enhance the ability of military forces and ci-*  
8 *vilian personnel of the countries participating in the*  
9 *Center to engage in joint cyber exercises or coalition*  
10 *or international military operations; and*

11 (2) *improve interoperability between the armed*  
12 *forces and the military forces of friendly foreign coun-*  
13 *tries in the areas of cyber and cybersecurity.*

14 (b) *CERTIFICATION.*—*Not later than 180 days after the*  
15 *date of the enactment of this Act, the Secretary of Defense*  
16 *shall certify to the Committees on Armed Services of the*  
17 *House of Representatives and the Senate that the Secretary*  
18 *has assigned executive agent responsibilities for the Center*  
19 *to an appropriate organization within the Department of*  
20 *Defense, and detail the steps being undertaken to strengthen*  
21 *the role of the Center in fostering cyber defense and cyber*  
22 *warfare capabilities within NATO.*

23 (c) *BRIEFING REQUIREMENT.*—*The Secretary of De-*  
24 *fense shall periodically brief the Committee on Armed Serv-*  
25 *ices and the Committee on Foreign Relations of the Senate*  
26 *and the Committee on Armed Services and the Committee*

1 *on Foreign Affairs of the House of Representatives on the*  
 2 *efforts of the Department of Defense to strengthen the role*  
 3 *of the Center in fostering cyber defense and cyber warfare*  
 4 *capabilities within NATO.*

5 **SEC. 1205. PARTICIPATION IN AND SUPPORT OF THE INTER-**  
 6 **AMERICAN DEFENSE COLLEGE.**

7 (a) *IN GENERAL.*—Subchapter V of chapter 16 of title  
 8 10, United States Code, is amended by adding at the end  
 9 the following new section:

10 **“§ 351. Inter-American Defense College**

11 “(a) *AUTHORITY TO SUPPORT.*—The Secretary of De-  
 12 fense may authorize members of the armed forces and civil-  
 13 ian personnel of the Department of Defense to participate  
 14 in the operation of and the provision of support to the Inter-  
 15 American Defense College and provide logistic support, sup-  
 16 plies, and services to the Inter-American Defense College,  
 17 including the use of Department of Defense facilities and  
 18 equipment, as the Secretary considers necessary to—

19 “(1) *assist the Inter-American Defense College in*  
 20 *its mission to develop and offer to military officers*  
 21 *and civilian officials from member states of the Orga-*  
 22 *nization of American States advanced academic*  
 23 *courses on matters related to military and defense*  
 24 *issues, the inter-American system, and related dis-*  
 25 *ciplines; and*

1           “(2) ensure that the Inter-American Defense Col-  
2       lege provides an academic program of a level of qual-  
3       ity, rigor, and credibility that is commensurate with  
4       the standards of Department of Defense senior service  
5       colleges and that includes the promotion of security  
6       cooperation, human rights, humanitarian assistance  
7       and disaster response, peacekeeping, and democracy  
8       in the Western Hemisphere.

9       “(b) MEMORANDUM OF UNDERSTANDING.—(1) The  
10      Secretary of Defense, with the concurrence of the Secretary  
11      of State, shall enter into a memorandum of understanding  
12      with the Inter-American Defense Board for the participa-  
13      tion of members of the armed forces and civilian personnel  
14      of the Department of Defense in the operation of and provi-  
15      sion of host nation support to the Inter-American Defense  
16      College under subsection (a).

17           “(2) If Department of Defense facilities, equip-  
18      ment, or funds will be used to support the Inter-  
19      American Defense College under subsection (a), a  
20      memorandum of understanding entered into under  
21      paragraph (1) shall include a description of any cost-  
22      sharing arrangement or other funding arrangement  
23      relating to the use of such facilities, equipment, or  
24      funds.



1           “(3) *A memorandum of understanding entered*  
2           *into under paragraph (1) shall also include a cur-*  
3           *riculum and a plan for academic program develop-*  
4           *ment.*

5           “(c) *USE OF FUNDS.—(1) Funds appropriated to the*  
6           *Department of Defense for operation and maintenance may*  
7           *be used to pay costs that the Secretary determines are nec-*  
8           *essary for the participation of members of the armed forces*  
9           *and civilian personnel of the Department of Defense in the*  
10          *operation of and provision of host nation support to the*  
11          *Inter-American Defense College, including—*

12                   “(A) *the costs of expenses of such partici-*  
13                   *pants;*

14                   “(B) *the cost of hiring and retaining quali-*  
15                   *fied professors, instructors, and lecturers;*

16                   “(C) *curriculum support costs, including*  
17                   *administrative costs, academic outreach, and*  
18                   *curriculum support personnel;*

19                   “(D) *the cost of translation and interpreta-*  
20                   *tion services;*

21                   “(E) *the cost of information and edu-*  
22                   *cational technology;*

23                   “(F) *the cost of utilities; and*

24                   “(G) *the cost of maintenance and repair of*  
25                   *facilities.*

1           “(2) No funds may be used under this section to  
 2           provide for the pay of members of the armed forces or  
 3           civilian personnel of the Department of Defense who  
 4           participate in the operation of and the provision of  
 5           host nation support to the Inter-American Defense  
 6           College under this section.

7           “(3) Funds available to carry out this section for  
 8           a fiscal year may be used for activities that begin in  
 9           such fiscal year and end in the next fiscal year.

10          “(d) *WAIVER OF REIMBURSEMENT.*—The Secretary of  
 11          Defense may waive reimbursement for developing countries  
 12          (as such term is defined in section 301 of this title) of the  
 13          costs of funding and other host nation support provided to  
 14          the Inter-American Defense College under this section if the  
 15          Secretary determines that the provision of such funding or  
 16          support without reimbursement is in the national security  
 17          interest of the United States.

18          “(e) *LOGISTIC SUPPORT, SUPPLIES, AND SERVICES*  
 19          *DEFINED.*—In this section, the term ‘logistic support, sup-  
 20          plies, and services’ has the meaning given that term in sec-  
 21          tion 2350 of this title.”.

22          “(b) *CLERICAL AMENDMENT.*—The table of sections at  
 23          the beginning of subchapter V of chapter 16 of such title  
 24          is amended by adding at the end the following new item:

“Sec. 351. Inter-American Defense College.”.

1 **SEC. 1206. INCREASE IN COST LIMITATION FOR SMALL**  
 2 **SCALE CONSTRUCTION RELATED TO SECU-**  
 3 **RITY COOPERATION.**

4 *Section 301(8) of title 10, United States Code, is*  
 5 *amended by striking “\$750,000” and inserting*  
 6 *“\$2,000,000”.*

7 **SEC. 1207. REPORT ON SECURITY COOPERATION WITH**  
 8 **HAITI.**

9 *Not later than 90 days after the date of the enactment*  
 10 *of this Act, and every 180 days thereafter for 3 years, the*  
 11 *Secretary of Defense, with the concurrence of the Secretary*  
 12 *of State, shall submit to the appropriate committees of Con-*  
 13 *gress (as such term is defined in section 301 of title 10,*  
 14 *United States Code) a report on cooperation between the*  
 15 *Department of Defense and the Government of Haiti.*

16 **SEC. 1208. REVIEW AND REPORT ON PROCESSES AND PRO-**  
 17 **CEDURES USED TO CARRY OUT SECTION 362**  
 18 **OF TITLE 10, UNITED STATES CODE.**

19 *(a) REVIEW.—The Secretary of Defense, with the con-*  
 20 *currence of the Secretary of State, shall conduct a review*  
 21 *of the processes and procedures used to carry out section*  
 22 *362 of title 10, United States Code.*

23 *(b) REPORT.—*

24 *(1) IN GENERAL.—Not later than 180 days after*  
 25 *the date of the enactment of this Act, the Secretary of*  
 26 *Defense, with the concurrence of the Secretary of*

1       *State, shall submit to the appropriate congressional*  
2       *committees a report that contains a summary and*  
3       *evaluation of the review required by subsection (a).*

4               (2) *MATTERS TO BE INCLUDED.—The report re-*  
5       *quired by this subsection shall include the following:*

6               (A) *A description of the procedures used to*  
7       *obtain and verify information regarding the vet-*  
8       *ting of partner units for gross violation of*  
9       *human rights required under section 362 of title*  
10       *10, United States Code.*

11              (B) *A description of the procedures required*  
12       *under subsection (d) of such section 362.*

13              (C) *A description of the procedures used to*  
14       *conduct remediation of units for determined or*  
15       *alleged of gross violation of human rights.*

16              (D) *A list of units completing the process of*  
17       *remediation for gross violation of human rights*  
18       *as described in subparagraph (C).*

19              (E) *A summary of reports submitted to*  
20       *Congress as required under subsection (e) of such*  
21       *section 362.*

22              (F) *An analysis of the impact of such sec-*  
23       *tion 362 to achieving the objectives of the Na-*  
24       *tional Defense Strategy.*

1           (G) *A description of the processes and pro-*  
2           *cedures used to implement section 1206 of the*  
3           *Carl Levin and Howard P. “Buck” McKeon Na-*  
4           *tional Defense Authorization Act for Fiscal Year*  
5           *2015 (Public Law 113–291; 128 Stat. 3538), to*  
6           *include the process of obtaining the concurrence*  
7           *of the Secretary of State, as required under sub-*  
8           *section (c)(1) of such section.*

9           (H) *Recommendations to revise authorities*  
10          *to improve the processes and procedures related*  
11          *to the vetting of foreign partner units for gross*  
12          *violations of human rights.*

13          (I) *Any other matters the Secretary con-*  
14          *siders appropriate.*

15          (3) *FORM.—The report required by this sub-*  
16          *section shall be submitted in unclassified form but*  
17          *may include a classified annex.*

18          (4) *DEFINITION.—In this subsection, the term*  
19          *“appropriate congressional committees” means—*

20               (A) *the congressional defense committees;*

21               *and*

22               (B) *the Committee on Foreign Relations of*  
23               *the Senate and the Committee on Foreign Affairs*  
24               *of the House of Representatives.*

1       (c) *AMENDMENTS TO EXISTING LAW.*—(1) Paragraph  
 2       (1) of section 362(a) of title 10, United States Code, is  
 3       amended in paragraph (1), by striking “none may be used  
 4       for any training, equipment, or other assistance” and in-  
 5       serting “none may be used for any training, defense arti-  
 6       cles, or defense services”.

7       (2) Subsection (b)(3) of section 1206 of the Carl Levin  
 8       and Howard P. “Buck” McKeon National Defense Author-  
 9       ization Act for Fiscal Year 2015 (Public Law 113–291; 10  
 10      U.S.C. 2282 note) is amended by striking “subsection (b)  
 11      of section 2249e of title 10, United States Code (as added  
 12      by section 1204(a) of this Act)” and inserting “subsection  
 13      (b) of section 362 of title 10, United States Code”.

14       ***Subtitle B—Matters Relating to***  
 15       ***Afghanistan and Pakistan***

16      ***SEC. 1211. EXTENSION OF AUTHORITY TO TRANSFER DE-***  
 17                               ***FENSE ARTICLES AND PROVIDE DEFENSE***  
 18                               ***SERVICES TO THE MILITARY AND SECURITY***  
 19                               ***FORCES OF AFGHANISTAN.***

20      (a) *EXTENSION OF EXPIRATION.*—Subsection (h) of  
 21      section 1222 of the National Defense Authorization Act for  
 22      Fiscal Year 2013 (Public Law 112–239; 126 Stat. 1992),  
 23      as most recently amended by section 1211 of the National  
 24      Defense Authorization Act for Fiscal Year 2018 (Public  
 25      Law 115–91; 131 Stat. 1648), is further amended by strik-

1 ing “December 31, 2018” and inserting “December 31,  
2 2020”.

3 (b) *EXCESS DEFENSE ARTICLES*.—Subsection (i)(2) of  
4 such section 1222, as so amended, is further amended by  
5 striking “December 31, 2018,” each place it appears and  
6 inserting “December 31, 2020”.

7 **SEC. 1212. EXTENSION OF AUTHORITY FOR REIMBURSE-**  
8 **MENT OF CERTAIN COALITION NATIONS FOR**  
9 **SUPPORT PROVIDED TO UNITED STATES**  
10 **MILITARY OPERATIONS.**

11 (a) *EXTENSION OF AUTHORITY*.—Subsection (a) of sec-  
12 tion 1233 of the National Defense Authorization Act for Fis-  
13 cal Year 2008 (Public Law 110–181; 122 Stat. 393), as  
14 most recently amended by section 1212 of the National De-  
15 fense Authorization Act for Fiscal Year 2018 (Public Law  
16 115–91; 131 Stat. 1648), is further amended by striking  
17 “the period beginning on October 1, 2017, and ending on  
18 December 31, 2018” and inserting “the period beginning  
19 on October 1, 2018, and ending on December 31, 2019”.

20 (b) *EXTENSION OF LIMITATIONS*.—Subsection (d)(1) of  
21 such section 1233, as so amended, is further amended—

22 (1) in the first sentence, by striking “the period  
23 beginning on October 1, 2017, and ending on Decem-  
24 ber 31, 2018” and inserting “the period beginning on

1       *October 1, 2018, and ending on December 31, 2019*’;  
2       *and*

3               *(2) in the second sentence, by striking “to Paki-*  
4       *stan during” and all that follows through “December*  
5       *31, 2018” and inserting “to Pakistan during the pe-*  
6       *riod beginning on October 1, 2018, and ending on De-*  
7       *cember 31, 2019”.*

8       *(c) EXTENSION OF ADDITIONAL LIMITATIONS WITH*  
9       *RESPECT TO PAKISTAN.—*

10               *(1) EXTENSION OF NOTICE REQUIREMENT RE-*  
11       *LATING TO REIMBURSEMENT OF PAKISTAN FOR SUP-*  
12       *PORT PROVIDED BY PAKISTAN.—Section 1232(b)(6) of*  
13       *the National Defense Authorization Act for Fiscal*  
14       *Year 2008 (122 Stat. 393), as most recently amended*  
15       *by section 1212(d) of the National Defense Authoriza-*  
16       *tion Act for Fiscal Year 2018, is further amended by*  
17       *striking “December 31, 2018” and inserting “Decem-*  
18       *ber 31, 2019”.*

19               *(2) EXTENSION OF LIMITATION ON REIMBURSE-*  
20       *MENT OF PAKISTAN PENDING CERTIFICATION ON PAKI-*  
21       *STAN.—Section 1227(d)(1) of the National Defense*  
22       *Authorization Act for Fiscal Year 2013 (Public Law*  
23       *112–239; 126 Stat. 2001), as most recently amended*  
24       *by section 1212(e) of the National Defense Authoriza-*  
25       *tion Act for Fiscal Year 2018, is further amended by*



1        *striking “for any period prior to December 31, 2018”*  
2        *and inserting “for any period prior to December 31,*  
3        *2019”.*

4            (3) *ADDITIONAL LIMITATION ON REIMBURSE-*  
5        *MENT OF PAKISTAN PENDING CERTIFICATION ON PAKI-*  
6        *STAN.—Of the total amount of reimbursements and*  
7        *support authorized for Pakistan during fiscal year*  
8        *2019 pursuant to the second sentence of section*  
9        *1233(d)(1) of the National Defense Authorization Act*  
10       *for Fiscal Year 2008 (as amended by subsection*  
11       *(b)(2)), \$350,000,000 shall not be eligible for the*  
12       *waiver under section 1227(d)(2) of the National De-*  
13       *fense Authorization Act for Fiscal Year 2013 (126*  
14       *Stat. 2001) unless the Secretary of Defense certifies to*  
15       *the congressional defense committees that—*

16            (A) *Pakistan continues to conduct military*  
17        *operations that are contributing to significantly*  
18        *disrupting the safe havens, fundraising and re-*  
19        *cruiting efforts, and freedom of movement of the*  
20        *Haqqani Network in Pakistan;*

21            (B) *Pakistan has taken steps to demonstrate*  
22        *its commitment to prevent the Haqqani Network*  
23        *from using any Pakistan territory as a safe*  
24        *haven and for fundraising and recruiting efforts;*

1           (C) the Government of Pakistan is making  
 2           an attempt to actively coordinate with the Gov-  
 3           ernment of Afghanistan to restrict the movement  
 4           of militants, such as the Haqqani Network, along  
 5           the Afghanistan-Pakistan border; and

6           (D) Pakistan has shown progress in arrest-  
 7           ing and prosecuting senior leaders and mid-level  
 8           operatives of the Haqqani Network.

9   **SEC. 1213. EXTENSION AND MODIFICATION OF COM-**  
 10   **MANDERS' EMERGENCY RESPONSE PROGRAM.**

11       (a) *EXTENSION.*—Section 1201 of the National Defense  
 12   Authorization Act for Fiscal Year 2012 (Public Law 112–  
 13   81; 125 Stat. 1619), as most recently amended by section  
 14   1211 of the National Defense Authorization Act for Fiscal  
 15   Year 2017 (Public Law 114–328; 130 Stat. 2477), is further  
 16   amended—

17           (1) in subsection (a), by striking “December 31,  
 18       2018” and inserting “December 31, 2020”;

19           (2) in subsection (b), by striking “fiscal year  
 20       2017 and fiscal year 2018” and inserting “fiscal  
 21       years 2017 through 2020”; and

22           (3) in subsection (f), by striking “December 31,  
 23       2018” and inserting “December 31, 2020”.

1       (b) *MODIFICATION.*—Subsection (b) of section 1211 of  
 2   the National Defense Authorization Act for Fiscal Year  
 3   2017 (Public Law 114–328; 130 Stat. 2477) is amended—

4           (1) in the heading, by striking “AND SYRIA” and  
 5       inserting “SYRIA, SOMALIA, LIBYA, AND YEMEN”; and

6           (2) in paragraph (1), by striking “or Syria”  
 7       and inserting “Syria, Somalia, Libya, or Yemen”.

8   **SEC. 1214. REPORT ON ASSISTANCE TO PAKISTAN.**

9       Not later than 90 days after the date of the enactment  
 10   of this Act, the Secretary of Defense shall submit to the con-  
 11   gressional defense committees an unclassified report, which  
 12   may include a classified annex, describing the manner in  
 13   which the Department of Defense provides assistance to the  
 14   Government of Pakistan.

15       **Subtitle C—Matters Relating to**  
 16       **Syria, Iraq, and Iran**

17   **SEC. 1221. EXTENSION AND MODIFICATION OF AUTHORITY**

18               **TO PROVIDE ASSISTANCE TO COUNTER THE**

19               **ISLAMIC STATE OF IRAQ AND SYRIA.**

20       (a) *AUTHORITY.*—Subsection (a) of section 1236 of the  
 21   Carl Levin and Howard P. “Buck” McKeon National De-  
 22   fense Authorization Act for Fiscal Year 2015 (Public Law  
 23   113–291; 128 Stat. 3559), as most recently amended by sec-  
 24   tion 1222 of the National Defense Authorization Act for Fis-  
 25   cal Year 2018 (Public Law 115–91; 131 Stat. 1690), is fur-

1 *ther amended by striking “December 31, 2019” and insert-*  
 2 *ing “December 31, 2020”.*

3 (b) *FUNDING.*—Subsection (g) of such section, as so  
 4 amended, is further amended—

5 (1) *by striking “fiscal year 2018” and inserting*  
 6 *“fiscal year 2019”; and*

7 (2) *by striking “\$1,269,000,000” and inserting*  
 8 *“\$850,000,000”.*

9 **SEC. 1222. EXTENSION OF AUTHORITY TO PROVIDE ASSIST-**  
 10 **ANCE TO THE VETTED SYRIAN OPPOSITION.**

11 (a) *IN GENERAL.*—Subsection (a) of section 1209 of  
 12 *the Carl Levin and Howard P. “Buck” McKeon National*  
 13 *Defense Authorization Act for Fiscal Year 2015 (Public*  
 14 *Law 113–291; 128 Stat. 3541), as most recently amended*  
 15 *by section 1223 of the National Defense Authorization Act*  
 16 *for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1653),*  
 17 *is further amended by striking “December 31, 2018” and*  
 18 *inserting “December 31, 2019”.*

19 (b) *REPROGRAMMING REQUIREMENT.*—

20 (1) *IN GENERAL.*—Subsection (f) of such section  
 21 *1209, as most recently amended by section 1221 of the*  
 22 *National Defense Authorization Act for Fiscal Year*  
 23 *2017 (Public Law 114–328; 130 Stat. 2485), is fur-*  
 24 *ther amended by striking “December 31, 2018” and*  
 25 *inserting “December 31, 2019”.*

1           (2) *LIMITATION ON THE USE OF FUNDS.*—*Begin-*  
2           *ning on the date of the enactment of this section, no*  
3           *funds may be requested to be reprogrammed pursuant*  
4           *to such subsection (f), as amended by paragraph (1),*  
5           *until the date that is 30 days after the date on which*  
6           *the President submits to the congressional defense*  
7           *committees a plan that includes the following:*

8                   (A) *A description of the efforts the United*  
9                   *States will undertake to train and build appro-*  
10                  *priately vetted Syrian opposition forces.*

11                  (B) *An assessment of the nature of the forces*  
12                  *receiving such assistance, including the origins*  
13                  *and affiliations of such forces and any previous*  
14                  *history of collaboration with the Syrian Demo-*  
15                  *cratic Forces.*

16                  (C) *An assessment of the current oper-*  
17                  *ational effectiveness of such forces.*

18                  (D) *The conditions to be met for a deter-*  
19                  *mination that ISIS has been adequately neutral-*  
20                  *ized.*

21                  (E) *A description of the roles and contribu-*  
22                  *tions of partner countries to such assistance, if*  
23                  *any.*

24                  (F) *The concept of operations, timelines,*  
25                  *and types of training, equipment, stipends,*

1           sustainment, and supplies to be provided by the  
 2           United States, including measures for end-use  
 3           accountability with respect to resources, equip-  
 4           ment, and supplies after the resources, equip-  
 5           ment, and supplies are provided to such forces.

6           (G) A description of the force posture and  
 7           roles of the United States Armed Forces involved  
 8           in providing such assistance.

9           (3) *FORM.*—The plan described in paragraph (2)  
 10          shall be submitted in unclassified form but may in-  
 11          clude a classified annex.

12   **SEC. 1223. EXTENSION AND MODIFICATION OF AUTHORITY**  
 13                           **TO SUPPORT OPERATIONS AND ACTIVITIES**  
 14                           **OF THE OFFICE OF SECURITY COOPERATION**  
 15                           **IN IRAQ.**

16          (a) *EXTENSION OF AUTHORITY.*—Subsection (f)(1) of  
 17          section 1215 of the National Defense Authorization Act for  
 18          Fiscal Year 2012 (Public Law 112–81; 125 Stat. 1631; 10  
 19          U.S.C. 113 note), as most recently amended by section 1224  
 20          of the National Defense Authorization Act for Fiscal Year  
 21          2018 (Public Law 115–91; 131 Stat. 1654), is further  
 22          amended by striking “fiscal year 2018” and inserting “fis-  
 23          cal year 2019”.

24          (b) *LIMITATION ON AMOUNT.*—Subsection (c) of such  
 25          section is amended—

1           (1) by striking “fiscal year 2018” and inserting  
2           “fiscal year 2019” ; and

3           (2) by striking “\$42,000,000” and inserting  
4           “\$45,000,000”.

5           (c) *SOURCE OF FUNDS.*—Subsection (d) of such section  
6 is amended by striking “fiscal year 2018” and inserting  
7 “fiscal year 2019”.

8   **SEC. 1224. SENSE OF CONGRESS ON BALLISTIC MISSILE CO-**  
9                           **OPERATION TO COUNTER IRAN.**

10          (a) *FINDINGS.*—Congress finds the following:

11               (1) *At the 2014 Strategic Cooperation Forum in*  
12               *New York of the Gulf Cooperation Council, the For-*  
13               *oreign Ministers of member countries agreed in a Joint*  
14               *Communique to “[e]nhance GCC-US security coordi-*  
15               *nation, particularly on Ballistic Missile Defense, by*  
16               *continuing to move forward on development of a Gulf-*  
17               *Wide, interoperable missile defense architecture.”.*

18               (2) *At the 2015 Strategic Cooperation Forum in*  
19               *New York, the Foreign Ministers issued a Joint Com-*  
20               *munique that “reaffirmed commitment*  
21               *to . . . establishing a GCC interoperable ballistic mis-*  
22               *sile defense architecture”.*

23               (3) *The White House Office of the Press Sec-*  
24               *retary released a statement on May 14, 2015, that at*  
25               *the 2015 United States—GCC Summit at Camp*

1       David, “leaders discussed a new U.S.-GCC strategic  
2       partnership to enhance their work to improve security  
3       cooperation on. . . ballistic missile defense”.

4               (4) *The White House Office of the Press Sec-*  
5       *retary subsequently released a statement on April 21,*  
6       *2016, that at the 2016 United States—GCC Summit*  
7       *at Riyadh, “leaders affirmed need to remain vigilant*  
8       *about addressing Iran’s destabilizing actions in the*  
9       *region, including its ballistic missile program”.*

10       (b) *SENSE OF CONGRESS.—It is the sense of Congress*  
11       *that—*

12               (1) *member countries of the Gulf Cooperation*  
13       *Council should take meaningful steps to develop and*  
14       *implement an interoperable ballistic missile defense*  
15       *architecture to defend against Iran’s ballistic missile*  
16       *threat that emphasizes information sharing and in-*  
17       *cludes early warning and tracking data, to enhance*  
18       *the security of citizens, protect critical infrastructure,*  
19       *and deter Iran; and*

20               (2) *the United States should continue bilateral*  
21       *and multilateral missile defense exercises in the re-*  
22       *gion and, when practicable, increase the capacity of*  
23       *United States partners through foreign military sales.*



1 **SEC. 1225. STRATEGY TO COUNTER DESTABILIZING ACTIVI-**  
2 **TIES OF IRAN.**

3 (a) *STRATEGY AUTHORIZED.*—

4 (1) *IN GENERAL.*—*The Secretary of Defense,*  
5 *with the concurrence of the Secretary of State, is au-*  
6 *thorized to develop and implement a strategy with*  
7 *foreign partners to counter the destabilizing activities*  
8 *of Iran.*

9 (2) *ELEMENTS.*—*The strategy described in para-*  
10 *graph (1)—*

11 (A) *should establish a cooperative frame-*  
12 *work that includes—*

13 (i) *investing in intelligence, surveil-*  
14 *lance, and reconnaissance platforms;*

15 (ii) *investing in mine countermeasures*  
16 *resources and platforms;*

17 (iii) *investing in integrated air and*  
18 *missile defense platforms and technologies;*

19 (iv) *sharing intelligence and data with*  
20 *United States and such foreign countries;*

21 (v) *investing in cyber security and*  
22 *cyber defense capabilities;*

23 (vi) *engaging in combined planning;*  
24 *and*

1                   (vii) engaging in defense education, in-  
2                   stitution building, doctrinal development,  
3                   and reform; and

4                   (B) should provide for designation of a ci-  
5                   vilian or military officer or employee of the De-  
6                   partment of Defense and designation of a senior  
7                   employee of the Department of State to imple-  
8                   ment the cooperative framework described in sub-  
9                   paragraph (A).

10           (b) *MULTILATERAL COORDINATION.*—To enhance co-  
11           operation and encourage military-to-military engagement  
12           between the United States and foreign partners described  
13           in subsection (a), the Secretary of Defense and the Secretary  
14           of State should take appropriate actions to ensure that ex-  
15           changes between senior military officers and senior civilian  
16           defense officials of the governments of such foreign part-  
17           ners—

18                   (1) are at a level appropriate to enhance engage-  
19                   ment between the militaries of such partners for  
20                   threat analysis, military doctrine, force planning,  
21                   mutual security interests, logistical support, and in-  
22                   telligence cooperation;

23                   (2) enhance security cooperation, including mar-  
24                   itime security, special operations collaboration, cyber  
25                   cooperation, and integrated air and missile defense

1        *and domain awareness, in the Middle East and*  
2        *Southwest Asia regions; and*

3            *(3) accelerate the development of combined mili-*  
4        *tary planning for missions to counter Iran that may*  
5        *arise within the contours of shared national security*  
6        *interests.*

7        *(c) REPORT.—Not later than 180 days after the date*  
8        *of the enactment of this Act, and annually thereafter*  
9        *through December 31, 2021, the Secretary of Defense, in*  
10       *consultation with the Secretary of State, should submit to*  
11       *the congressional defense committees and the Committee on*  
12       *Foreign Relations of the Senate and the Committee on For-*  
13       *eign Affairs of the House of Representatives a report on—*

14            *(1) the strategy described in subsection (a), in-*  
15        *cluding a description of contributions of foreign part-*  
16        *ners to the strategy; and*

17            *(2) the actions taken under subsection (b).*

18       **SEC. 1226. REPORT ON COMPLIANCE OF IRAN UNDER THE**  
19            **CHEMICAL WEAPONS CONVENTION.**

20        *(a) FINDING.—In the annual report submitted to Con-*  
21        *gress in March 2018, consistent with condition (10)(C) of*  
22        *the Resolution of Advice and Consent to Ratification of the*  
23        *Convention on the Prohibition of the Development, Produc-*  
24        *tion, Stockpiling and Use of Chemical Weapons and on*  
25        *their Destruction (“Chemical Weapons Convention”), en-*

1 *tered into force on April 29, 1997, the Secretary of State*  
2 *concluded that “(b)ased on available information, the*  
3 *United States cannot certify Iran has met its obligations*  
4 *under the Convention for declaration of: (1) its chemical*  
5 *weapons production facility (CWPF); (2) transfer of chem-*  
6 *ical weapons (CW); and (3) retention of an undeclared CW*  
7 *stockpile”.*

8 *(b) REPORT REQUIRED.—Not later than February 1,*  
9 *2019, the Secretary of Defense and the Secretary of State*  
10 *shall submit to the appropriate congressional committees a*  
11 *report assessing the extent to which Iran is complying with*  
12 *its obligations under the Chemical Weapons Convention*  
13 *that includes the following:*

14 *(1) A description, assessment, and verification,*  
15 *to the extent practicable, of any credible information*  
16 *that Iran has assisted the Government of Syria in*  
17 *committing actions that violate such treaty.*

18 *(2) A description of any dual-use technologies*  
19 *that could advance Iran’s capability to produce chem-*  
20 *ical weapons for offensive use.*

21 *(3) The implications of any activities or tech-*  
22 *nologies described pursuant to paragraphs (1) and (2)*  
23 *for Iran’s compliance with other international obliga-*  
24 *tions relating to nonproliferation.*

1           (4) *Any other matters the Secretaries determines*  
2       *to be relevant.*

3       (c) *FORM.—The report required under subsection (b)*  
4       *shall be submitted in unclassified form but may include a*  
5       *classified annex.*

6       (d) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
7       *this section, the term “appropriate congressional commit-*  
8       *tees” means the Committee on Armed Services and the Com-*  
9       *mittee on Foreign Affairs of the House of Representatives.*

10   **SEC. 1227. REPORT ON POTENTIAL RELEASE OF CHEMICAL**  
11                   **WEAPONS OR CHEMICAL WEAPONS PRECUR-**  
12                   **SORS FROM BARZEH RESEARCH AND DEVEL-**  
13                   **OPMENT CENTER AND HIM SHINSHAR CHEM-**  
14                   **ICAL WEAPONS STORAGE AND BUNKER FA-**  
15                   **CILITIES IN HOMS PROVINCE OF SYRIA.**

16       (a) *IN GENERAL.—Not later than 30 days after the*  
17       *date of the enactment of this Act, the Secretary of Defense*  
18       *shall submit to the congressional defense committees a re-*  
19       *port that contains a review and analysis of the potential*  
20       *for release of chemical weapons or chemical weapons pre-*  
21       *cursors from the Barzeh Research and Development Center*  
22       *and the Him Shinshar chemical weapons storage and bunk-*  
23       *er facilities in Homs province of Syria that were targets*  
24       *of strikes by the United States and partner forces on April*  
25       *13, 2018.*

1       (b) *REQUIREMENTS RELATING TO REVIEW AND ANAL-*  
2 *YSIS.—The review and analysis described in subsection (a)*  
3 *shall include the following:*

4           (1) *The methodology the Secretary of Defense*  
5 *used prior to such strikes to determine the likelihood*  
6 *of a release of chemical weapons or chemical weapons*  
7 *precursors affecting local residents.*

8           (2) *The methodology the Secretary of Defense*  
9 *used prior to such strikes to determine the potential*  
10 *for chemical agents to enter into the aquifer, air, soil,*  
11 *or other aspects of the environment.*

12       (c) *FORM.—The report required under this section*  
13 *shall be submitted in unclassified form, but may contain*  
14 *a classified annex.*

15 **SEC. 1228. REPORT ON COOPERATION BETWEEN IRAN AND**  
16 **THE RUSSIAN FEDERATION.**

17       (a) *REPORT REQUIRED.—Not later than 120 days*  
18 *after the date of the enactment of this Act, and annually*  
19 *thereafter for 5 years, the President shall transmit to the*  
20 *appropriate congressional committees a report on coopera-*  
21 *tion between Iran and the Russian Federation and the ex-*  
22 *tent to which such cooperation affects United States na-*  
23 *tional security and strategic interests, particularly with re-*  
24 *spect to Syria.*

1       (b) *MATTERS TO BE INCLUDED.*—*The report required*  
2 *by subsection (a) shall include the following: —*

3           (1) *A detailed description of Iranian-Russian co-*  
4 *operation on matters relating to Syria, including the*  
5 *following:*

6               (A) *Mutual defense assistance to the Assad*  
7 *regime.*

8               (B) *Establishment of forward operating*  
9 *bases in Syria.*

10              (C) *Deployment of air defense systems.*

11              (D) *Assistance to Assad’s chemical weapons*  
12 *program, including research, development, and*  
13 *deployment of such weapons.*

14           (2) *A detailed description of Iranian-Russian co-*  
15 *operation on matters relating to Iran’s space pro-*  
16 *gram, including how and to what extent such co-*  
17 *operation strengthens Iran’s ballistic missile program.*

18           (3) *A description and analysis of the intel-*  
19 *ligence-sharing center established by Iran, Russia,*  
20 *and Syria in Baghdad, Iraq, and whether such center*  
21 *is being used for purposes other than the purposes of*  
22 *the joint mission of such countries in Syria.*

23           (4) *A description and analysis of—*

1                   (A) *naval cooperation between Iran and*  
2                   *Russia, including joint naval exercises between*  
3                   *the two countries; and*

4                   (B) *the long-term consequences of—*

5                         (i) *a robust Russian naval presence in*  
6                         *the Eastern Mediterranean;*

7                         (ii) *an Iranian naval presence in the*  
8                         *Persian Gulf; and*

9                         (iii) *Iranian and Russian naval*  
10                         *strength in the Caspian Sea.*

11                   (5) *A description of nuclear cooperation between*  
12                   *Iran and Russia, both with respect to the Joint Com-*  
13                   *prehensive Plan of Action and outside of the param-*  
14                   *eters of such nuclear agreement with Iran.*

15                   (6) *The likelihood that Iran might adopt the*  
16                   *Russian model of hybrid warfare.*

17                   (7) *The extent of Russian cooperation with*  
18                   *Hezbollah in Syria, Lebanon, and Iraq, including co-*  
19                   *operation with respect to training, equipping, and*  
20                   *joint operations.*

21                   (c) *FORM.—Each report required by subsection (a)*  
22                   *shall be submitted in unclassified form, but may contain*  
23                   *a classified annex.*



1       (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
2 *FINED.*—*In this section, the term “appropriate congres-*  
3 *sional committees” means—*

4               (1) *the congressional defense committees; and*

5               (2) *the Committee on Foreign Relations of the*  
6 *Senate and the Committee on Foreign Affairs of the*  
7 *House of Representatives.*

8       ***Subtitle D—Matters Relating to the***  
9       ***Russian Federation***

10   ***SEC. 1231. PROHIBITION ON AVAILABILITY OF FUNDS RE-***  
11       ***LATING TO SOVEREIGNTY OF THE RUSSIAN***  
12       ***FEDERATION OVER CRIMEA.***

13       (a) *PROHIBITION.*—*None of the funds authorized to be*  
14 *appropriated by this Act or otherwise made available for*  
15 *fiscal year 2019 for the Department of Defense may be obli-*  
16 *gated or expended to implement any activity that recognizes*  
17 *the sovereignty of the Russian Federation over Crimea.*

18       (b) *WAIVER.*—*The Secretary of Defense, with the con-*  
19 *currence of the Secretary of State, may waive the restriction*  
20 *on the obligation or expenditure of funds required by sub-*  
21 *section (a) if the Secretary—*

22               (1) *determines that to do so is in the national*  
23 *security interest of the United States; and*

24               (2) *submits a notification of the waiver, at the*  
25 *time the waiver is invoked, to the Committee on*

1     *Armed Services and the Committee on Foreign Rela-*  
2     *tions of the Senate and the Committee on Armed*  
3     *Services and the Committee on Foreign Affairs of the*  
4     *House of Representatives.*

5     **SEC. 1232. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**  
6                   **ING TO IMPLEMENTATION OF THE OPEN**  
7                   **SKIES TREATY.**

8     *(a) PROHIBITION ON ACTIVITIES TO MODIFY UNITED*  
9     *STATES AIRCRAFT.—*

10           *(1) IN GENERAL.—None of the funds authorized*  
11     *to be appropriated by this Act or otherwise made*  
12     *available for fiscal year 2019 for research, develop-*  
13     *ment, test, and evaluation, Air Force, for arms con-*  
14     *trol implementation (PE 0305145F), Aircraft Pro-*  
15     *curement, Air Force (line item C135B0/C-135B), or*  
16     *procurement, Air Force, for digital visual imaging*  
17     *system (BA-05, Line Item #1900) may be obligated*  
18     *or expended to carry out any activities to modify any*  
19     *United States aircraft for purposes of implementing*  
20     *the Open Skies Treaty until the President submits to*  
21     *the appropriate congressional committees the certifi-*  
22     *cation described in paragraph (2).*

23           *(2) CERTIFICATION.—*

1           (A) *IN GENERAL.*—*The certification de-*  
 2           *scribed in this paragraph is a certification of the*  
 3           *President that—*

4                   (i) *the President has imposed treaty*  
 5                   *violations responses and legal counter-*  
 6                   *measures on the Russian Federation for its*  
 7                   *violations of the Open Skies Treaty; and*

8                   (ii) *the President has fully informed*  
 9                   *the appropriate congressional committees of*  
 10                   *such responses and countermeasures.*

11           (B) *DELEGATION.*—*The President may dele-*  
 12           *gate the responsibility for making a certification*  
 13           *under subparagraph (A) to the Secretary of the*  
 14           *State.*

15           (3) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
 16           *DEFINED.*—*In this subsection, the term “appropriate*  
 17           *congressional committees” means—*

18                   (A) *the congressional defense committees;*  
 19                   *and*

20                   (B) *the Committee on Foreign Relations of*  
 21                   *the Senate and the Committee on Foreign Affairs*  
 22                   *of the House of Representatives.*

23           (b) *LIMITATION ON USE OF FUNDS TO VOTE OR AP-*  
 24           *PROVE CERTAIN IMPLEMENTING DECISIONS OF THE OPEN*  
 25           *SKIES CONSULTATIVE COMMISSION.—*

1           (1) *IN GENERAL.*—None of the funds authorized  
2           to be appropriated or otherwise made available by  
3           this Act or any other Act for fiscal year 2019 may  
4           be used to vote to approve or otherwise adopt any im-  
5           plementing decision of the Open Skies Consultative  
6           Commission pursuant to Article X of the Open Skies  
7           Treaty to authorize approval of requests by state par-  
8           ties to the Treaty to certify infra-red or synthetic ap-  
9           erture radar sensors pursuant to Article IV of the  
10          Treaty unless and until the following requirements  
11          are met:

12                   (A) *The Secretary of Defense, jointly with*  
13                   *the relevant United States Government officials,*  
14                   *submits to the appropriate congressional com-*  
15                   *mittees the following:*

16                           (i) *A certification that the imple-*  
17                           *menting decision would not be detrimental*  
18                           *or otherwise harmful to the national secu-*  
19                           *rity of the United States.*

20                           (ii) *A report on the Open Skies Treaty*  
21                           *that includes the following:*

22                                   (I) *The annual costs to the United*  
23                                   *States associated with countermeasures*  
24                                   *to mitigate potential abuses of observa-*  
25                                   *tion flights by the Russian Federation*

1           *carried out under the Treaty over Eu-*  
2           *ropean and United States territories*  
3           *involving infra-red or synthetic aper-*  
4           *ture radar sensors.*

5                     *(II) A plan, and its estimated*  
6           *comparative cost, to replace the Treaty*  
7           *architecture with an increased sharing*  
8           *of overhead commercial imagery, con-*  
9           *sistent with United States national se-*  
10          *curity, with covered state parties, ex-*  
11          *cluding the Russian Federation.*

12                    *(III) An evaluation by the Direc-*  
13          *tor of National Intelligence of matters*  
14          *concerning how an observation flight*  
15          *described in clause (i) could implicate*  
16          *intelligence activities of the Russian*  
17          *Federation in the United States and*  
18          *United States counterintelligence ac-*  
19          *tivities and vulnerabilities.*

20                    *(IV) An assessment of how such*  
21          *information is used by the Russian*  
22          *Federation, for what purpose, and how*  
23          *the information fits into the Russian*  
24          *Federation's overall collection posture.*

1           *(B) Not later than 90 days before the date*  
2           *on which the United States votes to approve or*  
3           *otherwise adopt any such implementing decision,*  
4           *the President shall submit to the appropriate*  
5           *congressional committees a certification that—*

6                     *(i) the Russian Federation—*

7                             *(I) is in complete compliance with*  
8                             *is obligations under the Open Skies*  
9                             *Treaty;*

10                            *(II) is not exceeding the imagery*  
11                            *limits set forth in the Treaty; and*

12                            *(III) is allowing observation*  
13                            *flights by covered state parties over all*  
14                            *of Moscow, Chechnya, Kaliningrad,*  
15                            *and within 10 kilometers of its border*  
16                            *with Georgia's occupied territories of*  
17                            *Abkhazia and South Ossetia without*  
18                            *restriction and without inconsistency*  
19                            *to requirements under the Treaty;*

20                            *(ii) covered state parties have been no-*  
21                            *tified and briefed on concerns of the intel-*  
22                            *ligence community (as defined in section 3*  
23                            *of the National Security Act of 1947 (50*  
24                            *U.S.C. 3003)) regarding infra-red or syn-*

1 *thetic aperture radar sensors used under the*  
2 *Open Skies Treaty; and*

3 *(iii) the Russian Federation has agreed*  
4 *to—*

5 *(I) extradite the 13 Russian citi-*  
6 *zens indicted on February 16, 2018, by*  
7 *the Department of Justice for under-*  
8 *taking unlawful activities against the*  
9 *United States;*

10 *(II) remove illegally stationed*  
11 *Russian troops and materiel from*  
12 *Ukraine’s autonomous Republic of Cri-*  
13 *mea and the city of Sevastopol;*

14 *(III) cease all material financial*  
15 *support for Russian proxies in Eastern*  
16 *Ukraine; and*

17 *(IV) cease all military or finan-*  
18 *cial support to any state that uses or*  
19 *has used against its own civilian pop-*  
20 *ulation any agent or substance banned*  
21 *by the Chemical Weapons Convention.*

22 *(2) WAIVER.—*

23 *(A) IN GENERAL.—The President may*  
24 *waive the application of paragraph (1) if the*  
25 *President determines that—*

1                   (i) the waiver is in the national secu-  
2                   rity of the United States; and

3                   (ii) the Russian Federation has taken  
4                   clear and verifiable action to return to full  
5                   and complete compliance with the Open  
6                   Skies Treaty.

7                   (B) LIMITATION ON DELEGATION.—The au-  
8                   thority of the President under subparagraph (A)  
9                   to waive the application of paragraph (1) may  
10                  not be delegated.

11               (3) OPERATION OF OC-135 AIRCRAFT.—

12               (A) IN GENERAL.—It is the sense of Con-  
13               gress that—

14               (i) the United States continues to con-  
15               duct observation flights under the Open  
16               Skies Treaty using OC-135 aircraft, a fleet  
17               now in its 57th year of service; and

18               (ii) advances in commercial surveil-  
19               lance technology have surpassed the value of  
20               aerial observation under the terms of the  
21               Open Skies Treaty and brings into ques-  
22               tions the continued use of the OC-135 fleet  
23               for this purpose.

24               (B) REPORT.—



1           (i) *IN GENERAL.*—Not later than Jan-  
2           uary 31, 2019, the Secretary of Defense  
3           shall submit to the appropriate congress-  
4           sional committees a report on the state of  
5           United States OC-135 aircraft with respect  
6           to airworthiness, safety of flight, and main-  
7           tenance reliability. The report shall also in-  
8           clude a recommendation as to the prospec-  
9           tive date of retirement of the OC-135 fleet.

10          (ii) *DEFINITION.*—In this subpara-  
11          graph, the term “appropriate congressional  
12          committees” means—

13                (I) the congressional defense com-  
14                mittees; and

15                (II) the Committee on Foreign Re-  
16                lations of the Senate and the Com-  
17                mittee on Foreign Affairs of the House  
18                of Representatives.

19          (C) *SUSPENSION OF OPERATION OF OC-135*  
20          *AIRCRAFT.*—The Secretary of Defense is author-  
21          ized to cease operation of United States OC-135  
22          aircraft under the Open Skies Treaty if contin-  
23          ued operation of these aircraft would impose  
24          undue risk to personnel or excessive cost.

1       (c) *FORM.*—Each certification and report required  
2 under this section shall be submitted in unclassified form,  
3 but may contain a classified annex if necessary.

4       (d) *DEFINITIONS.*—Except as otherwise provided, in  
5 this section:

6           (1) *APPROPRIATE CONGRESSIONAL COMMIT-*  
7 *TEES.*—The term “appropriate congressional commit-

8 *tees” means—*  
9           (A) *the Committee on Armed Services, the*  
10 *Committee on Foreign Relations, and the Select*  
11 *Committee on Intelligence of the Senate; and*

12           (B) *the Committee on Armed Services, the*  
13 *Committee on Foreign Affairs, and the Perma-*  
14 *nent Select Committee on Intelligence of the*  
15 *House of Representatives.*

16           (2) *CHEMICAL WEAPONS CONVENTION.*—The  
17 term “Chemical Weapons Convention” means the  
18 *Convention on the Prohibition of the Development,*  
19 *Production, Stockpiling and Use of Chemical Weap-*  
20 *ons and on Their Destruction, entered into force on*  
21 *April 29, 1997.*

22           (3) *COVERED STATE PARTY.*—The term “covered  
23 *state party” means a foreign country that—*

24           (A) *is a state party to the Open Skies Trea-*  
25 *ty; and*

1                   (B) is a United States ally.

2                   (4) *INFRA-RED OR SYNTHETIC APERTURE RADAR*  
3                   *SENSOR.*—The term “infra-red or synthetic aperture  
4                   radar sensor” means a sensor that is classified as—

5                   (A) an infra-red line-scanning device under  
6                   category C of paragraph 1 of Article IV of the  
7                   Open Skies Treaty; or

8                   (B) a sideways-looking synthetic aperture  
9                   radar under category D of paragraph 1 of Arti-  
10                  cle IV of the Open Skies Treaty.

11                  (5) *OBSERVATION FLIGHT.*—The term “observa-  
12                  tion flight” has the meaning given such term in Arti-  
13                  cle II of the Open Skies Treaty.

14                  (6) *OPEN SKIES TREATY; TREATY.*—The term  
15                  “Open Skies Treaty” or “Treaty” means the Treaty  
16                  on Open Skies, done at Helsinki March 24, 1992, and  
17                  entered into force January 1, 2002.

18                  (7) *RELEVANT UNITED STATES GOVERNMENT OF-*  
19                  *FICIALS.*—The term “relevant United States Govern-  
20                  ment officials” means the following:

21                         (A) The Secretary of Energy.

22                         (B) The Secretary of Homeland Security.

23                         (C) The Director of the Federal Bureau of  
24                         Investigation.

25                         (D) The Director of National Intelligence.

1           (E) *The Commander of U.S. Strategic Com-*  
 2           *mand and the Commander of U.S. Northern*  
 3           *Command in the case of an observation flight*  
 4           *over the territory of the United States.*

5           (F) *The Commander of U.S. European*  
 6           *Command in the case of an observation flight*  
 7           *other than an observation flight described in sub-*  
 8           *paragraph (E).*

9           (8) *SENSOR.—The term “sensor” has the mean-*  
 10          *ing given such term in Article II of the Open Skies*  
 11          *Treaty.*

12 **SEC. 1233. COMPREHENSIVE RESPONSE TO THE RUSSIAN**  
 13                   **FEDERATION’S MATERIAL BREACH OF THE**  
 14                   **INF TREATY.**

15          (a) *FINDINGS.—Congress finds the following:*

16           (1) *James Mattis, Secretary of Defense, testified*  
 17           *before the House Armed Services Committee on March*  
 18           *22, 2018, that “we have very modest expectations that*  
 19           *they [Russia] would return to [INF] compliance. As*  
 20           *a result, in the Nuclear Posture Review, we are look-*  
 21           *ing for a way, at the lowest possible cost, to checkmate*  
 22           *them and make it in their best interest to return to*  
 23           *compliance.”.*

24           (2) *The Honorable Daniel Coats, Director of Na-*  
 25           *tional Intelligence, testified before the Senate Armed*

1       *Services Committee on March 6, 2018, that the Rus-*  
2       *sian Federation is violating the INF Treaty because*  
3       *“Moscow probably believes that the new GLCM pro-*  
4       *vides sufficient advantages that make it worth the*  
5       *risk of violating the INF Treaty.”.*

6               (3) *General Hyten, Commander of the United*  
7       *States Strategic Command, also testified before the*  
8       *Senate Armed Services Committee on March 20,*  
9       *2018, about potential strategic advantages for China*  
10       *stemming from their lack of participation in the INF*  
11       *Treaty by saying that “they do not have any limita-*  
12       *tions in the INF [Treaty], and they have built sig-*  
13       *nificant numbers of intermediate-range ballistic mis-*  
14       *siles that if they were in the INF [Treaty], they*  
15       *would be contrary to the treaty”.*

16              (4) *General Joseph Dunford, Chairman of the*  
17       *Joint Chiefs of Staff, testified before the House Armed*  
18       *Services Committee on April 12, 2018, that “we’re*  
19       *not only looking for operational concepts and ways to*  
20       *deal with the Russian violation, but we’re also at*  
21       *least posturing ourselves to develop weapons should*  
22       *they be required”.* *Secretary of Defense Mattis also*  
23       *stated in that same hearing “our effort will be*  
24       *matched at State Department by movement on arms*  
25       *control and nonproliferation. There are two thrusts to*

1        *our nuclear strategy. . .and that's why those funds*  
2        *have been requested."*

3        *(b) STATEMENT OF POLICY.—It is the policy of the*  
4        *United States as follows:*

5                *(1) The actions undertaken by the Russian Fed-*  
6                *eration in violation of the INF Treaty, including the*  
7                *flight-test, production, and possession of prohibited*  
8                *systems, have defeated the object and purpose of the*  
9                *INF Treaty, and thus constitute a material breach of*  
10              *the INF Treaty.*

11              *(2) In light of the Russian Federation's material*  
12              *breach of the INF Treaty, the United States is legally*  
13              *entitled to suspend the operation of the INF Treaty*  
14              *in whole or in part for so long as the Russian Federa-*  
15              *tion continues to be in material breach of the INF*  
16              *Treaty.*

17              *(3) For so long as the Russian Federation re-*  
18              *mains in noncompliance with the INF Treaty, the*  
19              *United States should take actions to encourage the*  
20              *Russian Federation to return to compliance with the*  
21              *INF Treaty, including by—*

22                      *(A) providing additional funds for the ca-*  
23                      *pabilities identified in section 1243(d) of the Na-*  
24                      *tional Defense Authorization Act for Fiscal Year*  
25                      *2016 (Public Law 114–92; 129 Stat. 1062) and*

1       *the Intermediate-Range Nuclear Forces Treaty*  
2       *Preservation Act of 2017 (Public Law 115–91;*  
3       *131 Stat. 1671); and*

4               *(B) seeking additional missile defense assets*  
5       *in the European theater needed to fill military*  
6       *capability gaps to protect United States and*  
7       *NATO forces from ground-launched missile sys-*  
8       *tems of the Russian Federation that are in non-*  
9       *compliance with the INF Treaty.*

10       *(c) IMPOSITION OF ARMS CONTROL SANCTIONS.—*

11               *(1) IN GENERAL.—An amount equal to not less*  
12       *than 25 percent of the amount authorized to be ap-*  
13       *propriated or otherwise made available to the Depart-*  
14       *ment of Defense for fiscal year 2019 to provide sup-*  
15       *port services to the Executive Office of the President,*  
16       *other than support services that are required for sen-*  
17       *ior leader communications services, shall be withheld*  
18       *from obligation or expenditure until the date on*  
19       *which the President has submitted to the appropriate*  
20       *congressional committees the certification described in*  
21       *paragraph (2).*

22               *(2) CERTIFICATION DESCRIBED.—The certifi-*  
23       *cation described in this paragraph is a certification*  
24       *of the President that—*

1           (A) each requirement of section 1290 of the  
 2           *National Defense Authorization Act for Fiscal*  
 3           *Year 2017 (Public Law 114–328; 130 Stat. 2555;*  
 4           *22 U.S.C. 2593e) has been fully implemented*  
 5           *and is continuing to be fully implemented;*

6           (B) the President has notified the appro-  
 7           priate congressional committees under such sec-  
 8           tion 1290 of the imposition of measures described  
 9           in subsection (c) of such section with respect to  
 10          each person identified in a report under sub-  
 11          section (a) of such section, including a detailed  
 12          description of the imposition of all such meas-  
 13          ures; and

14          (C) the President has submitted the report  
 15          required by section 1244(c) of the *National De-*  
 16          *fense Authorization Act for Fiscal Year 2018*  
 17          *(Public Law 115–91; 131 Stat. 1674) (relating*  
 18          *to report on plan to impose additional sanctions*  
 19          *with respect to the Russian Federation).*

20          (d) *DEFINITIONS.—In this section:*

21           (1) *APPROPRIATE CONGRESSIONAL COMMIT-*  
 22           *TEES.—The term “appropriate congressional commit-*  
 23           *tees” means—*

24           (A) the Select Committee on Intelligence, the  
 25           Committee on Foreign Relations, the Committee



1           *on Armed Services, and the Committee on Ap-*  
2           *propriations of the Senate; and*

3           *(B) the Permanent Select Committee on In-*  
4           *telligence, the Committee on Foreign Affairs, the*  
5           *Committee on Armed Services, and the Com-*  
6           *mittee on Appropriations of the House of Rep-*  
7           *resentatives.*

8           (2) *INF TREATY.*—*The term “INF Treaty”*  
9           *means the Treaty between the United States of Amer-*  
10          *ica and the Union of Soviet Socialist Republics on*  
11          *the Elimination of Their Intermediate-Range and*  
12          *Shorter-Range Missiles, signed at Washington Decem-*  
13          *ber 8, 1987, and entered into force June 1, 1988.*

14          (3) *NEW START TREATY.*—*The term “New*  
15          *START Treaty” means the Treaty between the*  
16          *United States of America and the Russian Federation*  
17          *on Measures for the Further Reduction and Limita-*  
18          *tion of Strategic Offensive Arms, signed at Prague*  
19          *April 8, 2010, and entered into force February 5,*  
20          *2011.*

21          (4) *OPEN SKIES TREATY.*—*The term “Open*  
22          *Skies Treaty” means the Treaty on Open Skies, done*  
23          *at Helsinki March 24, 1992, and entered into force*  
24          *January 1, 2002.*

1 **SEC. 1234. MODIFICATION AND EXTENSION OF UKRAINE SE-**  
2 **CURITY ASSISTANCE INITIATIVE.**

3 *Section 1250 of the National Defense Authorization*  
4 *Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.*  
5 *1068), as most recently amended by section 1234 of the Na-*  
6 *tional Defense Authorization Act for Fiscal Year 2018 (Pub-*  
7 *lic Law 115–91; 131 Stat. 1659), is further amended—*

8 *(1) in subsection (c)—*

9 *(A) in paragraph (1), by striking “50 per-*  
10 *cent of the funds available for fiscal year 2018*  
11 *pursuant to subsection (f)(3)” and inserting “50*  
12 *percent of the funds available for fiscal year*  
13 *2019 pursuant to subsection (f)(4)”;* and

14 *(B) in paragraph (3), by striking “fiscal*  
15 *year 2018” and inserting “fiscal year 2019”;*  
16 *and*

17 *(C) by adding at the end the following new*  
18 *paragraph:*

19 *“(5) LETHAL ASSISTANCE.—Of the funds avail-*  
20 *able for fiscal year 2019 pursuant to subsection (f)(4),*  
21 *\$50,000,000 shall be available only for lethal assist-*  
22 *ance described in paragraphs (2) and (3) of sub-*  
23 *section (b).”;*

24 *(2) in subsection (f), by adding at the end the*  
25 *following:*

26 *“(4) For fiscal year 2019, \$250,000,000.”; and*

1           (3) in subsection (h), by striking “December 31,  
2           2020” and inserting “December 31, 2021”.

3   **SEC. 1235. STATEMENT OF POLICY ON UNITED STATES MILI-**  
4           **TARY INVESTMENT IN EUROPE.**

5           (a) *FINDINGS.*—Congress finds the following:

6           (1) *Both the 2017 National Security Strategy*  
7           *and the 2018 National Defense Strategy highlight the*  
8           *Russian Federation as a long-term strategic compet-*  
9           *itor to the United States.*

10          (2) *The Russian Federation uses a whole-of-soci-*  
11          *ety approach to influence and attempt to shape the*  
12          *information space, weaken American resolve and con-*  
13          *fidence in its democracy, and undermine the power*  
14          *and international standing of the United States.*

15          (3) *Through the National Defense Authorization*  
16          *Act for Fiscal Year 2015 (Public Law 113-291), the*  
17          *National Defense Authorization Act for Fiscal Year*  
18          *2016 (Public Law 114-92), the National Defense Au-*  
19          *thorization Act for Fiscal Year 2017 (Public Law*  
20          *114-328), and the National Defense Authorization Act*  
21          *for Fiscal Year 2018 (Public Law 115-91), Congress*  
22          *has authorized, in total, approximately*  
23          *\$9,800,000,000 for the European Reassurance Initia-*  
24          *tive, now the European Deterrence Initiative, to reas-*

1        *sure partners and allies and build a credible deterrent*  
2        *and defense against the Russian Federation.*

3        *(b) STATEMENT OF POLICY.—It is the policy of the*  
4        *United States to develop, implement, and sustain a credible*  
5        *deterrent against aggression and long-term strategic com-*  
6        *petition by the Government of the Russian Federation in*  
7        *order to enhance regional and global security and stability,*  
8        *including by the following:*

9                *(1) Increased United States presence in Europe*  
10              *through additional permanently stationed forces, in-*  
11              *cluding logistics enablers and a combat aviation bri-*  
12              *gade.*

13              *(2) Continued United States presence in Europe*  
14              *through rotational forces.*

15              *(3) Increased United States pre-positioned mili-*  
16              *tary equipment, including munitions, logistics*  
17              *enablers, and a division headquarters.*

18              *(4) Sufficient and necessary infrastructure addi-*  
19              *tions and improvements throughout Europe.*

20              *(5) Increased investment and prioritization to*  
21              *counter indirect action (such as information oper-*  
22              *ations intended to influence), including sufficient*  
23              *cyber, counter-propaganda, and intelligence resources.*

24              *(6) Sufficient security cooperation resources and*  
25              *opportunities with partners and allies, including with*

1        *member countries of the North Atlantic Treaty Orga-*  
2        *nization.*

3    **SEC. 1236. IMPOSITION OF SANCTIONS WITH RESPECT TO**  
4                    **CERTAIN PERSONS PROVIDING SOPHISTI-**  
5                    **CATED GOODS, SERVICES, OR TECHNOLOGIES**  
6                    **FOR USE IN THE PRODUCTION OF MAJOR DE-**  
7                    **FENSE EQUIPMENT OR ADVANCED CONVEN-**  
8                    **TIONAL WEAPONS.**

9        *(a) REPORT ON SANCTIONED PERSONS RELATING TO*  
10    *RUSSIAN FEDERATION'S NOTED VIOLATION OF THE INF*  
11    *TREATY.—*

12            *(1) REPORT.—*

13                    *(A) IN GENERAL.—Not later than 120 days*  
14                    *after the date of enactment of this Act, the Presi-*  
15                    *dent shall submit to the appropriate congres-*  
16                    *sional committees a report that contains a list of*  
17                    *persons described in section 1290(a)(1) of the*  
18                    *National Defense Authorization Act for Fiscal*  
19                    *Year 2017 related to the Russian Federation's*  
20                    *noted violation of the INF Treaty, as noted in*  
21                    *the 2016 Report on Adherence to and Compli-*  
22                    *ance With Arms Control, Nonproliferation, and*  
23                    *Disarmament Agreements and Commitments.*

1           (B) *FORM.*—*The report required by sub-*  
 2           *paragraph (A) shall be provided in unclassified*  
 3           *form, but may contain a classified annex.*

4           (C) *APPROPRIATE CONGRESSIONAL COMMIT-*  
 5           *TEES DEFINED.*—*In this paragraph, the term*  
 6           *“appropriate congressional committees” has the*  
 7           *meaning given such term in section 1290(h) of*  
 8           *the National Defense Authorization Act for Fis-*  
 9           *cal Year 2017.*

10          (2) *INF TREATY DEFINED.*—*In this subsection,*  
 11          *the term “INF Treaty” means the Treaty Between the*  
 12          *United States of America and the Union of Soviet So-*  
 13          *cialist Republics on the Elimination of Their Inter-*  
 14          *mediate-Range and Shorter-Range Missiles, com-*  
 15          *monly referred to as the “Intermediate- Range Nu-*  
 16          *clear Forces (INF) Treaty”, signed at Washington*  
 17          *December 8, 1987, and entered into force June 1,*  
 18          *1988.*

19          (b) *REPORT ON SUPPLY CHAINS FOR RUSSIAN ARMS*  
 20          *SALES PROGRAMS.*—

21               (1) *IN GENERAL.*—*Not later than 180 days after*  
 22               *the date of the enactment of this Act, the President*  
 23               *shall submit to the appropriate congressional commit-*  
 24               *tees a report that contains the following:*

1           (A) *An analysis of the foreign and domestic*  
2           *supply chains in the Russian Federation that di-*  
3           *rectly or indirectly significantly facilitates, sup-*  
4           *ports, or otherwise aids the Government of the*  
5           *Russian Federation's development, export, sale,*  
6           *or transfer of major defense equipment or ad-*  
7           *vanced conventional weapons.*

8           (B) *A description of the geographic dis-*  
9           *tribution of the foreign and domestic supply*  
10          *chains described in subparagraph (A), including*  
11          *sources of sophisticated goods, services, or tech-*  
12          *nologies used for or by Russia for the develop-*  
13          *ment, export, sale, or transfer of such equipment*  
14          *or weapons.*

15          (C) *An assessment of the ability of the Rus-*  
16          *sian Government to domestically manufacture or*  
17          *otherwise produce the goods, services, or tech-*  
18          *nology necessary to support the development, ex-*  
19          *port, sale, or transfer of such equipment or*  
20          *weapons.*

21          (2) *FORM.—The report required under para-*  
22          *graph (1) shall be submitted in unclassified form, but*  
23          *may contain a classified annex.*

1           (3) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
2       *DEFINED.—In this subsection, the term “appropriate*  
3       *congressional committees” means—*

4           (A) *the Committee on Foreign Relations*  
5       *and the Select Committee on Intelligence of the*  
6       *Senate; and*

7           (B) *the Committee on Foreign Affairs and*  
8       *the Permanent Select Committee on Intelligence*  
9       *of the House of Representatives.*

10       (c) *IMPOSITION OF SANCTIONS WITH RESPECT TO*  
11       *CERTAIN PERSONS PROVIDING SOPHISTICATED GOODS,*  
12       *SERVICES, OR TECHNOLOGIES FOR USE IN THE PRODUC-*  
13       *TION OF MAJOR DEFENSE EQUIPMENT OR ADVANCED CON-*  
14       *VENTIONAL WEAPONS.—*

15           (1) *IDENTIFICATION.—*

16           (A) *IN GENERAL.—Not later than 60 days*  
17       *after the date of the submission of the report*  
18       *under subsection (b), and annually thereafter for*  
19       *5 years, the President shall submit to the appro-*  
20       *priate congressional committees a report that*  
21       *identifies each foreign person and each agency or*  
22       *instrumentality of a foreign state that the Presi-*  
23       *dent determines is a foreign person or an agency*  
24       *or instrumentality of a foreign state described in*  
25       *subparagraph (B).*



1           (B) *FOREIGN PERSON OR AGENCY OR IN-*  
2           *STRUMENTALITY OF A FOREIGN STATE DE-*  
3           *SCRIBED.*—*A foreign person or an agency or in-*  
4           *strumentality of a foreign state described in this*  
5           *subparagraph is a foreign person or an agency*  
6           *or instrumentality of a foreign state that—*

7                   (i) *knowingly sells, leases, or otherwise*  
8                   *provides significant sophisticated goods,*  
9                   *services, or technology, to any entities*  
10                  *owned or controlled by the Government of*  
11                  *the Russian Federation, or*

12                  (ii) *engages in a significant trans-*  
13                  *action or transactions to sell, lease, or other-*  
14                  *wise provide such sophisticated goods, serv-*  
15                  *ices, or technologies, to entities beneficially*  
16                  *owned by the Russian Federation,*  
17           *if such activity under clause (i) or transaction*  
18           *under clause (ii) materially contributes to the*  
19           *ability of Russia to develop or produce major de-*  
20           *fense equipment or advanced conventional weap-*  
21           *ons.*

22           (C) *FORM.*—*The report required under sub-*  
23           *paragraph (A) shall be submitted in unclassified*  
24           *form, but may contain a classified annex.*

25           (D) *EXCEPTION.*—

1           (i) *IN GENERAL.*—*The President shall*  
2           *not be required to identify a foreign person*  
3           *or an agency or instrumentality of a for-*  
4           *foreign state in a report pursuant to subpara-*  
5           *graph (A) if—*

6                     *(I) the foreign person or the agen-*  
7                     *cy or instrumentality of a foreign state*  
8                     *notifies the United States Government*  
9                     *in advance that it proposes to engage*  
10                    *in an activity under subparagraph*  
11                    *(B)(i) or a transaction under subpara-*  
12                    *graph (B)(ii); and*

13                    *(II) the President determines and*  
14                    *notifies the appropriate congressional*  
15                    *committees in classified form prior to*  
16                    *the foreign person or agency or instru-*  
17                    *mentality of a foreign state engaging*  
18                    *in the activity under subparagraph*  
19                    *(B)(i) or transaction under subpara-*  
20                    *graph (B)(ii) that such activity or*  
21                    *transaction is in the national interests*  
22                    *of the United States.*

23           (ii) *NON-APPLICABILITY.*—*The excep-*  
24           *tion under clause (i) shall not apply with*  
25           *respect to—*

1           (I) *an agency or instrumentality*  
2           *of a foreign state the government of*  
3           *which the Secretary of State deter-*  
4           *mines has repeatedly provided support*  
5           *for acts of international terrorism pur-*  
6           *suant to section 6(j) of the Export Ad-*  
7           *ministration Act of 1979 (as continued*  
8           *in effect pursuant to the International*  
9           *Emergency Economic Powers Act), sec-*  
10          *tion 40 of the Arms Export Control*  
11          *Act, section 620A of the Foreign Assist-*  
12          *ance Act of 1961, or any other relevant*  
13          *provision of law; or*

14          (II) *any activity under subpara-*  
15          *graph (B)(i) or transaction under sub-*  
16          *paragraph (B)(ii) that involves, di-*  
17          *rectly or indirectly, a foreign state de-*  
18          *scribed in subclause (I).*

19          (2) *SANCTIONS IMPOSED.—*

20           (A) *IN GENERAL.—Except as provided in*  
21           *subparagraph (C), not later than 180 days after*  
22           *the date of the submission of the report under*  
23           *subsection (b), and annually thereafter for 8*  
24           *years, the President shall impose one or more of*  
25           *the sanctions described in subparagraph (B)*

1           *with respect to any foreign person or agency or*  
2           *instrumentality of a foreign state identified pur-*  
3           *suant to paragraph (1).*

4           *(B) SANCTIONS DESCRIBED.—The sanctions*  
5           *described in this subparagraph are the following:*

6                   *(i) No sales of any defense articles, de-*  
7                   *fense services, or design and construction*  
8                   *services under the Arms Export Control Act*  
9                   *(22 U.S.C. 2751 et seq.) may be made to the*  
10                  *foreign person or agency or instrumentality*  
11                  *of the foreign state.*

12                  *(ii) No licenses for export of any item*  
13                  *on the United States Munitions List that*  
14                  *include the foreign person or agency or in-*  
15                  *strumentality of the foreign state as a party*  
16                  *to the license may be granted.*

17                  *(iii) No exports may be permitted to*  
18                  *the foreign person or agency or instrumen-*  
19                  *tality of the foreign state of any goods or*  
20                  *technologies controlled for national security*  
21                  *reasons under the Export Administration*  
22                  *Regulations, except that such prohibition*  
23                  *shall not apply to any transaction subject*  
24                  *to the reporting requirements of title V of*  
25                  *the National Security Act of 1947 (50*

1           *U.S.C. 413 et seq.; relating to congressional*  
2           *oversight of intelligence activities).*

3           *(iv)(I) The President may exercise of*  
4           *all powers granted to the President by the*  
5           *International Emergency Economic Powers*  
6           *Act (50 U.S.C. 1701 et seq.) (except that the*  
7           *requirements of section 202 of such Act (50*  
8           *U.S.C. 1701) shall not apply) to the extent*  
9           *necessary to block and prohibit all trans-*  
10          *actions in all property and interests in*  
11          *property of a foreign person or agency or*  
12          *instrumentality of the foreign state if such*  
13          *property and interests in property are in*  
14          *the United States, come within the United*  
15          *States, or are or come within the possession*  
16          *or control of a United States person.*

17          *(II)(aa) The authority to impose sanc-*  
18          *tions under subclause (I) shall not include*  
19          *the authority to impose sanctions relating*  
20          *to the importation of goods.*

21          *(bb) In item (aa), the term “good” has*  
22          *the meaning given such term in section 16*  
23          *of the Export Administration Act of 1979*  
24          *(50 U.S.C. App. 2415) (as continued in ef-*  
25          *fect pursuant to the International Emer-*

1            *gency Economic Powers Act (50 U.S.C.*  
2            *1701 et seq.)).*

3            *(cc) The penalties provided for in sub-*  
4            *sections (b) and (c) of section 206 of the*  
5            *International Emergency Economic Powers*  
6            *Act (50 U.S.C. 1705) shall apply to a per-*  
7            *son that violates, attempts to violate, con-*  
8            *spires to violate, or causes a violation of*  
9            *regulations promulgated under this section*  
10           *to carry out subclause (I) to the same extent*  
11           *that such penalties apply to a person that*  
12           *commits an unlawful act described in sec-*  
13           *tion 206(a) of that Act.*

14           *(dd) Except as provided in subpara-*  
15           *graph (I), the President may exercise all*  
16           *authorities provided to the President under*  
17           *sections 203 and 205 of the International*  
18           *Emergency Economic Powers Act (50*  
19           *U.S.C. 1702 and 1704) for purposes of car-*  
20           *rying out subclause (I).*

21           *(C) EXCEPTIONS.—The President shall not*  
22           *be required to apply sanctions with respect to a*  
23           *foreign person or an agency or instrumentality*  
24           *of a foreign state identified pursuant to para-*  
25           *graph (1)—*

1           *(i)(I) if the President certifies to the*  
2           *appropriate congressional committees that*  
3           *the foreign person or agency or instrumen-*  
4           *talility of the foreign state—*

5                     *(aa) is no longer carrying out ac-*  
6                     *tivities or transactions for which the*  
7                     *sanctions were imposed pursuant to*  
8                     *this paragraph; or*

9                     *(bb) has taken and is continuing*  
10                    *to take significant verifiable steps to-*  
11                    *ward terminating the activities or*  
12                    *transactions for which the sanctions*  
13                    *were imposed pursuant to this para-*  
14                    *graph; and*

15           *(II) the President has received reliable*  
16           *assurances from the foreign person or the*  
17           *agency or instrumentality of the foreign*  
18           *state that it will not carry out any activi-*  
19           *ties or transactions for which sanctions may*  
20           *be imposed pursuant to this paragraph in*  
21           *the future;*

22                    *(ii) in the case of procurement of de-*  
23                    *fense articles or defense services by the*  
24                    *United States Government under existing*  
25                    *contracts or subcontracts, including the ex-*

1            *ercise of options for production quantities to*  
2            *satisfy requirements essential to the na-*  
3            *tional security of the United States, if the*  
4            *President determines in writing to the ap-*  
5            *propriate congressional committees that—*

6                    *(I) the foreign person or agency or*  
7                    *instrumentality of a foreign state to*  
8                    *which the sanctions would otherwise be*  
9                    *applied is a sole source supplier of the*  
10                  *defense articles or services, that the de-*  
11                  *fense articles or services are essential,*  
12                  *and that alternative sources are not*  
13                  *readily or reasonably available; and*

14                  *(II) it is in the national interest*  
15                  *and the President certifies such deter-*  
16                  *mination in writing to the appropriate*  
17                  *congressional committees; or*

18                  *(iii) if the President certifies in writ-*  
19                  *ing to the appropriate congressional com-*  
20                  *mittees that the identification of the foreign*  
21                  *person or agency or instrumentality of a*  
22                  *foreign state would impede the supply by*  
23                  *any entity of the Russian Federation of a*  
24                  *product or service, or the procurement of*



1            *such product or service, by the Government*  
2            *of the United States—*

3                    *(I) for purposes of civil aviation*  
4                    *safety; or*

5                    *(II) in connection with any space*  
6                    *launch conducted for the Government*  
7                    *of the United States.*

8            *(3) WAIVER.—The President may waive the ap-*  
9            *plication of paragraph (2) for renewable periods not*  
10          *to exceed 180 days with respect to a foreign person*  
11          *or foreign persons, or agency or instrumentality of a*  
12          *foreign state, if the President—*

13                    *(A) determines that the waiver is important*  
14                    *to the national security of the United States; and*

15                    *(B) before the waiver takes effect, briefs the*  
16                    *appropriate congressional committees on the*  
17                    *waiver and the reason for the waiver.*

18          *(4) DEFINITIONS.—In this subsection:*

19                    *(A) ADVANCED CONVENTIONAL WEAPONS.—*  
20                    *The term “advanced conventional weapons” in-*  
21                    *cludes—*

22                            *(i) such long-range precision-guided*  
23                            *munitions, fuel air explosives, cruise mis-*  
24                            *siles, low observability aircraft, other radar*  
25                            *evading aircraft, advanced military air-*

craft, military satellites, electromagnetic weapons, and laser weapons that the President determines enhance offensive capabilities in destabilizing ways;

(ii) such advanced command, control, and communications systems, electronic warfare systems, or intelligence collection systems that the President determines enhance offensive capabilities in destabilizing ways;

(iii) the S-300 and S-400 missile defense systems and air superiority fighters; and

(iv) such other items or systems as the President may, by regulation, determine necessary for purposes of this subsection.

(B) AGENCY OR INSTRUMENTALITY OF A FOREIGN STATE.—The term “agency or instrumentality of a foreign state” has the meaning given such term in section 1603(b) of title 28, United States Code.

(C) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term “appropriate congressional committees” means—

1           (i) *the Committee on Foreign Rela-*  
2           *tions, the Committee on Armed Services, the*  
3           *Committee on Banking, Housing, and*  
4           *Urban Affairs, and the Committee on Fi-*  
5           *nance of the Senate; and*

6           (ii) *the Committee on Foreign Affairs,*  
7           *the Committee on Armed Services, the Com-*  
8           *mittee on Financial Services, and the Com-*  
9           *mittee on Ways and Means of the House of*  
10          *Representatives.*

11          (D) *FOREIGN PERSON.*—*The term “foreign*  
12          *person” means—*

13               (i) *an individual who is not a United*  
14               *States person; or*

15               (ii) *a corporation, partnership, or*  
16               *other nongovernmental entity which is not a*  
17               *United States person.*

18          (E) *MAJOR DEFENSE EQUIPMENT.*—*The*  
19          *term “major defense equipment” has the mean-*  
20          *ing given such term under section 120.8 of title*  
21          *22, Code of Federal Regulations (as in effect on*  
22          *the date of the enactment of this Act).*

23          (F) *PERSON.*—*The term “person” means—*

24               (i) *a natural person;*

1                   (ii) a corporation, business association,  
2                   partnership, society, trust, financial institu-  
3                   tion, insurer, underwriter, guarantor, and  
4                   any other business organization, any other  
5                   nongovernmental entity, organization, or  
6                   group, and any governmental entity oper-  
7                   ating as a business enterprise; and

8                   (iii) any successor to any entity de-  
9                   scribed in clause (ii).

10                  (G) UNITED STATES PERSON.—The term  
11                  “United States person” means—

12                   (i) a United States citizen or an alien  
13                   lawfully admitted for permanent residence  
14                   to the United States;

15                   (ii) an entity organized under the laws  
16                   of the United States or of any jurisdiction  
17                   within the United States, including a for-  
18                   eign branch of such an entity; or

19                   (iii) any person in the United States.

20                  (5) DETERMINATION OF SOPHISTICATED.—The  
21                  Secretary of State, with the concurrence of the Sec-  
22                  retary of Defense and in coordination with the heads  
23                  of other relevant Federal agencies, shall promulgate  
24                  regulations to determine if a good, service, or tech-  
25                  nology is sophisticated for purposes of this section.

1           (6) *DETERMINATION OF BENEFICIAL OWNER-*  
2           *SHIP.*—Not later than 90 days after the date of the  
3           enactment of this Act, the President shall promulgate  
4           regulations for determining beneficial ownership of an  
5           entity described in paragraph (1)(B)(ii) to be less  
6           than fifty percent ownership.

7           (7) *COOPERATION.*—The Secretary of State shall  
8           seek to consult and cooperate with United States al-  
9           lies and partners to impose sanctions as required  
10          under this subsection and to maximize the effect of  
11          these sanctions.

12          (8) *EFFECTIVE DATE.*—This subsection takes ef-  
13          fect on the date of the enactment of this Act and ap-  
14          plies with respect to activities and transactions de-  
15          scribed in paragraph (1) that are carried out on or  
16          after such date of enactment.

17          (d) *ADDITIONAL MEASURES FOR THE PURCHASE OF*  
18          *CERTAIN DEFENSE ARTICLES OR DEFENSE SERVICES*  
19          *FROM RUSSIA.*—

20               (1) *IN GENERAL.*—In the case of an agency or  
21               instrumentality of the Islamic Republic of Iran or of  
22               any other state sponsor of terrorism that engages in  
23               the activities described in paragraph (2), the Presi-  
24               dent shall, pursuant to section 6 of the Export Ad-  
25               ministration Act of 1979 (as continued in effect pur-

1        *suant to the International Emergency Economic Pow-*  
2        *ers Act (50 U.S.C. 1701 et seq.)), require a license*  
3        *under the Export Administration Regulations to ex-*  
4        *port, re-export, or transfer to that foreign state, or*  
5        *specific sectors of that foreign state, any item subject*  
6        *to the Export Administration Regulations other than*  
7        *food, medicine, or medical devices.*

8                (2) *ACTIVITIES DESCRIBED.—The activities de-*  
9        *scribed in this paragraph are the purchase, lease, or*  
10       *acquisition, on or after March 6, 2014, of major de-*  
11       *fense equipment or advanced conventional weapons*  
12       *from the Russian Federation.*

13               (3) *SUSPENSION OF APPLICATION.—The Presi-*  
14       *dent may suspend the application of the measures de-*  
15       *scribed in paragraph (1) for renewable periods not to*  
16       *exceed 180 days if the President determines and re-*  
17       *ports to the appropriate congressional committees that*  
18       *it is in the national security interest of the United*  
19       *States to do so.*

20               (4) *RULE OF CONSTRUCTION.—Nothing in this*  
21       *subsection shall be construed to apply to reexports of*  
22       *foreign manufactured items by non-United States*  
23       *persons that contain less than 10 percent United*  
24       *States-origin content, or previously licensed exports,*  
25       *reexports, or transfers.*

1           (5) *DEFINITIONS.—In this subsection:*

2                   (A) *ADVANCED CONVENTIONAL WEAPONS.—*  
3           *The term “advanced conventional weapons” has*  
4           *the meaning given such term in subsection (c).*

5                   (B) *APPROPRIATE CONGRESSIONAL COMMIT-*  
6           *TEES.—The term “appropriate congressional*  
7           *committees” means the Committee on Foreign*  
8           *Relations of the Senate and the Committee on*  
9           *Foreign Affairs of the House of Representatives.*

10                  (C) *EXPORT ADMINISTRATION REGULA-*  
11           *TIONS.—The term “Export Administration Reg-*  
12           *ulations” means subchapter C of chapter VII of*  
13           *title 15, Code of Federal Regulations (as in effect*  
14           *on the date of the enactment of this Act).*

15                  (D) *MAJOR DEFENSE EQUIPMENT.—The*  
16           *term “major defense equipment” has the mean-*  
17           *ing given such term in subsection (c).*

18                  (E) *STATE SPONSOR OF TERRORISM.—The*  
19           *term “state sponsor of terrorism” means a coun-*  
20           *try the government of which the Secretary of*  
21           *State determines has repeatedly provided support*  
22           *for acts of international terrorism pursuant to*  
23           *section 6(j) of the Export Administration Act of*  
24           *1979 (as continued in effect pursuant to the*  
25           *International Emergency Economic Powers Act),*

1           *section 40 of the Arms Export Control Act, sec-*  
 2           *tion 620A of the Foreign Assistance Act of 1961,*  
 3           *or any other relevant provision of law.*

4           (6) *EFFECTIVE DATE.*—*The licensing require-*  
 5           *ment under paragraph (1) shall take effect not later*  
 6           *than 90 days after the date of the enactment of this*  
 7           *Act.*

8           (e) *SPECIAL RULE TO ALLOW FOR TERMINATION OF*  
 9           *SANCTIONS WITH RESPECT TO PERSONS ENGAGING IN*  
 10           *TRANSACTIONS WITH THE INTELLIGENCE OR DEFENSE*  
 11           *SECTORS OF THE GOVERNMENT OF THE RUSSIAN FEDERA-*  
 12           *TION.*—*Section 231 of the Countering America’s Adver-*  
 13           *saries Through Sanctions Act (Public Law 115–44; 22*  
 14           *U.S.C. 9525) is amended—*

15                 (1) *by redesignating subsections (d) and (e) as*  
 16                 *subsection (e) and (f), respectively; and*

17                 (2) *by inserting after subsection (c), as amended,*  
 18                 *the following new subsection:*

19                 “(d) *SPECIAL RULE TO ALLOW FOR TERMINATION OF*  
 20                 *SANCTIONABLE ACTIVITY.*—

21                         “(1) *CERTIFICATION.*—*The President shall not be*  
 22                         *required to apply sanctions to a person described in*  
 23                         *subsection (a) for renewable periods not to exceed 180*  
 24                         *days with respect to the person if the President cer-*



1        *tifies in writing to the appropriate congressional*  
2        *committees that—*

3                *“(A) the person—*

4                        *“(i) is no longer engaging in the activ-*  
5                        *ity described in subsection (a);*

6                        *“(ii) has taken and is continuing to*  
7                        *take significant verifiable steps toward ter-*  
8                        *minating the activity described in that sub-*  
9                        *section; or*

10                      *“(iii) has agreed to reduce reliance*  
11                      *upon Russian defense or intelligence sectors*  
12                      *of the Government of the Russian Federa-*  
13                      *tion trade over a specified period;*

14                      *“(B) the person is taking specified actions*  
15                      *to further the enforcement of this section; and*

16                      *“(C) the President has received reliable as-*  
17                      *surances from the government with primary ju-*  
18                      *risdiction over the person that the person will*  
19                      *not engage in any activity described in sub-*  
20                      *section (a) in the future outside of the param-*  
21                      *eters of any actions specified in subparagraph*  
22                      *(A)(ii) or (iii) of such certification.*

23                      *“(2) FORM.—The certification described in para-*  
24                      *graph (1) shall be transmitted in an unclassified*  
25                      *form, and may contain a classified annex.”.*

1       (f) *EXCEPTION RELATING TO IMPORTATION OF*  
 2 *GOODS.*—No provision affecting sanctions under this sec-  
 3 tion or an amendment made by this section shall apply to  
 4 any portion of a sanction that affects the importation of  
 5 goods.

6       (g) *TERMINATION.*—This section, including the author-  
 7 ity to impose sanctions under this section and any sanc-  
 8 tions so imposed, and any amendment made by this section  
 9 shall terminate on the date that is 5 years after the date  
 10 of the enactment of this Act.

11 **SEC. 1237. EXTENSION OF LIMITATION ON MILITARY CO-**  
 12 **OPERATION BETWEEN THE UNITED STATES**  
 13 **AND THE RUSSIAN FEDERATION.**

14       Section 1232(a) of the National Defense Authorization  
 15 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
 16 2488), as amended by section 1231 of the National Defense  
 17 Authorization Act for Fiscal Year 2018 (Public Law 115–  
 18 91), is further amended by striking “or 2018” and inserting  
 19 “, 2018, or 2019”.

20 **SEC. 1238. SENSE OF CONGRESS REGARDING RUSSIA’S VIO-**  
 21 **LATIONS OF THE CHEMICAL WEAPONS CON-**  
 22 **VENTION.**

23       (a) *FINDINGS.*—Congress finds the following:

24               (1) *The United States ratified the Convention on*  
 25 *the Prohibition of the Development, Production,*

1     *Stockpiling and Use of Chemical Weapons and on*  
2     *their Destruction, known as the “Chemical Weapons*  
3     *Convention”, on April 24, 1997.*

4             *(2) The Russian Federation ratified the Chem-*  
5     *ical Weapons Convention on November 5, 1997.*

6             *(3) Article 1 of the Chemical Weapons Conven-*  
7     *tion requires all signatories to “never under any cir-*  
8     *cumstances...use chemical weapons”.*

9             *(4) Russia’s stock of chemical weapons has been*  
10    *implicated in the assassination or injuries of the fol-*  
11    *lowing individuals:*

12             *(A) Sergei Skripal, Yulia Skripal, and*  
13     *Wiltshire Police Detective Sergeant Nicholas*  
14     *Bailey, poisoned using the nerve agent*  
15     *“novichok” in Salisbury, England, in March*  
16     *2018.*

17             *(B) Alexander Litvinenko, poisoned using*  
18     *polonium, in London, England, in November*  
19     *2006, about whose death a January 2016 inquest*  
20     *ordered by the British Parliament concluded*  
21     *“the FSB operation to kill Mr Litvinenko was*  
22     *probably approved by Mr Patrushev [then-direc-*  
23     *tor of the FSB] and also by President Putin”.*

1           (5) *Russia has also demonstrated its disregard*  
2 *for the obligations imposed by the Chemical Weapons*  
3 *Convention by—*

4                 (A) *continuing to provide military and dip-*  
5 *lomatic support for Syrian President Bashar al-*  
6 *Assad, who has used chemical weapons including*  
7 *chlorine gas and sarin against Syrian citizens;*

8                 (B) *actively working to hinder the efforts of*  
9 *inspectors of the Organization for the Prohibi-*  
10 *tion of Chemical Weapons in Syria; and*

11                (C) *consistently using its veto power at the*  
12 *United Nations Security Council to prevent ef-*  
13 *fective international action against Assad for*  
14 *such activities.*

15           (6) *The Condition 10(C) Report on Compliance*  
16 *with the Convention on the Prohibition of the Devel-*  
17 *opment, Production, Stockpiling and Use of Chemical*  
18 *Weapons and on Their Destruction published by the*  
19 *Department of State in March 2018 asserts that*  
20 *“Based on available information, the United States*  
21 *cannot certify that Russia has met its obligations*  
22 *under the Chemical Weapons Convention for declara-*  
23 *tion of its: (1) [chemical weapons production facili-*  
24 *ties]; (2) [chemical weapons] development facilities;*  
25 *and (3) [chemical weapons] stockpiles. In fact, due to*

1       *Russia’s March 4, 2018, use of a military-grade nerve*  
 2       *agent to attack two individuals in the United King-*  
 3       *dom, the United States certifies that the Russian Fed-*  
 4       *eration is in non-compliance with its obligations*  
 5       *under the [Chemical Weapons Convention].”.*

6       **(b) SENSE OF CONGRESS.**—*It is the sense of Congress*  
 7       *that the Russia’s actions constitute violations of Russia’s*  
 8       *obligations under the Chemical Weapons Convention.*

9       **SEC. 1239. UNITED STATES ACTIONS REGARDING MATERIAL**  
 10               **BREACH OF INF TREATY BY THE RUSSIAN**  
 11               **FEDERATION.**

12       **(a) UNITED STATES ACTIONS.**—*If the President does*  
 13       *not certify to the appropriate congressional committees that*  
 14       *the Russian Federation has returned to full and verifiable*  
 15       *compliance with the INF Treaty within one year of the date*  
 16       *of the enactment of this Act, the prohibitions set forth in*  
 17       *Article VI of the INF Treaty shall no longer be binding*  
 18       *on the United States as a matter of United States law.*

19       **(b) DEFINITIONS.**—*In this section:*

20               **(1) APPROPRIATE CONGRESSIONAL COMMIT-**  
 21       **TEES.**—*The term “appropriate congressional commit-*  
 22       *tees” means—*

23                       **(A) the congressional defense committees;**  
 24               *and*

1                   (B) *the Committee on Foreign Relations of*  
 2                   *the Senate and the Committee on Foreign Affairs*  
 3                   *of the House of Representatives.*

4                   (2) *INF TREATY.*—*The term “INF Treaty”*  
 5                   *means the Treaty Between the United States of Amer-*  
 6                   *ica and the Union of Soviet Socialist Republics on*  
 7                   *the Elimination of Their Intermediate-Range and*  
 8                   *Shorter-Range Missiles, commonly referred to as the*  
 9                   *“Intermediate-Range Nuclear Forces (INF) Treaty”,*  
 10                   *signed at Washington December 8, 1987, and entered*  
 11                   *into force June 1, 1988.*

12 **SEC. 1240. LIMITATION ON AVAILABILITY OF FUNDS TO EX-**  
 13                   **TEND THE IMPLEMENTATION OF THE NEW**  
 14                   **START TREATY.**

15                   (a) *FINDINGS.*—*Congress finds the following:*

16                   (1) *The New START Treaty provides that,*  
 17                   *“[w]hen a Party believes that a new kind of strategic*  
 18                   *offensive arm is emerging, that Party shall have the*  
 19                   *right to raise the question of such a strategic offensive*  
 20                   *arm for consideration in the Bilateral Consultative*  
 21                   *Commission”.*

22                   (2) *Russian Federation President Vladimir*  
 23                   *Putin stated in a March 1, 2018, public speech that—*

24                   (A) *“I will speak about the newest systems*  
 25                   *of Russian strategic weapons that we are cre-*

1        *ating. . .we have embarked on the development*  
2        *of the next generation of missiles.”;*

3            (B) *“We started to develop new types of*  
4        *strategic arms that do not use ballistic trajec-*  
5        *tories at all when moving toward a target.”;*

6            (C) *“One of them is a small-scale heavy-*  
7        *duty nuclear energy unit that can be installed in*  
8        *a missile like our latest X-101 air-launched mis-*  
9        *sile. . .In late 2017, Russia successfully*  
10       *launched its latest nuclear-powered missile at the*  
11       *central training ground. During its flight, the*  
12       *nuclear-powered engine reached its design capac-*  
13       *ity and provided the necessary propulsion.”;*

14           (D) *“[i]n December 2017, an innovative*  
15       *nuclear power unit for this unmanned under-*  
16       *water vehicle completed a test cycle that lasted*  
17       *many years. . .[t]he tests that were conducted*  
18       *enabled us to begin developing a new type of*  
19       *strategic weapon that would carry massive nu-*  
20       *clear ordnance”;*

21           (E) *“[b]y the way, we have yet to choose*  
22       *names for these two new strategic weapons, the*  
23       *global range cruise missile and the unmanned*  
24       *underwater vehicle. We are waiting for sugges-*  
25       *tions from the Defence Ministry”;*

1           (F) “A real technological breakthrough is  
 2           the development of a strategic missile system  
 3           with fundamentally new combat equipment- a  
 4           gliding wing unit, which has also been success-  
 5           fully tested. . .[w]e called it the Avangard”; and

6           (G) “I want to specifically emphasise that  
 7           the newly developed strategic arms - in fact, new  
 8           types of strategic weapons- are not the result of  
 9           something left over from the Soviet Union. Of  
 10          course, we relied on some ideas from our inge-  
 11          nious predecessors. But everything I have de-  
 12          scribed today is the result of the last several  
 13          years, the product of dozens of research  
 14          organisations, design bureaus and institute.”.

15          (3) During the House Armed Services Committee  
 16          hearing on April 12, 2018, Secretary of Defense  
 17          James Mattis was asked whether Russia should honor  
 18          the terms of the treaty and limit its new strategic of-  
 19          fensive arms under the New START Treaty as it re-  
 20          quires and he stated “Sir, I believe they should.”.

21          (b) LIMITATION.—None of the funds authorized to be  
 22          appropriated or otherwise made available for fiscal year  
 23          2019 for the Department of Defense may be obligated or  
 24          expended to extend the implementation of the New START  
 25          Treaty unless and until the President—



1           (1) *certifies to the appropriate congressional*  
2     *committees that—*

3                 (A) *the President has raised the issue of*  
4                 *covered Russian systems in the appropriate fora*  
5                 *with the Russian Federation under Article V of*  
6                 *the New START Treaty or otherwise; and*

7                 (B) *the Russian Federation has responded*  
8                 *in writing to the United States as to whether*  
9                 *they will agree to declare the covered Russian*  
10                *systems as strategic offensive arms or otherwise*  
11                *pursuant to the New START Treaty;*

12           (2) *submits a copy of the written response of the*  
13     *Russian Federation described in paragraph (1)(B) to*  
14     *the appropriate congressional committees; and*

15           (3) *notifies the appropriate congressional com-*  
16     *mittees as to whether the position of the Russian Fed-*  
17     *eration threatens the viability of the New START*  
18     *Treaty or requires appropriate United States polit-*  
19     *ical, economic, or military responses.*

20     (c) *DEFINITIONS.—In this section:*

21                 (1) *APPROPRIATE CONGRESSIONAL COMMIT-*  
22     *TEES.—The term “appropriate congressional commit-*  
23     *tees” means—*

24                         (A) *the congressional defense committees;*

25                         *and*

1                   (B) *the Committee on Foreign Relations of*  
2                   *the Senate and the Committee on Foreign Affairs*  
3                   *of the House of Representatives.*

4                   (2) *COVERED RUSSIAN SYSTEMS.—The term*  
5                   *“covered Russian systems” means the following:*

6                   (A) *The heavy intercontinental missile sys-*  
7                   *tem known as “Sarmat” or otherwise identified.*

8                   (B) *An air-launched nuclear-powered cruise*  
9                   *missile known as “X-101” or otherwise identi-*  
10                  *fied.*

11                  (C) *An unmanned underwater vehicle*  
12                  *known as “Status 6” or otherwise identified.*

13                  (D) *The long-distance guided flight*  
14                  *hypersonic weapons system known by*  
15                  *“Avanguard” or otherwise identified.*

16                  (3) *NEW START TREATY.—The term “New*  
17                  *START Treaty” means the Treaty between the*  
18                  *United States of America and the Russian Federation*  
19                  *on Measures for the Further Reduction and Limita-*  
20                  *tion of Strategic Offensive Arms, signed at Prague*  
21                  *April 8, 2010, and entered into force February 5,*  
22                  *2011.*

1    ***Subtitle E—Matters Relating to the***  
2                   ***Indo-Pacific Region***

3    ***SEC. 1251. SUPPORT FOR INDO-PACIFIC STABILITY INITIA-***  
4                   ***TIVE.***

5           (a) *SENSE OF CONGRESS.—It is the sense of Congress*  
6    *that—*

7                   (1) *the Initiative established pursuant to sub-*  
8           *section (b) of section 1251 of the National Defense Au-*  
9           *thorization Act for Fiscal Year 2018 (Public Law*  
10          *115–91; 131 Stat. 1676) bolsters the efforts of the*  
11          *United States and its allies and partners in the Indo-*  
12          *Pacific region to deter aggression by providing re-*  
13          *sources to—*

14                          (A) *increase the presence and capabilities*  
15                          *and enhance the posture of the United States*  
16                          *Armed Forces in the region;*

17                          (B) *improve military and defense infra-*  
18                          *structure, basing, logistics, and access in the*  
19                          *Indo-Pacific region in order to enhance the re-*  
20                          *sponsiveness and capabilities of the United*  
21                          *States Armed Forces; and*

22                          (C) *increase bilateral and multilateral*  
23                          *training and exercises with regional allies and*  
24                          *partners; and*

1           (2) *the United States should develop a multi-*  
2           *year strategic plan that specifies resource priorities to*  
3           *meet the objectives and the activities of the Initiative*  
4           *described in subsection (c) of such section 1251.*

5           (b) *REQUIREMENT AND RESOURCE PLAN.*—*Not later*  
6           *than March 1, 2019, the Secretary of Defense, in consulta-*  
7           *tion with the Secretary of State, shall submit to the appro-*  
8           *priate congressional committees a requirement and resource*  
9           *plan that includes the following:*

10           (1) *An analysis of the challenges faced by the*  
11           *United States to meet the objectives and activities*  
12           *outlined in subsection (c) of such section 1251.*

13           (2) *The plan, resource requirements, and any ad-*  
14           *ditional authorities needed through fiscal year 2024*  
15           *to address such challenges.*

16           (c) *FORM.*—*The report required by subsection (b) shall*  
17           *be submitted in unclassified form but may include a classi-*  
18           *fied annex.*

19           (d) *INCLUSION IN BUDGET MATERIALS.*—*The Sec-*  
20           *retary of Defense shall also include the requirement and re-*  
21           *source plan required by subsection (b) in the budget mate-*  
22           *rials submitted by the Secretary in support of the budget*  
23           *of the President for fiscal year 2020 (submitted to Congress*  
24           *pursuant to section 1105 of title 31, United States Code).*

1       (e) *CONFORMING AMENDMENT.*—Section 1251 of the  
2   *National Defense Authorization Act for Fiscal Year 2018*  
3   is amended by striking “Indo-Asia-Pacific” and inserting  
4   “Indo-Pacific” each place it appears.

5       (f) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
6   *FINED.*—In this section, the term “appropriate congres-  
7   sional committees” means—

8               (1) *the congressional defense committees; and*

9               (2) *the Committee on Foreign Relations of the*  
10   *Senate and the Committee on Foreign Affairs of the*  
11   *House of Representatives.*

12   **SEC. 1252. UNITED STATES STRATEGY ON CHINA.**

13       (a) *FINDINGS.*—Congress finds the following:

14               (1) *The United States has a national strategic*  
15   *interest in ensuring that the United States maintains*  
16   *political, diplomatic, economic, military, and techno-*  
17   *logical advantages over competitive adversaries.*

18               (2) *The 2018 National Defense Strategy states*  
19   *that “the central challenge to the U.S. prosperity and*  
20   *security is the reemergence of long-term, strategic*  
21   *competition by what the National Security Strategy*  
22   *classifies as revisionist powers. It is increasingly clear*  
23   *that China and Russia want to shape a world con-*  
24   *sistent with their authoritarian model—gaining veto*

1        *authority over other nations’ economic, diplomatic,*  
2        *and security decisions”.*

3            *(3) The 2018 National Defense Strategy further*  
4        *states that “China is leveraging military moderniza-*  
5        *tion, influence operations, and predatory economics to*  
6        *coerce neighboring countries to reorder the Indo-Pa-*  
7        *cific region to their advantage. As China continues its*  
8        *economic and military ascendance, asserting power*  
9        *through an all-of-nation long term strategy, it will*  
10       *continue to pursue a military modernization program*  
11       *that seeks Indo-Pacific regional hegemony in the*  
12       *near-term and displacement of the United States to*  
13       *achieve global preeminence in the future”.*

14           *(4) Statements by officials of the United States*  
15       *and leading experts have emphasized that the United*  
16       *States requires a whole-of-government response, across*  
17       *the full spectrum of capabilities, to address the chal-*  
18       *lenges posed by China.*

19        *(b) STATEMENT OF POLICY.—Congress declares that*  
20       *long-term strategic competition with China is a principal*  
21       *priority for the United States that requires the integration*  
22       *of multiple elements of national power, including diplo-*  
23       *matic, economic, intelligence, law enforcement, and mili-*  
24       *tary elements, to protect and strengthen national security.*

25        *(c) STRATEGY REQUIRED.—*

1           (1) *IN GENERAL.*—Not later than March 1, 2019,  
2       the President shall submit to the appropriate congressional  
3       committees a report containing a whole-of-government  
4       strategy with respect to the People’s Republic  
5       of China.

6           (2) *ELEMENTS OF STRATEGY.*—The strategy required  
7       by paragraph (1) shall include the following:

8           (A) *Strategic assessments of and planned*  
9       *responses to address the following activities by*  
10      *the Chinese Communist Party:*

11           (i) *The use of political influence, information*  
12      *operations, censorship, and propaganda to undermine democratic institutions*  
13      *and processes, and the freedoms of speech,*  
14      *expression, press, and academic thought.*

15           (ii) *The use of intelligence networks to*  
16      *exploit open research and development.*

17           (iii) *The use of economic tools, including*  
18      *market access and investment to gain*  
19      *access to sensitive United States industries.*

20           (iv) *Malicious cyber activities.*

21           (v) *The use of investment, infrastructure,*  
22      *and development projects, such as China’s Belt and Road Initiative, in Africa,*  
23      *Europe, Central Asia, South America, and*  
24      *Europe, Central Asia, South America, and*  
25      *Europe, Central Asia, South America, and*

1           *the Indo-Pacific region, and the Polar Silk*  
2           *Road in the Arctic, as a means to gain ac-*  
3           *cess and influence.*

4           *(vi) The use of military activities, ca-*  
5           *pabilities, and defense installations, and hy-*  
6           *brid warfare methods, short of traditional*  
7           *armed conflict, against the United States or*  
8           *its allies and partners.*

9           *(B) Available or planned methods to en-*  
10          *hance strategic communication to counter Chi-*  
11          *nese influence and promote United States inter-*  
12          *ests.*

13          *(C) An identification of the key diplomatic,*  
14          *development, intelligence, military, and economic*  
15          *resources necessary to implement the strategy.*

16          *(D) A plan to maximize the coordination*  
17          *and effectiveness of such resources to counter the*  
18          *threats posed by the activities described in sub-*  
19          *paragraph (A).*

20          *(E) Available or planned interagency mech-*  
21          *anisms for the coordination and implementation*  
22          *of the strategy.*

23          *(3) FORM.—The report required by paragraph*  
24          *(1) shall be submitted in unclassified form, but may*  
25          *include a classified annex.*



1           (4) *ANNUAL BUDGET SUBMISSION.*—*The Presi-*  
2           *dent shall ensure that the annual budget submitted to*  
3           *Congress pursuant to section 1105 of title 31, United*  
4           *States Code clearly highlights the programs and*  
5           *projects proposed to be funded that relate to the strat-*  
6           *egy required by paragraph (1).*

7           (5) *APPROPRIATE CONGRESSIONAL COMMIT-*  
8           *TEES.*—*In this section, the term “appropriage con-*  
9           *gressional committees” means—*

10                   (A) *the Committee on Armed Services, the*  
11                   *Committee on Foreign Relations, the Select Com-*  
12                   *mittee on Intelligence, the Committee on Fi-*  
13                   *nance, the Committee on Homeland Security*  
14                   *and Governmental Affairs, the Committee on the*  
15                   *Judiciary, the Committee on Commerce, Science,*  
16                   *and Transportation, and the Committee on the*  
17                   *Budget of the Senate; and*

18                   (B) *the Committee on Armed Services, the*  
19                   *Committee on Foreign Affairs, the Permanent*  
20                   *Select Committee on Intelligence, the Committee*  
21                   *on Financial Services, the Committee on Home-*  
22                   *land Security, the Committee on the Judiciary,*  
23                   *the Committee on Energy and Commerce, and*  
24                   *the Committee on the Budget of the House of*  
25                   *Representatives.*

1 **SEC. 1253. STRENGTHENING TAIWAN'S FORCE READINESS.**

2       (a) *DEFENSE ASSESSMENT.*—*The Secretary of Defense*  
3 *shall, in consultation with appropriate counterparts of Tai-*  
4 *wan, conduct a comprehensive assessment of Taiwan's mili-*  
5 *tary forces, particularly Taiwan's reserves. The assessment*  
6 *shall provide recommendations to improve the efficiency, ef-*  
7 *fectiveness, readiness, and resilience of Taiwan's self-defense*  
8 *capability in the following areas:*

9           (1) *Personnel management and force develop-*  
10 *ment, particularly reserve forces.*

11          (2) *Recruitment, training, and military pro-*  
12 *grams.*

13          (3) *Command, control, communications and in-*  
14 *telligence.*

15          (4) *Technology research and development.*

16          (5) *Defense article procurement and logistics.*

17          (6) *Strategic planning and resource manage-*  
18 *ment.*

19       (b) *REPORT REQUIRED.*—

20           (1) *IN GENERAL.*—*Not later than 1 year after*  
21 *the date of the enactment of this Act, the Secretary of*  
22 *Defense, in consultation with the Secretary of State,*  
23 *shall submit to the appropriate congressional commit-*  
24 *tees a report containing each of the following:*

25           (A) *A summary of the assessment conducted*  
26 *pursuant to subsection (a).*

1                   (B) *A list of any recommendations resulting*  
2                   *from such assessment.*

3                   (C) *A plan for the United States, including*  
4                   *by using appropriate security cooperation au-*  
5                   *thorities, to—*

6                         (i) *facilitate any relevant recommenda-*  
7                         *tions from such list;*

8                         (ii) *expand senior military-to-military*  
9                         *engagement and joint training by the*  
10                         *United States Armed Forces with the mili-*  
11                         *tary of Taiwan; and*

12                         (iii) *support United States foreign*  
13                         *military sales and other equipment trans-*  
14                         *fers to Taiwan, particularly for developing*  
15                         *asymmetric warfare capabilities.*

16                   (2) *APPROPRIATE SECURITY COOPERATION AU-*  
17                   *THORITIES.—For purposes of the plan described in*  
18                   *paragraph (1)(C), the term “appropriate security co-*  
19                   *operation authorities” means—*

20                         (A) *section 311 of title 10, United States*  
21                         *Code (relating to exchange of defense personnel);*

22                         (B) *section 332 such title (relating to de-*  
23                         *fense institution building); and*

24                         (C) *other security cooperation authorities*  
25                         *under chapter 16 of such title.*

1           (3) *APPROPRIATE CONGRESSIONAL COMMIT-*  
 2           *TEES.—In this subsection, the term “appropriate con-*  
 3           *gressional committees” means—*

4                     (A) *the congressional defense committees;*  
 5                     *and*

6                     (B) *the Committee on Foreign Relations of*  
 7                     *the Senate and the Committee on Foreign Affairs*  
 8                     *of the House of Representatives.*

9   **SEC. 1254. MODIFICATION, REDESIGNATION, AND EXTEN-**  
 10                   **SION OF SOUTHEAST ASIA MARITIME SECU-**  
 11                   **RITY INITIATIVE.**

12           (a) *MODIFICATION AND REDESIGNATION.—*

13                   (1) *IN GENERAL.—Subsection (a) of section 1263*  
 14                   *of the National Defense Authorization Act for Fiscal*  
 15                   *Year 2016 (Public Law 114–92; 129 Stat. 1073; 10*  
 16                   *U.S.C. 2282 note), as amended by section 1289 of the*  
 17                   *National Defense Authorization Act for Fiscal Year*  
 18                   *2017 (Public Law 114–328; 130 Stat. 2555), is fur-*  
 19                   *ther amended—*

20                     (A) *in paragraph (1), by striking “South*  
 21                     *China Sea” and inserting “South China Sea*  
 22                     *and Indian Ocean”; and*

23                     (B) *in paragraph (2), by striking “the*  
 24                     *‘Southeast Asia Maritime Security Initiative’”*

1           and inserting “the ‘Indo-Pacific Maritime Secu-  
2           rity Initiative’”.

3           (2) *CONFORMING AMENDMENT.*—*The heading of*  
4           *such section is amended to read as follows:*

*“Sec. 1263. Indo-Pacific Maritime Security Initiative.”.*

5           (b) *COVERED COUNTRIES.*—*Subsection (e)(2) of such*  
6           *section is amended by adding at the end the following:*

7                   “(D) *India.*”.

8           (c) *DESIGNATION OF ADDITIONAL COUNTRIES.*—*Such*  
9           *section is further amended—*

10           (1) *in subsection (e)(1), by striking “subsection*  
11           *(f)” and inserting “subsection (g)”;*

12           (2) *by redesignating subsections (f), (g), and (h)*  
13           *as subsections (g), (h), and (i), respectively; and*

14           (3) *by inserting after subsection (e) the following:*

15           “(f) *INCLUSION OF ADDITIONAL COUNTRIES.*—*The*  
16           *Secretary of Defense, with the concurrence of the Secretary*  
17           *of State, is authorized to include additional foreign coun-*  
18           *tries under subsection (b) for purposes of providing assist-*  
19           *ance and training under subsection (a) and additional for-*  
20           *eign countries under subsection (e)(2) for purposes of pro-*  
21           *viding payment of incremental expenses in connection with*  
22           *training described in subsection (a)(1)(B) if, with respect*  
23           *to each such additional foreign country, the Secretary deter-*  
24           *mines and certifies to the appropriate committees of Con-*  
25           *gress that it is important for increasing maritime security*

1 *and maritime domain awareness in the Indo-Pacific re-*  
 2 *gion.”.*

3 (d) *EXTENSION.*—*Subsection (i) of such section, as re-*  
 4 *designated, is amended by striking “September 30, 2020”*  
 5 *and inserting “September 30, 2023”.*

6 **SEC. 1255. MISSILE DEFENSE EXERCISES IN THE INDO-PA-**  
 7 **CIFIC REGION WITH UNITED STATES RE-**  
 8 **GIONAL ALLIES AND PARTNERS.**

9 (a) *FINDINGS.*—*Congress finds the following:*

10 (1) *The Democratic People’s Republic of Korea*  
 11 *(North Korea) continues to develop, test, and threaten*  
 12 *the use of intercontinental ballistic missiles and nu-*  
 13 *clear weapons that threaten the United States and*  
 14 *United States allies and partners.*

15 (2) *The People’s Republic of China and the Rus-*  
 16 *sian Federation continue to develop and deploy ad-*  
 17 *vanced counter-intervention technologies, including*  
 18 *fielding and testing highly maneuverable reentry vehi-*  
 19 *cles and warheads (such as hypersonic weapons), and*  
 20 *cruise missiles and small-unmanned aircraft systems*  
 21 *(UAS) that challenge United States strategic, oper-*  
 22 *ational, and tactical freedom of movement and ma-*  
 23 *neuver.*

24 (b) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
 25 *that the United States should—*

1           (1) *continue to develop and deploy a robust mis-*  
2           *sile defense in the Indo-Pacific region;*

3           (2) *increase the capacity of interceptors, sensors,*  
4           *and operational concepts in the region;*

5           (3) *continue bilateral and multilateral oper-*  
6           *ationally realistic missile defense exercises in the re-*  
7           *gion;*

8           (4) *increase coordination with United States re-*  
9           *gional allies and partners, including Japan, South*  
10          *Korea, Australia, India, and other countries, as ap-*  
11          *propriate;*

12          (5) *begin planning for military exercises in 2020*  
13          *with United States regional allies and partners that*  
14          *is specifically focused on interoperability;*

15          (6) *integrate radar information from United*  
16          *States and allied Patriot, Terminal High Altitude*  
17          *Area Defense, Aegis, and other systems for region-*  
18          *wide command and control capabilities;*

19          (7) *increase the capacity of United States allies*  
20          *and partners through foreign military sales;*

21          (8) *seek increased areas of co-production for com-*  
22          *ponents of missile defense systems; and*

23          (9) *develop new capabilities to address threats to*  
24          *the region.*

1       (c) *MISSILE DEFENSE EXERCISES IN THE INDO-PA-*  
 2 *CIFIC REGION.*—*The Secretary of Defense may conduct mis-*  
 3 *sile defense exercises in the Indo-Pacific region with United*  
 4 *States regional allies and partners to improve interoper-*  
 5 *ability.*

6       (d) *BRIEFING.*—*Not later than 120 days after the date*  
 7 *of the enactment of this Act, the Secretary of Defense shall*  
 8 *provide to the appropriate congressional committees a brief-*  
 9 *ing on plans for missile defense exercises as described in*  
 10 *subsection (c).*

11       (e) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
 12 *FINED.*—*In this section, the term “appropriate congres-*  
 13 *sional committees” means—*

- 14               (1) *the congressional defense committees; and*  
 15               (2) *the Committee on Foreign Relations of the*  
 16 *Senate and the Committee on Foreign Affairs of the*  
 17 *House of Representatives.*

18 **SEC. 1256. QUADRILATERAL COOPERATION AND EXERCISE.**

19       (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
 20 *that the United States, Japan, India, and Australia*  
 21 *should—*

- 22               (1) *promote security and stability in the Indo-*  
 23 *Pacific region;*



1           (2) *increase quadrilateral meetings to discuss*  
2           *and strengthen interoperability of their respective*  
3           *military and naval forces;*

4           (3) *plan joint quadrilateral military patrols and*  
5           *exercises;*

6           (4) *promote the values of a free and open Indo-*  
7           *Pacific region and address themes such as respect for*  
8           *international law, maritime security, nonprolifera-*  
9           *tion, and terrorism in the region;*

10          (5) *explore joint regional infrastructure initia-*  
11          *tives in the region;*

12          (6) *engage in maritime capacity building among*  
13          *smaller Indo-Pacific countries;*

14          (7) *develop new capabilities to deter and defend*  
15          *against threats to the region; and*

16          (8) *support regional institutions and bodies, in-*  
17          *cluding the Association of Southeast Asian Nations*  
18          *Regional Forum, to increase regional cooperation*  
19          *with respect to maritime security and domain aware-*  
20          *ness and to promote internationally accepted rules*  
21          *and norms.*

22          (b) *EXERCISE.—The Secretary of Defense may conduct*  
23          *a quadrilateral naval military exercise.*

24          (c) *BRIEFING.—Not later than 120 days after the date*  
25          *of the enactment of this Act, the Secretary of Defense shall*

1 *provide to the appropriate congressional committees a brief-*  
 2 *ing on the matters contained in this section.*

3 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
 4 *FINED.—In this section, the term “appropriate congres-*  
 5 *sional committees” means—*

6 (1) *the congressional defense committees; and*

7 (2) *the Committee on Foreign Relations of the*  
 8 *Senate and the Committee on Foreign Affairs of the*  
 9 *House of Representatives.*

10 **SEC. 1257. NAME OF UNITED STATES INDO-PACIFIC COM-**  
 11 **MAND.**

12 (a) *IN GENERAL.—The combatant command known as*  
 13 *the United States Pacific Command shall, beginning on*  
 14 *January 1, 2020, be known as the “United States Indo-*  
 15 *Pacific Command”. Any reference to such combatant com-*  
 16 *mand in any law, regulation, map, document, record, or*  
 17 *other paper of the United States shall be considered to be*  
 18 *a reference to the United States Indo-Pacific Command.*

19 (b) *CONFORMING AMENDMENTS.—*

20 (1) *ANNUAL REPORT ON NON-FEDERALIZED*  
 21 *SERVICE NATIONAL GUARD PERSONNEL, TRAINING,*  
 22 *AND EQUIPMENT REQUIREMENTS.—Section 10504 of*  
 23 *title 10, United States Code, as amended by section*  
 24 *1071(a)(31), is further amended in subsection (c), as*  
 25 *redesignated by such section, in paragraph (3)(H) by*

1        *striking “United States Pacific Command” and in-*  
2        *serting “United States Indo-Pacific Command”.*

3            (2) *CONTRACTING WITH THE ENEMY.*—Section  
4        *843(4) of the Carl Levin and Howard P. “Buck”*  
5        *McKeon National Defense Authorization Act for Fis-*  
6        *cal Year 2015 (Public Law 113–291; 10 U.S.C. 2302*  
7        *note) is amended by striking “United States Pacific*  
8        *Command” and inserting “United States Indo-Pa-*  
9        *cific Command”.*

10    **SEC. 1258. REQUIREMENT FOR CRITICAL LANGUAGES AND**  
11                    **EXPERTISE IN CHINESE, KOREAN, AND RUS-**  
12                    **SIAN.**

13        *Not later than 180 days after the date of the enactment*  
14    *of this Act, the Secretary of Defense shall—*

15            (1) *evaluate the operational requirements for*  
16        *members of the Armed Forces possessing foreign lan-*  
17        *guage expertise in critical East Asian languages, in-*  
18        *cluding Chinese, Korean, and Russian; and*

19            (2) *submit to the congressional defense commit-*  
20        *tees a plan to address any shortfalls in these critical*  
21        *areas.*

1 **SEC. 1259. MODIFICATION OF REPORT REQUIRED UNDER**  
 2 **ENHANCING DEFENSE AND SECURITY CO-**  
 3 **OPERATION WITH INDIA.**

4 *Subsection (a)(2) of section 1292 of the National De-*  
 5 *fense Authorization Act for Fiscal Year 2017 (Public Law*  
 6 *114–328; 130 Stat. 2559; 22 U.S.C. 2751 note) is amend-*  
 7 *ed—*

8 *(1) by striking “Not later than” and inserting*  
 9 *the following:*

10 *“(1) IN GENERAL.—Not later than”;*

11 *(2) by striking “The report shall also include a*  
 12 *forward-looking strategy” and inserting the following:*

13 *“(2) CONTENTS.—The report shall also include—*

14 *“(A) a forward-looking strategy”;*

15 *(3) by striking the period at the end and insert-*  
 16 *ing a semicolon; and*

17 *(4) by adding at the end the following:*

18 *“(B) a description of any limitations that*  
 19 *hinder or slows progress in implementing the ac-*  
 20 *tions described in subparagraphs (A) through*  
 21 *(L) of paragraph (1);*

22 *“(C) a description of actions India is tak-*  
 23 *ing, or the actions the Secretary of Defense or the*  
 24 *Secretary of State believe India should take, to*  
 25 *advance the relationship between the United*

1           *States and in regards to subparagraphs (A)*  
2           *through (L) of paragraph (1); and*

3           “(D) a description of—

4                   “(i) measures that can be taken by the  
5           *United States and India to improve inter-*  
6           *operability; and*

7                   “(ii) progress in enabling agreements  
8           *between the United States and India.”.*

9   **SEC. 1260. STATEMENT OF POLICY ON NAVAL VESSEL**  
10           **TRANSFERS TO JAPAN.**

11       *It shall be the policy of the United States to support*  
12       *maritime defense cooperation with Japan, including*  
13       *through the transfer of excess United States naval vessels*  
14       *to the Japanese Maritime Self-Defense Force. Such transfers*  
15       *should include capabilities such as those represented by the*  
16       *Tarawa class amphibious assault ship, the Austin class am-*  
17       *phibious transport dock, and the Charleston class amphib-*  
18       *ious cargo ship.*

19   **SEC. 1261. REPORT AND PUBLIC NOTIFICATION ON CHINA’S**  
20           **MILITARY, MARITIME, AND AIR ACTIVITIES IN**  
21           **THE INDO-PACIFIC REGION.**

22       (a) *SENSE OF CONGRESS.—It is the sense of Congress*  
23       *that greater transparency of China’s provocative military,*  
24       *maritime, and air activities in the Indo-Pacific region*  
25       *would—*

1           (1) *aid in raising awareness of these activities in*  
2           *regional and international forums;*

3           (2) *enable regional security partners to more ef-*  
4           *fectively protect their sovereignty and defend their*  
5           *rights under international law; and*

6           (3) *maintain stability within the region to en-*  
7           *able constructive relations with China.*

8           (b) *REPORT.—*

9           (1) *IN GENERAL.—The Secretary of Defense, in*  
10          *consultation with the Director of National Intelligence*  
11          *and the Secretary of State, shall submit to the appro-*  
12          *priate congressional committees on a quarterly basis*  
13          *a report describing China’s provocative military,*  
14          *maritime, and air activities in the Indo-Pacific re-*  
15          *gion.*

16          (2) *ELEMENTS.—The report shall, at minimum,*  
17          *address China’s provocative military, maritime, and*  
18          *air activities, military deployments, and operations*  
19          *and infrastructure construction in the East China*  
20          *Sea, South China Sea, Taiwan Strait, and Indian*  
21          *Ocean.*

22          (3) *DISSEMINATION TO REGIONAL ALLIES.—The*  
23          *report shall be disseminated to regional allies and*  
24          *partners, as appropriate, in the Indo-Pacific region.*

1           (4) *IMAGERY AND SUPPORTING ANALYSIS.*—*The*  
2           *report may include imagery from military aircraft*  
3           *and other sources with supporting analysis to describe*  
4           *China’s provocative maritime and air activities.*

5           (5) *FORM.*—*The report shall be available to the*  
6           *public and shall be submitted or carried out in un-*  
7           *classified form.*

8           (c) *PUBLIC NOTIFICATION.*—

9           (1) *IN GENERAL.*—*The Secretary of Defense, in*  
10          *consultation with the Director of National Intelligence*  
11          *and the Secretary of State, shall provide notice to the*  
12          *public of any activities described in paragraph (2)*  
13          *immediately after the initiation of any such activi-*  
14          *ties.*

15          (2) *ACTIVITIES DESCRIBED.*—*The activities de-*  
16          *scribed in this paragraph are any significant desta-*  
17          *bilizing or deceptive activities of China, including*  
18          *reclamation or militarization activity in the Indo-*  
19          *Pacific region, use of military, government, or com-*  
20          *mercial aircraft or maritime vessels to intimidate re-*  
21          *gional neighbors.*

22          (3) *WRITTEN SUMMARY.*—*As soon as practicable*  
23          *after the notification to the public under paragraph*  
24          *(1) of any activities described in paragraph (2), the*  
25          *Secretary of Defense shall distribute to the appro-*

1        *appropriate congressional committees and United States al-*  
 2        *lies and security partners in the Indo-Pacific region*  
 3        *a written summary to include imagery and sup-*  
 4        *porting analysis describing such activities.*

5        *(d) REQUIREMENTS RELATING TO NATIONAL SECU-*  
 6        *RITY AND PROTECTION OF CLASSIFIED NATIONAL SECU-*  
 7        *RITY INFORMATION.—The dissemination and availability of*  
 8        *the report under subsection (b) and the notification to the*  
 9        *public under subsection (c) shall be made in a manner con-*  
 10       *sistent with national security and the protection of classi-*  
 11       *fied national security information.*

12       *(e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
 13       *FINED.—In this section, the term “appropriate congres-*  
 14       *sional committees” means—*

15                *(1) the congressional defense committees; and*  
 16                *(2) the Committee on Foreign Relations and the*  
 17        *Select Committee on Intelligence of the Senate and the*  
 18        *Committee on Foreign Affairs and the Permanent Se-*  
 19        *lect Committee on Intelligence of the House of Rep-*  
 20        *resentatives.*

21       **SEC. 1262. SENIOR DEFENSE ENGAGEMENT WITH TAIWAN.**

22       *(a) FINDING.—The Taiwan Travel Act (Public Law*  
 23       *115–135; 132 Stat. 341) states that it should be the policy*  
 24       *of the United States to allow officials at all levels of the*  
 25       *United States government, including Cabinet-level national*



1 security officials, general officers, and other executive  
 2 branch officials, to travel to Taiwan to meet their Taiwan  
 3 counterparts.

4 (b) *SENSE OF CONGRESS.*—Pursuant to the policy de-  
 5 scribed in the Taiwan Travel Act, the Secretary of Defense  
 6 should send a Secretary of a military department or a  
 7 member of the Joint Chiefs of Staff to Taiwan for the pur-  
 8 pose of senior-level defense engagement.

9 (c) *BRIEFING.*—Not later than 60 days after the date  
 10 of the enactment of this Act, the Secretary of Defense, in  
 11 consultation with the Secretary of State, shall brief the con-  
 12 gressional defense committees, the Committee on Foreign  
 13 Relations of the Senate, and the Committee on Foreign Af-  
 14 fairs of the House of Representatives on any plans of the  
 15 Department to carry out senior-level defense engagement.

16 **SEC. 1263. LIMITATION ON USE OF FUNDS TO REDUCE THE**  
 17 **TOTAL NUMBER OF MEMBERS OF THE ARMED**  
 18 **FORCES SERVING ON ACTIVE DUTY WHO ARE**  
 19 **DEPLOYED TO THE REPUBLIC OF KOREA.**

20 None of the funds authorized to be appropriated by this  
 21 Act may be used to reduce the total number of members  
 22 of the Armed Forces serving on active duty who are de-  
 23 ployed to the Republic of Korea below 22,000 unless the Sec-  
 24 retary of Defense first certifies to the congressional defense  
 25 committees that such a reduction is in the national security

1 *interest of the United States and will not significantly un-*  
 2 *dermine the security of United States allies in the region.*

3 **SEC. 1264. ENHANCING MISSILE DEFENSE COOPERATION**  
 4 **WITH PARTNERS.**

5 *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
 6 *that the Secretary of Defense should seek opportunities to*  
 7 *increase defense coordination and cooperation with United*  
 8 *States partners with respect to missile defense.*

9 *(b) MODIFICATION OF DEFENSE COOPERATION AU-*  
 10 *THORITY WITH INDIA.—Section 1292(a)(1) of the National*  
 11 *Defense Authorization Act for Fiscal Year 2017 (Public*  
 12 *Law 114–328; 130 Stat. 2559; 22 U.S.C. 2751 note), as*  
 13 *amended by section 1258(a) of the National Defense Author-*  
 14 *ization Act for Fiscal Year 2018 (Public Law 115–91; 131*  
 15 *Stat. 1683), is further amended—*

16 *(1) in subparagraph (K), by striking “and” at*  
 17 *the end;*

18 *(2) in subparagraph (L), by striking the period*  
 19 *at the end and inserting “; and”; and*

20 *(3) by adding at the end the following new sub-*  
 21 *paragraph:*

22 *“(M) develop closer defense cooperation with*  
 23 *India on matters relating to missile defense.”.*

***Subtitle F—Other Matters***

***SEC. 1271. REPORT ON STATUS OF THE UNITED STATES RELATIONSHIP WITH THE REPUBLIC OF TURKEY.***

*(a) FINDINGS.—Congress finds the following:*

*(1) The United States–Republic of Turkey relationship, over the past year, has become increasingly strained due to several provocative actions taken by the Government of Turkey.*

*(2) The potential purchase by the Government of Turkey of the S-400 air and missile defense system from the Russian Federation has led to tension with the relationship.*

*(3) These actions could negatively impact common weapon system development between the United States and Turkey.*

*(4) These actions could exacerbate current North Atlantic Treaty Organization (NATO) interoperability challenges with respect to common military architecture and information sharing.*

*(5) These actions could impact current bilateral agreements between the United States and Turkey.*

*(b) REPORT REQUIRED.—*

*(1) IN GENERAL.—Not later than 60 days after the date of the enactment of this Act, the Secretary of*

1       *Defense, in consultation with the Secretary of State,*  
2       *shall submit to the appropriate congressional commit-*  
3       *tees a report on the status of the United States rela-*  
4       *tionship with the Republic of Turkey.*

5               (2) *MATTERS TO BE INCLUDED.—The report re-*  
6       *quired under this subsection shall include the fol-*  
7       *lowing:*

8                       (A) *An assessment of United States mili-*  
9       *tary and diplomatic presence in Turkey, includ-*  
10      *ing all military activities conducted from*  
11      *Incirlik Air Base or elsewhere.*

12                      (B) *An assessment of the potential purchase*  
13      *by the Government of Turkey of the S-400 air*  
14      *and missile defense system from the Russian*  
15      *Federation and the potential effects of such pur-*  
16      *chase on the United States-Turkey bilateral rela-*  
17      *tionship, including an assessment of impacts on*  
18      *other United States weapon systems and plat-*  
19      *forms operated jointly with Turkey to include—*

20                               (i) *the F-35 Lightning II Joint Strike*  
21                               *aircraft, to include co-production;*

22                               (ii) *the Patriot surface-to-air missile*  
23                               *system;*

24                               (iii) *the CH-47 Chinook heavy lift heli-*  
25                               *copter;*

1                   (iv) the AH-1 Attack helicopter;

2                   (v) the H-60 Black Hawk utility heli-  
3                   copter; and

4                   (vi) the F-16 Fighting Falcon aircraft.

5                   (C) An identification of potential alter-  
6                   native air and missile defense systems that could  
7                   be purchased by the Government of Turkey, in-  
8                   cluding United States and other NATO member  
9                   state military air defense artillery systems.

10                  (3) FORM.—The report required under this sub-  
11                  section shall be submitted in unclassified form, but  
12                  may include a classified annex.

13                  (c) LIMITATION.—The Secretary of Defense may not  
14                  take any action to execute delivery of a foreign military  
15                  sale for major defense equipment subject to congressional  
16                  notification under section 36 of the Arms Export Control  
17                  Act (22 U.S.C. 2778) (made under a letter of offer issued  
18                  under the authority of the Arms Export Control Act before  
19                  the date of the enactment of this Act) to the Republic of  
20                  Turkey until the Secretary submits to the appropriate con-  
21                  gressional committees the report required under subsection  
22                  (b).

23                  (d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
24                  FINED.—In this section, the term “appropriate congres-  
25                  sional committees” means—

- 1           (1) *the congressional defense committees; and*  
2           (2) *the Committee on Foreign Relations of the*  
3       *Senate and Committee on Foreign Affairs of the*  
4       *House of Representatives.*

5   **SEC. 1272. SENSE OF CONGRESS ON UNITY OF GULF CO-**  
6               **OPERATION COUNCIL MEMBER COUNTRIES.**

7       *It is the sense of Congress that—*

8           (1) *the member countries of the Gulf Cooperation*  
9       *Council (GCC) are important security cooperation*  
10      *partners of the United States;*

11          (2) *the unity of GCC member countries is crit-*  
12      *ical to facing growing threats from Iran; and*

13          (3) *timely normalization of diplomatic, security,*  
14      *and economic relationships among GCC member*  
15      *countries is in the best interest of the United States.*

16   **SEC. 1273. REPORT ON UNITED STATES GOVERNMENT PO-**  
17               **LICE TRAINING AND EQUIPPING PROGRAMS**  
18               **FOR MEXICO.**

19      (a) *REPORT REQUIRED.*—*Not later than July 1, 2019,*  
20      *the President shall submit to the appropriate congressional*  
21      *committees a report on United States Government police*  
22      *training and equipping programs for Mexico.*

23      (b) *ELEMENTS.*—*The report required under subsection*  
24      (a) *shall include the following:*

1           (1) *A list of all United States Government de-*  
2           *partments and agencies involved in implementing the*  
3           *programs.*

4           (2) *A description of the scope, size, and compo-*  
5           *nents of the programs for fiscal years 2017 and 2018,*  
6           *to include for each such program—*

7                   (A) *the types of units receiving such assist-*  
8                   *ance, including national police, gendarmerie,*  
9                   *counternarcotics police, counterterrorism police,*  
10                  *Formed Police Units, border security, and cus-*  
11                  *toms;*

12                  (B) *the purpose and objectives of the pro-*  
13                  *gram;*

14                  (C) *the funding and personnel levels for the*  
15                  *program in each such fiscal year;*

16                  (D) *the authority under which the program*  
17                  *is conducted;*

18                  (E) *the name of the United States Govern-*  
19                  *ment department or agency with lead responsi-*  
20                  *bility for the program and the mechanisms for*  
21                  *oversight of the program;*

22                  (F) *the extent to which the program is im-*  
23                  *plemented by contractors or United States Gov-*  
24                  *ernment personnel; and*

1           (G) *the metrics for measuring the results of*  
2           *the program and an assessment of the impact*  
3           *achieved from the program.*

4           (3) *An assessment of the requirements for the*  
5           *programs, and what changes, if any, are required to*  
6           *improve the capacity of the United States Govern-*  
7           *ment to meet such requirements.*

8           (4) *An evaluation of the appropriate role of*  
9           *United States Government departments and agencies*  
10          *in carrying out and coordinating the programs.*

11          (5) *An evaluation of the appropriate role of con-*  
12          *tractors in carrying out the programs, and what*  
13          *modifications, if any, are needed to improve oversight*  
14          *of such contractors.*

15          (6) *Recommendations for legislative modifica-*  
16          *tions, if any, to existing authorities relating to the*  
17          *programs.*

18          (c) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
19          *this section, the term “appropriate congressional commit-*  
20          *tees” means—*

21               (1) *the congressional defense committees; and*

22               (2) *the Committee on Foreign Relations, the*  
23               *Committee on Homeland Security and Governmental*  
24               *Affairs, and the Committee on the Judiciary of the*  
25               *Senate and the Committee on Foreign Affairs, the*



1        *Committee on Homeland Security, and the Committee*  
2        *on the Judiciary of the House of Representatives.*

3    **SEC. 1274. AUTHORITY TO INCREASE ENGAGEMENT AND**  
4                    **MILITARY-TO-MILITARY COOPERATION WITH**  
5                    **WESTERN BALKANS COUNTRIES.**

6        (a) *IN GENERAL.*—*The Secretary of Defense is author-*  
7        *ized to increase engagement and military-to-military co-*  
8        *operation with Western Balkans countries under the au-*  
9        *thorities of chapter 16 of title 10, United States Code.*

10       (b) *DEFINITION.*—*In this section, the term “Western*  
11       *Balkans countries” means—*

- 12                (1) *Serbia;*  
13                (2) *Bosnia and Herzegovina;*  
14                (3) *Kosovo; and*  
15                (4) *Macedonia.*

16    **SEC. 1275. TECHNICAL CORRECTIONS RELATING TO DE-**  
17                    **FENSE SECURITY COOPERATION STATUTORY**  
18                    **REORGANIZATION.**

19       (a) *CHAPTER REFERENCES.*—*The following provisions*  
20       *of law are amended by striking “chapter 15” and inserting*  
21       *“chapter 13”:*

- 22                (1) *Section 886(a)(5) of the Homeland Security*  
23        *Act of 2002 (6 U.S.C. 466(a)(5)).*  
24                (2) *Section 332(a)(1) of the Consolidated Farm*  
25        *and Rural Development Act (7 U.S.C. 1982(a)(1)).*

1           (3) *Section 101(a)(13)(B) of title 10, United*  
 2       *States Code.*

3           (4) *Section 115(i)(6) of title 10, United States*  
 4       *Code.*

5           (5) *Section 12304(c)(1) of title 10, United States*  
 6       *Code.*

7           (6) *Section 484C(c)(3)(C)(v)) of the Higher Edu-*  
 8       *cation Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(v)).*

9       (b) *SECTION REFERENCES.—(1) Title 10, United*  
 10   *States Code, is amended—*

11           (A) *in section 386(c)(1), by striking “Sections*  
 12       *311, 321, 331, 332, 333,” and inserting “Sections*  
 13       *246, 251, 252, 253, 321,”; and*

14           (B) *in section 10541(b)(9) in the matter pre-*  
 15       *ceding subparagraph (A), by striking “sections 331,*  
 16       *332, 333,” and inserting “sections 251, 252, 253,”.*

17       (2) *Section 484C(c)(3)(C)(i)) of the Higher Education*  
 18   *Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(i)) is amended by*  
 19   *striking “section 331, 332,” and inserting “section 251,*  
 20   *252,”.*

21       (c) *OTHER TECHNICAL CORRECTIONS.—(1) Chapter*  
 22   *16 of title 10, United States Code, is amended—*

23           (A) *in section 311(a)(3), by striking “Secretary*  
 24       *to State” and inserting “Secretary of State”;*

1           (B) in section 321(e), by striking “calender”  
 2           each place it appears and inserting “calendar”;

3           (C) in the table of sections at the beginning of  
 4           subchapter V of such chapter, by striking the item re-  
 5           lating to section 342 and inserting the following:

*“342. Regional Centers for Security Studies.”;*

6           (D) in section 347—

7                 (i) in the heading of subsection (a)(7), by  
 8                 striking “ETC.” and inserting “ETC”; and

9                 (ii) in the heading of subsection (b)(3)(B),  
 10                 by striking “ETC.” and inserting “ETC”; and

11           (E) in section 385(d)(1)(B), by striking “in-  
 12           clude” and inserting “including”.

13           (2) Section 1204(b) of the Carl Levin and Howard P.  
 14           “Buck” McKeon National Defense Authorization Act for  
 15           Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 362  
 16           note) is amended—

17                 (A) in paragraph (1), by striking “section  
 18                 2249e” each place it appears and inserting “section  
 19                 362”; and

20                 (B) in paragraph (3), by striking “section  
 21                 2249e” and inserting “section 301(1)”.

22   **SEC. 1276. UNITED STATES-ISRAEL COUNTERING UN-**  
 23           **MANNED AERIAL SYSTEMS COOPERATION.**

24           Section 1279(a) of the National Defense Authorization  
 25           Act for Fiscal Year 2016 (Public Law 114–92; 22 U.S.C.

1 8606 note), as most recently amended by section 1278 of  
 2 the National Defense Authorization Act for Fiscal Year  
 3 2018 (Public Law 115–91; 131 Stat. 1700), is further  
 4 amended—

5 (1) by inserting “and capabilities for countering  
 6 unmanned aerial systems” after “anti-tunnel capa-  
 7 bilities”; and

8 (2) by inserting “and unmanned aerial systems”  
 9 after “underground tunnels”.

10 **SEC. 1277. THREE-YEAR EXTENSION OF AUTHORIZATION OF**  
 11 **NON-CONVENTIONAL ASSISTED RECOVERY**  
 12 **CAPABILITIES.**

13 Section 943(g) of the National Defense Authorization  
 14 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.  
 15 4579), as most recently amended by section 1051(n) of the  
 16 National Defense Authorization Act for Fiscal Year 2018  
 17 (Public Law 115–91; 131 Stat. 1564), is further amended  
 18 by striking “2021” and inserting “2024”.

19 **SEC. 1278. REVISION OF STATUTORY REFERENCES TO**  
 20 **FORMER NATO SUPPORT ORGANIZATIONS**  
 21 **AND RELATED NATO AGREEMENTS.**

22 Section 2350d of title 10, United States Code, is  
 23 amended—

1           (1) *by striking “NATO Support Organization”*  
 2           *each place it appears and inserting “NATO Support*  
 3           *and Procurement Organization”;*

4           (2) *by striking “Support Partnership Agree-*  
 5           *ment” each place it appears and inserting “Support*  
 6           *or Procurement Partnership Agreement”;*

7           (3) *in subsection (a)(1), by striking “Support*  
 8           *Partnership Agreements” and inserting “Support or*  
 9           *Procurement Partnership Agreements”;* and

10          (4) *in subsection (b)(1), by striking “in Europe”.*

11 **SEC. 1279. SENSE OF THE CONGRESS CONCERNING MILI-**  
 12 **TARY-TO-MILITARY DIALOGUES.**

13       *It is the sense of Congress that—*

14           (1) *military-to-military dialogues, including in*  
 15           *the case of allies, partners, and adversaries and po-*  
 16           *tential adversaries, can be a useful and important*  
 17           *tool for advancing United States national security ob-*  
 18           *jectives in a complex, interactive, and dynamic secu-*  
 19           *rity environment;*

20           (2) *frameworks for military-to-military dia-*  
 21           *logues should be flexible and adaptable to such a secu-*  
 22           *rity environment and should be informed by national*  
 23           *security guidance, such as the 2017 National Security*  
 24           *Strategy and the 2018 National Defense Strategy;*  
 25           *and*

8        *Section 1287 of the National Defense Authorization*  
9 *Act for Fiscal Year 2017 (22 U.S.C. 2656 note) is amend-*  
10 *ed—*

“(2) *PURPOSE.*—The purpose of the Center shall be to direct, lead, synchronize, integrate, and coordinate efforts of the Federal Government to recognize, understand, expose, and counter foreign state and non-state propaganda and disinformation efforts aimed at undermining or influencing the policies, security, or stability of the United States and United States allies and partner nations.”;

22 (A) by amending paragraph (1) to read as  
23 follows:

24 “(1) *Direct, lead, synchronize, integrate, and co-*  
25 *ordinate interagency and international efforts to*

1       *track and evaluate counterfactual narratives abroad*  
2       *that threaten the policies, security, or stability of the*  
3       *United States and United States allies and partner*  
4       *nations.”;*

5               *(B) by amending paragraph (4) to read as*  
6       *follows:*

7               *“(4) Identify current and emerging trends in*  
8       *foreign propaganda and disinformation in order to*  
9       *coordinate and shape the development of tactics, tech-*  
10       *niques, and procedures to expose and refute foreign*  
11       *propaganda and disinformation, and pro-actively*  
12       *support the promotion of credible, fact-based nar-*  
13       *ratives and policies to audiences outside the United*  
14       *States.”;*

15               *(C) by redesignating paragraphs (6)*  
16       *through (10) as paragraphs (7) through (11), re-*  
17       *spectively;*

18               *(D) by inserting after paragraph (5) the fol-*  
19       *lowing new paragraph:*

20               *“(6) Measure and evaluate the activities of the*  
21       *Center, including the outcomes of such activities, and*  
22       *implement mechanisms to ensure that the activities of*  
23       *the Center are updated to reflect the results of such*  
24       *measurement and evaluation.”; and*

1           (E) by amending paragraph (8), as so re-  
2           designated, to read as follows:

3           “(8) Use information from appropriate inter-  
4           agency entities to identify the countries, geographic  
5           areas, and populations most susceptible to propa-  
6           ganda and disinformation, as well as the countries,  
7           geographic areas, and populations in which such  
8           propaganda and disinformation is likely to cause the  
9           most harm.”;

10          (3) in subsection (d), by amending paragraphs  
11          (1) and (2) to read as follows:

12          “(1) *DETAILEES AND ASSIGNEES.*—Any Federal  
13          Government employee may be detailed or assigned to  
14          the Center with or without reimbursement, consistent  
15          with applicable laws and regulations regarding such  
16          employee, and such detail or assignment shall be  
17          without interruption or loss of status or privilege.

18          “(2) *OTHER PERSONNEL.*—The Secretary of  
19          State should, when hiring additional United States  
20          citizen personnel, preference use of Foreign Service  
21          limited appointments in accordance with section 309  
22          of the Foreign Service Act of 1980 (22 U.S.C. 3949).  
23          The Secretary may hire United States citizens or  
24          aliens, as appropriate, including as personal services



1        *contractors, for purposes of personnel resources of the*  
2        *Center, if—*

3                *“(A) the Secretary determines that existing*  
4                *personnel resources or expertise are insufficient;*

5                *“(B) the period in which services are pro-*  
6                *vided by a personal services contractor, includ-*  
7                *ing options, does not exceed 3 years, unless the*  
8                *Secretary determines that exceptional cir-*  
9                *cumstances justify an extension of up to one ad-*  
10               *ditional year;*

11               *“(C) not more than 50 United States citi-*  
12               *zens or aliens are employed as personal services*  
13               *contractors under the authority of this para-*  
14               *graph at any time; and*

15               *“(D) the authority of this paragraph is only*  
16               *used to obtain specialized skills or experience or*  
17               *to respond to urgent needs.”;*

18               *(4) in subsection (e), by amending paragraphs*  
19               *(1) and (2) to read as follows:*

20               *“(1) IN GENERAL.—For each of fiscal years 2019*  
21               *and 2020, the Secretary of Defense is authorized to*  
22               *transfer, from amounts appropriated to the Secretary*  
23               *pursuant to the authorization under this Act, to the*  
24               *Secretary of State not more than \$60,000,000, to*  
25               *carry out the functions of the Center.*

1           “(2) *NOTICE REQUIREMENT.*—*The Secretary of*  
2       *Defense shall notify the Committee on Armed Serv-*  
3       *ices, the Committee on Appropriations, and the Com-*  
4       *mittee on Foreign Relations of the Senate and the*  
5       *Committee on Armed Services, the Committee on Ap-*  
6       *propriations, the Committee on Foreign Affairs, and*  
7       *the Committee on Oversight and Government Reform*  
8       *of the House of Representatives of a proposed transfer*  
9       *under paragraph (1) not less than 15 days prior to*  
10      *making such transfer.”;*

11           (5) *in subsection (f), by amending paragraphs*  
12      *(1) and (2) to read as follows:*

13           “(1) *AUTHORITY FOR GRANTS.*—*The Center is*  
14      *authorized to provide grants or contracts of financial*  
15      *support to civil society groups, media content pro-*  
16      *viders, nongovernmental organizations, federally*  
17      *funded research and development centers, private*  
18      *companies, or academic institutions for the following*  
19      *purposes:*

20           “(A) *To support local entities and linkages*  
21      *among such entities, including independent*  
22      *media entities, that are best positioned to refute*  
23      *foreign propaganda and disinformation in af-*  
24      *ected communities.*

1           “(B) To collect and store examples of print,  
2           online, and social media disinformation and  
3           propaganda directed at the United States or  
4           United States allies and partner nations.

5           “(C) To analyze and report on tactics, tech-  
6           niques, and procedures of foreign information  
7           warfare and other efforts with respect to  
8           disinformation and propaganda.

9           “(D) To support efforts by the Center to  
10          counter efforts by foreign entities to use  
11          disinformation and propaganda to undermine or  
12          influence the policies, security, and social and  
13          political stability of the United States and  
14          United States allies and partner nations.

15          “(2) *FUNDING AVAILABILITY AND LIMITA-*  
16          *TIONS.—The Secretary of State shall provide that*  
17          *each entity that receives funds under this subsection*  
18          *is selected in accordance with the relevant existing*  
19          *regulations through a process that ensures such entity*  
20          *has the credibility and capability to carry out effec-*  
21          *tively and in accordance with United States interests*  
22          *and objectives the purposes specified in paragraph (1)*  
23          *for which such entity received such funding.”;*

24                 (6) by redesignating subsections (h) and (i) as  
25          subsections (i) and (j), respectively; and

1           (7) by inserting after subsection (g) the following  
2       new subsection:

3       “(h) *CONGRESSIONAL BRIEFINGS.*—The Secretary of  
4       State, together with the heads of other relevant Federal de-  
5       partments and agencies, shall provide a briefing to the  
6       Committee on Armed Services, the Committee on Appro-  
7       priations, and the Committee on Foreign Relations of the  
8       Senate and the Committee on Armed Services, the Com-  
9       mittee on Appropriations, the Committee on Foreign Af-  
10      fairs, and the Committee on Oversight and Government Re-  
11      form of the House of Representatives not less often than an-  
12      nually regarding the activities of the Global Engagement  
13      Center. The briefings required under this subsection shall  
14      terminate on the date specified in subsection (j).”.

15   **SEC. 1281. REPORT ON ACQUISITION AND CROSS-SERV-**  
16                           **ICING AGREEMENTS.**

17       (a) *IN GENERAL.*—Not later than 30 days after enter-  
18      ing into a cross-servicing agreement under section 2342 of  
19      title 10, United States Code, with a country or organization  
20      referred to in subsection (a)(1) of such section, and every  
21      180 days thereafter for such period of time as the agreement  
22      remains in effect, the Secretary of Defense shall submit to  
23      the Committee on Armed Services of the Senate and the  
24      Committee on Armed Services of the House of Representa-  
25      tives a report with respect to the agreement.

1       (b) *MATTERS TO BE INCLUDED.*—*The report required*  
2 *under subsection (a) shall include the following:*

3           (1) *The type of country or organization referred*  
4 *to in subsection (a)(1) of section 2342 of title 10,*  
5 *United States Code, with respect to which the Sec-*  
6 *retary of Defense entered into the agreement.*

7           (2) *The date on which the agreement was entered*  
8 *into under such section 2342.*

9           (3) *A description of the logistic support, sup-*  
10 *plies, and services to be provided to the military*  
11 *forces of the country or organization and any other*  
12 *transactions associated with the agreement.*

13           (4) *The estimated dollar value of support pro-*  
14 *vided by the United States under the agreement.*

15           (5) *A copy of the agreement, including all ap-*  
16 *pendices.*

17           (6) *An assessment as to whether or not the agree-*  
18 *ment is in United States national security interests.*

19           (7) *The end date of the agreement.*

20       (c) *FORM.*—*The report required under subsection (a)*  
21 *shall be submitted in unclassified form but may contain*  
22 *a classified annex.*

1 **SEC. 1282. PROHIBITION ON PROVISION OF WEAPONS AND**  
2 **OTHER FORMS OF SUPPORT TO CERTAIN OR-**  
3 **GANIZATIONS.**

4 *None of the funds authorized to be appropriated by this*  
5 *Act or otherwise made available to the Department of De-*  
6 *fense for fiscal year 2019 may be used to provide weapons*  
7 *or any other form of support to—*

8 *(1) Al Qaeda, the Islamic State of Iraq and*  
9 *Syria (ISIS), Jabhat Fateh al Sham, or any indi-*  
10 *vidual or group affiliated with any such organiza-*  
11 *tion; and*

12 *(2) any other entity that the Secretary of Defense*  
13 *determines may trade or sell arms to terrorist organi-*  
14 *zations.*

15 **SEC. 1283. CERTIFICATION AND AUTHORITY TO TERMINATE**  
16 **FUNDING FOR ACADEMIC RESEARCH RELAT-**  
17 **ING TO FOREIGN TALENT PROGRAMS.**

18 *(a) PLAN REQUIRED.—Not later than 180 days after*  
19 *the date of the enactment of this Act, and with respect to*  
20 *funds authorized to be appropriated or otherwise made*  
21 *available by this Act, the Secretary of Defense shall submit*  
22 *to the congressional defense committees a plan to implement*  
23 *the certification requirement described in subsection (b) to*  
24 *ensure that applicants seeking such funds for educational*  
25 *or academic training or research verify that such funds*  
26 *shall not be made available to any individual who has par-*

1 *ticipated in or is currently participating in a foreign talent*  
2 *or expert recruitment program of a country listed in sub-*  
3 *section (d).*

4       **(b) CERTIFICATION REQUIREMENT FOR FUNDING.—**  
5 *Beginning not later than 1 year after the date of the enact-*  
6 *ment of this Act and with respect to funds authorized to*  
7 *be appropriated or otherwise made available by this Act,*  
8 *the Secretary of Defense shall require each applicant seeking*  
9 *such funds for educational or academic training and re-*  
10 *search, including at institutions of higher education (as de-*  
11 *finied in section 101 of the Higher Education Act of 1965*  
12 *(20 U.S.C. 1001)), policy institutes, federal laboratories, or*  
13 *research institutes, to include with the application a certifi-*  
14 *cation that none of the funds received by such applicant*  
15 *shall be made available to any individual who has partici-*  
16 *pated in or is currently participating in a foreign talent*  
17 *or expert recruitment program of a country listed in sub-*  
18 *section (d).*

19       **(c) AUTHORITY TO TERMINATE FUNDING.—***Beginning*  
20 *1 year after the date of the enactment of this Act, the Sec-*  
21 *retary of Defense may terminate existing funding of, or pro-*  
22 *hibit the award of future funding to, a current recipient*  
23 *if such recipient is unable to provide the certification de-*  
24 *scribed in subsection (b) with respect to such existing fund-*  
25 *ing.*

1       (d) *COUNTRIES LISTED.*—*The countries listed in this*  
2 *subsection are the following:*

3           (1) *The People’s Republic of China.*

4           (2) *The Democratic People’s Republic of Korea.*

5           (3) *The Russian Federation.*

6           (4) *The Islamic Republic of Iran.*

7   **SEC. 1284. SENSE OF CONGRESS ON SUPPORT FOR GEOR-**  
8                           **GIA.**

9       (a) *FINDINGS.*—*Congress finds the following:*

10           (1) *Georgia is a valued friend of the United*  
11 *States and has repeatedly demonstrated its commit-*  
12 *ment to advancing the mutual interests of both coun-*  
13 *tries, including the deployment of Georgian forces as*  
14 *part of the International Security Assistance Force*  
15 *(ISAF) led by the North Atlantic Treaty Organiza-*  
16 *tion (NATO) in Afghanistan and the Multi-National*  
17 *Force in Iraq.*

18           (2) *The European Deterrence Initiative builds*  
19 *the partnership capacity of Georgia so it can work*  
20 *more closely with the United States and NATO, as*  
21 *well as provide for its own defense.*

22           (3) *In addition to the European Deterrence Ini-*  
23 *tiative, Georgia’s participation in the NATO initia-*  
24 *tive Partnership for Peace is paramount to interoper-*



1       *ability with the United States and NATO, and estab-*  
2       *lishing a more peaceful environment in the region.*

3               *(4) Despite the losses suffered, as a NATO part-*  
4       *ner of ISAF, Georgia is committed to the Resolute*  
5       *Support Mission in Afghanistan with the fourth-larg-*  
6       *est contingent on the ground.*

7       *(b) SENSE OF CONGRESS.—Congress—*

8               *(1) reaffirms United States support for Georgia's*  
9       *sovereignty and territorial integrity within its inter-*  
10       *nationally-recognized borders, and does not recognize*  
11       *the independence of the Abkhazia and South Ossetia*  
12       *regions currently occupied by the Russian Federation;*  
13       *and*

14               *(2) supports continued cooperation between the*  
15       *United States and Georgia and the efforts of the Gov-*  
16       *ernment of Georgia to provide for the defense of its*  
17       *people and sovereign territory.*

18       **SEC. 1285. SENSE OF CONGRESS ON SUPPORT FOR ESTO-**

19               **NIA, LATVIA, AND LITHUANIA.**

20       *(a) FINDINGS.—Congress finds the following:*

21               *(1) The Baltic countries of Estonia, Latvia, and*  
22       *Lithuania are highly valued allies of the United*  
23       *States, and they have repeatedly demonstrated their*  
24       *commitment to advancing our mutual interests as*  
25       *well as those of the NATO Alliance.*

1           (2) *Operation Atlantic Resolve is a series of exer-*  
2           *cises and coordinating efforts demonstrating the*  
3           *United States' commitment to its European partners*  
4           *and allies, including the Baltic countries of Estonia,*  
5           *Latvia, and Lithuania, with the shared goal of peace*  
6           *and stability in the region. Operation Atlantic Re-*  
7           *solve strengthens communication and understanding,*  
8           *and is an important effort to deter Russian aggres-*  
9           *sion in the region.*

10          (3) *Through Operation Atlantic Resolve, the Eu-*  
11          *ropean Deterrence Initiative undertakes exercises,*  
12          *training, and rotational presence necessary to reas-*  
13          *sure and integrate our allies, including the Baltic*  
14          *countries, into a common defense framework.*

15          (4) *All three Baltic countries contributed to the*  
16          *NATO-led International Security Assistance Force in*  
17          *Afghanistan, sending troops and operating with few*  
18          *caveats. The Baltic countries continue to commit re-*  
19          *sources and troops to the Resolute Support Mission in*  
20          *Afghanistan.*

21          (b) *SENSE OF CONGRESS.—Congress—*

22               (1) *reaffirms its support for the principle of col-*  
23               *lective defense in Article 5 of the North Atlantic Trea-*  
24               *ty for our NATO allies, including Estonia, Latvia,*  
25               *and Lithuania;*

1           (2) *supports the sovereignty, independence, terri-*  
 2           *torial integrity, and inviolability of Estonia, Latvia,*  
 3           *and Lithuania as well as their internationally recog-*  
 4           *nized borders, and expresses concerns over increas-*  
 5           *ingly aggressive military maneuvering by the Russian*  
 6           *Federation near their borders and airspace;*

7           (3) *expresses concern over and condemns subver-*  
 8           *sive and destabilizing activities by the Russian Fed-*  
 9           *eration within the Baltic countries; and*

10          (4) *encourages the Administration to further en-*  
 11          *hance defense cooperation efforts with Estonia, Lat-*  
 12          *via, and Lithuania and supports the efforts of their*  
 13          *Governments to provide for the defense of their people*  
 14          *and sovereign territory.*

15 **SEC. 1286. REPORT ON UNITED STATES STRATEGY IN**  
 16 **YEMEN.**

17          *Not later than February 1, 2019, the Secretary of De-*  
 18          *fense shall submit to the congressional defense committees*  
 19          *a report describing the strategy of the United States Armed*  
 20          *Forces with respect to Yemen that includes a description*  
 21          *of—*

22               (1) *the activities that the United States Armed*  
 23               *Forces are currently undertaking in Yemen;*

24               (2) *the costs associated with the involvement of*  
 25               *the United States Armed Forces in Yemen, including*

1 *costs relating to counterterrorism activities, refueling*  
2 *missions, or other military activities;*

3 *(3) the key United States military interests, ob-*  
4 *jectives, long-term goals, and end-states for Yemen;*

5 *(4) indicators for the effectiveness of United*  
6 *States military efforts to achieve such interests, objec-*  
7 *tives, goals, or end-states;*

8 *(5) how current United States military efforts in*  
9 *Yemen align with such objectives;*

10 *(6) the estimated annual resources required*  
11 *through fiscal year 2022 for the United States Armed*  
12 *Forces to achieve such objectives;*

13 *(7) the current legal authorities supporting*  
14 *United States military efforts in Yemen; and*

15 *(8) any other matters the Secretary determines*  
16 *to be relevant.*

17 **SEC. 1287. REPORT ON HIZBALLAH.**

18 *(a) IN GENERAL.—Not later than 90 days after enact-*  
19 *ment of this Act, the President shall provide to the appro-*  
20 *priate congressional committees a report on Hizballah.*  
21 *Such report shall include each of the following:*

22 *(1) An accounting of Hizballah's known rocket*  
23 *arsenal.*

24 *(2) An evaluation of the impact of the United*  
25 *Nations Interim Force in Lebanon mandate.*

1           (3) *An evaluation of the tactical and strategic*  
2           *capabilities of Hizballah, including such capabilities*  
3           *related to defense.*

4           (4) *A detailed description of the known supply*  
5           *routes used in the illegal procurement of weapons for*  
6           *Hizballah.*

7           (5) *An estimate of companies and other entities*  
8           *that support Hizballah's network.*

9           (6) *An assessment of the effects of the interference*  
10          *of Hizballah in conflicts throughout the Middle East*  
11          *region.*

12          (7) *An assessment of how Hizballah raises, holds,*  
13          *and spends funds in territories where United Nations*  
14          *Interim Force in Lebanon operates.*

15          (b) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
16          *this section, the term “appropriate congressional commit-*  
17          *tees” means—*

18               (1) *the Committees on Armed Services of the*  
19               *Senate and House of Representatives;*

20               (2) *the Committee on Foreign Affairs of the*  
21               *House of Representatives;*

22               (3) *the Committee on Foreign Relations of the*  
23               *Senate;*

24               (4) *the Permanent Select Committee on Intel-*  
25               *ligence of the House of Representatives; and*

1           (5) *the Select Committee on Intelligence of the*  
2     *Senate.*

3           ***TITLE XIII—COOPERATIVE***  
4           ***THREAT REDUCTION***

5     ***SEC. 1301. FUNDING ALLOCATIONS.***

6           *Of the \$335,240,000 authorized to be appropriated to*  
7     *the Department of Defense for fiscal year 2019 in section*  
8     *301 and made available by the funding table in division*  
9     *D for the Department of Defense Cooperative Threat Reduc-*  
10    *tion Program established under section 1321 of the Depart-*  
11    *ment of Defense Cooperative Threat Reduction Act (50*  
12    *U.S.C. 3711), the following amounts may be obligated for*  
13    *the purposes specified:*

14           (1) *For strategic offensive arms elimination,*  
15     *\$2,823,000.*

16           (2) *For chemical weapons destruction,*  
17     *\$5,446,000.*

18           (3) *For global nuclear security, \$29,001,000.*

19           (4) *For cooperative biological engagement,*  
20     *\$197,585,000.*

21           (5) *For proliferation prevention, \$74,937,000.*

22           (6) *For activities designated as Other Assess-*  
23    *ments/Administrative Costs, \$25,448,000.*

1 **SEC. 1302. SPECIFICATION OF COOPERATIVE THREAT RE-**  
2 **DUCTION FUNDS.**

3 *Funds appropriated pursuant to the authorization of*  
4 *appropriations in section 301 and made available by the*  
5 *funding table in division D for the Department of Defense*  
6 *Cooperative Threat Reduction Program shall be available*  
7 *for obligation for fiscal years 2019, 2020, and 2021.*

8 **TITLE XIV—OTHER**  
9 **AUTHORIZATIONS**

10 ***Subtitle A—Military Programs***

11 **SEC. 1401. WORKING CAPITAL FUNDS.**

12 *Funds are hereby authorized to be appropriated for fis-*  
13 *cal year 2019 for the use of the Armed Forces and other*  
14 *activities and agencies of the Department of Defense for*  
15 *providing capital for working capital and revolving funds,*  
16 *as specified in the funding table in section 4501.*

17 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**  
18 **TION, DEFENSE.**

19 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
20 *hereby authorized to be appropriated for the Department*  
21 *of Defense for fiscal year 2019 for expenses, not otherwise*  
22 *provided for, for Chemical Agents and Munitions Destruc-*  
23 *tion, Defense, as specified in the funding table in section*  
24 *4501.*

25 *(b) USE.—Amounts authorized to be appropriated*  
26 *under subsection (a) are authorized for—*

1           (1) the destruction of lethal chemical agents and  
2           munitions in accordance with section 1412 of the De-  
3           partment of Defense Authorization Act, 1986 (50  
4           U.S.C. 1521); and

5           (2) the destruction of chemical warfare materiel  
6           of the United States that is not covered by section  
7           1412 of such Act.

8   **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
9                           **TIVITIES, DEFENSE-WIDE.**

10          *Funds are hereby authorized to be appropriated for the*  
11          *Department of Defense for fiscal year 2019 for expenses, not*  
12          *otherwise provided for, for Drug Interdiction and Counter-*  
13          *Drug Activities, Defense-wide, as specified in the funding*  
14          *table in section 4501.*

15   **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

16          *Funds are hereby authorized to be appropriated for the*  
17          *Department of Defense for fiscal year 2019 for expenses, not*  
18          *otherwise provided for, for the Office of the Inspector Gen-*  
19          *eral of the Department of Defense, as specified in the fund-*  
20          *ing table in section 4501.*

21   **SEC. 1405. DEFENSE HEALTH PROGRAM.**

22          *Funds are hereby authorized to be appropriated for fis-*  
23          *cal year 2019 for the Defense Health Program for use of*  
24          *the Armed Forces and other activities and agencies of the*  
25          *Department of Defense for providing for the health of eligi-*



1 ble beneficiaries, as specified in the funding table in section  
2 4501.

3 **SEC. 1406. NATIONAL DEFENSE SEALIFT FUND.**

4 *Funds are hereby authorized to be appropriated for fis-*  
5 *cal year 2019 for the National Defense Sealift Fund, as*  
6 *specified in the funding tables in section 4501.*

7 ***Subtitle B—Other Matters***

8 **SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**

9 **DEPARTMENT OF DEFENSE-DEPARTMENT OF**

10 **VETERANS AFFAIRS MEDICAL FACILITY DEM-**

11 **ONSTRATION FUND FOR CAPTAIN JAMES A.**

12 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

13 *(a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the*  
14 *funds authorized to be appropriated by section 1405 and*  
15 *available for the Defense Health Program for operation and*  
16 *maintenance, \$113,000,000 may be transferred by the Sec-*  
17 *retary of Defense to the Joint Department of Defense-De-*  
18 *partment of Veterans Affairs Medical Facility Demonstra-*  
19 *tion Fund established by subsection (a)(1) of section 1704*  
20 *of the National Defense Authorization Act for Fiscal Year*  
21 *2010 (Public Law 111–84; 123 Stat. 2571). For purposes*  
22 *of subsection (a)(2) of such section 1704, any funds so*  
23 *transferred shall be treated as amounts authorized and ap-*  
24 *propriated specifically for the purpose of such a transfer.*

1       (b) *USE OF TRANSFERRED FUNDS.*—For the purposes  
 2 of subsection (b) of such section 1704, facility operations  
 3 for which funds transferred under subsection (a) may be  
 4 used are operations of the Captain James A. Lovell Federal  
 5 Health Care Center, consisting of the North Chicago Vet-  
 6 erans Affairs Medical Center, the Navy Ambulatory Care  
 7 Center, and supporting facilities designated as a combined  
 8 Federal medical facility under an operational agreement  
 9 covered by section 706 of the Duncan Hunter National De-  
 10 fense Authorization Act for Fiscal Year 2009 (Public Law  
 11 110–417; 122 Stat. 4500).

12 **SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR**  
 13 **ARMED FORCES RETIREMENT HOME.**

14       There is hereby authorized to be appropriated for fiscal  
 15 year 2019 from the Armed Forces Retirement Home Trust  
 16 Fund the sum of \$64,300,000 for the operation of the Armed  
 17 Forces Retirement Home.

18 **SEC. 1413. QUARTERLY BRIEFING ON PROGRESS OF CHEM-**  
 19 **ICAL DEMILITARIZATION PROGRAM.**

20       Section 1412(j) of the Department of Defense Author-  
 21 ization Act, 1986 (50 U.S.C. 1521(j)) is amended—

22               (1) in the heading, by striking “Semiannual Re-  
 23       ports” and inserting “QUARTERLY BRIEFING”;

24               (2) in paragraph (1)—

1           (A) by striking “March 1” and all that fol-  
2           lows through “the year in which” and inserting  
3           “90 days after the date of the enactment of the  
4           National Defense Authorization Act for Fiscal  
5           Year 2019, and every 90 days thereafter until”;

6           (B) by striking “submit to” and inserting  
7           “brief”;

8           (C) by striking “a report on the implemen-  
9           tation” and inserting “on the progress made”;  
10          and

11          (D) by striking “of its chemical weapons de-  
12          struction obligations” and inserting “toward ful-  
13          filling its chemical weapons destruction obliga-  
14          tions”; and

15          (3) by striking paragraph (2) and inserting the  
16          following:

17               “(2) Each briefing under paragraph (1) shall in-  
18          clude a description of contractor costs and perform-  
19          ance relative to schedule, the progress to date toward  
20          the complete destruction of the stockpile, and any  
21          other information the Secretary determines to be rel-  
22          evant.”.

1 **TITLE XV—AUTHORIZATION OF**  
2 **ADDITIONAL APPROPRIA-**  
3 **TIONS FOR OVERSEAS CON-**  
4 **TINGENCY OPERATIONS**  
5 ***Subtitle A—Authorization of***  
6 ***Appropriations***

7 **SEC. 1501. PURPOSE OF CERTAIN AUTHORIZATIONS OF AP-**  
8 **PROPRIATIONS.**

9 *The purpose of this subtitle is to authorize appropria-*  
10 *tions for the Department of Defense for fiscal year 2019*  
11 *to provide additional funds for overseas contingency oper-*  
12 *ations being carried out by the Armed Forces.*

13 **SEC. 1502. PROCUREMENT.**

14 *Funds are hereby authorized to be appropriated for fis-*  
15 *cal year 2019 for procurement accounts for the Army, the*  
16 *Navy and the Marine Corps, the Air Force, and Defense-*  
17 *wide activities, as specified in the funding table in section*  
18 *4102.*

19 **SEC. 1503. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
20 **TION.**

21 *Funds are hereby authorized to be appropriated for fis-*  
22 *cal year 2019 for the use of the Department of Defense for*  
23 *research, development, test, and evaluation, as specified in*  
24 *the funding table in section 4202.*

1 **SEC. 1504. OPERATION AND MAINTENANCE.**

2 *Funds are hereby authorized to be appropriated for fis-*  
3 *cal year 2019 for the use of the Armed Forces and other*  
4 *activities and agencies of the Department of Defense for ex-*  
5 *penses, not otherwise provided for, for operation and main-*  
6 *tenance, as specified in the funding table in section 4302.*

7 **SEC. 1505. MILITARY PERSONNEL.**

8 *Funds are hereby authorized to be appropriated for fis-*  
9 *cal year 2019 for the use of the Armed Forces and other*  
10 *activities and agencies of the Department of Defense for ex-*  
11 *penses, not otherwise provided for, for military personnel,*  
12 *as specified in the funding table in section 4402.*

13 **SEC. 1506. WORKING CAPITAL FUNDS.**

14 *Funds are hereby authorized to be appropriated for fis-*  
15 *cal year 2019 for the use of the Armed Forces and other*  
16 *activities and agencies of the Department of Defense for*  
17 *providing capital for working capital and revolving funds,*  
18 *as specified in the funding table in section 4502.*

19 **SEC. 1507. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
20 **TIVITIES, DEFENSE-WIDE.**

21 *Funds are hereby authorized to be appropriated for the*  
22 *Department of Defense for fiscal year 2019 for expenses, not*  
23 *otherwise provided for, for Drug Interdiction and Counter-*  
24 *Drug Activities, Defense-wide, as specified in the funding*  
25 *table in section 4502.*

1 **SEC. 1508. DEFENSE INSPECTOR GENERAL.**

2 *Funds are hereby authorized to be appropriated for the*  
 3 *Department of Defense for fiscal year 2019 for expenses, not*  
 4 *otherwise provided for, for the Office of the Inspector Gen-*  
 5 *eral of the Department of Defense, as specified in the fund-*  
 6 *ing table in section 4502.*

7 **SEC. 1509. DEFENSE HEALTH PROGRAM.**

8 *Funds are hereby authorized to be appropriated for the*  
 9 *Department of Defense for fiscal year 2019 for expenses, not*  
 10 *otherwise provided for, for the Defense Health Program, as*  
 11 *specified in the funding table in section 4502.*

12 ***Subtitle B—Financial Matters***

13 **SEC. 1511. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

14 *The amounts authorized to be appropriated by this*  
 15 *title are in addition to amounts otherwise authorized to be*  
 16 *appropriated by this Act.*

17 **SEC. 1512. SPECIAL TRANSFER AUTHORITY.**

18 *(a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—*

19 *(1) AUTHORITY.—Upon determination by the*  
 20 *Secretary of Defense that such action is necessary in*  
 21 *the national interest, the Secretary may transfer*  
 22 *amounts of authorizations made available to the De-*  
 23 *partment of Defense in this title for fiscal year 2019*  
 24 *between any such authorizations for that fiscal year*  
 25 *(or any subdivisions thereof). Amounts of authoriza-*  
 26 *tions so transferred shall be merged with and be*

1        *available for the same purposes as the authorization*  
 2        *to which transferred.*

3            (2) *LIMITATION.—The total amount of author-*  
 4        *izations that the Secretary may transfer under the*  
 5        *authority of this subsection may not exceed*  
 6        *\$4,500,000,000.*

7            (b) *TERMS AND CONDITIONS.—Transfers under this*  
 8        *section shall be subject to the same terms and conditions*  
 9        *as transfers under section 1001.*

10          (c) *ADDITIONAL AUTHORITY.—The transfer authority*  
 11        *provided by this section is in addition to the transfer au-*  
 12        *thority provided under section 1001.*

13        ***Subtitle C—Limitations, Reports,***  
 14                                ***and Other Matters***

15        ***SEC. 1521. AFGHANISTAN SECURITY FORCES FUND.***

16          (a) *CONTINUATION OF PRIOR AUTHORITIES AND NO-*  
 17        *TICE AND REPORTING REQUIREMENTS.—Funds available*  
 18        *to the Department of Defense for the Afghanistan Security*  
 19        *Forces Fund for fiscal year 2019 shall be subject to the con-*  
 20        *ditions contained in subsections (b) through (g) of section*  
 21        *1513 of the National Defense Authorization Act for Fiscal*  
 22        *Year 2008 (Public Law 110–181; 122 Stat. 428), as amend-*  
 23        *ed by section 1531(b) of the Ike Skelton National Defense*  
 24        *Authorization Act for Fiscal Year 2011 (Public Law 111–*  
 25        *383; 124 Stat. 4424).*

1       **(b) EQUIPMENT DISPOSITION.**—

2               **(1) ACCEPTANCE OF CERTAIN EQUIPMENT.**—Sub-  
3       ject to paragraph (2), the Secretary of Defense may  
4       accept equipment that is procured using amounts in  
5       the Afghanistan Security Forces Fund authorized  
6       under this Act and is intended for transfer to the se-  
7       curity forces of Afghanistan, but is not accepted by  
8       such security forces.

9               **(2) CONDITIONS ON ACCEPTANCE OF EQUIP-**  
10       **MENT.**—Before accepting any equipment under the  
11       authority provided by paragraph (1), the Commander  
12       of United States forces in Afghanistan shall make a  
13       determination that the equipment was procured for  
14       the purpose of meeting requirements of the security  
15       forces of Afghanistan, as agreed to by both the Gov-  
16       ernment of Afghanistan and the United States, but is  
17       no longer required by such security forces or was  
18       damaged before transfer to such security forces.

19               **(3) ELEMENTS OF DETERMINATION.**—In making  
20       a determination under paragraph (2) regarding  
21       equipment, the Commander of United States forces in  
22       Afghanistan shall consider alternatives to Secretary of  
23       Defense acceptance of the equipment. An explanation  
24       of each determination, including the basis for the de-  
25       termination and the alternatives considered, shall be



1       *included in the relevant quarterly report required*  
2       *under paragraph (5).*

3           (4) *TREATMENT AS DEPARTMENT OF DEFENSE*  
4       *STOCKS.—Equipment accepted under the authority*  
5       *provided by paragraph (1) may be treated as stocks*  
6       *of the Department of Defense upon notification to the*  
7       *congressional defense committees of such treatment.*

8           (5) *QUARTERLY REPORTS ON EQUIPMENT DIS-*  
9       *POSITION.—*

10           (A) *IN GENERAL.—Not later than 90 days*  
11       *after the date of the enactment of this Act and*  
12       *every 90-day period thereafter during which the*  
13       *authority provided by paragraph (1) is exer-*  
14       *cised, the Secretary of Defense shall submit to the*  
15       *congressional defense committees a report de-*  
16       *scribing the equipment accepted during the pe-*  
17       *riod covered by such report under the following:*

18           (i) *This subsection.*

19           (ii) *Section 1521(b) of the National*  
20       *Defense Authorization Act for Fiscal Year*  
21       *2018 (Public Law 115–91; 131 Stat. 1711)*

22           (iii) *Section 1521(b) of the National*  
23       *Defense Authorization Act for Fiscal Year*  
24       *2017 (Public Law 114–328; 130 Stat.*  
25       *2575).*

1                   (iv) *Section 1531(b) of the National*  
2                   *Defense Authorization Act for Fiscal Year*  
3                   *2016 (Public Law 114–92; 129 Stat. 1088).*

4                   (v) *Section 1532(b) of the Carl Levin*  
5                   *and Howard P. “Buck” McKeon National*  
6                   *Defense Authorization Act for Fiscal Year*  
7                   *2015 (Public Law 113–291; 128 Stat.*  
8                   *3613).*

9                   (vi) *Section 1531(d) of the National*  
10                  *Defense Authorization Act for Fiscal Year*  
11                  *2014 (Public Law 113–66; 127 Stat. 938;*  
12                  *10 U.S.C. 2302 note).*

13                (B) *ELEMENTS.—Each report under sub-*  
14                *paragraph (A) shall include a list of all equip-*  
15                *ment that was accepted during the period cov-*  
16                *ered by the report and treated as stocks of the*  
17                *Department of Defense and copies of the deter-*  
18                *minations made under paragraph (2), as re-*  
19                *quired by paragraph (3).*

20                (c) *SECURITY OF AFGHAN WOMEN.—*

21                (1) *IN GENERAL.—Of the funds available to the*  
22                *Department of Defense for the Afghanistan Security*  
23                *Forces Fund for fiscal year 2019, it is the goal that*  
24                *\$18,000,000, but in no event less than \$10,000,000,*  
25                *shall be used for—*

1           (A) the recruitment, integration, retention,  
2           training, and treatment of women in the Afghan  
3           National Defense and Security Forces; and

4           (B) the recruitment, training, and con-  
5           tracting of female security personnel for future  
6           elections.

7           (2) *TYPES OF PROGRAMS AND ACTIVITIES.*—Such  
8           programs and activities may include—

9           (A) efforts to recruit women into the Afghan  
10          National Defense and Security Forces, including  
11          the special operations forces;

12          (B) programs and activities of the Afghan  
13          Ministry of Defense Directorate of Human  
14          Rights and Gender Integration and the Afghan  
15          Ministry of Interior Office of Human Rights,  
16          Gender and Child Rights;

17          (C) development and dissemination of gen-  
18          der and human rights educational and training  
19          materials and programs within the Afghan Min-  
20          istry of Defense and the Afghan Ministry of Inte-  
21          rior;

22          (D) efforts to address harassment and vio-  
23          lence against women within the Afghan National  
24          Defense and Security Forces;

1           (E) improvements to infrastructure that ad-  
2           dress the requirements of women serving in the  
3           Afghan National Defense and Security Forces,  
4           including appropriate equipment for female se-  
5           curity and police forces, and transportation for  
6           policewomen to their station;

7           (F) support for Afghanistan National Police  
8           Family Response Units; and

9           (G) security provisions for high-profile fe-  
10          male police and army officers.

11       (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON SE-  
12       curity COOPERATION OBJECTIVES.—

13           (1) ASSESSMENT REQUIRED.—Not later than  
14       June 1, 2019, the Secretary of Defense shall, in con-  
15       sultation with the Secretary of State, submit to the  
16       Committee on Armed Services and the Committee on  
17       Foreign Affairs of the House of Representatives and  
18       the Committee on Armed Services and the Committee  
19       on Foreign Relations of the Senate an assessment de-  
20       scribing the efforts of the Government of the Islamic  
21       Republic of Afghanistan to manage, employ, and sus-  
22       tain the equipment and inventory provided through  
23       the authority under subsection (a). In conducting  
24       such assessment, the Secretary of Defense shall con-  
25       sider each of the following:

1           (A) *The ability of the Afghanistan Ministry*  
2           *of Defense and the Ministry of Interior to man-*  
3           *age and account for previously-divested equip-*  
4           *ment, including a description of any*  
5           *vulnerabilities or weaknesses of each such Min-*  
6           *istry's internal controls and any plan in place*  
7           *to address shortfalls.*

8           (B) *A description of the monitoring and*  
9           *evaluation systems in place to ensure assistance*  
10          *provided through such authority is used only for*  
11          *the intended purposes.*

12          (C) *Any irregularities in the divestment of*  
13          *equipment to the Afghan National Defense and*  
14          *Security Forces during the period beginning on*  
15          *the date of the creation of the Afghanistan Secu-*  
16          *rity Forces Fund, including any major losses of*  
17          *such equipment or any inability on the part of*  
18          *the Afghan National Defense and Security Forces*  
19          *to account for equipment so procured.*

20          (D) *A description of the sustainment and*  
21          *maintenance costs required for major weapons*  
22          *platforms previously divested, over the 5-year pe-*  
23          *riod beginning on the date of the enactment of*  
24          *this Act and a plan for how the Afghan National*

1       *Defense and Security Forces intends to maintain*  
2       *such platforms in the future.*

3               *(E) An assessment of the distribution prac-*  
4       *tices of the Afghan National Defense and Secu-*  
5       *rity Forces, including the manner in which*  
6       *equipment received through the Afghanistan Se-*  
7       *curity Forces Fund is employed.*

8               *(F) The degree to which the Government of*  
9       *Afghanistan is effectively implementing an anti-*  
10       *corruption strategy.*

11               *(G) The extent to which the Government of*  
12       *Afghanistan is adhering to conditions for receiv-*  
13       *ing assistance established in annual financial*  
14       *commitment letters or any other bilateral agree-*  
15       *ments with the United States.*

16       *(2) WITHHOLDING OF ASSISTANCE FOR INSUFFI-*  
17       *CIENT PROGRESS.—*

18               *(A) IN GENERAL.—If the Secretary of De-*  
19       *fense determines, in consultation with the Sec-*  
20       *retary of State and taking into consideration the*  
21       *assessment under paragraph (1), that the Gov-*  
22       *ernment of Afghanistan has made insufficient*  
23       *progress toward maintaining and employing*  
24       *equipment provided by the United States, the*  
25       *Secretary of Defense may withhold assistance for*

1           *the Afghan National Defense and Security Forces*  
 2           *under this section until such time as the Sec-*  
 3           *retary determines sufficient progress has been*  
 4           *made.*

5           *(B) NOTICE TO CONGRESS.—The Secretary*  
 6           *of Defense shall, in coordination with the Sec-*  
 7           *retary of State, provide notice to Congress—*

8                     *(i) not later than 30 days after making*  
 9                     *a decision to withhold assistance pursuant*  
 10                    *to subparagraph (A); and*

11                    *(ii) not later than 30 days before re-*  
 12                    *suming any such assistance pursuant to*  
 13                    *such subparagraph.*

14   **SEC. 1522. JOINT IMPROVISED-THREAT DEFEAT FUND.**

15           *(a) USE AND TRANSFER OF FUNDS.—Subsections (b)*  
 16           *and (c) of section 1514 of the John Warner National De-*  
 17           *fense Authorization Act for Fiscal Year 2007 (Public Law*  
 18           *109–364; 120 Stat. 2439), as in effect before the amend-*  
 19           *ments made by section 1503 of the Duncan Hunter Na-*  
 20           *tional Defense Authorization Act for Fiscal Year 2009 (Pub-*  
 21           *lic Law 110–417; 122 Stat. 4649), shall apply to the funds*  
 22           *made available for fiscal year 2019 to the Department of*  
 23           *Defense for the Joint Improvised-Threat Defeat Fund.*

24           *(b) INTERDICTION OF IMPROVISED EXPLOSIVE DEVICE*  
 25           *PRECURSOR CHEMICALS.—*

1           (1) *AVAILABILITY OF FUNDS.*—Of the funds  
2           made available to the Department of Defense for the  
3           Joint Improvised-Threat Defeat Fund for fiscal year  
4           2019, \$15,000,000 may be available to the Secretary  
5           of Defense, with the concurrence of the Secretary of  
6           State, to provide training, equipment, supplies, and  
7           services to ministries and other entities of foreign gov-  
8           ernments that the Secretary has identified as critical  
9           for countering the flow of improvised explosive device  
10          precursor chemicals.

11          (2) *PROVISION THROUGH OTHER US AGEN-*  
12          *CIES.*—If jointly agreed upon by the Secretary of De-  
13          fense and the head of another department or agency  
14          of the United States Government, the Secretary of De-  
15          fense may transfer funds available under paragraph  
16          (1) to such department or agency for the provision by  
17          such department or agency of training, equipment,  
18          supplies, and services to ministries and other entities  
19          of foreign governments as described in that para-  
20          graph.

21          (3) *NOTICE TO CONGRESS.*—None of the funds  
22          made available pursuant to paragraph (1) may be ob-  
23          ligated or expended to supply training, equipment,  
24          supplies, or services to a foreign country before the  
25          date that is 15 days after the date on which the Sec-



1        *retary of Defense, in coordination with the Secretary*  
2        *of State, submits to the Committee on Armed Services*  
3        *and the Committee on Foreign Relations of the Senate*  
4        *and the Committee on Armed Services and the Com-*  
5        *mittee on Foreign Affairs of the House of Representa-*  
6        *tives a notice that contains—*

7                *(A) the foreign country for which training,*  
8                *equipment, supplies, or services are proposed to*  
9                *be supplied;*

10               *(B) a description of the training, equip-*  
11               *ment, supplies, and services to be provided using*  
12               *such funds;*

13               *(C) a detailed description of the amount of*  
14               *funds proposed to be obligated or expended to*  
15               *supply such training, equipment, supplies or*  
16               *services, including any funds proposed to be obli-*  
17               *gated or expended to support the participation of*  
18               *another department or agency of the United*  
19               *States and a description of the training, equip-*  
20               *ment, supplies, or services proposed to be sup-*  
21               *plied;*

22               *(D) an evaluation of the effectiveness of the*  
23               *efforts of the foreign country identified under*  
24               *subparagraph (A) to counter the flow of impro-*  
25               *vised explosive device precursor chemicals; and*

1           (E) an overall plan for countering the flow  
 2           of precursor chemicals in the foreign country  
 3           identified under subparagraph (A).

4           (4) EXPIRATION.—The authority provided by  
 5           this subsection expires on December 31, 2019.

6           (c) TRANSITION PLAN REQUIRED.—Not later than  
 7           March 1, 2019, the Secretary of Defense shall submit to the  
 8           Committees on Armed Services of the House of Representa-  
 9           tives and the Senate a plan to transition funding for the  
 10          Joint Improvised-Threat Defeat Fund from amounts made  
 11          available for overseas contingency operations to amounts  
 12          otherwise made available for the purposes of such Fund.

13       **TITLE XVI—STRATEGIC PRO-**  
 14       **GRAMS, CYBER, AND INTEL-**  
 15       **LIGENCE MATTERS**

16       **Subtitle A—Space Activities**

17       **SEC. 1601. IMPROVEMENTS TO ACQUISITION SYSTEM, PER-**  
 18       **SONNEL, AND ORGANIZATION OF SPACE**  
 19       **FORCES.**

20       (a) PLAN FOR ACQUISITION SYSTEM.—

21           (1) DEVELOPMENT.—The Deputy Secretary of  
 22          Defense shall develop a plan to establish a separate,  
 23          alternative acquisition system for defense space acqui-  
 24          sitions, including with respect to procuring space ve-

1        *hicles, ground segments relating to such vehicles, and*  
2        *satellite terminals.*

3            (2) *REQUIREMENTS PROCESS.*—*The plan devel-*  
4        *oped under paragraph (1) shall include recommenda-*  
5        *tions of the Deputy Secretary with respect to whether*  
6        *the separate, alternative acquisition system described*  
7        *in the plan should use the Joint Capabilities Integra-*  
8        *tion and Development System process or instead use*  
9        *a new requirements process developed by the Deputy*  
10       *Secretary in a manner that ensures that requirements*  
11       *for a program are synchronized across the space vehi-*  
12       *cles, ground segments relating to such vehicles, and*  
13       *satellite terminals, of the program.*

14           (3) *EXCEPTION.*—*The plan developed under*  
15        *paragraph (1) shall cover defense space acquisitions*  
16        *except with respect to the National Reconnaissance*  
17        *Office and other elements of the Department of De-*  
18        *fense that are elements of the intelligence community*  
19        *(as defined in section 3 of the National Security Act*  
20        *of 1947 (50 U.S.C. 3003)).*

21           (4) *SUBMISSION.*—*Not later than December 31,*  
22        *2019, the Deputy Secretary shall submit to the con-*  
23        *gressional defense committees a report containing the*  
24        *plan developed under paragraph (1).*

25        (b) *CADRE DEVELOPMENT.*—

1           (1) *PLAN.*—

2                   (A) *DEVELOPMENT.*—*The Secretary of the*  
3                   *Air Force shall develop and implement a plan to*  
4                   *increase the number and improve the quality of*  
5                   *the space cadre of the Air Force.*

6                   (B) *MATTERS INCLUDED.*—*The plan devel-*  
7                   *oped under subparagraph (A) shall address the*  
8                   *following:*

9                           (i) *Managing the career progression of*  
10                           *members of the Armed Forces and civilian*  
11                           *employees of the Department who form the*  
12                           *space cadre of the Air Force throughout the*  
13                           *military or civilian career of the member or*  
14                           *the employee, as the case may be, including*  
15                           *with respect to—*

16                                   (I) *defining career professional*  
17                                   *milestones;*

18                                   (II) *pay and incentive structures;*

19                                   (III) *the management and over-*  
20                                   *sight of the space cadre;*

21                                   (IV) *training relating to planning*  
22                                   *and executing warfighting missions*  
23                                   *and operations in space;*

24                                   (V) *conducting periodic cadre-*  
25                                   *wide professional assessments to deter-*

1           *mine how the cadre is developing as a*  
2           *group; and*

3                     (VI) *establishing a centralized*  
4           *method to control personnel assign-*  
5           *ments and distribution.*

6                     (ii) *The identification of future space-*  
7           *related career fields that the Secretary de-*  
8           *termines appropriate, including a space ac-*  
9           *quisition career field.*

10                    (iii) *The identification of any overlap*  
11           *that exists among operations and acquisi-*  
12           *tions career fields to determine opportuni-*  
13           *ties for cross-functional career opportuni-*  
14           *ties.*

15                    (C) *SUBMISSION.—Not later than March 1,*  
16           *2019, the Secretary shall submit to the congres-*  
17           *sional defense committees a report containing the*  
18           *plan developed under subparagraph (A).*

19                    (2) *NUMBERED AIR FORCE.—*

20                    (A) *ESTABLISHMENT.—Not later than De-*  
21           *cember 31, 2019, the Secretary of the Air Force*  
22           *shall establish as part of the Air Force a new*  
23           *numbered Air Force that is—*

24                    (i) *responsible for carrying out space*  
25           *warfighting operations; and*

1                   (ii) assigned to the United States  
2                   Space Command established by section 169  
3                   of title 10, United States Code, as added by  
4                   subsection (c).

5                   (B) *EFFECT ON 14TH AIR FORCE.*—The es-  
6                   tablishment of a new numbered Air Force under  
7                   subparagraph (A) shall not effect the space sup-  
8                   port mission of the 14th Air Force, including  
9                   with respect to—

10                   (i) space launches, training, and exer-  
11                   cises; and

12                   (ii) being assigned to the Air Force  
13                   Space Command.

14                   (C) *PLAN.*—Not later than December 31,  
15                   2019, the Secretary shall submit to the congres-  
16                   sional defense committees a plan to establish the  
17                   new numbered Air Force under subparagraph  
18                   (A).

19                   (c) *ESTABLISHMENT OF SUBORDINATE UNIFIED COM-*  
20                   *MAND.*—

21                   (1) *IN GENERAL.*—Chapter 6 of title 10, United  
22                   States Code, is amended by adding at the end the fol-  
23                   lowing new section:

1   **“§ 169. Subordinate unified command of the United**  
2                   **States Strategic Command**

3           “(a) *ESTABLISHMENT.*—With the advice and assist-  
4   *ance of the Chairman of the Joint Chiefs of Staff, the Presi-*  
5   *dent, through the Secretary of Defense, shall establish under*  
6   *the United States Strategic Command a subordinate uni-*  
7   *fied command to be known as the United States Space Com-*  
8   *mand (in this section referred to as ‘space command’) for*  
9   *carrying out joint space warfighting operations.*

10          “(b) *ASSIGNMENT OF FORCES.*—Unless otherwise di-  
11   *rected by the Secretary of Defense, all active and reserve*  
12   *space warfighting operational forces of the armed forces*  
13   *shall be assigned to the space command, including the num-*  
14   *bered Air Force responsible for carrying out space*  
15   *warfighting operations.*

16          “(c) *COMMANDER.*—(1) *The commander of the space*  
17   *command shall hold the grade of general or, in the case of*  
18   *an officer of the Navy, admiral while serving in that posi-*  
19   *tion, without vacating the permanent grade of the officer.*  
20   *The commander shall be appointed to that grade by the*  
21   *President, by and with the advice and consent of the Senate,*  
22   *for service in that position. The position shall be designated,*  
23   *pursuant to subsection (b) of section 526 of this title, as*  
24   *one of the general officer and flag officer positions to be*  
25   *excluded from the limitations in subsection (a) of such sec-*  
26   *tion.*

1       “(2) *During the three-year period following the date*  
2 *on which the space command is established, the commander*  
3 *of the Air Force Space Command may also serve as the*  
4 *commander of the space command so established. After such*  
5 *period, one individual may not concurrently serve as both*  
6 *such commanders.*

7       “(d) *AUTHORITY OF COMMANDER.—(1) Subject to the*  
8 *authority, direction, and control of the commander of the*  
9 *United States Strategic Command, the commander of the*  
10 *space command shall be responsible for, and shall have the*  
11 *authority to conduct, all affairs of such command relating*  
12 *to joint space warfighting operations.*

13       “(2)(A) *Subject to the authority, direction, and control*  
14 *of the Deputy Secretary of Defense, the commander of the*  
15 *space command shall be responsible for, and shall have the*  
16 *authority to conduct, the following functions relating to*  
17 *joint space warfighting operations (whether or not relating*  
18 *to the space command):*

19               “(i) *Developing strategy, doctrine, and tactics.*

20               “(ii) *Preparing and submitting to the Secretary*  
21 *of Defense program recommendations and budget pro-*  
22 *posals for space operations forces and for other forces*  
23 *assigned to the space command.*



1           “(iii) *Exercising authority, direction, and con-*  
2           *trol over the expenditure of funds for forces assigned*  
3           *directly to the space command.*

4           “(iv) *Training and certification of assigned joint*  
5           *forces.*

6           “(v) *Conducting specialized courses of instruc-*  
7           *tion for commissioned and noncommissioned officers.*

8           “(vi) *Validating requirements.*

9           “(vii) *Establishing priorities for requirements.*

10          “(viii) *Ensuring the interoperability of equip-*  
11          *ment and forces.*

12          “(ix) *Formulating and submitting requirements*  
13          *for intelligence support.*

14          “(x) *Monitoring the promotion of space oper-*  
15          *ation forces and coordinating with the military de-*  
16          *partments regarding the assignment, retention, train-*  
17          *ing, professional military education, and special and*  
18          *incentive pays of space operation forces.*

19          “(B) *The authority, direction, and control exercised by*  
20          *the Deputy Secretary of Defense for purposes of this para-*  
21          *graph is authority, direction, and control with respect to*  
22          *the administration and support of the space command, in-*  
23          *cluding readiness and organization of space operations*  
24          *forces, space operations-peculiar equipment and resources,*  
25          *and civilian personnel.*

1       “(C) *Nothing in this paragraph shall be construed as*  
2 *providing the Deputy Secretary of Defense authority, direc-*  
3 *tion, and control of operational matters that are subject to*  
4 *the operational chain of command of the combatant com-*  
5 *mands or the exercise of authority, direction, and control*  
6 *of personnel, resources, equipment, and other matters that*  
7 *are not space-operations peculiar and that are in the pur-*  
8 *view of the armed forces.*

9       “(3) *The commander of the space command shall be*  
10 *responsible for—*

11               “(A) *ensuring the combat readiness of forces as-*  
12 *signed to the space command; and*

13               “(B) *monitoring the preparedness to carry out*  
14 *assigned missions of space forces assigned to unified*  
15 *combatant commands other than the United States*  
16 *Strategic Command.*

17       “(4) *The staff of the commander shall include an in-*  
18 *spector general who shall conduct internal audits and in-*  
19 *spections of purchasing and contracting actions through the*  
20 *space command and such other inspector general functions*  
21 *as may be assigned.*

22       “(e) *INTELLIGENCE AND SPECIAL ACTIVITIES.—This*  
23 *section does not constitute authority to conduct any activity*  
24 *which, if carried out as an intelligence activity by the De-*  
25 *partment of Defense, would require a notice to the Select*

1 *Committee on Intelligence of the Senate and the Permanent*  
 2 *Select Committee on Intelligence of the House of Represent-*  
 3 *atives under title V of the National Security Act of 1947*  
 4 *(50 U.S.C. 3091 et seq.).”.*

5 (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 6 *tions at the beginning of such chapter is amended by*  
 7 *inserting after the item relating to section 167b the*  
 8 *following new item:*

*“169. Subordinate unified command of the United States Strategic Command”.*

9 **SEC. 1602. RAPID, RESPONSIVE, AND RELIABLE SPACE**  
 10 **LAUNCH.**

11 (a) *ASSURED ACCESS TO SPACE.*—*Section 2273 of*  
 12 *title 10, United States Code, is amended—*

13 (1) *in subsection (b)—*

14 (A) *in paragraph (1), by striking “; and”;*

15 (B) *in paragraph (2), by striking the period*  
 16 *at the end and inserting “; and”; and*

17 (C) *by adding at the end the following new*  
 18 *paragraph:*

19 “(3) *the availability of rapid, responsive, and re-*  
 20 *liable space launches for national security space pro-*  
 21 *grams to—*

22 “(A) *improve the responsiveness and flexi-*  
 23 *bility of a national security space system;*

24 “(B) *lower the costs of launching a national*  
 25 *security space system; and*

1           “(C) maintain risks of mission success at  
2           acceptably low levels.”; and

3           (2) in subsection (c), by inserting before the pe-  
4           riod at the end the following: “and the Director of  
5           National Intelligence”.

6           (b) *REUSABILITY OF LAUNCH VEHICLES.*—

7           (1) *DESIGNATION.*—Effective March 1, 2019, the  
8           Evolved Expendable Launch Vehicle program of the  
9           Department of Defense shall be known as the “Na-  
10          tional Security Space Launch program”. Any ref-  
11          erence in Federal law, regulations, guidance, instruc-  
12          tions, or other documents of the Federal Government  
13          to the Evolved Expendable Launch Vehicle program  
14          shall be deemed to be a reference to the National Secu-  
15          rity Space Launch program.

16          (2) *REQUIREMENT.*—In carrying out the Na-  
17          tional Security Space Launch program, the Secretary  
18          of Defense shall provide for consideration of both reus-  
19          able and expendable launch vehicles with respect to  
20          any solicitation occurring on or after March 1, 2019,  
21          for which the use of a reusable launch vehicle is tech-  
22          nically capable and maintains risk at acceptable lev-  
23          els.

24          (3) *NOTIFICATION OF SOLICITATIONS FOR NON-*  
25          *REUSABLE LAUNCH VEHICLES.*—Beginning March 1,

1       2019, if the Secretary proposes to issue a solicitation  
2       for a contract for space launch services for which the  
3       use of reusable launch vehicles is not eligible for the  
4       award of the contract, the Secretary shall notify in  
5       writing the appropriate congressional committees of  
6       such proposed solicitation, including justifications for  
7       such ineligibility, by not later than 60 days before  
8       issuing such solicitation.

9       (c) *RISK AND COST IMPACT ANALYSIS.*—

10           (1) *IN GENERAL.*—The Secretary shall conduct a  
11       risk and cost impact analysis with respect to launch  
12       services that use reusable launch vehicles. Such anal-  
13       ysis shall include—

14           (A) an assessment of how the inspection and  
15       certification regime of the Air Force for pre-  
16       viously flown launch vehicles will ensure in-  
17       creased responsiveness and operational flexibility  
18       while maintaining acceptably low risk; and

19           (B) an assessment of the anticipated cost  
20       savings to the Department of Defense realized by  
21       using a previously flown launch vehicle or com-  
22       ponents.

23           (2) *SUBMISSION.*—Not later than 180 days after  
24       the date of the enactment of this Act, the Secretary

1        *shall submit to the appropriate congressional commit-*  
 2        *tees the analysis conducted under paragraph (1).*

3        *(d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
 4        *FINED.—In this section, the term “appropriate congres-*  
 5        *sional committees” means the following:*

6                *(1) The congressional defense committees.*

7                *(2) The Permanent Select Committee on Intel-*  
 8        *ligence of the House of Representatives and the Select*  
 9        *Committee on Intelligence of the Senate.*

10    **SEC. 1603. PROVISION OF SPACE SITUATIONAL AWARENESS**

11                **SERVICES AND INFORMATION.**

12        *(a) ROLE OF DEPARTMENT OF DEFENSE.—Section*  
 13        *2274(a) of title 10, United States Code, is amended—*

14                *(1) by striking “The Secretary of Defense may”*  
 15        *and inserting “(1) Except as provided by paragraph*  
 16        *(2), the Secretary of Defense may”; and*

17                *(2) by adding at the end the following new para-*  
 18        *graph:*

19        *“(2) Beginning January 1, 2024, the Secretary may*  
 20        *provide space situational awareness services and informa-*  
 21        *tion to, and may obtain space situational awareness data*  
 22        *and information from, non-United States Government enti-*  
 23        *ties under paragraph (1) only to the extent that the Sec-*  
 24        *retary determines such actions are necessary to meet the*  
 25        *national security interests of the United States.”.*

1       (b) *INDEPENDENT ASSESSMENT.*—

2               (1) *FFRDC.*—Not later than 30 days after the  
3       date of the enactment of this Act, the Secretary of De-  
4       fense shall seek to enter into a contract with a feder-  
5       ally funded research and development center for which  
6       the Department of Defense is a sponsor to assess  
7       which single or combination of departments or agen-  
8       cies of the Federal Government, if any, should assume  
9       the authorities of the Secretary of Defense under  
10      paragraph (1) of section 2274(a) of title 10, United  
11      States Code, that the Secretary will no longer carry  
12      out beginning on January 1, 2024, pursuant to para-  
13      graph (2) of such section, as added by subsection (a)  
14      of this section.

15              (2) *CONSIDERATIONS.*—The assessment under  
16      paragraph (1) shall consider the following:

17                      (A) *The existing staff, budgetary resources,*  
18                      *and institutional expertise of the departments*  
19                      *and agencies of the Federal Government evalu-*  
20                      *ated by the assessment.*

21                      (B) *The demonstrated ability of such de-*  
22                      *partments and agencies to work collaboratively*  
23                      *with industry in developing best practices or*  
24                      *consensus standards.*

1           (C) *The capacity of such departments and*  
2           *agencies to facilitate communication between*  
3           *space object operators to avoid a collision.*

4           (D) *The ability of such departments and*  
5           *agencies to use other transaction agreements or*  
6           *similar transaction mechanisms.*

7           (E) *Existing non-profit organizations*  
8           *through which such departments and agencies*  
9           *may oversee the private provision of space situa-*  
10          *tional awareness services and information.*

11          (3) *SUBMISSION.—*

12           (A) *DOD.—Not later than 180 days after*  
13           *the date on which the Secretary and a federally*  
14           *funded research and development center enter*  
15           *into the contract under paragraph (1), the center*  
16           *shall submit to the Secretary a report on the as-*  
17           *essment conducted under such paragraph.*

18           (B) *CONGRESS.—Not later than 10 days*  
19           *after the date on which the Secretary receives the*  
20           *report under subparagraph (A), the Secretary*  
21           *shall submit to the appropriate congressional*  
22           *committees such report, without change.*

23          (c) *PLAN.—*

24           (1) *DEVELOPMENT.—The Secretary of Defense,*  
25           *in coordination with the heads of other departments*



1        *or agencies of the Federal Government determined ap-*  
2        *propriate by the Secretary, shall develop a plan to en-*  
3        *sure that one or more departments or agencies of the*  
4        *Federal Government other than the Department of*  
5        *Defense may provide space situational awareness*  
6        *services and information to non-United States Gov-*  
7        *ernment entities.*

8            (2) *CONSIDERATION.—In developing the plan*  
9        *under paragraph (1), the Secretary shall take into*  
10       *consideration the assessment conducted under sub-*  
11       *section (b)(1).*

12           (3) *SUBMISSION.—Not later than 180 days after*  
13       *the date on which the Secretary submits the report*  
14       *under subsection (b)(3), the Secretary shall submit to*  
15       *the appropriate congressional committees the plan de-*  
16       *veloped under paragraph (1).*

17           (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
18       *FINED.—In this section, the term “appropriate congres-*  
19       *sional committees” means the following:*

20           (1) *The congressional defense committees.*

21           (2) *The Committee on Science, Space, and Tech-*  
22       *nology, the Committee on Transportation and Infra-*  
23       *structure, the Committee on Energy and Commerce,*  
24       *the Committee on Foreign Affairs, and the Permanent*

1       *Select Committee on Intelligence of the House of Rep-*  
2       *resentatives.*

3               *(3) The Committee on Commerce, Science, and*  
4       *Transportation, the Committee on Foreign Relations,*  
5       *and the Select Committee on Intelligence of the Sen-*  
6       *ate.*

7   **SEC. 1604. BUDGET ASSESSMENTS FOR NATIONAL SECU-**  
8               **RITY SPACE PROGRAMS.**

9       *Section 239(b)(1) of title 10, United States Code, is*  
10   *amended to read as follows:*

11       “(1) *Not later than 30 days after the date on which*  
12   *the President submits to Congress the budget for each of fis-*  
13   *cal years 2017 through 2021, the Secretary of Defense shall*  
14   *submit to the congressional defense committees a report on*  
15   *the budget for national security space programs of the De-*  
16   *partment of Defense. The Secretary may include the report*  
17   *in the defense budget materials if the Secretary submits*  
18   *such materials to Congress by such date.”.*

19   **SEC. 1605. ENHANCEMENT OF POSITIONING, NAVIGATION,**  
20               **AND TIMING CAPACITY.**

21       *(a) CAPABILITY FOR TRUSTED SIGNALS.—The Sec-*  
22   *retary of the Air Force shall ensure that military Global*  
23   *Positioning System user equipment terminals have the ca-*  
24   *pability, including with appropriate mitigation efforts, to*  
25   *receive trusted signals from the Galileo satellites of the Eu-*

1 ropean Union and the QZSS satellites of Japan, beginning  
2 with increment 2 of the acquisition of such terminals.

3 (b) *CAPABILITY FOR OTHER SIGNALS.*—The Secretary  
4 of the Air Force shall ensure that military Global Posi-  
5 tioning System user equipment terminals having the capa-  
6 bility to receive non-allied positioning, navigation, and  
7 timing signals, beginning with increment 2 of the acquisi-  
8 tion of such terminals, if the Secretary of Defense, in con-  
9 sultation with the Commander of the United States Stra-  
10 tegic Command, determines that—

11 (1) the benefits of receiving such signals outweigh  
12 the risks; or

13 (2) such risks can be appropriately mitigated.

14 (c) *ENGAGEMENT.*—The Secretary of Defense, jointly  
15 with the Secretary of State, shall engage with relevant allies  
16 of the United States to—

17 (1) enable military Global Positioning System  
18 user equipment terminals to receive the positioning,  
19 navigation, and timing signals of such allies; and

20 (2) negotiate as appropriate other potential  
21 agreements relating to the enhancement of posi-  
22 tioning, navigation, and timing.

1 **SEC. 1606. USE OF SMALL- AND MEDIUM-SIZE BUSES FOR**  
2 **STRATEGIC AND TACTICAL SATELLITE PAY-**  
3 **LOADS.**

4 (a) *BRIEFING ON RISKS, BENEFITS, AND COST SAV-*  
5 *INGS.—*

6 (1) *BRIEFING.—Not later than 180 days after*  
7 *the date of the enactment of this Act, the Secretary of*  
8 *Defense, in coordination with the Director of National*  
9 *Intelligence, shall provide to the Committees on*  
10 *Armed Services of the House of Representatives and*  
11 *the Senate, and to any other appropriate congres-*  
12 *sional committee upon request, a briefing on the risks,*  
13 *benefits, and cost savings with respect to using small-*  
14 *and medium-size buses for strategic and tactical sat-*  
15 *ellite payloads for protected satellite communications*  
16 *programs and next-generation overhead persistent in-*  
17 *frared systems.*

18 (2) *MATTERS INCLUDED.—The briefing provided*  
19 *under paragraph (1) shall address the following:*

20 (A) *Increasing component and subcompo-*  
21 *nent commonality for power regulation, solar ar-*  
22 *rays, battery technology, thermal control, and*  
23 *avionics.*

24 (B) *The security of the supply chain, in-*  
25 *cluding a strategy to mitigate risk in such sup-*  
26 *ply chain.*

1       (b) *ANALYSES OF ALTERNATIVES.*—

2               (1) *CERTIFICATIONS.*—*With respect to each anal-*  
3       *ysis of alternatives of new space vehicles relating to*  
4       *a program described in paragraph (2), the Director*  
5       *for Cost Assessment and Program Evaluation shall*  
6       *certify to the appropriate congressional committees*  
7       *that the analysis—*

8               (A) *includes materiel solutions for using*  
9       *small- and medium-size buses; and*

10              (B) *considers the relevant operational bene-*  
11       *fits and potential cost savings of using small,*  
12       *medium-, and large-size buses.*

13              (2) *PROGRAMS DESCRIBED.*—*The programs de-*  
14       *scribed in this paragraph are the programs of the De-*  
15       *partment of Defense relating to any of the following:*

16              (A) *Protected satellite communications.*

17              (B) *Next-generation overhead persistent in-*  
18       *frared systems.*

19              (C) *Space-based environmental monitoring.*

20       (c) *BRIEFING ON ALTERNATIVE SPACE-BASED ARCHI-*  
21       *TECTURES.*—*Not later than 240 days after the date of the*  
22       *enactment of this Act, the Secretary of Defense, the Sec-*  
23       *retary of the Air Force, and the Chairman of the Joint*  
24       *Chiefs of Staff shall jointly provide to the Committees on*  
25       *Armed Services of the House of Representatives and the*

1 *Senate, and to any other appropriate congressional com-*  
 2 *mittee upon request, a briefing on alternative space-based*  
 3 *architectures for the programs described in subsection (b)(2)*  
 4 *using small-, medium-, and large-size buses.*

5 *(d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
 6 *FINED.—In this section, the term “appropriate congres-*  
 7 *sional committees” means the following:*

8 *(1) The congressional defense committees.*

9 *(2) The Permanent Select Committee on Intel-*  
 10 *ligence of the House of Representatives and the Select*  
 11 *Committee on Intelligence of the Senate.*

12 **SEC. 1607. DESIGNATION OF COMPONENT OF DEPARTMENT**  
 13 **OF DEFENSE RESPONSIBLE FOR COORDINA-**  
 14 **TION OF MODERNIZATION EFFORTS RELAT-**  
 15 **ING TO MILITARY-CODE CAPABLE GPS RE-**  
 16 **CEIVER CARDS.**

17 *(a) DESIGNATION.—Not later than 30 days after the*  
 18 *date of the enactment of this Act, the Secretary of Defense,*  
 19 *in coordination with the Secretaries of the military depart-*  
 20 *ments and the heads of Defense Agencies the Secretary de-*  
 21 *termines appropriate, shall designate a component of the*  
 22 *Office of the Secretary of Defense to be responsible for co-*  
 23 *ordinating common solutions for the M-code modernization*  
 24 *efforts among the military departments, Defense Agencies,*

1 *and other appropriate elements of the Department of De-*  
2 *fense.*

3       **(b) ROLES AND RESPONSIBILITIES.**—*The roles and re-*  
4 *sponsibilities of the component selected under subsection (a)*  
5 *shall include the following:*

6           **(1)** *Identify the elements of the Department of*  
7 *Defense and the programs of the Department that re-*  
8 *quire M-code capable receiver cards and determine—*

9                   **(A)** *the number of total receiver cards re-*  
10 *quired by the Department, including the number*  
11 *required for each such element and program and*  
12 *the military departments;*

13                   **(B)** *the timeline, by fiscal year, for each*  
14 *program of the Department conducting M-code*  
15 *modernization efforts; and*

16                   **(C)** *the projected cost for each such pro-*  
17 *gram.*

18           **(2)** *Systematically collect integration test data,*  
19 *lessons learned, and design solutions, and share such*  
20 *information with other elements of the Department.*

21           **(3)** *Identify ways the Department can prevent*  
22 *duplication in conducting M-code modernization ef-*  
23 *forts, and identify, to the extent practicable, potential*  
24 *cost savings that could be realized by addressing such*  
25 *duplication.*

1           (4) *Coordinate the integration, testing, and pro-*  
2           *curement of M-code capable receiver cards to ensure*  
3           *that the Department maximizes the buying power of*  
4           *the Department, reduces duplication, and saves re-*  
5           *sources, where possible.*

6           (c) *SUPPORT.—The Secretary of Defense shall ensure*  
7           *the military departments, the Defense Agencies, and other*  
8           *elements of the Department of Defense provide the compo-*  
9           *nent selected under subsection (a) with the appropriate sup-*  
10          *port and resources needed to perform the roles and respon-*  
11          *sibilities under subsection (b).*

12          (d) *REPORTS.—Not later than March 15, 2019, and*  
13          *annually thereafter through 2021, the Secretary of Defense*  
14          *shall provide to the congressional defense committees a re-*  
15          *port on M-code modernization efforts. Each report shall in-*  
16          *clude, with respect to the period covered by the report, the*  
17          *following:*

18               (1) *The projected cost and schedule, by fiscal*  
19               *year, for the Department to acquire M-code capable*  
20               *receiver cards.*

21               (2) *The programs of the Department conducting*  
22               *M-code modernization efforts.*

23               (3) *The number of M-code capable receiver cards*  
24               *procured by the Department, the number of such re-*  
25               *ceiver cards yet to be procured, and the percentage of*



1       the M-code modernization efforts completed by each  
2       program identified under paragraph (2).

3       (e) *DEFINITIONS.*—In this section:

4           (1) The term “M-code capable receiver card”  
5       means a Global Positioning System receiver card that  
6       is capable of receiving military code that provides en-  
7       hanced positioning, navigation, and timing capabili-  
8       ties and improved resistance to existing and emerging  
9       threats, such as jamming.

10          (2) The term “M-code modernization efforts”  
11       means the development, integration, testing, and pro-  
12       curement programs of the Department of Defense re-  
13       lating to developing M-code capable receiver cards.

14   **SEC. 1608. DESIGNATION OF COMPONENT OF DEPARTMENT**  
15                   **OF DEFENSE RESPONSIBLE FOR COORDINA-**  
16                   **TION OF HOSTED PAYLOAD INFORMATION.**

17       (a) *FINDINGS.*—Congress finds the following:

18           (1) Using commercially hosted payloads is an  
19       option for the Department of Defense that should be  
20       considered in analyses of alternatives, as it could in-  
21       crease cost savings, speed up capability to orbit, and  
22       contribute to resilience through the use of  
23       disaggregated space systems by the Department.

24           (2) The use by the Department of commercially  
25       hosted payloads has been limited so far, using com-

1        *mercial satellites to host three experimental payloads*  
2        *to date, though the use of hosted payloads could ex-*  
3        *pand in the future.*

4            *(3) The Department does not have the knowledge*  
5        *the Department needs to determine if commercially*  
6        *hosted payloads are an acquisition approach worth*  
7        *pursuing.*

8            *(4) The Department faces challenges in matching*  
9        *payloads to commercial hosts, due to numerous*  
10       *logistical challenges to matching payloads to hosts, in-*  
11       *cluding coordinating the size, weight and power of the*  
12       *payload with the commercial host, and aligning ac-*  
13       *quisition and funding timelines between government*  
14       *and commercial programs.*

15           *(5) The Comptroller General of the United States*  
16       *in preliminary findings concluded that the space ac-*  
17       *quisition culture of the Department lacks sufficient*  
18       *knowledge, such as costs, technical parameters, and*  
19       *lessons learned, to determine the benefits and address*  
20       *the challenges of using commercially hosted payloads*  
21       *and that the existing knowledge is fragmented across*  
22       *the Department without any plans to consolidate it.*

23           *(6) Programs are not required to report data on*  
24       *commercially hosted payloads to any centralized office*  
25       *or database, and leveraging cost and technical data*

1       *from hosted payload efforts could inform future inter-*  
2       *ested programs and avoid duplication of efforts, but*  
3       *currently no such comprehensive data source exists.*

4       **(b) DESIGNATION.**—*Not later than 30 days after the*  
5       *date of the enactment of this Act, the Secretary of Defense,*  
6       *in coordination with the Secretary of the Air Force, and*  
7       *other Secretaries of the military departments and the heads*  
8       *of Defense Agencies the Secretary determines appropriate,*  
9       *shall designate a component of the Department of Defense*  
10      *or a military department to be responsible for coordinating*  
11      *information, processes, and lessons learned relating to using*  
12      *commercially hosted payloads across the military depart-*  
13      *ments, Defense Agencies, and other appropriate elements of*  
14      *the Department of Defense. The functions of such designated*  
15      *component shall include, at a minimum, the following:*

16           (1) *Systematically collecting information from*  
17           *past and planned hosted payload arrangements to in-*  
18           *form future acquisition planning and space system*  
19           *architecture design, including integration test data,*  
20           *lessons learned, and design solutions.*

21           (2) *Creating a centralized database for cost, tech-*  
22           *nical data, and lessons learned on commercially*  
23           *hosted payloads and sharing such information with*  
24           *other elements of the Department.*

1 **SEC. 1609. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
2 **JOINT SPACE OPERATIONS CENTER MISSION**  
3 **SYSTEM.**

4 (a) *JMS.*—None of the funds authorized to be appro-  
5 priated by this Act or otherwise made available for fiscal  
6 year 2019 for the Joint Space Operations Center mission  
7 system may be obligated or expended until the date on  
8 which the Deputy Secretary of Defense makes the certifi-  
9 cation under subsection (c).

10 (b) *ESBMC2.*—Of the funds authorized to be appro-  
11 priated by this Act or otherwise made available for fiscal  
12 year 2019 for service and management applications of the  
13 enterprise space battle management command and control,  
14 not more than 75 percent may be obligated or expended  
15 until the date on which the Deputy Secretary of Defense  
16 makes the certification under subsection (c).

17 (c) *CERTIFICATION.*—The Deputy Secretary of De-  
18 fense, without delegation, shall certify to the congressional  
19 defense committees that the Secretary of the Air Force has  
20 entered into a contract to operationalize existing, proven,  
21 best-in-breed commercial space situational awareness proc-  
22 essing software to address warfighter requirements and fill  
23 gaps in current space situational capabilities.

1 **SEC. 1610. EVALUATION AND ENHANCED SECURITY OF SUP-**  
2 **PLY CHAIN FOR PROTECTED SATELLITE COM-**  
3 **MUNICATIONS PROGRAMS AND OVERHEAD**  
4 **PERSISTENT INFRARED SYSTEMS.**

5 (a) EVALUATIONS OF SUPPLY CHAIN  
6 VULNERABILITIES.—

7 (1) *IN GENERAL.*—Not later than December 31,  
8 2020, and in accordance with the plan under para-  
9 graph (2)(A), the Secretary of Defense, in coordina-  
10 tion with the Director of National Intelligence, shall  
11 conduct evaluations of the supply chain  
12 vulnerabilities of each covered program.

13 (2) *PLAN.*—

14 (A) *DEVELOPMENT.*—The Secretary shall  
15 develop a plan to carry out the evaluations  
16 under paragraph (1), including with respect to  
17 the personnel and resources required to carry out  
18 such evaluations.

19 (B) *BRIEFING.*—Not later than 180 days  
20 after the date of the enactment of this Act, the  
21 Secretary shall provide to the Committees on  
22 Armed Services of the House of Representatives  
23 and the Senate, and to any other appropriate  
24 congressional committee upon request, a briefing  
25 on the plan under subparagraph (A).

1           (3) *WAIVER.*—*The Secretary may waive, on a*  
2           *case-by-case basis with respect to a covered program,*  
3           *either the requirement to conduct an evaluation under*  
4           *paragraph (1) or the deadline specified in such para-*  
5           *graph if the Secretary certifies to the congressional*  
6           *defense committees before such date that all known*  
7           *supply chain vulnerabilities of such covered program*  
8           *have minimal consequences for the capability of such*  
9           *covered program to meet operational requirements or*  
10          *otherwise satisfy mission requirements.*

11          (4) *RISK MITIGATION STRATEGIES.*—*In carrying*  
12          *out an evaluation under paragraph (1), the Secretary*  
13          *shall develop—*

14                (A) *strategies for mitigating the risks of*  
15                *supply chain vulnerabilities identified in the*  
16                *course of such evaluation; and*

17                (B) *cost estimates for such strategies.*

18          (b) *PRIORITIZATION OF CERTAIN SUPPLY CHAIN RISK*  
19          *MANAGEMENT EFFORTS.*—

20                (1) *INSTRUCTIONS.*—*Not later than 180 days*  
21                *after the date of the enactment of this Act, the Sec-*  
22                *retary shall issue a Department of Defense Instruc-*  
23                *tion, or update such an Instruction, establishing the*  
24                *prioritization of supply chain risk management pro-*  
25                *grams, including supply chain risk management*

1 *threat assessment reporting, to ensure that acquisition*  
2 *and sustainment programs relating to covered pro-*  
3 *grams receive the highest priority of such supply*  
4 *chain risk management programs and reporting.*

5 (2) *REQUIREMENTS.*—

6 (A) *ESTABLISHMENT.*—*The Secretary shall*  
7 *establish requirements to carry out supply chain*  
8 *risk management threat assessment collections*  
9 *and analyses under acquisition and sustainment*  
10 *programs relating to covered programs.*

11 (B) *BRIEFING.*—*Not later than 120 days*  
12 *after the date of the enactment of this Act, the*  
13 *Secretary shall provide to the Committees on*  
14 *Armed Services of the House of Representatives*  
15 *and the Senate, and to any other appropriate*  
16 *congressional committee upon request, a briefing*  
17 *on the requirements established under subpara-*  
18 *graph (A).*

19 (c) *DEFINITIONS.*—*In this section:*

20 (1) *The term “appropriate congressional com-*  
21 *mittees” means the following:*

22 (A) *The congressional defense committees.*

23 (B) *The Permanent Select Committee on In-*  
24 *telligence of the House of Representatives and the*  
25 *Select Committee on Intelligence of the Senate.*

1           (2) *The term “covered programs” means pro-*  
 2           *grams of the Department of Defense relating to any*  
 3           *of the following:*

4                     (A) *Protected satellite communications.*

5                     (B) *Next-generation overhead persistent in-*  
 6                     *frared systems.*

7   **SEC. 1611. REPORT ON PROTECTED SATELLITE COMMU-**  
 8                     **NICATIONS.**

9           *Not later than December 31, 2018, the Secretary of De-*  
 10          *fense shall submit to the congressional defense committees*  
 11          *a report on how each of the following programs will meet*  
 12          *the requirements for resilience, mission assurance, and the*  
 13          *nuclear command, control, and communication missions of*  
 14          *the Department of Defense:*

15                    (1) *The evolved strategic satellite program.*

16                    (2) *The protected tactical service program.*

17                    (3) *The protected tactical enterprise service pro-*  
 18                    *gram.*

19   **SEC. 1612. PLAN ON SPACE WARFIGHTING READINESS.**

20          (a) *IN GENERAL.*—*Not later than 60 days after the*  
 21          *date of the enactment of this Act, the Secretary of Defense*  
 22          *shall develop, and commence the implementation of, a plan*  
 23          *that—*

24                    (1) *identifies joint mission-essential tasks for*  
 25                    *space as a warfighting domain;*



1           (2) identifies any additional authorities, or dele-  
2           gated authorities, that would need to accompany the  
3           employment of forces to meet such mission-essential  
4           tasks;

5           (3) meets the readiness requirements for space  
6           warfighting, including with respect to equipment,  
7           training, and personnel, to meet such mission-essen-  
8           tial tasks; and

9           (4) considers the contributions by allies and  
10          partners of the United States with respect to defense  
11          space capabilities to increase burden sharing across  
12          space systems, as appropriate.

13       (b) *BRIEFING*.—Not later than 60 days after the date  
14       of the enactment of this Act, the Secretary shall provide to  
15       the Committees on Armed Services of the House of Rep-  
16       resentatives and the Senate, and to any other congressional  
17       defense committee upon request, a briefing describing the  
18       authorities identified under subsection (a)(2) that the Sec-  
19       retary determines require legislative action.

20       **SEC. 1613. STUDY ON SPACE-BASED RADIO FREQUENCY**  
21               **MAPPING.**

22       (a) *STUDY*.—The Secretary of Defense and the Direc-  
23       tor of National Intelligence shall jointly conduct a study  
24       on the capabilities of the private sector with respect to  
25       space-based radio frequency mapping and associated oper-

1 ations and services for space-based electromagnetic collec-  
 2 tions. Such study shall address the following:

3 (1) The near-term commercial market offerings  
 4 of such operations and services in the United States  
 5 and outside the United States.

6 (2) The potential benefits to the United States  
 7 provided by such operations and services.

8 (3) The potential risks to the United States posed  
 9 by such operations and services.

10 (4) The sufficiency of existing legal authorities  
 11 available to the Secretary and the Director to address  
 12 such potential risks.

13 (b) *REPORT*.—Not later than 90 days after the date  
 14 of the enactment of this Act, the Secretary and the Director  
 15 shall jointly submit to the congressional defense committees,  
 16 the Permanent Select Committee on Intelligence of the  
 17 House of Representatives, and the Select Committee on In-  
 18 telligence of the Senate a report containing the study under  
 19 subsection (a).

20 **SEC. 1614. PLAN TO PROVIDE PERSISTENT WEATHER IM-**  
 21 **AGERY FOR UNITED STATES CENTRAL COM-**  
 22 **MAND.**

23 (a) *PLAN*.—The Secretary of the Air Force shall de-  
 24 velop a plan to provide the United States Central Com-  
 25 mand with persistent weather imagery for the area of oper-

1 *ations of the Command beginning not later than January*  
 2 *1, 2026.*

3 *(b) MATTERS INCLUDED.—The plan developed under*  
 4 *subsection (a) shall include the following:*

5 *(1) A long-term method for providing the United*  
 6 *States Central Command with persistent weather im-*  
 7 *agery for the area of operations of the Command*  
 8 *that—*

9 *(A) does not rely on data provided by a for-*  
 10 *ign government; and*

11 *(B) does not include relocating legacy geo-*  
 12 *stationary operational environmental satellites.*

13 *(2) A description of the costs required to carry*  
 14 *out the plan.*

15 *(c) SUBMISSION.—Not later than March 1, 2019, the*  
 16 *Secretary shall submit to the congressional defense commit-*  
 17 *tees the plan developed under subsection (a).*

18 ***Subtitle B—Defense Intelligence***  
 19 ***and Intelligence-Related Activities***

20 ***SEC. 1621. ROLE OF UNDER SECRETARY OF DEFENSE FOR***  
 21 ***INTELLIGENCE.***

22 *Subsection (b) of section 137 of title 10, United States*  
 23 *Code, is amended to read as follows:*

1       “(b) *Subject to the authority, direction, and control of*  
2 *the Secretary of Defense, the Under Secretary of Defense*  
3 *for Intelligence shall—*

4               “(1) *have responsibility for the overall direction*  
5 *and supervision for policy, program planning and*  
6 *execution, and use of resources, for the activities of the*  
7 *Department of Defense that are part of the Military*  
8 *Intelligence Program;*

9               “(2) *execute the functions for the National Intel-*  
10 *ligence Program of the Department of Defense under*  
11 *section 105 of the National Security Act of 1947 (50*  
12 *U.S.C. 3038), as delegated by the Secretary of De-*  
13 *fense;*

14               “(3) *have responsibility for the overall direction*  
15 *and supervision for policy, program planning and*  
16 *execution, and use of resources, for the information se-*  
17 *curity, personnel security, physical security, and in-*  
18 *dustrial security related activities of the Department*  
19 *of Defense; and*

20               “(4) *perform such duties and exercise such pow-*  
21 *ers as the Secretary of Defense may prescribe in the*  
22 *area of intelligence.”.*

1 **SEC. 1622. SECURITY CLEARANCE FOR DUAL NATIONALS.**

2       (a) *IN GENERAL.*—Chapter 80 of title 10, United  
3 States Code, is amended by inserting after section 1564a  
4 the following new section:

5 **“§ 1564b. Security clearance for dual nationals**

6       “(a) *ADDITIONAL REVIEW.*—(1) *In the case of an indi-*  
7 *vidual described in paragraph (3), the Secretary of Defense*  
8 *shall develop a process to review foreign preference in ac-*  
9 *cordance with the adjudicative guidelines under part 147*  
10 *of title 32, Code of Federal Regulations, or such successor*  
11 *regulation, before approving a security clearance for such*  
12 *individual.*

13       “(2) *The Secretary shall designate an official of the*  
14 *Department of Defense to be responsible for adjudicating*  
15 *any derogatory information of an individual described in*  
16 *paragraph (3) concerning foreign preference that is discov-*  
17 *ered after the security clearance of the individual is ap-*  
18 *proved.*

19       “(3) *An individual described in this paragraph is an*  
20 *individual who is—*

21               “(A) *a national of the United States (as such*  
22 *term is defined in section 101 of the Immigration and*  
23 *Nationality Act (8 U.S.C. 1101)) and also a national*  
24 *of a foreign state; and*

25               “(B) *either—*

1                   “(i) a civilian employee or contractor who  
2                   requires access to classified information; or

3                   “(ii) a member of the armed forces who re-  
4                   quires access to classified information.

5           “(b) WAIVER.—(1) In the case of an individual who  
6 is a national of the United States and also a national of  
7 a foreign state identified under paragraph (2), the Sec-  
8 retary may waive the requirement under subsection (a).

9           “(2) The Director of National Intelligence shall iden-  
10 tify foreign states that authorize citizens or nationals of the  
11 United States to serve in positions of trust equivalent to  
12 positions in the United States Government that require ac-  
13 cess to classified information.”.

14           (b) CLERICAL AMENDMENT.—The table of sections at  
15 the beginning of such chapter is amended by inserting after  
16 the item relating to section 1564a the following new item:

“1564b. Security clearance for dual nationals.”.

17           (c) BRIEFING.—

18                   (1) IN GENERAL.—Not later than 180 days after  
19 the date of the enactment of this Act, the Secretary of  
20 Defense shall provide to the Committees on Armed  
21 Services of the House of Representatives and the Sen-  
22 ate, and to any other appropriate congressional com-  
23 mittee upon request, a briefing on—

1           (A) the process developed under paragraph  
 2           (1) of section 1564b(a) of title 10, United States  
 3           Code, as added by subsection (a); and

4           (B) the official designated under paragraph  
 5           (2) of such section 1564b(a).

6           (2) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
 7           *DEFINED.*—In this subsection, the term “appropriate  
 8           congressional committees” means the following:

9           (A) *The Committees on Armed Services of*  
 10           *the House of Representatives and the Senate.*

11           (B) *The Permanent Select Committee on In-*  
 12           *telligence of the House of Representatives and the*  
 13           *Select Committee on Intelligence of the Senate.*

14 **SEC. 1623. DEPARTMENT OF DEFENSE COUNTERINTEL-**  
 15 **LIGENCE POLYGRAPH PROGRAM.**

16           (a) *ADDITION OF DUAL-NATIONALS.*—Subsection (b) of  
 17           section 1564a of title 10, United States Code, is amended  
 18           to read as follows:

19           “(b) *PERSONS COVERED.*—Except as provided in sub-  
 20           section (d), the following persons are subject to this section:

21           “(1) *With respect to persons whose duties are de-*  
 22           *scribed in subsection (c)—*

23           “(A) *military and civilian personnel of the*  
 24           *Department of Defense;*

25           “(B) *personnel of defense contractors;*

1           “(C) *persons assigned or detailed to the De-*  
2           *partment of Defense; and*

3           “(D) *applicants for a position in the De-*  
4           *partment of Defense.*

5           “(2) *A person who is—*

6           “(A) *a national of the United States (as*  
7           *such term is defined in section 101 of the Immi-*  
8           *gration and Nationality Act (8 U.S.C. 1101))*  
9           *and also a national of a foreign state; and*

10          “(B) *either—*

11               “(i) *a civilian employee or contractor*  
12               *who requires access to classified informa-*  
13               *tion; or*

14               “(ii) *a member of the armed forces who*  
15               *requires access to classified information.”.*

16          (b) *STANDARDS FOR DUAL-NATIONALS.—Subsection*  
17          *(e)(2) of such section is amended by adding at the end the*  
18          *following new subparagraph:*

19               “(D) *With respect to persons described in sub-*  
20               *section (b)(2), to assist in assessing foreign preference*  
21               *or foreign influence risks, as described in part 147 of*  
22               *title 32, Code of Federal Regulation, or such successor*  
23               *regulations.”.*

24          (c) *CONFORMING AMENDMENTS.—Such section is fur-*  
25          *ther amended—*



1           (1) *in subsection (c), by striking “in subsection*  
 2           *(b)” and inserting “in subsection (b)(1)”*; and

3           (2) *in subsection (e)(2)(A), by striking “in sub-*  
 4           *sections (b)” and inserting “in subsections (b)(1)”*.

5 **SEC. 1624. DEFENSE INTELLIGENCE BUSINESS MANAGE-**  
 6           **MENT SYSTEMS.**

7           (a) *STANDARDIZED BUSINESS PROCESS RULES.—*

8                 (1) *DEVELOPMENT.—Not later than October 1,*  
 9                 *2020, the Chief Management Officer of the Depart-*  
 10                *ment of Defense, in coordination with the Under Sec-*  
 11                *retary of Defense (Comptroller) and the Under Sec-*  
 12                *retary of Defense for Intelligence, shall develop and*  
 13                *implement standardized business process rules for the*  
 14                *planning, programming, budgeting, and execution*  
 15                *process for the Military Intelligence Program.*

16               (2) *TREATMENT OF DATA.—The Chief Manage-*  
 17                *ment Officer shall develop the standardized business*  
 18                *process rules under paragraph (1) in accordance with*  
 19                *section 911 of the National Defense Authorization Act*  
 20                *for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
 21                *1519; 10 U.S.C. 2222 note) and section 2222(e)(6) of*  
 22                *title 10, United States Code.*

23               (3) *USE OF EXISTING SYSTEMS.—In developing*  
 24                *the standardized business process rules under para-*  
 25                *graph (1), to the extent practicable, the Chief Manage-*

1        *ment Officer shall use enterprise business systems of*  
2        *the Department of Defense in existence as of the date*  
3        *of the enactment of this Act.*

4            (4) *REPORT.—Not later than March 1, 2019, the*  
5        *Chief Management Officer of the Department of De-*  
6        *fense, the Under Secretary of Defense (Comptroller),*  
7        *and the Under Secretary of Defense for Intelligence*  
8        *shall jointly submit to the appropriate congressional*  
9        *committees a report containing a plan to develop the*  
10       *standardized business process rules under paragraph*  
11       *(1).*

12           (5) *APPROPRIATE CONGRESSIONAL COMMIT-*  
13        *TEES.—In this subsection, the term “appropriate con-*  
14        *gressional committees” means the following:*

15                    (A) *The congressional defense committees.*

16                    (B) *The Permanent Select Committee on In-*  
17        *telligence of the House of Representatives and the*  
18        *Select Committee on Intelligence of the Senate.*

19        (b) *PROGRAM ELEMENTS.—*

20            (1) *IN GENERAL.—Chapter 9 of title 10, United*  
21        *States Code, is amended by adding at the end the fol-*  
22        *lowing new section:*

1 **“§ 239b. Certain intelligence-related programs: budget**  
 2 **justification materials**

3 “(a) *PROHIBITION ON USE OF PROGRAM ELE-*  
 4 *MENTS.*—*In the budget justification materials submitted to*  
 5 *Congress in support of the Department of Defense budget*  
 6 *for fiscal year 2021 and each fiscal year thereafter (as sub-*  
 7 *mitted with the budget of the President under section*  
 8 *1105(a) of title 31), the Secretary of Defense may not in-*  
 9 *clude in any single program element both funds made avail-*  
 10 *able under the Military Intelligence Program and funds*  
 11 *made available outside of the Military Intelligence Pro-*  
 12 *gram.*

13 “(b) *DEFINITIONS.*—*In this section:*

14 “(1) *The term ‘budget’ has the meaning given*  
 15 *that term in section 231(f) of this title.*

16 “(2) *The term ‘defense budget materials’ has the*  
 17 *meaning given that term in section 231(f) of this*  
 18 *title.”.*

19 (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 20 *tions at the beginning of such chapter is amended by*  
 21 *inserting after the item relating to section 239a the*  
 22 *following new item:*

“239b. *Certain intelligence-related programs: budget justification materials*”.

1 **SEC. 1625. MODIFICATION TO ANNUAL BRIEFING ON THE**  
2 **INTELLIGENCE, SURVEILLANCE, AND RECON-**  
3 **NAISSANCE REQUIREMENTS OF THE COMBAT-**  
4 **ANT COMMANDS.**

5 (a) *IN GENERAL.*—Section 1626 of the Carl Levin and  
6 Howard P. “Buck” McKeon National Defense Authoriza-  
7 tion Act for Fiscal Year 2015 (Public Law 113–291; 128  
8 Stat. 3635), as amended by section 1624 of the National  
9 Defense Authorization Act for Fiscal Year 2018 (Public  
10 Law 115–91; 131 Stat. 1732), is further amended—

11 (1) in the matter preceding paragraph (1), by  
12 striking “2020” and inserting “2025”; and

13 (2) in paragraph (1)—

14 (A) in subparagraph (B), by striking “;  
15 and” and inserting a semicolon; and

16 (B) by adding at the end the following new  
17 subparagraph:

18 “(D) for the year preceding the year in which  
19 the briefing is provided—

20 “(i) the number of hours or amount of ca-  
21 pacity of intelligence, surveillance, and recon-  
22 naissance requested by each commander of a  
23 combatant command, by specific intelligence ca-  
24 pability type;

25 “(ii) the number of such requests identified  
26 under clause (i) that the Joint Chiefs of Staff de-

1        *terminated to be a validated requirement, includ-*  
2        *ing the number of hours or amount of capacity*  
3        *of such requests that were provided to each such*  
4        *commander; and*

5            *“(iii) with respect to such validated require-*  
6        *ments, the number of hours or amount of capac-*  
7        *ity of intelligence, surveillance, and reconnais-*  
8        *sance, by specific intelligence capability type,*  
9        *that the Joint Chiefs of Staff requested each mili-*  
10       *tary department to provide, and the number of*  
11       *such hours or the amount of such capacity so*  
12       *provided by each such military department;*  
13       *and”.*

14       (b) *CODIFICATION.*—*Such section 1626, as amended by*  
15       *subsection (a), is—*

16            (1) *transferred to chapter 21 of title 10, United*  
17       *States Code; and*

18            (2) *redesignated as subsection (c) of section 426*  
19       *of such title.*

20       **SEC. 1626. PROHIBITION ON THE AVAILABILITY OF FUNDS**  
21                            **FOR DEPARTMENT OF DEFENSE ASSUMING**  
22                            **BACKGROUND INVESTIGATION MISSION FOR**  
23                            **THE FEDERAL GOVERNMENT.**

24       *None of the funds authorized to be appropriated by this*  
25       *Act or otherwise made available for fiscal year 2019 for the*

1 *Department of Defense may be obligated or expended during*  
 2 *the period beginning on the date of the enactment of this*  
 3 *Act and ending on December 31, 2019, to transfer to the*  
 4 *Department the background investigation mission for all*  
 5 *agencies or departments of the Federal Government using*  
 6 *the National Background Investigation Bureau for inves-*  
 7 *tigative services as of April 1, 2018.*

8       ***Subtitle C—Cyberspace-Related***  
 9                       ***Matters***

10 ***SEC. 1631. AMENDMENTS TO PILOT PROGRAM REGARDING***  
 11                       ***CYBER VULNERABILITIES OF DEPARTMENT***  
 12                       ***OF DEFENSE CRITICAL INFRASTRUCTURE.***

13       *Subsection (b) of section 1650 of the National Defense*  
 14 *Authorization Act for Fiscal Year 2017 (10 U.S.C. 2224*  
 15 *note) is amended—*

16               *(1) in paragraph (1), in the matter preceding*  
 17               *subparagraph (A), by inserting “and the Defense Dig-*  
 18               *ital Service” after “covered research laboratory”;*

19               *(2) in paragraph (4), in the matter preceding*  
 20               *subparagraph (A), by striking “2019” and inserting*  
 21               *“2020”; and*

22               *(3) in paragraph (5), by striking “2019” and in-*  
 23               *serting “2020”.*

1 **SEC. 1632. BUDGET DISPLAY FOR CYBER VULNERABILITY**  
2 **EVALUATIONS AND MITIGATION ACTIVITIES**  
3 **FOR MAJOR WEAPON SYSTEMS OF THE DE-**  
4 **PARTMENT OF DEFENSE.**

5 (a) *BUDGET REQUIRED.*—Beginning in fiscal year  
6 2021 and in each fiscal year thereafter, the Secretary of  
7 Defense shall submit to Congress, as a part of the docu-  
8 mentation that supports the President’s annual budget for  
9 the Department of Defense, a consolidated Cyber Vulner-  
10 ability Evaluation and Mitigation budget justification dis-  
11 play for each major weapons system of the Department of  
12 Defense that includes the following:

13 (1) *CYBER VULNERABILITY EVALUATIONS.*—

14 (A) *STATUS.*—Whether, in accordance with  
15 paragraph (1) of section 1647(a) of the National  
16 Defense Authorization Act for Fiscal Year 2016  
17 (Public Law 114–92; 129 Stat. 1118), the cyber  
18 vulnerability evaluation for each such major  
19 weapon system is pending, in progress, complete,  
20 or, pursuant to paragraph (2) of such section,  
21 waived.

22 (B) *FUNDING.*—The funding required for  
23 the fiscal year with respect to which the budget  
24 is submitted and for at least the four succeeding  
25 fiscal years required to complete the pending or

1        *in progress cyber vulnerability evaluation of*  
2        *each such major weapon system.*

3                (C) *DESCRIPTION.*—*A description of the ac-*  
4        *tivities planned in the fiscal year with respect to*  
5        *which the budget is submitted and at least the*  
6        *four succeeding fiscal years to complete the re-*  
7        *quired evaluation for each such major weapon*  
8        *system.*

9                (D) *RISK ANALYSIS.*—*A description of oper-*  
10       *ational or security risks associated with cyber*  
11       *vulnerabilities identified as a result of such cyber*  
12       *vulnerability evaluations that require mitiga-*  
13       *tion.*

14        (2) *MITIGATION ACTIVITIES.*—

15                (A) *STATUS.*—*Whether activities to address*  
16       *identified cyber vulnerabilities of such major*  
17       *weapon systems resulting in operational or secu-*  
18       *rity risks requiring mitigation are pending, in*  
19       *progress, or complete.*

20                (B) *FUNDING.*—*The funding required for*  
21       *the fiscal year with respect to which the budget*  
22       *is submitted and for at least the four succeeding*  
23       *fiscal years required to complete the pending or*  
24       *in progress mitigation activities referred to in*



1           subparagraph (A) related to such major weapon  
2           systems.

3           (C) *DESCRIPTION.*—A description of the ac-  
4           tivities planned in the fiscal year with respect to  
5           which the budget is submitted and at least the  
6           four succeeding fiscal years to complete any nec-  
7           essary mitigation.

8           (b) *FORM.*—The display required under subsection (a)  
9           shall be submitted in an unclassified form, but may include  
10          a classified annex if necessary.

11   **SEC. 1633. TRANSFER OF RESPONSIBILITY FOR THE DE-**  
12                   **PARTMENT OF DEFENSE INFORMATION NET-**  
13                   **WORK TO UNITED STATES CYBER COMMAND.**

14          (a) *IN GENERAL.*—Not later than September 30, 2019,  
15          the Secretary of Defense shall transfer all roles, missions,  
16          and responsibilities of the Commander, Joint Force Head-  
17          quarters—Department of Defense Information Networks  
18          (JFHQ—DODIN) from the Defense Information Support  
19          Agency to the Commander, United States Cyber Command.

20          (b) *CERTIFICATION REQUIRED.*—Prior to the transfer  
21          required under subsection (a), the Secretary of Defense shall  
22          certify in writing to the congressional defense committees  
23          that such transfer shall not result in mission degradation.

1 **SEC. 1634. PILOT PROGRAM AUTHORITY TO ENHANCE CY-**  
2 **BERSECURITY AND RESILIENCY OF CRITICAL**  
3 **INFRASTRUCTURE.**

4 (a) *AUTHORITY.*—*The Secretary of Defense, in coordi-*  
5 *nation with the Secretary of Homeland Security, is author-*  
6 *ized to provide, detail, or assign technical personnel to the*  
7 *Department of Homeland Security on a non-reimbursable*  
8 *basis to enhance cybersecurity cooperation, collaboration,*  
9 *and unity of Government efforts.*

10 (b) *SCOPE OF ASSISTANCE.*—*The authority under sub-*  
11 *section (a) shall be limited in any fiscal year to the provi-*  
12 *sion of not more than 50 technical cybersecurity personnel*  
13 *from the Department of Defense to the Department of*  
14 *Homeland Security, including the national cybersecurity*  
15 *and communications integration center (NCCIC) of the De-*  
16 *partment, or other locations as agreed upon by the Sec-*  
17 *retary of Defense and the Secretary of Homeland Security.*

18 (c) *LIMITATION.*—*The authority under subsection (a)*  
19 *may not negatively impact the primary missions of the De-*  
20 *partment of Defense or the Department of Homeland Secu-*  
21 *rity.*

22 (d) *ESTABLISHMENT OF PROCEDURES.*—

23 (1) *IN GENERAL.*—*The Secretary of Defense and*  
24 *the Secretary of Homeland Security shall establish*  
25 *procedures to carry out subsection (a), including pro-*  
26 *cedures relating to the protection of and safeguards*

1       *for maintenance of information held by the NCCIC*  
2       *regarding United States persons.*

3           (2) *LIMITATION.*—*Nothing in this subsection*  
4       *may be construed as providing authority to the Sec-*  
5       *retary of Defense to establish procedures regarding the*  
6       *NCCIC with respect to any matter outside the scope*  
7       *of this section.*

8           (e) *NO EFFECT ON OTHER AUTHORITY TO PROVIDE*  
9       *SUPPORT.*—*Nothing in this section may be construed to*  
10      *limit the authority of an Executive department, military*  
11      *department, or independent establishment to provide any*  
12      *appropriate support, including cybersecurity support, or to*  
13      *provide, detail, or assign personnel, under any other law,*  
14      *rule, or regulation.*

15          (f) *DEFINITIONS.*—*In this section, each of the terms*  
16      *“Executive department”, “military department”, and*  
17      *“independent establishment”, has the meaning given each*  
18      *of such terms, respectively, in chapter 1 of title 5, United*  
19      *States Code.*

20          (g) *TERMINATION OF AUTHORITY.*—*This section shall*  
21      *terminate on September 30, 2022.*

1 **SEC. 1635. PILOT PROGRAM ON REGIONAL CYBER SECURITY**  
2 **TRAINING CENTER FOR THE ARMY NATIONAL**  
3 **GUARD.**

4 (a) *PILOT PROGRAM.*—*The Secretary of the Army may*  
5 *carry out a pilot program under which the Secretary estab-*  
6 *lishes a National Guard training center to provide collabo-*  
7 *rative interagency education and training for members of*  
8 *the Army National Guard.*

9 (b) *DURATION.*—*If the Secretary carries out the pilot*  
10 *program under subsection (a), the Secretary shall carry out*  
11 *the pilot program for a two-year period.*

12 (c) *CENTER.*—

13 (1) *TRAINING AND COOPERATION.*—*In carrying*  
14 *out the pilot program under subsection (a), the Sec-*  
15 *retary shall ensure that the training center established*  
16 *under such subsection—*

17 (A) *educates and trains members of the*  
18 *Army National Guard quickly and efficiently by*  
19 *concurrently training cyber protection teams and*  
20 *cyber network defense teams on a common stand-*  
21 *ard in order to defend—*

22 (i) *the information network of the De-*  
23 *partment of Defense in a State environ-*  
24 *ment;*

1                   (ii) while acting under title 10, United  
2                   States Code, the information networks of  
3                   State governments; and

4                   (iii) critical infrastructure;

5                   (B) fosters interagency cooperation by—

6                   (i) co-locating members of the Army  
7                   National Guard with personnel of depart-  
8                   ments and agencies of the Federal Govern-  
9                   ment and State governments; and

10                  (ii) providing an environment to de-  
11                  velop interagency relationship to coordinate  
12                  responses and recovery efforts during and  
13                  following a cyber attack;

14                  (C) collaborates with academic institutions  
15                  to develop and implement curriculum for inter-  
16                  agency education and training within the class-  
17                  room; and

18                  (D) coordinates with the Persistent Cyber  
19                  Training Environment of the Army Cyber Com-  
20                  mand in devising and implementing interagency  
21                  education and training using physical and in-  
22                  formation technology infrastructure.

23                  (2) LOCATIONS.—If the Secretary carries out the  
24                  pilot program under subsection (a), the Secretary  
25                  shall select one National Guard facility at which to

1       *carry out the pilot program. The Secretary shall select*  
2       *a facility that is located in an area that meets the fol-*  
3       *lowing criteria:*

4               *(A) The location has a need for cyber train-*  
5               *ing, as measured by both the number of members*  
6               *of the Army National Guard that would apply*  
7               *for such training and the number of units of the*  
8               *Army National Guard that verify the unit would*  
9               *apply for such training.*

10              *(B) The location has high capacity informa-*  
11              *tion and telecommunications infrastructure, in-*  
12              *cluding high speed fiber optic networks.*

13              *(C) The location has personnel, technology,*  
14              *laboratories, and facilities to support proposed*  
15              *activities and has the opportunity for ongoing*  
16              *training, education, and research.*

17       *(d) ACTIVITIES.—If the Secretary carries out the pilot*  
18       *program under subsection (a), the Secretary shall ensure*  
19       *that the pilot program includes the following activities:*

20              *(1) Providing joint education and training and*  
21              *accelerating training certifications for working in a*  
22              *cyber range.*

23              *(2) Integrating education and training between*  
24              *the National Guard, law enforcement, and emergency*  
25              *medical and fire first responders.*

1           (3) *Providing a program to continuously train*  
 2           *the cyber network defense teams to not only defend the*  
 3           *information network of the Department of Defense,*  
 4           *but to also provide education and training on how to*  
 5           *use defense capabilities of the team in a State envi-*  
 6           *ronment.*

7           (4) *Developing curriculum and educating the*  
 8           *National Guard on the different missions carried out*  
 9           *under titles 10 and 32, United States Code, in order*  
 10          *to enhance interagency coordination and create a*  
 11          *common operating picture.*

12   **SEC. 1636. PROCEDURES AND REPORTING REQUIREMENT**  
 13                           **ON CYBERSECURITY BREACHES AND LOSS OF**  
 14                           **PERSONALLY IDENTIFIABLE INFORMATION.**

15          (a) *IN GENERAL.*—*In the event of a significant loss*  
 16          *of personally identifiable information of civilian or uni-*  
 17          *formed members of the Armed Forces, the Secretary of De-*  
 18          *fense shall promptly submit to the congressional defense*  
 19          *committees notice in writing of such loss. Such notice may*  
 20          *be submitted in classified or unclassified formats.*

21          (b) *PROCEDURES.*—*Not later than 180 days after the*  
 22          *date of the enactment of this Act, the Secretary of Defense*  
 23          *shall establish and submit to the congressional defense com-*  
 24          *mittees procedures for complying with the requirements of*  
 25          *subsection (a). Such procedures shall be consistent with the*

1 *national security of the United States, the protection of*  
 2 *operational integrity, and the protection of personally iden-*  
 3 *tifiable information of civilian and uniformed members of*  
 4 *the Armed Forces.*

5       (c) **SIGNIFICANT LOSS OF PERSONALLY IDENTIFIABLE**  
 6 **INFORMATION DEFINED.**—*In this section, the term “signifi-*  
 7 *cant loss of personally identifiable information” means an*  
 8 *intentional, accidental, or otherwise known disclosure of in-*  
 9 *formation that can be used to distinguish or trace an indi-*  
 10 *vidual’s identity, such as the name, Social Security num-*  
 11 *ber, date and place of birth, biometric records, home or other*  
 12 *phone numbers, or other demographic, personnel, medical,*  
 13 *or financial information, involving 250 or more civilian*  
 14 *or uniformed members of the Armed Forces.*

15 **SEC. 1637. CYBER INSTITUTES AT THE SENIOR MILITARY**  
 16 **COLLEGES.**

17       (a) **PROGRAM AUTHORIZED.**—*The Secretary of De-*  
 18 *fense may carry out a program to establish a cyber institute*  
 19 *at each of the senior military colleges (referred to in this*  
 20 *section as an “SMC Cyber Institute”) for purposes of accel-*  
 21 *erating and focusing the development of foundational exper-*  
 22 *tise in critical cyber operational skills for future military*  
 23 *and civilian leaders of the Armed Forces and Department*  
 24 *of Defense, including such leaders of the reserve components.*



1       (b) *ELEMENTS.*—Each SMC Cyber Institute estab-  
2       lished under subsection (a) shall include the following:

3               (1) *Programs to provide future military and ci-*  
4       *vilian leaders of the Armed Forces or the Department*  
5       *of Defense who possess cyber operational expertise*  
6       *from beginning through advanced skill levels with in-*  
7       *struction and practical experiences that lead to recog-*  
8       *nized certifications and degrees in cyber-related fields.*

9               (2) *Programs of targeted strategic foreign lan-*  
10       *guage proficiency training for such future leaders*  
11       *that—*

12                       (A) *are designed to significantly enhance*  
13       *critical cyber operational capabilities; and*

14                       (B) *are tailored to current and anticipated*  
15       *readiness requirements.*

16               (3) *Programs related to mathematical founda-*  
17       *tions of cryptography and courses in cryptographic*  
18       *theory and practice designed to complement and rein-*  
19       *force cyber education along with the strategic foreign*  
20       *language programs critical to cyber operations.*

21               (4) *Programs related to data science and courses*  
22       *in data science theory and practice designed to com-*  
23       *plement and reinforce cyber education along with the*  
24       *strategic foreign language programs critical to cyber*  
25       *operations.*

1           (5) *Programs designed to develop early interest*  
2           *and cyber talent through summer programs for ele-*  
3           *mentary and secondary school students and dual en-*  
4           *rollment opportunities for cyber, strategic foreign lan-*  
5           *guage, data science, and cryptography related courses.*

6           (6) *Training and education programs to expand*  
7           *the pool of qualified instructors necessary to support*  
8           *cyber education in regional school systems.*

9           (c) *PARTNERSHIPS WITH DEPARTMENT OF DEFENSE*  
10          *AND THE ARMED FORCES.—A SMC Cyber Institute estab-*  
11          *lished under subsection (a) may enter into a partnership*  
12          *with one or more components of the Armed Forces (active*  
13          *or reserve) or any agency of the Department of Defense to*  
14          *facilitate the development of critical cyber skills for students*  
15          *who may pursue a career with the Department of Defense.*

16          (d) *PARTNERSHIPS WITH OTHER SCHOOLS.—A SMC*  
17          *Cyber Institute established under subsection (a) may enter*  
18          *into a partnership with one or more local educational agen-*  
19          *cies to carry out the requirements of this section.*

20          (e) *SENIOR MILITARY COLLEGES DEFINED.—In this*  
21          *section, the term “senior military colleges” means the senior*  
22          *military colleges described in section 2111a(f) of title 10,*  
23          *United States Code.*

1 **SEC. 1638. STUDY AND REPORT ON RESERVE COMPONENT**  
2 **CYBER CIVIL SUPPORT TEAMS.**

3 (a) *STUDY REQUIRED.*—*The Secretaries concerned*  
4 *shall conduct a study on the feasibility, advisability, and*  
5 *necessity of the establishment of reserve component cyber*  
6 *civil support teams for each State.*

7 (b) *ELEMENTS.*—*The study under subsection (a) shall*  
8 *include the following:*

9 (1) *An examination of the potential ability of*  
10 *the teams referred to in such subsection to respond to*  
11 *an attack, natural disaster, or other large-scale inci-*  
12 *dent affecting computer networks, electronics, or cyber*  
13 *capabilities.*

14 (2) *An analysis of State and local civilian and*  
15 *private sector cyber response capabilities and services,*  
16 *including an identification of any gaps in such capa-*  
17 *bilities and services.*

18 (3) *An identification of the potential role of such*  
19 *teams with respect to the principles and processes set*  
20 *forth in—*

21 (A) *Presidential Policy Directive 20*  
22 *(United States Cyber Operations Policy);*

23 (B) *Presidential Policy Directive 21 (Crit-*  
24 *ical Infrastructure Security and Resilience); and*

25 (C) *Presidential Policy Directive 41*  
26 *(United States Cyber Incident Coordination).*

1           (4) *An explanation of how such teams may*  
2           *interact with other organizations and elements of the*  
3           *Federal Government that have responsibilities under*  
4           *the Presidential Policy Directives referred to in para-*  
5           *graph (3).*

6           (5) *The amount of funding and other resources*  
7           *that may be required by the Department of Defense*  
8           *to organize, train, and equip such teams.*

9           (6) *An explanation of how the establishment of*  
10          *such teams may affect the ability of the Department*  
11          *of Defense—*

12                (A) *to organize, train, equip, and employ*  
13                *the Cyber Mission Force, and other organic cyber*  
14                *forces; and*

15                (B) *to perform national defense missions*  
16                *and defense support to civil authorities for cyber*  
17                *incident response.*

18          (7) *An explanation of how the establishment of*  
19          *such teams may affect the ability of the Department*  
20          *of Homeland Security—*

21                (A) *to organize, train, equip, and employ*  
22                *cyber incident response teams; and*

23                (B) *to perform civilian cyber response mis-*  
24                *sions.*

1           (8) *Any effects on the privacy and civil liberties*  
2           *of United States persons that may result from the es-*  
3           *tablishment of such teams.*

4           (9) *Any other considerations determined to be*  
5           *relevant by the Secretaries concerned.*

6           (c) *REPORT REQUIRED.—Not later than 180 days*  
7           *after the date of the enactment of this Act, the Secretaries*  
8           *concerned shall submit to the appropriate congressional*  
9           *committees a report that includes—*

10           (1) *the results of the study conducted under sub-*  
11           *section (a), including an explanation of each element*  
12           *described in subsection (b);*

13           (2) *the final determination of the Secretaries*  
14           *with respect to the feasibility, advisability, and neces-*  
15           *sity of establishing reserve component cyber civil sup-*  
16           *port teams for each State; and*

17           (3) *if such final determination is in the affirma-*  
18           *tive, proposed legislation for the establishment of the*  
19           *teams, which may include proposed legislation to*  
20           *amend section 12310 of title 10, United States Code.*

21           (d) *DEFINITIONS.—In this section:*

22           (1) *The term “appropriate congressional com-*  
23           *mittees” means—*

24                   (A) *the congressional defense committees;*

1                   (B) the Committee on Homeland Security of  
2                   the House of Representatives; and

3                   (C) the Committee on Homeland Security  
4                   and Governmental Affairs of the Senate.

5                   (2) The term “reserve component cyber civil sup-  
6                   port team” means a team that—

7                   (A) is comprised of members of the reserve  
8                   components;

9                   (B) is organized, trained, equipped, and  
10                  sustained by the Department of Defense for the  
11                  purpose of assisting State authorities in pre-  
12                  paring for and responding to cyber incidents,  
13                  cyber emergencies, and cyber attacks; and

14                  (C) operates principally under the com-  
15                  mand and control of the Chief Executive of the  
16                  State in which the team is located.

17                  (3) The term “Secretaries concerned” means the  
18                  Secretary of Defense and the Secretary of Homeland  
19                  Security acting jointly.

20                  (4) The term “State” means each of the several  
21                  States, the District of Columbia, the Commonwealth  
22                  of Puerto Rico, and the United States Virgin Islands.

1           ***Subtitle D—Nuclear Forces***

2   ***SEC. 1641. UNDER SECRETARY OF DEFENSE FOR RESEARCH***  
3                   ***AND ENGINEERING AND THE NUCLEAR WEAP-***  
4                   ***ONS COUNCIL.***

5       *Section 179(a) of title 10, United States Code, is*  
6 *amended—*

7           *(1) in paragraph (1), by striking “, Technology,*  
8 *and Logistics” and inserting “and Sustainment”;*

9           *(2) by redesignating paragraphs (4) and (5) as*  
10 *paragraphs (5) and (6), respectively; and*

11           *(3) by inserting after paragraph (3) the fol-*  
12 *lowing new paragraph (4):*

13           *“(4) The Under Secretary of Defense for Re-*  
14 *search and Engineering.”.*

15 ***SEC. 1642. LONG-RANGE STANDOFF WEAPON REQUIRE-***  
16 ***MENTS.***

17       *Subparagraphs (A) and (B) of section 217(a)(1) of the*  
18 *National Defense Authorization Act for Fiscal Year 2014*  
19 *(Public Law 113–66; 127 Stat. 706) are amended to read*  
20 *as follows:*

21           *“(A) achieves initial operating capability*  
22 *for nuclear missions prior to the retirement of*  
23 *the nuclear-armed AGM–86;*

24           *“(B) achieves initial operating capability*  
25 *for conventional missions by not later than four*

1           years after the date of the achievement under  
2           subparagraph (A); and”.

3   **SEC. 1643. ACCELERATION OF GROUND-BASED STRATEGIC**  
4                   **DETERRENT PROGRAM AND LONG-RANGE**  
5                   **STANDOFF WEAPON PROGRAM.**

6           (a) *PLAN FOR ACCELERATION OF PROGRAMS.*—Con-  
7   sistent with validated military requirements and in accord-  
8   ance with applicable provisions of Federal law regarding  
9   acquisition, the Under Secretary of Defense for Acquisition  
10  and Sustainment, in consultation with the Secretary of the  
11  Air Force, shall develop and implement—

12           (1) a plan to accelerate the development, pro-  
13   curement, and fielding of the ground-based strategic  
14   deterrent program; and

15           (2) a plan to accelerate the development, pro-  
16   curement, and fielding of the long-range standoff  
17   weapon.

18           (b) *CRITERIA.*—The plans developed under subsection  
19  (a) shall meet the following criteria:

20           (1) With respect to the plan developed under  
21   paragraph (1) of such subsection, the plan shall en-  
22   sure that the ground-based strategic deterrent pro-  
23   gram includes the recapitalization of the full inter-  
24   continental ballistic missile weapon system for 400  
25   deployed missiles and associated spares and 450



1        *launch facilities, without phasing or splitting the pro-*  
2        *gram, including with respect to the missile flight sys-*  
3        *tem, ground-based infrastructure and equipment, ap-*  
4        *propriate command and control elements.*

5            *(2) The plans shall include a comprehensive as-*  
6        *essment of the benefits, risks, feasibility, costs, and*  
7        *cost savings of various options for accelerating the re-*  
8        *spective program covered by the plan, including by*  
9        *considering—*

10            *(A) accelerating—*

11                    *(i) the technology maturation and risk*  
12                    *reduction phase, including through the iden-*  
13                    *tification of low and high technology readi-*  
14                    *ness levels, requirements, and timelines for*  
15                    *maturing such technology;*

16                    *(ii) the award of an engineering and*  
17                    *manufacturing development contract; and*

18                    *(iii) making the milestone B decision;*

19            *(B) transitioning full acquisition authority,*  
20        *responsibility, and accountability of the respec-*  
21        *tive program to the Secretary of the Air Force,*  
22        *including milestone decision authority;*

23            *(C) providing a general officer-level pro-*  
24        *gram executive officer a dedicated, single-pro-*  
25        *gram, long-term assignment with a tailored ac-*

1        *quisition approach, program strategy, and over-*  
2        *sight model for the respective program that em-*  
3        *powers the general officer to accelerate the pro-*  
4        *gram, make decisions, and be held accountable;*

5                *(D) streamlining, as appropriate, test and*  
6        *evaluation activities for the respective program,*  
7        *particularly for proven technologies, while ensur-*  
8        *ing high confidence in the final deployed system;*

9                *(E) leveraging agile software development*  
10       *or other innovative approaches to reduce time-*  
11       *frames for software development;*

12               *(F) identifying and proposing statutory*  
13       *changes that the Under Secretary or the Sec-*  
14       *retary of the Air Force determine could accel-*  
15       *erate the respective program;*

16               *(G) identifying accelerated goals for initial*  
17       *operational capability and full operational capa-*  
18       *bility for the respective program; and*

19               *(H) such other options as the Under Sec-*  
20       *retary or the Secretary of the Air Force consider*  
21       *appropriate.*

22        *(c) SUBMISSION.—Not later than 120 days after the*  
23       *date of the enactment of this Act, the Under Secretary, in*  
24       *consultation with the Secretary of the Air Force, shall sub-*  
25       *mit to the congressional defense committees the plans devel-*

1 oped under subsection (a), including an assessment of the  
 2 options considered and the options selected to be imple-  
 3 mented under the plans.

4 (d) *BRIEFING*.—Not later than 160 days after the date  
 5 of the enactment of this Act, the Commander of the United  
 6 States Strategic Command shall provide to the congres-  
 7 sional defense committees a briefing on the views of the  
 8 Commander with respect to the plans developed under sub-  
 9 section (a).

10 (e) *DEFINITIONS*.—In this section:

11 (1) The term “milestone B decision” has the  
 12 meaning given that term in section 2400(a) of title  
 13 10, United States Code.

14 (2) The term “milestone decision authority” has  
 15 the meaning given that term in section 2366a(d) of  
 16 title 10, United States Code.

17 **SEC. 1644. PROCUREMENT AUTHORITY FOR CERTAIN PARTS**  
 18 **OF INTERCONTINENTAL BALLISTIC MISSILE**  
 19 **FUZES.**

20 (a) *AVAILABILITY OF FUNDS*.—Notwithstanding sec-  
 21 tion 1502(a) of title 31, United States Code, of the amount  
 22 authorized to be appropriated for fiscal year 2019 by sec-  
 23 tion 101 and available for Missile Procurement, Air Force,  
 24 as specified in the funding table in division D, \$9,841,000  
 25 shall be available for the procurement of covered parts pur-

1 *suant to contracts entered into under section 1645(a) of the*  
 2 *Carl Levin and Howard P. “Buck” McKeon National De-*  
 3 *fense Authorization Act for Fiscal Year 2015 (Public Law*  
 4 *113–291; 128 Stat. 3651).*

5 (b) *COVERED PARTS DEFINED.*—*In this section, the*  
 6 *term “covered parts” means commercially available off-the-*  
 7 *shelf items as defined in section 104 of title 41, United*  
 8 *States Code.*

9 **SEC. 1645. PROHIBITION ON REDUCTION OF THE INTER-**  
 10 **CONTINENTAL BALLISTIC MISSILES OF THE**  
 11 **UNITED STATES.**

12 (a) *PROHIBITION.*—*Except as provided by subsection*  
 13 *(b), none of the funds authorized to be appropriated by this*  
 14 *Act or otherwise made available for fiscal year 2019 for the*  
 15 *Department of Defense shall be obligated or expended for—*

16 (1) *reducing, or preparing to reduce, the respon-*  
 17 *siveness or alert level of the intercontinental ballistic*  
 18 *missiles of the United States; or*

19 (2) *reducing, or preparing to reduce, the quan-*  
 20 *tity of deployed intercontinental ballistic missiles of*  
 21 *the United States to a number less than 400.*

22 (b) *EXCEPTION.*—*The prohibition in subsection (a)*  
 23 *shall not apply to any of the following activities:*

24 (1) *The maintenance or sustainment of inter-*  
 25 *continental ballistic missiles.*

1           (2) *Ensuring the safety, security, or reliability of*  
 2           *intercontinental ballistic missiles.*

3   **SEC. 1646. EXTENSION OF PROHIBITION ON AVAILABILITY**  
 4                   **OF FUNDS FOR MOBILE VARIANT OF**  
 5                   **GROUND-BASED STRATEGIC DETERRENT MIS-**  
 6                   **SILE.**

7           *Section 1664 of the National Defense Authorization*  
 8   *Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
 9   *2615), as amended by section 1663 by the National Defense*  
 10   *Authorization Act for Fiscal Year 2018 (Public Law 115–*  
 11   *91), is amended by striking “2019” and inserting “2020”.*

12   **SEC. 1647. INDEPENDENT STUDY ON NUCLEAR WEAPONS**  
 13                   **LAUNCH-UNDER-ATTACK OPTION.**

14           (a) *FINDINGS.—Congress finds the following:*

15                   (1) *Maintaining a safe, effective, and reliable*  
 16                   *nuclear arsenal and command and control system are*  
 17                   *high priorities for ensuring national security.*

18                   (2) *The current launch-under-attack option, par-*  
 19                   *ticularly for the intercontinental ballistic missile*  
 20                   *forces, could require a quick decision, on the order of*  
 21                   *minutes, on whether to use these weapons to respond*  
 22                   *to an incoming attack.*

23           (b) *INDEPENDENT STUDY.—Not later than 30 days*  
 24   *after the date of the enactment of this Act, the Secretary*  
 25   *of Defense shall seek to enter into a contract with a federally*

1 *funded research and development center to conduct a study*  
2 *on the potential benefits and risks of reducing the role of*  
3 *the launch-under-attack option with respect to planning by*  
4 *the United States relating to nuclear weapons.*

5       (c) *SELECTION.*—*The Secretary may not enter into the*  
6 *contract under subsection (b) with a federally funded re-*  
7 *search and development center for which the Air Force is*  
8 *the primary sponsor.*

9       (d) *REPORTS.*—

10           (1) *SUBMISSION TO DOD.*—*Not later than 270*  
11 *days after the date of the enactment of this Act, the*  
12 *federally funded research and development center*  
13 *shall submit to the Secretary a report containing the*  
14 *study conducted under subsection (b). Such report*  
15 *shall include the findings and recommendations of the*  
16 *center.*

17           (2) *SUBMISSION TO CONGRESS.*—*Not later than*  
18 *30 days after the date on which the Secretary receives*  
19 *the report under paragraph (1), the Secretary shall*  
20 *submit to the congressional defense committees such*  
21 *report, without change.*

22           (3) *FORM.*—*The reports under paragraphs (1)*  
23 *and (2) shall be submitted in unclassified form, but*  
24 *may include a classified annex.*

1 **SEC. 1648. EXTENSION OF ANNUAL REPORT ON THE PLAN**  
2 **FOR THE NUCLEAR WEAPONS STOCKPILE, NU-**  
3 **CLEAR WEAPONS COMPLEX, NUCLEAR WEAP-**  
4 **ONS DELIVERY SYSTEMS, AND NUCLEAR**  
5 **WEAPONS COMMAND AND CONTROL SYSTEM.**

6 *Section 1043(a)(1) of the National Defense Authoriza-*  
7 *tion Act for Fiscal Year 2012 (Public Law 112–81; 125*  
8 *Stat. 1576) is amended by striking “2019” and inserting*  
9 *“2022”.*

10 **SEC. 1649. SENSE OF CONGRESS ON NUCLEAR POSTURE OF**  
11 **THE UNITED STATES.**

12 *It is the sense of Congress that—*

13 *(1) for more than 70 years, the nuclear deterrent*  
14 *of the United States has played a central role in the*  
15 *national security of the United States and inter-*  
16 *national stability;*

17 *(2) the nuclear forces of the United States have*  
18 *and will continue to play a fundamental role in de-*  
19 *terrering aggression against the interests of the United*  
20 *States and the allies of the United States in an in-*  
21 *creasingly dangerous world;*

22 *(3) strong, credible, and flexible nuclear forces of*  
23 *the United States assure the allies of the United*  
24 *States that the extended deterrence guarantees of the*  
25 *United States are credible and that the resolve of the*  
26 *United States remains strong even in the face of nu-*

1        *clear provocations, including nuclear coercion and*  
2        *blackmail;*

3            *(4) the 2017 National Security Strategy and the*  
4        *2018 National Defense Strategy correctly assess that,*  
5        *due to increased global disorder and complexity, the*  
6        *decline of the international rules-based order and se-*  
7        *curity environment, and the erosion of the competitive*  
8        *advantages of the United States, interstate strategic*  
9        *competition must now be the primary focus of the na-*  
10       *tional security strategy of the United States;*

11           *(5) the 2018 Nuclear Posture Review aligns with*  
12       *these conclusions, and recognizes that deterrence is*  
13       *dynamic, not static, and that while the nuclear pos-*  
14       *ture and policies of the United States are under-*  
15       *pinned by enduring consistency, such posture and*  
16       *policies must also undergo measured adjustments to*  
17       *remain credible as threats evolve;*

18           *(6) the Russian Federation has elevated the role*  
19       *of nuclear weapons in its strategies, is developing and*  
20       *deploying new nuclear capabilities (including a re-*  
21       *cently announced nuclear-powered cruise missile and*  
22       *high-speed, nuclear-powered underwater drone), is*  
23       *violating many arms control agreements (including*  
24       *the INF Treaty), and has made explicit nuclear*



1        *threats against the United States and the allies of the*  
2        *United States;*

3            *(7) the United States remains committed to its*  
4        *full range of nuclear arms control and nonprolifera-*  
5        *tion obligations and seeks continued engagement for*  
6        *prudent and verifiable agreements, however, the poli-*  
7        *cies and actions of the United States must also hold*  
8        *states that violate arms control treaties accountable*  
9        *for such violations and take such violations into ac-*  
10       *count when considering further arms control agree-*  
11       *ments;*

12           *(8) the North Atlantic Treaty Organization*  
13        *(NATO) plays an essential role in the national secu-*  
14        *urity of the United States and NATO should continue*  
15        *to strengthen and align its nuclear and conventional*  
16        *deterrence posture, planning, and exercises to align*  
17        *with modern threats, including modernizing its dual-*  
18        *capable aircraft, command and control networks, nu-*  
19        *clear-related facilities, and conventional capabilities;*

20           *(9) to deter large-scale, catastrophic war with*  
21        *Russia, the People's Republic of China, and other po-*  
22        *tential adversaries, as well as reassure allies, the*  
23        *United States requires reliable, diverse, and tailorable*  
24        *nuclear forces that are able to respond to a variety of*

1        *current threats while preparing for future uncer-*  
2        *tainty;*

3            *(10) the 2018 Nuclear Posture Review reconfirms*  
4        *the value of the nuclear triad and dual-capable air-*  
5        *craft of the United States, directs the continuation of*  
6        *the comprehensive nuclear modernization program*  
7        *initiated by the previous administration, and pro-*  
8        *poses two supplemental capabilities (a lower-yield*  
9        *submarine-launched ballistic missile warhead and a*  
10       *sea-launched cruise missile) that will strengthen de-*  
11       *terrence and assurance and reduce the chances that*  
12       *nuclear weapons are used in conflict;*

13           *(11) three successive Secretaries of Defense across*  
14       *two administrations have stated that nuclear deter-*  
15       *rence is the highest priority mission of the Depart-*  
16       *ment of Defense; and*

17           *(12) in light of this prioritization, the age of the*  
18       *current nuclear forces and infrastructure of the*  
19       *United States, and the small percentage of the defense*  
20       *budget that will be expended on the recapitalization*  
21       *of the nuclear deterrent of the United States, the mod-*  
22       *ernization of the nuclear forces, command and control*  
23       *systems, and supporting infrastructure of the United*  
24       *States is affordable and a national imperative.*

1 **SEC. 1650. SENSE OF CONGRESS ON EXTENDED NUCLEAR**  
2 ****DETERRENCE IN THE INDO-PACIFIC REGION.****

3 *It is the sense of Congress that—*

4 *(1) the nuclear program of the Democratic Peo-*  
5 *ple's Republic of Korea poses a critical national secu-*  
6 *rity threat not only to the United States, but to the*  
7 *security and stability of the entire Indo-Pacific re-*  
8 *gion, including South Korea, Japan, and Australia;*

9 *(2) the nuclear and conventional forces of the*  
10 *United States continue to play a fundamental role in*  
11 *detering aggression against its interests and the in-*  
12 *terests of its allies in the Indo-Pacific region and be-*  
13 *yond;*

14 *(3) the United States stands unwaveringly be-*  
15 *hind its treaty obligations and assurances, including*  
16 *those related to defense and extended nuclear deter-*  
17 *rence, to South Korea, Japan, and Australia;*

18 *(4) the complete, verifiable, and irreversible*  
19 *denuclearization of the Democratic People's Republic*  
20 *of Korea remains a central foreign policy objective of*  
21 *the United States;*

22 *(5) the status of any denuclearization or end-of-*  
23 *conflict agreement with the Democratic People's Re-*  
24 *public of Korea should not supersede such treaty obli-*  
25 *gations and assurances described in paragraph (3);*  
26 *and*

(6) *the presence of United States Forces on the Korean Peninsula should remain strong and enduring.*

## ***Subtitle E—Missile Defense Programs***

### ***SEC. 1661. DEVELOPMENT OF PERSISTENT SPACE-BASED SENSOR ARCHITECTURE.***

*(a) FINDINGS.—Congress finds the following:*

*(1) Absent a missile defense review, the budget of the President submitted to Congress under section 1105(a) of title 31, United States Code, for fiscal year 2019 did not propose funding for efforts within the Missile Defense Agency to further develop the Missile Defense Tracking System (a future space sensor architecture) and instead funds were provided to the Air Force to determine the plan of the Department of Defense for future missile warning and tracking capabilities.*

*(2) Delaying development and deployment of a space-based missile tracking capability further places the United States at a disadvantage against hypersonic threats.*

*(b) DEVELOPMENT REQUIRED.—Subsection (a) of section 1683 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131. Stat. 1777) is*

1 amended by striking “If consistent with the direction or rec-  
2 ommendations of the Ballistic Missile Defense Review that  
3 commenced in 2017, the Director of the Missile Defense  
4 Agency” and inserting “Beginning fiscal year 2019, the Di-  
5 rector of the Missile Defense Agency, in coordination with  
6 the Director of National Intelligence, the Commander of the  
7 Air Force Space Command, and the Commander of the  
8 United States Strategic Command,”.

9 (c) *PLAN*.—

10 (1) *LIMITATION*.—Of the funds authorized to be  
11 appropriated by this Act or otherwise made available  
12 for fiscal year 2019 for the Department of Defense for  
13 the development of the space-based sensor architecture  
14 under subsection (a) of section 1683 of the National  
15 Defense Authorization Act for Fiscal Year 2018 (Pub-  
16 lic Law 115–91; 131 Stat. 1777), not more than 25  
17 percent may be obligated or expended until the date  
18 on which the Director of the Missile Defense Agency  
19 submits the plan under subsection (e) of such section.

20 (2) *CLARIFICATION OF ROLES*.—Section 1683(e)  
21 of the National Defense Authorization Act for Fiscal  
22 Year 2018 (Public Law 115–91; 131 Stat. 1777) is  
23 amended by striking “the Director shall submit” and  
24 inserting “the Director of the Missile Defense Agency,  
25 in coordination with the Director of National Intel-

1        *ligence, the Commander of the Air Force Space Com-*  
 2        *mand, and the Commander of the United States Stra-*  
 3        *tegic Command shall submit”.*

4        *(d) REPORT ON USE OF OTHER AUTHORITIES.—Such*  
 5        *section 1683 is further amended—*

6                *(1) by redesignating subsection (f) as subsection*  
 7        *(g); and*

8                *(2) by inserting after subsection (e) the following*  
 9        *new subsection (f):*

10        *“(f) REPORT ON USE OF OTHER AUTHORITIES.—Not*  
 11        *later than January 31, 2019, the Director of the Missile*  
 12        *Defense Agency shall submit to the appropriate congres-*  
 13        *sional committees a report on the options available to the*  
 14        *Director to use other transactional authorities pursuant to*  
 15        *section 2371 of title 10, United States Code, to accelerate*  
 16        *the development and deployment of the sensor architecture*  
 17        *required by subsection (a).”.*

18        **SEC. 1662. BOOST PHASE BALLISTIC MISSILE DEFENSE.**

19        *(a) DEVELOPMENT AND STUDY.—Section 1685 of the*  
 20        *National Defense Authorization Act for Fiscal Year 2018*  
 21        *(Public Law 115–91; 10 U.S.C. 2431 note) is amended by*  
 22        *adding at the end the following new subsections:*

23        *“(d) DEVELOPMENT.—*

24                *“(1) REQUIREMENT.—Beginning fiscal year*  
 25        *2019, the Director of the Missile Defense Agency shall*

1       *carry out a program to develop boost phase intercept*  
2       *capabilities that—*

3               “(A) *are cost effective;*

4               “(B) *are air-launched, ship-based, or both;*

5               *and*

6               “(C) *include kinetic interceptors.*

7               “(2) *PARTNERSHIPS.—In developing kinetic*  
8       *boost phase intercept capabilities under paragraph*  
9       *(1), the Director may enter into partnerships with the*  
10       *Ministry of National Defense of the Republic of Korea*  
11       *or the Ministry of Defense of Japan, or both.*

12               “(e) *INDEPENDENT STUDY.—*

13               “(1) *REQUIREMENT.—The Secretary of Defense*  
14       *shall seek to enter into an agreement with a federally*  
15       *funded research and development center to conduct a*  
16       *feasibility study on providing an initial or dem-*  
17       *onstrated boost phase capability using unmanned aer-*  
18       *ial vehicles and kinetic interceptors by December 31,*  
19       *2021. Such study shall include, at a minimum, a re-*  
20       *view of the study published by the Science, Tech-*  
21       *nology, and National Security Working Group of the*  
22       *Massachusetts Institute of Technology in 2017 titled*  
23       *‘Airborne Patrol to Destroy DPRK ICBMs in Pow-*  
24       *ered Flight’.*

1           “(2) *SUBMISSION.*—Not later than July 31,  
2           2019, the Secretary shall submit to the congressional  
3           defense committees the study conducted under para-  
4           graph (1).”.

5           (b) *DIRECTED ENERGY DEVELOPMENT.*—Subsection  
6 (b) of such section is amended—

7           (1) by striking “The Secretary of Defense” and  
8           inserting the following:

9           “(1) *IN GENERAL.*—The Secretary of Defense”;  
10          and

11          (2) by adding at the end the following new para-  
12          graph:

13          “(2) *ROLE OF DIRECTOR.*—

14                 “(A) *TRANSFER OF RESPONSIBILITY.*—Be-  
15                 ginning fiscal year 2019, the Secretary shall  
16                 transfer from the Under Secretary of Defense for  
17                 Research and Engineering to the Director of the  
18                 Missile Defense Agency the responsibility to con-  
19                 tinue developing the interim directed energy  
20                 boost phase ballistic missile defense capability  
21                 specified in paragraph (1).

22                 “(B) *OTHER PROGRAMS.*—In continuing  
23                 the development under subparagraph (A), the Di-  
24                 rector shall—



1 “(i) leverage the efforts of the Under  
 2 Secretary under the high energy laser ad-  
 3 vanced development program; and

4 “(ii) share with the Under Secretary  
 5 any information useful to such program.

6 “(C) BRIEFING.—Not later than February  
 7 28, 2019, the Director shall provide to the Com-  
 8 mittees on Armed Services of the House of Rep-  
 9 resentatives and the Senate, and to any other  
 10 congressional defense committee upon request, a  
 11 briefing on—

12 “(i) specific criteria that the Director  
 13 will address in the development under sub-  
 14 paragraph (A); and

15 “(ii) parameters used to measure  
 16 progress in such development.”.

17 (c) MODIFICATION TO SENSE OF CONGRESS.—Sub-  
 18 section (a) of such section is amended by striking “, if con-  
 19 sistent with the direction or recommendations of the Bal-  
 20 listic Missile Defense Review that commenced in 2017”.

21 **SEC. 1663. IMPROVEMENTS TO RESEARCH AND DEVELOP-**  
 22 **MENT AND ACQUISITION PROCESSES OF MIS-**  
 23 **SILE DEFENSE AGENCY.**

24 (a) RESEARCH AND DEVELOPMENT.—

1           (1) *TRANSFER*.—Not later than September 30,  
2           2020, the Secretary of Defense shall transfer the au-  
3           thority and the total obligational authority for each  
4           research and development program described in para-  
5           graph (2) from the Under Secretary of Defense for Re-  
6           search and Engineering to the Director of the Missile  
7           Defense Agency.

8           (2) *RESEARCH AND DEVELOPMENT PROGRAM DE-*  
9           *SCRIBED*.—A research and development program de-  
10          scribed in this paragraph is a program that the  
11          Under Secretary identifies as meeting each of the fol-  
12          lowing criteria:

13                (A) *The program consists of efforts to de-*  
14                *velop prototypes or science and technology, or*  
15                *has not yet received Milestone B approval (as de-*  
16                *finied in section 2366 of title 10, United States*  
17                *Code).*

18                (B) *The efforts of the program either—*

19                       (i) *are planned to be incorporated into*  
20                       *ballistic missile defense systems; or*

21                       (ii) *have explicit applications for bal-*  
22                       *listic missile defense or hypersonic defense.*

23          (3) *REPORT*.—Not later than March 31, 2019,  
24          the Under Secretary shall submit to the congressional  
25          defense committees a report that—

1           (A) lists each research and development pro-  
2           gram identified under paragraph (2); and

3           (B) a summary of the efforts and funding  
4           required for such programs during the period  
5           covered by the future-years defense program  
6           under section 221 of title 10, United States Code,  
7           as of the date of the report.

8           (b) NOTIFICATION ON CHANGES TO NON-STANDARD  
9           ACQUISITION PROCESSES AND RESPONSIBILITIES.—

10           (1) LIMITATION.—None of the funds authorized  
11           to be appropriated by this Act or otherwise made  
12           available for fiscal year 2019 for the Secretary of De-  
13           fense may be obligated or expended to change the non-  
14           standard acquisition processes and responsibilities de-  
15           scribed in paragraph (2) until—

16           (A) the Secretary notifies the congressional  
17           defense committees of such proposed change; and

18           (B) a period of 180 days has elapsed fol-  
19           lowing the date of such notification.

20           (2) NON-STANDARD ACQUISITION PROCESSES AND  
21           RESPONSIBILITIES DESCRIBED.—The non-standard  
22           acquisition processes and responsibilities described in  
23           this paragraph are such processes and responsibilities  
24           described in—

1           (A) *the memorandum of the Secretary of*  
2           *Defense titled “Missile Defense Program Direc-*  
3           *tion” signed on January 2, 2002;*

4           (B) *Department of Defense Directive*  
5           *5134.09, as in effect on the date of the enactment*  
6           *of this Act; and*

7           (C) *United States Strategic Command In-*  
8           *struction 583–3.*

9       (c) *INTEGRATED MASTER TEST PLAN INFORMA-*  
10    *TION.—*

11           (1) *PUBLIC AVAILABILITY.—Together with the re-*  
12           *lease of each integrated master test plan of the Missile*  
13           *Defense Agency, the Director of the Missile Defense*  
14           *Agency shall make publicly available a version of*  
15           *each such plan that identifies the fiscal year and the*  
16           *fiscal quarter in which events under the plan will*  
17           *occur.*

18           (2) *SUBMISSION.—Not later than 30 days after*  
19           *the budget of the President for each of fiscal years*  
20           *2020 and 2021 is submitted to Congress under section*  
21           *1105 of title 31, United States Code, the Director*  
22           *shall submit to the congressional defense committees*  
23           *the integrated master test plan of the Missile Defense*  
24           *Agency, including any classified and unclassified*  
25           *versions of such plan.*

1       (d) *MISSILE DEFENSE EXECUTIVE BOARD.*—*In addi-*  
 2 *tion to the Under Secretary of Defense for Research and*  
 3 *Engineering serving as chairman of the Missile Defense Ex-*  
 4 *ecutive Board pursuant to section 1676(c)(3)(B) of the Na-*  
 5 *tional Defense Authorization Act for Fiscal Year 2018 (Pub-*  
 6 *lic Law 115–91; 131 Stat. 1773), the Under Secretary of*  
 7 *Defense for Acquisition and Sustainment shall serve—*

8               (1) *as a member of the Board; and*

9               (2) *as co-chairman with respect to decisions re-*  
 10 *garding acquisition and the approval of acquisition*  
 11 *and production milestones, including with respect to*  
 12 *the use of other transaction authority contracts and*  
 13 *transactions in excess of \$500,000,000 (including all*  
 14 *options).*

15 **SEC. 1664. LAYERED DEFENSE OF THE UNITED STATES**  
 16 **HOMELAND.**

17       (a) *FINDINGS.*—*Congress finds the following:*

18               (1) *The United States homeland (including Ha-*  
 19 *waii and Alaska) is currently protected against inter-*  
 20 *continental ballistic missiles by the ground-based*  
 21 *midcourse defense system, with 44 ground-based inter-*  
 22 *ceptors located at Fort Greely, Alaska, and Vanden-*  
 23 *berg, California.*

24               (2) *The Department of Defense plans to expand*  
 25 *the number of ground-based interceptors to 64 inter-*

1        *ceptors by 2023 by adding Missile Field 4 at Fort*  
2        *Greely, Alaska.*

3        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
4        *that the United States should—*

5                *(1) continue to explore and deploy capabilities*  
6                *that increase the layered defense of the United States*  
7                *homeland;*

8                *(2) support, if determined by the Secretary of*  
9                *Defense as necessary for the national security of the*  
10               *United States, the deployment of a ground-based in-*  
11               *terceptor site, or potential other ballistic missile de-*  
12               *fense systems pending successful testing, on the East*  
13               *Coast of the United States that—*

14                        *(A) weighs cost effectiveness and*  
15                        *prioritization of capability; and*

16                        *(B) provides for increased protection of the*  
17                        *continental United States from North Korean*  
18                        *and Iranian threats;*

19                *(3) support the ability of the Army, the Navy,*  
20                *and the Missile Defense Agency to deploy fixed, semi-*  
21                *fixed, and mobile at-sea and ashore assets to locations*  
22                *to increase the layered defense of all of the United*  
23                *States homeland; and*

1           (4) support, as appropriate, further analysis and  
2           testing for regional systems to be employed for the  
3           layered defense of the United States homeland.

4           (c) *CERTIFICATION.*—Before the Secretary of Defense  
5           makes a potential determination to deploy regional assets  
6           to provide missile defense from longer range threats, the  
7           Secretary shall certify to the congressional defense commit-  
8           tees that such deployment would not unnecessarily under-  
9           mine or pose additional risk to strategic stability.

10          (d) *BRIEFING.*—Not later than January 31, 2019, the  
11          Director of the Missile Defense Agency, in coordination with  
12          the Under Secretary of Defense for Policy, the Commander  
13          of the United States Northern Command, and the Com-  
14          mander of the United States Pacific Command, shall pro-  
15          vide to the Committees on Armed Services of the House of  
16          Representatives and the Senate, and to any other congres-  
17          sional defense committee upon request, a briefing that—

18               (1) describes options and plans to increase or  
19               improve the layered protection of the United States  
20               homeland (including Hawaii and Alaska) from  
21               threats posed by North Korea and threats posed by  
22               Iran;

23               (2) addresses the capabilities and reliability of  
24               missile defense systems to defend against potential

1        *trajectories of missiles from both the North and South*  
 2        *Poles; and*

3                *(3) addresses technical capability and policy*  
 4        *with respect to such options.*

5    **SEC. 1665. TESTING OF REDESIGNED KILL VEHICLE PRIOR**  
 6                **TO PRODUCTION.**

7        *(a) SUCCESSFUL TESTING REQUIRED.—Except as*  
 8        *provided by subsection (b), the Director of the Missile De-*  
 9        *fense Agency may not make a lot production decision for*  
 10        *the redesigned kill vehicle unless the vehicle has undergone*  
 11        *at least one successful flight intercept test that meets the*  
 12        *following criteria:*

13                *(1) The test sufficiently assesses the performance*  
 14        *of the vehicle in order to inform a lot production deci-*  
 15        *sion.*

16                *(2) The results of the test demonstrate that the*  
 17        *vehicle—*

18                        *(A) will work in an effective manner; and*

19                        *(B) has the ability to accomplish the in-*  
 20        *tended mission of the vehicle.*

21        *(b) WAIVER.—The Secretary of Defense, without dele-*  
 22        *gation, may waive subsection (a) if—*

23                *(1) the Secretary determines that the waiver is*  
 24        *in the interest of national security;*



1           (2) *the Secretary determines that the threat of*  
2           *missiles is advancing at a pace that requires addi-*  
3           *tional capacity of the ground-based midcourse system*  
4           *by 2023;*

5           (3) *the Secretary determines that the waiver is*  
6           *appropriate in light of the assessment conducted by*  
7           *the Director of Operational Test and Evaluation*  
8           *under subsection (c);*

9           (4) *the Secretary submits to the congressional de-*  
10          *fense committees a report containing—*

11                (A) *a notice of the waiver, including the ra-*  
12                *tionale of the Secretary for making the waiver;*

13                (B) *a certification by the Secretary that the*  
14                *Secretary has analyzed and accepts the risk of*  
15                *making and implementing a lot production deci-*  
16                *sion for the redesigned kill vehicle prior to the*  
17                *vehicle undergoing a successful flight intercept*  
18                *test; and*

19                (C) *the assessment of the Director of Oper-*  
20                *ational Test and Evaluation under subsection*  
21                *(c); and*

22           (5) *a period of 30 days elapses following the date*  
23           *on which the Secretary submits the report under*  
24           *paragraph (4).*

1       (c) *ASSESSMENT ON RISKS.*—*The Director of Oper-*  
 2       *ational Test and Evaluation shall submit to the Secretary*  
 3       *of Defense an assessment on the risks of making a lot pro-*  
 4       *duction decision for the redesigned kill vehicle prior to the*  
 5       *vehicle undergoing a successful flight intercept test.*

6       **SEC. 1666. REQUIREMENTS FOR BALLISTIC MISSILE DE-**  
 7                               **FENSE CAPABLE SHIPS.**

8       (a) *FORCE STRUCTURE ASSESSMENT.*—*The Secretary*  
 9       *of the Navy, in consultation with the Director of the Missile*  
 10       *Defense Agency, shall include in the first force structure as-*  
 11       *essment conducted following the date of the enactment of*  
 12       *this Act the following:*

13               (1) *An assessment of the requirements for bal-*  
 14       *listic missile defense capable ships.*

15               (2) *The force structure requirements associated*  
 16       *with advanced ballistic missile defense capabilities.*

17       (b) *FORCE STRUCTURE ASSESSMENT DEFINED.*—*The*  
 18       *term “force structure assessment” has the meaning given*  
 19       *the term in Chief of Naval Operations Instruction 3050.27.*

20       **SEC. 1667. MULTIYEAR PROCUREMENT AUTHORITY FOR**  
 21                               **STANDARD MISSILE-3 BLOCK IB MISSILES.**

22       (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
 23       *Subject to section 2306b of title 10, United States Code, the*  
 24       *Director of the Missile Defense Agency may enter into one*  
 25       *or more multiyear contracts, beginning with the 2019 pro-*

1 gram year, for the procurement of standard missile—3 block  
2 IB missiles.

3 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
4 *MENTS.*—A contract entered into under subsection (a) shall  
5 provide that any obligation of the United States to make  
6 a payment under the contract for a fiscal year after fiscal  
7 year 2019 is subject to the availability of appropriations  
8 or funds for that purpose for such later fiscal year.

9 **SEC. 1668. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
10 **ARMY LOWER TIER AIR AND MISSILE DE-**  
11 **FENSE SENSOR.**

12 (a) *LIMITATION.*—If the Secretary of the Army issues  
13 an acquisition strategy for a 360-degree lower tier air and  
14 missile defense sensor pursuant to section 1679(a) of the Na-  
15 tional Defense Authorization Act for Fiscal Year 2018 (Pub-  
16 lic Law 115–91; 131 Stat. 1774) that proposes such sensor  
17 achieve initial operating capability later than December 31,  
18 2023, not more than 50 percent of the funds authorized to  
19 be appropriated by this Act or otherwise made available  
20 for fiscal year 2019 for such sensor may be obligated or  
21 expended until the date on which the Secretary submits to  
22 the congressional defense committees a report—

23 (1) explaining the rationale of such delayed ini-  
24 tial operating capability, including a description of

1        *any technological or acquisition-related factors caus-*  
 2        *ing such delay; and*

3            *(2) containing a funding profile and schedule to*  
 4        *ensure that such sensor would achieve initial oper-*  
 5        *ating capability by December 31, 2023.*

6        *(b) PERFORMANCE SPECIFICATION.—The Secretary*  
 7        *shall ensure that the performance specification of the 360-*  
 8        *degree lower tier air and missile defense sensor—*

9            *(1) specifies requirements relating to—*

10            *(A) detecting and tracking complex attacks*  
 11        *from air breathing threats, tactical ballistic mis-*  
 12        *siles, and emerging hypersonic weapons; and*

13            *(B) being a key component of the future in-*  
 14        *tegrated air and missile defense architecture of*  
 15        *the Army and supporting engagements for the*  
 16        *full range and capability of Patriot Advanced*  
 17        *Capability—3 missile segment enhancement inter-*  
 18        *ceptors; and*

19            *(2) uses evaluation criteria that enables an un-*  
 20        *derstanding of the cost and value of procuring such*  
 21        *sensor in accordance with such specified requirements.*

22        **SEC. 1669. MISSILE DEFENSE RADAR IN HAWAII.**

23            *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
 24        *that the Secretary of Defense, acting through the Director*

1 *of the Missile Defense Agency, and in coordination with rel-*  
2 *evant Federal and local entities, should—*

3 *(1) ensure an on-time or improved delivery*  
4 *schedule of the discrimination radar for homeland de-*  
5 *fense to be made operational in Hawaii; and*

6 *(2) accelerate the deployment of the radar as*  
7 *much as possible, contingent on the environmental re-*  
8 *view process pursuant to the National Environmental*  
9 *Policy Act of 1969 (42 U.S.C. 4321 et seq.).*

10 *(b) CERTIFICATION.—Not later than 45 days after the*  
11 *date of the enactment of this Act, the Director of the Missile*  
12 *Defense Agency shall certify to the congressional defense*  
13 *committees that—*

14 *(1) the Director is on schedule to award the con-*  
15 *tract for the discrimination radar for homeland de-*  
16 *fense planned to be located in Hawaii by December*  
17 *31, 2018; and*

18 *(2) such radar and associated in-flight inter-*  
19 *ceptor communications system data terminal will be*  
20 *operational by not later than September 30, 2023.*

21 *(c) BRIEFINGS.—*

22 *(1) DELAYED SCHEDULE.—If the Director is un-*  
23 *able to certify under subsection (b) that the Director*  
24 *is on schedule to award the contract for the discrimi-*  
25 *nation radar for homeland defense planned to be lo-*

1 *cated in Hawaii by December 31, 2018, not later*  
2 *than 45 days after the date of the enactment of this*  
3 *Act, and on a biweekly basis thereafter until the date*  
4 *of the award, the Director shall provide to the Com-*  
5 *mittees on Armed Services of the House of Represent-*  
6 *atives and the Senate, and to any other congressional*  
7 *defense committee upon request, a briefing explain-*  
8 *ing—*

9 *(A) the rationale for the delay in such*  
10 *schedule; and*

11 *(B) any effects of such delay in making*  
12 *such radar and associated in-flight interceptor*  
13 *communications system data terminal oper-*  
14 *ational by not later than September 30, 2023.*

15 *(2) SEMIANNUAL.—Not later than 45 days after*  
16 *the date of the enactment of this Act, and semiannu-*  
17 *ally thereafter through 2021, the Director shall pro-*  
18 *vide to the Committees on Armed Services of the*  
19 *House of Representatives and the Senate, and to any*  
20 *other congressional defense committee upon request, a*  
21 *briefing on—*

22 *(A) the acquisition of the discrimination*  
23 *radar for homeland defense planned to be located*  
24 *in Hawaii and the associated in-flight inter-*

1            *ceptor communications system data terminal;*  
 2            *and*

3            *(B) the environmental review process for*  
 4            *such radar pursuant to the National Environ-*  
 5            *mental Policy Act of 1969 (42 U.S.C. 4321 et*  
 6            *seq.).*

7    **SEC. 1670. REPORTS ON UNFUNDED PRIORITIES OF THE**  
 8            **MISSILE DEFENSE AGENCY.**

9            *(a) REPORTS.—Not later than 10 days after the date*  
 10    *on which the budget of the President for each of fiscal years*  
 11    *2020 and 2021 is submitted to Congress pursuant to section*  
 12    *1105 of title 31, United States Code, the Director of the*  
 13    *Missile Defense Agency shall submit to the Secretary of De-*  
 14    *fense and the Chairman of the Joint Chiefs of Staff, and*  
 15    *to the congressional defense committees, a report on the un-*  
 16    *funded priorities of the Missile Defense Agency.*

17            *(b) ELEMENTS.—*

18            *(1) MATTERS INCLUDED.—Each report under*  
 19    *subsection (a) shall specify, for each unfunded pri-*  
 20    *ority covered by such report, the following:*

21            *(A) A summary description of such pri-*  
 22    *ority, including the objectives to be achieved if*  
 23    *such priority is funded (whether in whole or in*  
 24    *part).*

1           (B) *The additional amount of funds rec-*  
2           *ommended in connection with the objectives*  
3           *under subparagraph (A).*

4           (C) *Account information with respect to*  
5           *such priority, including, as applicable—*

6                   (i) *the line item number for applicable*  
7                   *procurement accounts;*

8                   (ii) *the program element number for*  
9                   *applicable research, development, test, and*  
10                  *evaluation accounts; and*

11                  (iii) *the sub-activity group for applica-*  
12                  *ble operation and maintenance accounts.*

13           (2) *PRIORITIZATION OF PRIORITIES.—Each re-*  
14           *port under subsection (a) shall present the unfunded*  
15           *priorities covered by such report in order of urgency*  
16           *of priority.*

17           (c) *UNFUNDED PRIORITY DEFINED.—In this section,*  
18           *the term “unfunded priority”, in the case of a fiscal year,*  
19           *means a program, activity, or mission requirement of the*  
20           *Missile Defense Agency that—*

21                   (1) *is not funded in the budget of the President*  
22                   *for the fiscal year as submitted to Congress pursuant*  
23                   *to section 1105 of title 31, United States Code;*

24                   (2) *is necessary to fulfill a requirement associ-*  
25                   *ated with an operational or contingency plan of a*



1       *combatant command or other validated requirement;*  
2       *and*

3               *(3) would have been recommended for funding*  
4       *through the budget referred to in paragraph (1) by the*  
5       *Director of the Missile Defense Agency in connection*  
6       *with the budget if—*

7               *(A) additional resources had been available*  
8       *for the budget to fund the program, activity, or*  
9       *mission requirement; or*

10              *(B) the program, activity, or mission re-*  
11       *quirement has emerged since the budget was for-*  
12       *mulated.*

13   **SEC. 1671. REPORT ON BALLISTIC MISSILE DEFENSE.**

14       *(a) FINDINGS.—Congress finds the following:*

15              *(1) The Secretary of Defense is conducting a bal-*  
16       *listic missile defense review that will assess the capa-*  
17       *bilities and requirements for homeland, regional, and*  
18       *theater missile defense.*

19              *(2) This review will have significant implica-*  
20       *tions for national security and potentially on resource*  
21       *prioritization and requirements.*

22              *(3) The review was initially expected to have*  
23       *been completed by January but has been delayed sev-*  
24       *eral months due to revisions and has not yet been*  
25       *submitted to Congress.*

1       (b) *REPORT*.—Not later than 30 days after the date  
2 of the enactment of this Act, the Secretary of Defense shall  
3 submit to the congressional defense committees a report on  
4 ballistic missile defense that addresses the implications for  
5 planned programs of record, costs and resource  
6 prioritization, and strategic stability.

7   **SEC. 1672. SENSE OF CONGRESS ON MISSILE AND ROCKET**  
8                   **DEFENSE COOPERATION BETWEEN THE**  
9                   **UNITED STATES AND ISRAEL.**

10       (a) *FINDINGS*.—Congress finds the following:

11               (1) *The United States and Israel signed a Memo-*  
12               *randum of Understanding on September 14, 2016,*  
13               *that covers the 10-year period beginning with fiscal*  
14               *year 2019.*

15               (2) *The Memorandum of Understanding states*  
16               *that the United States will provide annual funding of*  
17               *\$500,000,000 for cooperative programs to develop,*  
18               *produce, and procure missile, rocket, and projectile*  
19               *defense capabilities to help Israel meet its security*  
20               *needs and to help develop and enhance the missile de-*  
21               *fense capabilities of the United States.*

22               (3) *The Memorandum of Understanding further*  
23               *states that Israel may seek additional missile defense*  
24               *funding from the United States in exceptional cir-*

1 *cumstances, as may be jointly agreed by the United*  
 2 *States and Israel.*

3 *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
 4 *that—*

5 *(1) the strong and enduring relationship between*  
 6 *the United States and Israel is in the national secu-*  
 7 *rity interest of both countries; and*

8 *(2) the September 2016 Memorandum of Under-*  
 9 *standing between the United States and Israel, in-*  
 10 *cluding the provisions of the memorandum relating to*  
 11 *missile and rocket defense cooperation, is a critical*  
 12 *component of the bilateral relationship.*

### 13 ***Subtitle F—Other Matters***

#### 14 ***SEC. 1681. EXTENSION OF COMMISSION TO ASSESS THE*** 15 ***THREAT TO THE UNITED STATES FROM ELEC-*** 16 ***TROMAGNETIC PULSE ATTACKS AND SIMILAR*** 17 ***EVENTS.***

18 *Section 1691 of the National Defense Authorization*  
 19 *Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
 20 *1786) is amended—*

21 *(1) in subsection (e)—*

22 *(A) in paragraph (1)(A), by striking “April*  
 23 *1, 2019” and inserting “December 1, 2019”; and*

24 *(B) in paragraph (3), by striking “October*  
 25 *1, 2018” and inserting “March 1, 2019”; and*

(2) *in subsection (h), by striking “October 1, 2019” and inserting “the date that is 180 days after the date on which the Commission submits the report under subsection (e)(1)”.*

**SEC. 1682. PROCUREMENT OF AMMONIUM PERCHLORATE  
AND OTHER CHEMICALS FOR USE IN SOLID  
ROCKET MOTORS.**

*(a) BUSINESS CASE ANALYSIS.—*

*(1) GOVERNMENT-OWNED, CONTRACTOR OPERATED.—The Secretary of the Army and the Deputy Assistant Secretary of Defense for Manufacturing and Industrial Base Policy shall jointly conduct a business case analysis of the Federal Government using a Government-owned, contractor-operated model to ensure a robust domestic industrial base to supply specialty chemicals, including ammonium perchlorate, for use in solid rocket motors. Such analysis shall include assessments of the near- and long-term costs, operating and sustainment costs, program impacts, opportunities for competition, opportunities for redundant or complementary capabilities, and national security implications of using such a model.*

*(2) REPORT.—Not later than March 1, 2019, the Secretary and the Deputy Assistant Secretary shall submit to the congressional defense committees the*

1       *business case analysis conducted under paragraph*  
 2       *(1).*

3       ***(b) FULL AND OPEN COMPETITION.—***

4               *(1) USE.—To the extent practicable, in award-*  
 5       *ing a contract for the sale of ammonium perchlorate*  
 6       *from retired solid rocket motors, the Secretary of De-*  
 7       *fense shall use full and open competition (as defined*  
 8       *in section 107 of title 41, United States Code).*

9               *(2) NOTIFICATION.—If the Secretary awards a*  
 10       *contract for the sale of ammonium perchlorate from*  
 11       *retired solid rocket motors using procedures that do*  
 12       *not include full and open competition, the Secretary*  
 13       *shall notify the congressional defense committees of*  
 14       *such award not later than 30 days after the date of*  
 15       *such award.*

16       ***SEC. 1683. CONVENTIONAL PROMPT GLOBAL STRIKE***  
 17       ***HYPERSONIC CAPABILITIES.***

18       *(a) VALIDATED REQUIREMENTS.—Not later than No-*  
 19       *vember 30, 2018, the Secretary of Defense shall submit to*  
 20       *the congressional defense committees a validated require-*  
 21       *ment for ground-, sea-, or air-launched (or a combination*  
 22       *thereof) conventional prompt global strike hypersonic capa-*  
 23       *bilities.*

24       *(b) REPORT.—Not later than January 31, 2019, the*  
 25       *Under Secretary of Defense for Acquisition and*

1 *Sustainment, in coordination with the Secretary of the*  
2 *Navy and the Under Secretary of Defense for Policy, shall*  
3 *submit to the congressional defense committees a report that*  
4 *contains the following:*

5       (1) *A plan to deliver a conventional prompt*  
6 *global strike weapon system that—*

7               (A) *is in accordance with section 1693 of*  
8 *the National Defense Authorization Act for Fis-*  
9 *cal Year 2018 (Public Law 115–91; 131 Stat.*  
10 *1791); and*

11              (B) *includes—*

12                      (i) *options with cost estimates for ac-*  
13 *celerating the initial capability for such*  
14 *system; and*

15                      (ii) *a description of policy decisions by*  
16 *the Secretary of Defense that are necessary*  
17 *to employ hypersonic offense capabilities*  
18 *from each potential launch platform of such*  
19 *system.*

20       (2) *Details with respect to the assessed level of*  
21 *ambiguity and misinterpretation risk relating to the*  
22 *conventional prompt global strike weapon system, in-*  
23 *cluding such potential risks associated with warhead*  
24 *ambiguity, platform ambiguity (including if adver-*  
25 *sary sensors are degraded), perceptions of the surviv-*

1      *ability of strategic nuclear forces, and likely adver-*  
 2      *sary responses.*

3            *(3) A description of whether, when, and how the*  
 4      *Under Secretary would address the risks identified*  
 5      *under paragraph (2) in developing and deploying the*  
 6      *conventional prompt global strike weapon system and*  
 7      *in developing the concept of operations for such sys-*  
 8      *tem.*

9      **SEC. 1684. REPORT REGARDING INDUSTRIAL BASE FOR**  
 10            **LARGE SOLID ROCKET MOTORS.**

11      *(a) REPORT.—*

12            *(1) IN GENERAL.—Not later than April 15, 2019,*  
 13      *the Under Secretary of Defense for Acquisition and*  
 14      *Sustainment, in consultation with the Secretaries of*  
 15      *the military departments that the Under Secretary*  
 16      *determines appropriate, shall submit to the appro-*  
 17      *priate congressional committees a report on whether,*  
 18      *and if so, how, the Federal Government will sustain*  
 19      *more than one supplier for large solid rocket motors.*

20            *(2) MATTERS INCLUDED.—The report under*  
 21      *paragraph (1) shall include an assessment of the fol-*  
 22      *lowing:*

23            *(A) The risks within the industrial base for*  
 24            *large solid rocket motors, including the risks to*  
 25            *national security.*

1           (B) *The near- and long-term costs associ-*  
2           *ated with having a single source of large solid*  
3           *rocket motors as compared to having more than*  
4           *one such source.*

5           (C) *Options for sustaining more than one*  
6           *supplier for large solid rocket motors, including*  
7           *through leveraging—*

8                   (i) *the ground-based strategic deterrent*  
9                   *program;*

10                   (ii) *the Trident II D5 fleet ballistic*  
11                   *missile program;*

12                   (iii) *the ground-based midcourse de-*  
13                   *fense program;*

14                   (iv) *national security space launch*  
15                   *programs;*

16                   (v) *programs of the National Aero-*  
17                   *navitics and Space Administration; and*

18                   (vi) *any other applicable programs*  
19                   *that use or may use solid rocket motors of*  
20                   *any size, including with respect to substra-*  
21                   *tegic and tactical systems.*

22           (b) *BRIEFING.—Not later than November 30, 2018, the*  
23           *Under Secretary shall provide to the Committees on Armed*  
24           *Services of the House of Representatives and the Senate,*  
25           *and to any other appropriate congressional committee upon*



1 *request, a briefing on the industrial base for large solid*  
2 *rocket motors.*

3       (c) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
4 *FINED.—In this section, the term “appropriate congres-*  
5 *sional committees” means the following:*

6           (1) *The congressional defense committees.*

7           (2) *The Committee on Science, Space, and Tech-*  
8 *nology and the Permanent Select Committee on Intel-*  
9 *ligence of the House of Representatives.*

10          (3) *The Committee on Commerce, Science, and*  
11 *Transportation and the Select Committee on Intel-*  
12 *ligence of the Senate.*

13 **SEC. 1685. NATIONAL INTELLIGENCE ESTIMATE WITH RE-**  
14 **SPECT TO RUSSIAN AND CHINESE INTER-**  
15 **FERENCE IN DEMOCRATIC COUNTRIES.**

16       *Not later than 270 days after the date of the enactment*  
17 *of this Act, the Director of National Intelligence shall com-*  
18 *mission and produce a National Intelligence Estimate,*  
19 *which may be submitted in classified form with an unclas-*  
20 *sified summary, on Russian and Chinese interference in*  
21 *democratic countries around the world, including the*  
22 *United States, that contains specific descriptions of such*  
23 *interference.*

1 ***DIVISION B—MILITARY CON-***  
 2 ***STRUCTION AUTHORIZA-***  
 3 ***TIONS***

4 ***SEC. 2001. SHORT TITLE.***

5 *This division may be cited as the “Military Construc-*  
 6 *tion Authorization Act for Fiscal Year 2019”.*

7 ***SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND***  
 8 ***AMOUNTS REQUIRED TO BE SPECIFIED BY***  
 9 ***LAW.***

10 *(a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE*  
 11 *YEARS.—Except as provided in subsection (b), all author-*  
 12 *izations contained in titles XXI through XXVII and title*  
 13 *XXIX for military construction projects, land acquisition,*  
 14 *family housing projects and facilities, and contributions to*  
 15 *the North Atlantic Treaty Organization Security Invest-*  
 16 *ment Program (and authorizations of appropriations there-*  
 17 *for) shall expire on the later of—*

18 *(1) October 1, 2023; or*

19 *(2) the date of the enactment of an Act author-*  
 20 *izing funds for military construction for fiscal year*  
 21 *2024.*

22 *(b) EXCEPTION.—Subsection (a) shall not apply to au-*  
 23 *thorizations for military construction projects, land acqui-*  
 24 *sition, family housing projects and facilities, and contribu-*  
 25 *tions to the North Atlantic Treaty Organization Security*

1 *Investment Program (and authorizations of appropriations*  
 2 *therefor), for which appropriated funds have been obligated*  
 3 *before the later of—*

4 *(1) October 1, 2023; or*

5 *(2) the date of the enactment of an Act author-*  
 6 *izing funds for fiscal year 2024 for military construc-*  
 7 *tion projects, land acquisition, family housing*  
 8 *projects and facilities, or contributions to the North*  
 9 *Atlantic Treaty Organization Security Investment*  
 10 *Program.*

11 **SEC. 2003. EFFECTIVE DATE.**

12 *Titles XXI through XXVII and title XXIX shall take*  
 13 *effect on the later of—*

14 *(1) October 1, 2018; or*

15 *(2) the date of the enactment of this Act.*

16 **TITLE XXI—ARMY MILITARY**  
 17 **CONSTRUCTION**

18 **SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
 19 **ACQUISITION PROJECTS.**

20 *(a) INSIDE THE UNITED STATES.—Using amounts ap-*  
 21 *propriated pursuant to the authorization of appropriations*  
 22 *in section 2103(a) and available for military construction*  
 23 *projects inside the United States as specified in the funding*  
 24 *table in section 4601, the Secretary of the Army may ac-*  
 25 *quire real property and carry out military construction*

1 projects for the installations or locations inside the United  
 2 States, and in the amounts, set forth in the following table:

**Army: Inside the United States**

<b>State</b>	<b>Installation</b>	<b>Amount</b>
Alabama .....	Anniston Army Depot .....	\$5,200,000
California .....	Fort Irwin .....	\$29,000,000
Colorado .....	Fort Carson .....	\$77,000,000
Georgia .....	Fort Gordon .....	\$99,000,000
Indiana .....	Crane Army Ammunition Plant .....	\$16,000,000
Kentucky .....	Fort Campbell .....	\$50,000,000
	Fort Knox .....	\$26,000,000
Maryland .....	Fort Meade .....	\$16,500,000
New Jersey .....	Picatinny Arsenal .....	\$41,000,000
New Mexico .....	White Sands Missile Range .....	\$40,000,000
New York .....	U.S. Military Academy .....	\$160,000,000
North Carolina .....	Fort Bragg .....	\$10,000,000
South Carolina .....	Fort Jackson .....	\$52,000,000
Texas .....	Fort Bliss .....	\$24,000,000
	Fort Hood .....	\$9,600,000

3 (b) *OUTSIDE THE UNITED STATES.*—Using amounts  
 4 appropriated pursuant to the authorization of appropria-  
 5 tions in section 2103(a) and available for military con-  
 6 struction projects outside the United States as specified in  
 7 the funding table in section 4601, the Secretary of the Army  
 8 may acquire real property and carry out the military con-  
 9 struction project for the installations or locations outside  
 10 the United States, and in the amount, set forth in the fol-  
 11 lowing table:

**Army: Outside the United States**

<b>Country</b>	<b>Installation</b>	<b>Amount</b>
Germany .....	East Camp Grafenwoehr .....	\$31,000,000
Honduras .....	Soto Cano Air Base .....	\$21,000,000
Korea .....	Camp Tango .....	\$17,500,000
Kuwait .....	Camp Arifjan .....	\$44,000,000

12 **SEC. 2102. FAMILY HOUSING.**

13 (a) *CONSTRUCTION AND ACQUISITION.*—Using  
 14 amounts appropriated pursuant to the authorization of ap-

1 *appropriations in section 2103(a) and available for military*  
 2 *family housing functions as specified in the funding table*  
 3 *in section 4601, the Secretary of the Army may construct*  
 4 *or acquire family housing units (including land acquisition*  
 5 *and supporting facilities) at the installations or locations,*  
 6 *in the number of units, and in the amounts set forth in*  
 7 *the following table:*

**Army: Family Housing**

<b>State/Country</b>	<b>Installation</b>	<b>Units</b>	<b>Amount</b>
<i>Italy .....</i>	<i>Vicenza .....</i>	<i>Family Housing New Construction .....</i>	<i>\$95,134,000</i>
<i>Korea .....</i>	<i>Camp Walker .....</i>	<i>Family Housing Replacement Construction .....</i>	<i>\$68,000,000</i>
<i>Puerto Rico .....</i>	<i>Fort Buchanan .....</i>	<i>Family Housing Replacement Construction .....</i>	<i>\$26,000,000</i>
<i>Wisconsin .....</i>	<i>Fort McCoy .....</i>	<i>Family Housing New Construction .....</i>	<i>\$6,200,000</i>

8       **(b) PLANNING AND DESIGN.**—Using amounts appro-  
 9 priated pursuant to the authorization of appropriations in  
 10 section 2103(a) and available for military family housing  
 11 functions as specified in the funding table in section 4601,  
 12 the Secretary of the Army may carry out architectural and  
 13 engineering services and construction design activities with  
 14 respect to the construction or improvement of family hous-  
 15 ing units in an amount not to exceed \$18,326,000.

16 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

17       **(a) AUTHORIZATION OF APPROPRIATIONS.**—Funds are  
 18 hereby authorized to be appropriated for fiscal years begin-  
 19 ning after September 30, 2018, for military construction,

1 *land acquisition, and military family housing functions of*  
 2 *the Department of the Army as specified in the funding*  
 3 *table in section 4601.*

4 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
 5 *PROJECTS.*—*Notwithstanding the cost variations author-*  
 6 *ized by section 2853 of title 10, United States Code, and*  
 7 *any other cost variation authorized by law, the total cost*  
 8 *of all projects carried out under section 2101 of this Act*  
 9 *may not exceed the total amount authorized to be appro-*  
 10 *priated under subsection (a), as specified in the funding*  
 11 *table in section 4601.*

12 **SEC. 2104. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 13 **FISCAL YEAR 2015 PROJECTS.**

14 (a) *EXTENSION.*—*Notwithstanding section 2002 of the*  
 15 *Military Construction Authorization Act for Fiscal Year*  
 16 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
 17 *the authorizations set forth in the table in subsection (b),*  
 18 *as provided in section 2101 of that Act (128 Stat. 3670),*  
 19 *shall remain in effect until October 1, 2019, or the date*  
 20 *of the enactment of an Act authorizing funds for military*  
 21 *construction for fiscal year 2020, whichever is later.*

22 (b) *TABLE.*—*The table referred to in subsection (a) is*  
 23 *as follows:*

**Army: Extension of 2015 Project Authorization**

<b>State/Country</b>	<b>Installation</b>	<b>Project</b>	<b>Amount</b>
<i>California .....</i>	<i>Military Ocean Ter-</i> <i>minal, Concord.</i>	<i>Access Control Point</i>	<i>\$9,900,000</i>

**Army: Extension of 2015 Project Authorization—Continued**

<b>State/Country</b>	<b>Installation</b>	<b>Project</b>	<b>Amount</b>
<i>Japan .....</i>	<i>Kadena Air Base .....</i>	<i>Missile Magazine .....</i>	<i>\$10,600,000</i>

1           **TITLE XXII—NAVY MILITARY**  
2                           **CONSTRUCTION**

3   **SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
4                           **ACQUISITION PROJECTS.**

5           (a) *INSIDE THE UNITED STATES.*—Using amounts ap-  
6   *propriated pursuant to the authorization of appropriations*  
7   *in section 2204(a) and available for military construction*  
8   *projects inside the United States as specified in the funding*  
9   *table in section 4601, the Secretary of the Navy may ac-*  
10   *quire real property and carry out military construction*  
11   *projects for the installations or locations inside the United*  
12   *States, and in the amounts, set forth in the following table:*

**Navy: Inside the United States**

<b>State</b>	<b>Installation or Location</b>	<b>Amount</b>
<i>Arizona .....</i>	<i>Camp Navajo .....</i>	<i>\$14,800,000</i>
<i>California .....</i>	<i>Marine Corps Base Camp Pendleton .....</i>	<i>\$127,930,000</i>
	<i>Marine Corps Air Station Miramar .....</i>	<i>\$31,980,000</i>
	<i>Naval Air Station Lemoore .....</i>	<i>\$127,590,000</i>
	<i>Naval Base Coronado .....</i>	<i>\$156,580,000</i>
	<i>Naval Base San Diego .....</i>	<i>\$176,040,000</i>
	<i>Naval Base Ventura .....</i>	<i>\$53,160,000</i>
	<i>Naval Weapons Station Seal Beach .....</i>	<i>\$139,630,000</i>
<i>District of Columbia ...</i>	<i>Naval Observatory .....</i>	<i>\$115,600,000</i>
<i>Florida .....</i>	<i>Naval Air Station Whiting Field .....</i>	<i>\$10,000,000</i>
	<i>Naval Station Mayport .....</i>	<i>\$111,460,000</i>
<i>Georgia .....</i>	<i>Marine Corps Logistics Base Albany .....</i>	<i>\$31,900,000</i>
<i>Guam .....</i>	<i>Joint Region Marianas .....</i>	<i>\$355,257,000</i>
<i>Hawaii .....</i>	<i>Joint Base Pearl Harbor-Hickam .....</i>	<i>\$123,320,000</i>
	<i>Marine Corps Base Hawaii .....</i>	<i>\$66,100,000</i>
<i>Maine .....</i>	<i>Portsmouth Naval Yard .....</i>	<i>\$149,685,000</i>
<i>Mississippi .....</i>	<i>Naval Construction Battalion Center .....</i>	<i>\$22,300,000</i>
<i>North Carolina .....</i>	<i>Marine Corps Base Camp Lejeune .....</i>	<i>\$51,300,000</i>
	<i>Marine Corps Air Station Cherry Point .....</i>	<i>\$240,830,000</i>
<i>Pennsylvania .....</i>	<i>Naval Support Activity Philadelphia .....</i>	<i>\$71,050,000</i>
<i>South Carolina .....</i>	<i>Marine Corps Air Station Beaufort .....</i>	<i>\$15,817,000</i>
	<i>Marine Corps Recruit Depot, Parris Island ...</i>	<i>\$35,190,000</i>
<i>Utah .....</i>	<i>Hill Air Force Base .....</i>	<i>\$105,520,000</i>
<i>Virginia .....</i>	<i>Marine Corps Base Quantico .....</i>	<i>\$13,100,000</i>

***Navy: Inside the United States—Continued***

<b><i>State</i></b>	<b><i>Installation or Location</i></b>	<b><i>Amount</i></b>
<i>Washington .....</i>	<i>Norfolk Naval Shipyard .....</i>	<i>\$26,120,000</i>
	<i>Naval Base Kitsap .....</i>	<i>\$88,960,000</i>
	<i>Naval Air Station Whidbey Island .....</i>	<i>\$27,380,000</i>

1       ***(b) OUTSIDE THE UNITED STATES.—****Using amounts*  
2 *appropriated pursuant to the authorization of appropria-*  
3 *tions in section 2204(a) and available for military con-*  
4 *struction projects outside the United States as specified in*  
5 *the funding table in section 4601, the Secretary of the Navy*  
6 *may acquire real property and carry out military construc-*  
7 *tion projects for the installation or location outside the*  
8 *United States, and in the amounts, set forth in the following*  
9 *table:*

***Navy: Outside the United States***

<b><i>Country</i></b>	<b><i>Installation or Location</i></b>	<b><i>Amount</i></b>
<i>Bahamas .....</i>	<i>Andros Island .....</i>	<i>\$31,050,000</i>
<i>Bahrain .....</i>	<i>SW Asia .....</i>	<i>\$26,340,000</i>
<i>Cuba .....</i>	<i>Naval Station Guantanamo Bay .....</i>	<i>\$104,700,000</i>
<i>Germany .....</i>	<i>Panzer Kaserne .....</i>	<i>\$43,950,000</i>
<i>Japan .....</i>	<i>Kadena Air Base .....</i>	<i>\$9,049,000</i>

10 ***SEC. 2202. FAMILY HOUSING.***

11       ***(a) CONSTRUCTION AND ACQUISITION.—****Using*  
12 *amounts appropriated pursuant to the authorization of ap-*  
13 *propriations in section 2204(a) and available for military*  
14 *family housing functions as specified in the funding table*  
15 *in section 4601, the Secretary of the Navy may construct*  
16 *or acquire family housing units (including land acquisition*  
17 *and supporting facilities) at the installations or locations,*



1 *in the number of units, and in the amounts set forth in*  
 2 *the following table:*

***Navy: Family Housing***

<b><i>Country</i></b>	<b><i>Installation</i></b>	<b><i>Units</i></b>	<b><i>Amount</i></b>
<i>Guam .....</i>	<i>Joint Region Marianas .....</i>	<i>Replace Andersen Housing PH III ...</i>	<i>\$83,441,000</i>

3       ***(b) PLANNING AND DESIGN.***—*Using amounts appro-*  
 4 *priated pursuant to the authorization of appropriations in*  
 5 *section 2204(a) and available for military family housing*  
 6 *functions as specified in the funding table in section 4601,*  
 7 *the Secretary of the Navy may carry out architectural and*  
 8 *engineering services and construction design activities with*  
 9 *respect to the construction or improvement of family hous-*  
 10 *ing units in an amount not to exceed \$4,502,000.*

11 ***SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING***  
 12 ***UNITS.***

13       *Subject to section 2825 of title 10, United States Code,*  
 14 *and using amounts appropriated pursuant to the author-*  
 15 *ization of appropriations in section 2204(a) and available*  
 16 *for military family housing functions as specified in the*  
 17 *funding table in section 4601, the Secretary of the Navy*  
 18 *may improve existing military family housing units in an*  
 19 *amount not to exceed \$16,638,000.*

20 ***SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.***

21       ***(a) AUTHORIZATION OF APPROPRIATIONS.***—*Funds are*  
 22 *hereby authorized to be appropriated for fiscal years begin-*

1 *ning after September 30, 2018, for military construction,*  
 2 *land acquisition, and military family housing functions of*  
 3 *the Department of the Navy, as specified in the funding*  
 4 *table in section 4601.*

5 *(b) LIMITATION ON TOTAL COST OF CONSTRUCTION*  
 6 *PROJECTS.—Notwithstanding the cost variations author-*  
 7 *ized by section 2853 of title 10, United States Code, and*  
 8 *any other cost variation authorized by law, the total cost*  
 9 *of all projects carried out under section 2201 of this Act*  
 10 *may not exceed the total amount authorized to be appro-*  
 11 *priated under subsection (a), as specified in the funding*  
 12 *table in section 4601.*

13 ***TITLE XXIII—AIR FORCE***  
 14 ***MILITARY CONSTRUCTION***

15 ***SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND***  
 16 ***LAND ACQUISITION PROJECTS.***

17 *(a) INSIDE THE UNITED STATES.—Using amounts ap-*  
 18 *propriated pursuant to the authorization of appropriations*  
 19 *in section 2304(a) and available for military construction*  
 20 *projects inside the United States as specified in the funding*  
 21 *table in section 4601, the Secretary of the Air Force may*  
 22 *acquire real property and carry out military construction*  
 23 *projects for the installations or locations inside the United*  
 24 *States, and in the amounts, set forth in the following table:*

***Air Force: Inside the United States***

<b><i>State</i></b>	<b><i>Installation or Location</i></b>	<b><i>Amount</i></b>
<i>Alaska</i> .....	<i>Eielson Air Force Base</i> .....	\$63,800,000
<i>Arizona</i> .....	<i>Davis Monthan Air Force Base</i> ....	\$15,000,000
	<i>Luke Air Force Base</i> .....	\$40,000,000
<i>Arkansas</i> .....	<i>Little Rock Air Force Base</i> .....	\$26,000,000
<i>Florida</i> .....	<i>Eglin Air Force Base</i> .....	\$62,863,000
	<i>MacDill Air Force Base</i> .....	\$3,100,000
	<i>Patrick Air Force Base</i> .....	\$9,000,000
<i>Guam</i> .....	<i>Joint Region Marianas</i> .....	\$9,800,000
<i>Louisiana</i> .....	<i>Barksdale Air Force Base</i> .....	\$12,250,000
<i>Mariana Islands</i> .....	<i>Tinian</i> .....	\$50,700,000
<i>Maryland</i> .....	<i>Joint Base Andrews</i> .....	\$58,000,000
<i>Massachusetts</i> .....	<i>Hanscom Air Force Base</i> .....	\$225,000,000
<i>Nebraska</i> .....	<i>Offutt Air Force Base</i> .....	\$9,500,000
<i>Nevada</i> .....	<i>Creech Air Force Base</i> .....	\$59,000,000
	<i>Nellis Air Force Base</i> .....	\$5,900,000
<i>New Mexico</i> .....	<i>Holloman Air Force Base</i> .....	\$85,000,000
	<i>Kirtland Air Force Base</i> .....	\$7,000,000
<i>New York</i> .....	<i>Rome Lab</i> .....	\$14,200,000
<i>North Dakota</i> .....	<i>Minot Air Force Base</i> .....	\$66,000,000
<i>Ohio</i> .....	<i>Wright-Patterson Air Force Base</i> .....	\$182,000,000
<i>Oklahoma</i> .....	<i>Altus Air Force Base</i> .....	\$12,000,000
	<i>Tinker Air Force Base</i> .....	\$166,000,000
<i>South Carolina</i> .....	<i>Shaw Air Force Base</i> .....	\$53,000,000
<i>Utah</i> .....	<i>Hill Air Force Base</i> .....	\$26,000,000
<i>Washington</i> .....	<i>Fairchild-White Bluff</i> .....	\$14,000,000

1        *(b) OUTSIDE THE UNITED STATES.—Using amounts*  
2 *appropriated pursuant to the authorization of appropria-*  
3 *tions in section 2304(a) and available for military con-*  
4 *struction projects outside the United States as specified in*  
5 *the funding table in section 4601, the Secretary of the Air*  
6 *Force may acquire real property and carry out military*  
7 *construction projects for the installation or location outside*  
8 *the United States, and in the amount, set forth in the fol-*  
9 *lowing table:*

***Air Force: Outside the United States***

<b><i>Country</i></b>	<b><i>Installation or Location</i></b>	<b><i>Amount</i></b>
<i>United Kingdom</i> .....	<i>Royal Air Force Lakenheath</i> .....	\$148,467,000
<i>Worldwide Classified</i> .....	<i>Classified Location</i> .....	\$18,000,000

1 **SEC. 2302. FAMILY HOUSING.**

2       *Using amounts appropriated pursuant to the author-*  
3 *ization of appropriations in section 2304(a) and available*  
4 *for military family housing functions as specified in the*  
5 *funding table in section 4601, the Secretary of the Air Force*  
6 *may carry out architectural and engineering services and*  
7 *construction design activities with respect to the construc-*  
8 *tion or improvement of family housing units in an amount*  
9 *not to exceed \$3,199,000.*

10 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
11 **UNITS.**

12       *Subject to section 2825 of title 10, United States Code,*  
13 *and using amounts appropriated pursuant to the author-*  
14 *ization of appropriations in section 2304(a) and available*  
15 *for military family housing functions as specified in the*  
16 *funding table in section 4601, the Secretary of the Air Force*  
17 *may improve existing military family housing units in an*  
18 *amount not to exceed \$75,247,000.*

19 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**  
20 **FORCE.**

21       *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
22 *hereby authorized to be appropriated for fiscal years begin-*  
23 *ning after September 30, 2018, for military construction,*  
24 *land acquisition, and military family housing functions of*  
25 *the Department of the Air Force, as specified in the funding*  
26 *table in section 4601.*

1       (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
 2 *PROJECTS.*—*Notwithstanding the cost variations author-*  
 3 *ized by section 2853 of title 10, United States Code, and*  
 4 *any other cost variation authorized by law, the total cost*  
 5 *of all projects carried out under section 2301 of this Act*  
 6 *may not exceed the total amount authorized to be appro-*  
 7 *priated under subsection (a), as specified in the funding*  
 8 *table in section 4601.*

9       **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**  
 10                               **CERTAIN PHASED PROJECT AUTHORIZED IN**  
 11                               **FISCAL YEARS 2015, 2016, AND 2017.**

12       *In the case of the authorization contained in the table*  
 13 *in section 2301(b) of the Military Construction Authoriza-*  
 14 *tion Act for Fiscal Year 2015 (division B of Public Law*  
 15 *113-291; 128 Stat. 3679) for Royal Air Force Croughton*  
 16 *for JIAC Consolidation Phase 1, the authorization con-*  
 17 *tained in the table in section 2301(b) of the Military Con-*  
 18 *struction Authorization Act for Fiscal Year 2016 (division*  
 19 *B of Public Law 114-92; 129 Stat. 1153) for Croughton*  
 20 *Royal Air Force for JIAC Consolidation Phase 2, and the*  
 21 *authorization contained in the table in section 2301(b) of*  
 22 *the Military Construction Authorization Act for Fiscal Year*  
 23 *2017 (division B of Public Law 114-328; 130 Stat. 2697)*  
 24 *for Royal Air Force Croughton for JIAC Consolidation*  
 25 *Phase 3, the location shall be United Kingdom, Unspecified.*

1 **SEC. 2306. MODIFICATION OF AUTHORITY TO CARRY OUT**  
2 **CERTAIN FISCAL YEAR 2017 PROJECT.**

3 *In the case of the authorization contained in the table*  
4 *in section 2301(a) of the Military Construction Authoriza-*  
5 *tion Act for Fiscal Year 2017 (division B of Public Law*  
6 *114-328; 130 Stat. 2696) for Joint Base San Antonio,*  
7 *Texas, for construction of a basic military training recruit*  
8 *dormitory, the Secretary of the Air Force may construct*  
9 *a 26,537 square meter dormitory in the amount of*  
10 *\$92,300,000.*

11 **SEC. 2307. MODIFICATION OF AUTHORITY TO CARRY OUT**  
12 **CERTAIN FISCAL YEAR 2018 PROJECT.**

13 *In the case of the authorization contained in the table*  
14 *in section 2301(a) of the Military Construction Authoriza-*  
15 *tion Act for Fiscal Year 2018 (division B of Public Law*  
16 *115-91; 131 Stat. 1825) for the United States Air Force*  
17 *Academy, Colorado, for construction of a cyberworks facil-*  
18 *ity, the Secretary of the Air Force may construct a facility*  
19 *of up to 4,000 square meters.*

20 **SEC. 2308. ADDITIONAL AUTHORITY TO CARRY OUT CER-**  
21 **TAIN FISCAL YEAR 2019 PROJECTS.**

22 *(a) PROJECT AUTHORIZATIONS.—The Secretary of the*  
23 *Air Force may carry out military construction projects to*  
24 *construct—*

1           (1) a 6,702 square meter Joint Simulation Envi-  
 2           ronment Facility at Edwards Air Force Base, Cali-  
 3           fornia, in the amount of \$43,000,000;

4           (2) a 4,833 square meter Cyberspace Test Facil-  
 5           ity at Eglin Air Force Base, Florida, in the amount  
 6           of \$38,000,000; and

7           (3) a 4,735 square meter Joint Simulation Envi-  
 8           ronment Facility at Nellis Air Force Base, Nevada,  
 9           in the amount of \$30,000,000.

10       (b) *USE OF RESEARCH, DEVELOPMENT, TEST, AND*  
 11       *EVALUATION FUNDS.*—As provided for in the Defense Lab-  
 12       oratory Modernization Pilot Program authorized by section  
 13       2803 of the Military Construction Authorization Act for  
 14       Fiscal Year 2016 (10 U.S.C. 2358 note), the Secretary may  
 15       use funds available for research, development, test, and eval-  
 16       uation for the projects described in subsection (a).

17       **SEC. 2309. ADDITIONAL AUTHORITY TO CARRY OUT**  
 18                       **PROJECT AT TRAVIS AIR FORCE BASE, CALI-**  
 19                       **FORNIA, IN FISCAL YEAR 2019.**

20       *The Secretary of the Air Force may carry out a mili-*  
 21       *tary construction project to construct a 150,000 square foot*  
 22       *high-bay air cargo pallet storage and marshaling enclosure*  
 23       *integral to installation of a mechanized material handling*  
 24       *system at Travis Air Force Base, California, in the amount*  
 25       *of \$35,000,000.*

**TITLE XXIV—DEFENSE AGEN-  
CIES MILITARY CONSTRU-  
TION**

**SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRU-  
TION AND LAND ACQUISITION PROJECTS.**

(a) *INSIDE THE UNITED STATES.*—Using amounts ap-  
propriated pursuant to the authorization of appropriations  
in section 2403(a) and available for military construction  
projects inside the United States as specified in the funding  
table in section 4601, the Secretary of Defense may acquire  
real property and carry out military construction projects  
for the installations or locations inside the United States,  
and in the amounts, set forth in the following table:

**Defense Agencies: Inside the United States**

<b>State</b>	<b>Installation or Location</b>	<b>Amount</b>
Alaska .....	Clear Air Force Station .....	\$174,000,000
	Joint Base Elmendorf-Richardson .....	\$14,000,000
Arkansas .....	Little Rock Air Force Base .....	\$14,000,000
California .....	Marine Corps Base Camp Pendleton .....	\$12,596,000
	Defense Distribution Depot-Tracy .....	\$18,800,000
	Naval Base Coronado .....	\$71,088,000
Colorado .....	Fort Carson .....	\$24,297,000
Conus Classified .....	Classified Location .....	\$49,222,000
Kentucky .....	Fort Campbell .....	\$82,298,000
Maine .....	Kittery .....	\$11,600,000
Maryland .....	Fort Meade .....	\$805,000,000
Missouri .....	St. Louis .....	\$447,800,000
New Jersey .....	Joint Base McGuire-Dix-Lakehurst .....	\$10,200,000
North Carolina .....	Fort Bragg .....	\$32,366,000
	Marine Corps Air Station New River .....	\$32,580,000
Oklahoma .....	McAlester .....	\$7,000,000
Texas .....	Joint Base San Antonio .....	\$10,200,000
	Red River Army Depot .....	\$71,500,000
Virginia .....	Fort A.P. Hill .....	\$11,734,000
	Fort Belvoir .....	\$6,127,000
	Humphreys Engineer Center .....	\$20,257,000
	Joint Base Langley-Eustis .....	\$12,700,000
	Pentagon .....	\$35,850,000
Washington .....	Training Center Dam Neck .....	\$8,959,000
	Joint Base Lewis-McChord .....	\$26,200,000



(b) *OUTSIDE THE UNITED STATES.*—Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of Defense may acquire real property and carry out military construction projects for the installations or locations outside the United States, and in the amounts, set forth in the following table:

***Defense Agencies: Outside the United States***

<b><i>Country</i></b>	<b><i>Installation or Location</i></b>	<b><i>Amount</i></b>
<i>Belgium</i> .....	<i>Chievres Air Base</i> .....	<i>\$14,305,000</i>
<i>Cuba</i> .....	<i>Naval Station Guantanamo Bay</i> .....	<i>\$9,080,000</i>
<i>Germany</i> .....	<i>Baumholder</i> .....	<i>\$11,504,000</i>
	<i>Kaiserslautern Air Base</i> .....	<i>\$99,955,000</i>
	<i>Wiesbaden</i> .....	<i>\$56,048,000</i>
<i>Japan</i> .....	<i>Camp McTureous</i> .....	<i>\$94,851,000</i>
	<i>Iwakuni</i> .....	<i>\$33,200,000</i>
	<i>Kadena Air Base</i> .....	<i>\$21,400,000</i>
	<i>Yokosuka</i> .....	<i>\$170,386,000</i>

**SEC. 2402. AUTHORIZED ENERGY CONSERVATION PROJECTS.**

Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for energy conservation projects as specified in the funding table in section 4601, the Secretary of Defense may carry out energy conservation projects under chapter 173 of title 10, United States Code, in the amount set forth in the table.

1 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DEFENSE**  
2 **AGENCIES.**

3 (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
4 *hereby authorized to be appropriated for fiscal years begin-*  
5 *ning after September 30, 2018, for military construction,*  
6 *land acquisition, and military family housing functions of*  
7 *the Department of Defense (other than the military depart-*  
8 *ments), as specified in the funding table in section 4601.*

9 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
10 *PROJECTS.—Notwithstanding the cost variations author-*  
11 *ized by section 2853 of title 10, United States Code, and*  
12 *any other cost variation authorized by law, the total cost*  
13 *of all projects carried out under section 2401 of this Act*  
14 *may not exceed the total amount authorized to be appro-*  
15 *priated under subsection (a), as specified in the funding*  
16 *table in section 4601.*

17 **SEC. 2404. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
18 **FISCAL YEAR 2015 PROJECTS.**

19 (a) *EXTENSION.—Notwithstanding section 2002 of the*  
20 *Military Construction Authorization Act for Fiscal Year*  
21 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
22 *the authorizations set forth in the table in subsection (b),*  
23 *as provided in section 2401 of that Act (128 Stat. 3681)*  
24 *and as amended by section 2406 of the Military Construc-*  
25 *tion Authorization Act for Fiscal Year 2018 (division B*  
26 *of Public Law 115–91; 131 Stat. 1831), shall remain in*

1 *effect until October 1, 2019, or the date of the enactment*  
 2 *of an Act authorizing funds for military construction for*  
 3 *fiscal year 2020, whichever is later.*

4 (b) *TABLE.—The table referred to in subsection (a) is*  
 5 *as follows:*

***Defense Agencies: Extension of 2015 Project Authorizations***

<b><i>State/Country</i></b>	<b><i>Installation or Location</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
<i>Japan .....</i>	<i>Commander Fleet Activities Sasebo .....</i>	<i>E.J. King High School Replacement/Renovation .....</i>	<i>\$37,681,000</i>
<i>Japan .....</i>	<i>Okinawa .....</i>	<i>Kubasaki High School Replacement/Renovation .....</i>	<i>\$99,420,000</i>
<i>New Mexico .....</i>	<i>Cannon AFB .....</i>	<i>SOF Squadron Operations Facility (STS) .....</i>	<i>\$23,333,000</i>
<i>Virginia .....</i>	<i>Pentagon .....</i>	<i>Redundant Chilled Water Loop .....</i>	<i>\$15,100,000</i>

6 ***TITLE XXV—INTERNATIONAL***  
 7 ***PROGRAMS***

8 ***Subtitle A—North Atlantic Treaty***  
 9 ***Organization Security Invest-***  
 10 ***ment Program***

11 ***SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND***  
 12 ***ACQUISITION PROJECTS.***

13 *The Secretary of Defense may make contributions for*  
 14 *the North Atlantic Treaty Organization Security Invest-*  
 15 *ment Program as provided in section 2806 of title 10,*  
 16 *United States Code, in an amount not to exceed the sum*  
 17 *of the amount authorized to be appropriated for this pur-*  
 18 *pose in section 2502 and the amount collected from the*

1 *North Atlantic Treaty Organization as a result of construc-*  
 2 *tion previously financed by the United States.*

3 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

4 *Funds are hereby authorized to be appropriated for fis-*  
 5 *cal years beginning after September 30, 2018, for contribu-*  
 6 *tions by the Secretary of Defense under section 2806 of title*  
 7 *10, United States Code, for the share of the United States*  
 8 *of the cost of projects for the North Atlantic Treaty Organi-*  
 9 *zation Security Investment Program authorized by section*  
 10 *2501 as specified in the funding table in section 4601.*

11 ***Subtitle B—Host Country In-Kind***  
 12 ***Contributions***

13 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**  
 14 **PROJECTS.**

15 *Pursuant to agreement with the Republic of Korea for*  
 16 *required in-kind contributions, the Secretary of Defense*  
 17 *may accept military construction projects for the installa-*  
 18 *tions or locations, and in the amounts, set forth in the fol-*  
 19 *lowing table:*

***Republic of Korea Funded Construction Projects***

<b><i>Country</i></b>	<b><i>Compo-</i></b> <b><i>nent</i></b>	<b><i>Installation</i></b> <b><i>or Location</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
<i>Korea .....</i>	<i>Army .....</i>	<i>Camp Carroll</i>	<i>Upgrade Electrical Distribu-</i> <i>tion, Phase 2 .....</i>	<i>\$52,000,000</i>
	<i>Army .....</i>	<i>Camp Hum-</i> <i>phreys .....</i>	<i>Site Development .....</i>	<i>\$7,800,000</i>
	<i>Army .....</i>	<i>Camp Hum-</i> <i>phreys .....</i>	<i>Air Support Operations</i> <i>Squadron .....</i>	<i>\$25,000,000</i>
	<i>Army .....</i>	<i>Camp Hum-</i> <i>phreys .....</i>	<i>Unaccompanied Enlisted</i> <i>Personnel Housing, P2 .....</i>	<i>\$76,000,000</i>

***Republic of Korea Funded Construction Projects—Continued***

<b><i>Country</i></b>	<b><i>Component</i></b>	<b><i>Installation or Location</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
	<i>Army .....</i>	<i>Camp Humphreys .....</i>	<i>Echelon Above Brigade Engineer Battalion, VMF .....</i>	<i>\$123,000,000</i>
	<i>Army .....</i>	<i>Camp Walker</i>	<i>Repair/Replace Sewer Piping System .....</i>	<i>\$8,000,000</i>
	<i>Navy .....</i>	<i>Chinhae .....</i>	<i>Indoor Training Pool .....</i>	<i>\$7,400,000</i>
	<i>Navy .....</i>	<i>Pohang Air Base .....</i>	<i>Replace Ordnance Storage Magazines .....</i>	<i>\$87,000,000</i>
	<i>Air Force</i>	<i>Gimhae Air Base .....</i>	<i>Airfield Damage Repair Warehouse .....</i>	<i>\$7,600,000</i>
	<i>Air Force</i>	<i>Gwangju Air Base .....</i>	<i>Airfield Damage Repair Warehouse .....</i>	<i>\$7,600,000</i>
	<i>Air Force</i>	<i>Kunsan Air Base .....</i>	<i>Explosive Ordnance Disposal Facility .....</i>	<i>\$8,000,000</i>
	<i>Air Force</i>	<i>Kunsan Air Base .....</i>	<i>Upgrade Flow-Through Fuel System .....</i>	<i>\$23,000,000</i>
	<i>Air Force</i>	<i>Osan Air Base</i>	<i>5th Reconnaissance Squadron Aircraft Shelter .....</i>	<i>\$12,000,000</i>
	<i>Air Force</i>	<i>Osan Air Base</i>	<i>Airfield Damage Repair Facility .....</i>	<i>\$22,000,000</i>
	<i>Air Force</i>	<i>Osan Air Base</i>	<i>Communications HQ Building .....</i>	<i>\$45,000,000</i>
	<i>Air Force</i>	<i>Suwon Air Base .....</i>	<i>Airfield Damage Repair Warehouse .....</i>	<i>\$7,200,000</i>

1                   ***TITLE XXVI—GUARD AND***  
2                   ***RESERVE FORCES FACILITIES***  
3                   ***Subtitle A—Project Authorizations***  
4                   ***and Authorization of Appropriations***  
5                   ***tions***

6                   ***SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-***  
7                                   ***STRUCTION AND LAND ACQUISITION***  
8                                   ***PROJECTS.***

9                   *Using amounts appropriated pursuant to the author-*  
10                   *ization of appropriations in section 2606 and available for*  
11                   *the National Guard and Reserve as specified in the funding*

1 *table in section 4601, the Secretary of the Army may ac-*  
 2 *quire real property and carry out military construction*  
 3 *projects for the Army National Guard locations inside the*  
 4 *United States, and in the amounts, set forth in the following*  
 5 *table:*

**Army National Guard**

<b>State</b>	<b>Location</b>	<b>Amount</b>
<i>Alaska .....</i>	<i>Joint Base Elmendorf-Richardson .....</i>	<i>\$27,000,000</i>
<i>Illinois .....</i>	<i>Marseilles Training Center .....</i>	<i>\$5,000,000</i>
<i>Montana .....</i>	<i>Malta .....</i>	<i>\$15,000,000</i>
<i>Nevada .....</i>	<i>North Las Vegas .....</i>	<i>\$32,000,000</i>
<i>New Hampshire .....</i>	<i>Pembroke .....</i>	<i>\$12,000,000</i>
<i>North Dakota .....</i>	<i>Fargo .....</i>	<i>\$32,000,000</i>
<i>Ohio .....</i>	<i>Camp Ravenna .....</i>	<i>\$7,400,000</i>
<i>Oklahoma .....</i>	<i>Lexington .....</i>	<i>\$11,000,000</i>
<i>South Dakota .....</i>	<i>Rapid City .....</i>	<i>\$15,000,000</i>

6 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**  
 7 **AND LAND ACQUISITION PROJECTS.**

8 *Using amounts appropriated pursuant to the author-*  
 9 *ization of appropriations in section 2606 and available for*  
 10 *the National Guard and Reserve as specified in the funding*  
 11 *table in section 4601, the Secretary of the Army may ac-*  
 12 *quire real property and carry out military construction*  
 13 *projects for the Army Reserve locations inside the United*  
 14 *States, and in the amounts, set forth in the following table:*

**Army Reserve: Inside the United States**

<b>State</b>	<b>Location</b>	<b>Amount</b>
<i>California .....</i>	<i>Fort Irwin .....</i>	<i>\$34,000,000</i>
<i>Washington .....</i>	<i>Yakima Training Center .....</i>	<i>\$23,000,000</i>
<i>Wisconsin .....</i>	<i>Fort McCoy .....</i>	<i>\$23,000,000</i>

1 **SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE**  
 2 **CORPS RESERVE CONSTRUCTION AND LAND**  
 3 **ACQUISITION PROJECTS.**

4 *Using amounts appropriated pursuant to the author-*  
 5 *ization of appropriations in section 2606 and available for*  
 6 *the National Guard and Reserve as specified in the funding*  
 7 *table in section 4601, the Secretary of the Navy may ac-*  
 8 *quire real property and carry out military construction*  
 9 *projects for the Navy Reserve and Marine Corps Reserve*  
 10 *locations inside the United States, and in the amounts, set*  
 11 *forth in the following table:*

***Navy Reserve and Marine Corps Reserve***

<b><i>State</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>California .....</i>	<i>Naval Weapons Station Seal Beach .....</i>	<i>\$21,740,000</i>
<i>Georgia .....</i>	<i>Fort Benning .....</i>	<i>\$13,630,000</i>

12 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUC-**  
 13 **TION AND LAND ACQUISITION PROJECTS.**

14 *Using amounts appropriated pursuant to the author-*  
 15 *ization of appropriations in section 2606 and available for*  
 16 *the National Guard and Reserve as specified in the funding*  
 17 *table in section 4601, the Secretary of the Air Force may*  
 18 *acquire real property and carry out military construction*  
 19 *projects for the Air National Guard locations inside the*  
 20 *United States, and in the amounts, set forth in the following*  
 21 *table:*

***Air National Guard***

<b><i>State</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>California .....</i>	<i>Channel Islands Air National Guard Station .....</i>	<i>\$8,000,000</i>

*Air National Guard—Continued*

<i>State</i>	<i>Location</i>	<i>Amount</i>
<i>Hawaii .....</i>	<i>Joint Base Pearl Harbor-Hickam .....</i>	<i>\$17,000,000</i>
<i>Illinois .....</i>	<i>Greater Peoria Regional Airport .....</i>	<i>\$9,000,000</i>
<i>Louisiana .....</i>	<i>Naval Air Station Joint Reserve Base New Orleans</i>	<i>\$39,000,000</i>
<i>Minnesota .....</i>	<i>Duluth International Airport .....</i>	<i>\$8,000,000</i>
<i>Montana .....</i>	<i>Great Falls International Airport .....</i>	<i>\$9,000,000</i>
<i>New York .....</i>	<i>Francis S. Gabreski Airport .....</i>	<i>\$20,000,000</i>
<i>Ohio .....</i>	<i>Mansfield Lahm Airport .....</i>	<i>\$13,000,000</i>
	<i>Rickenbacker International Airport .....</i>	<i>\$8,000,000</i>
<i>Pennsylvania .....</i>	<i>Fort Indiantown Gap .....</i>	<i>\$8,000,000</i>
<i>Virginia .....</i>	<i>Joint Base Langley-Eustis .....</i>	<i>\$10,000,000</i>

1 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUC-**  
2 **TION AND LAND ACQUISITION PROJECTS.**

3 *Using amounts appropriated pursuant to the author-*  
4 *ization of appropriations in section 2606 and available for*  
5 *the National Guard and Reserve as specified in the funding*  
6 *table in section 4601, the Secretary of the Air Force may*  
7 *acquire real property and carry out military construction*  
8 *projects for the Air Force Reserve locations inside the*  
9 *United States, and in the amounts, set forth in the following*  
10 *table:*

*Air Force Reserve*

<i>State</i>	<i>Location</i>	<i>Amount</i>
<i>Florida .....</i>	<i>Patrick Air Force Base .....</i>	<i>\$24,000,000</i>
<i>Indiana .....</i>	<i>Grissom Air Reserve Base .....</i>	<i>\$21,500,000</i>
<i>Massachusetts .....</i>	<i>Westover Air Reserve Base .....</i>	<i>\$42,600,000</i>
<i>Minnesota .....</i>	<i>Minneapolis-St. Paul International Airport .....</i>	<i>\$9,000,000</i>
<i>Mississippi .....</i>	<i>Keesler Air Force Base .....</i>	<i>\$4,550,000</i>
<i>New York .....</i>	<i>Niagara Falls International Airport .....</i>	<i>\$14,000,000</i>
<i>Ohio .....</i>	<i>Youngstown Air Reserve Station .....</i>	<i>\$8,800,000</i>
<i>Texas .....</i>	<i>Naval Air Station Joint Reserve Base Fort Worth ..</i>	<i>\$3,100,000</i>

11 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**  
12 **TIONAL GUARD AND RESERVE.**

13 *Funds are hereby authorized to be appropriated for fis-*  
14 *cal years beginning after September 30, 2018, for the costs*



1 of acquisition, architectural and engineering services, and  
2 construction of facilities for the Guard and Reserve Forces,  
3 and for contributions therefor, under chapter 1803 of title  
4 10, United States Code (including the cost of acquisition  
5 of land for those facilities), as specified in the funding table  
6 in section 4601.

## 7 ***Subtitle B—Other Matters***

### 8 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT** 9 **CERTAIN FISCAL YEAR 2016 PROJECT.**

10 *In the case of the authorization contained in the table*  
11 *in section 2603 of the Military Construction Authorization*  
12 *Act for Fiscal Year 2016 (division B of Public Law 114–*  
13 *92; 129 Stat. 1164) for construction of a Reserve Training*  
14 *Center Complex at Dam Neck, Virginia, the Secretary of*  
15 *the Navy may construct the Reserve Training Center Com-*  
16 *plex at Joint Expeditionary Base Little Creek-Story, Vir-*  
17 *ginia.*

### 18 **SEC. 2612. MODIFICATION OF AUTHORITY TO CARRY OUT** 19 **CERTAIN FISCAL YEAR 2018 PROJECT.**

20 *In the case of the authorization contained in the table*  
21 *in section 2601 of the Military Construction Authorization*  
22 *Act for Fiscal Year 2018 (division B of Public Law 115–*  
23 *91; 131 Stat. 1834) for Fort Belvoir, Virginia, for additions*  
24 *and alterations to the National Guard Readiness Center,*

1 *the Secretary of the Army may construct a new readiness*  
 2 *center.*

3 **SEC. 2613. ADDITIONAL AUTHORITY TO CARRY OUT CER-**  
 4 **TAIN FISCAL YEAR 2019 PROJECT.**

5 *(a) PROJECT AUTHORIZATION.—*

6 *(1) PROJECT.—The Secretary of the Navy may*  
 7 *carry out a military construction project to construct*  
 8 *a 50,000 square foot reserve training center, 6,600*  
 9 *square foot combat vehicle maintenance and storage*  
 10 *facility, 2,400 square foot vehicle wash rack, 1,600*  
 11 *square foot covered training area, road improvements,*  
 12 *and associated supporting facilities.*

13 *(2) ACQUISITION OF LAND.—As part of the*  
 14 *project under this subsection, the Secretary may ac-*  
 15 *quire approximately 8.5 acres of adjacent land and*  
 16 *obtain necessary interest in land at Pittsburgh, Penn-*  
 17 *sylvania, for the construction and operation of the re-*  
 18 *serve training center.*

19 *(3) AMOUNT OF AUTHORIZATION.—The total*  
 20 *amount of funds the Secretary may obligate and ex-*  
 21 *pend on activities under this subsection during fiscal*  
 22 *year 2019 may not exceed \$17,650,000.*

23 *(b) USE OF UNOBLIGATED PRIOR-YEAR NAVY MILI-*  
 24 *TARY CONSTRUCTION RESERVE FUNDS.—The Secretary*

1 *may use available, unobligated Navy military construction*  
 2 *reserve funds for the project described in subsection (a).*

3 *(c) CONGRESSIONAL NOTIFICATION.—The Secretary of*  
 4 *the Navy shall provide information in accordance with sec-*  
 5 *tion 2851(c) of title 10, United States Code, regarding the*  
 6 *project described in subsection (a). If it becomes necessary*  
 7 *to exceed the estimated project cost, the Secretary shall uti-*  
 8 *lize the authority provided by section 2853 of such title re-*  
 9 *garding authorized cost and scope of work variations.*

10 ***TITLE XXVII—BASE REALIGN-***  
 11 ***MENT AND CLOSURE ACTIVI-***  
 12 ***TIES***

13 ***SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR BASE***  
 14 ***REALIGNMENT AND CLOSURE ACTIVITIES***  
 15 ***FUNDED THROUGH DEPARTMENT OF DE-***  
 16 ***FENSE BASE CLOSURE ACCOUNT.***

17 *Funds are hereby authorized to be appropriated for fis-*  
 18 *cal years beginning after September 30, 2018, for base re-*  
 19 *alignment and closure activities, including real property*  
 20 *acquisition and military construction projects, as author-*  
 21 *ized by the Defense Base Closure and Realignment Act of*  
 22 *1990 (part A of title XXIX of Public Law 101-510; 10*  
 23 *U.S.C. 2687 note) and funded through the Department of*  
 24 *Defense Base Closure Account established by section 2906*  
 25 *of such Act (as amended by section 2711 of the Military*

1 *Construction Authorization Act for Fiscal Year 2013 (divi-*  
 2 *sion B of Public Law 112-239; 126 Stat. 2140)), as speci-*  
 3 *fied in the funding table in section 4601.*

4 **SEC. 2702. ADDITIONAL AUTHORITY TO REALIGN OR CLOSE**  
 5 **CERTAIN MILITARY INSTALLATIONS.**

6 (a) *AUTHORIZATION.*—*Notwithstanding sections 993*  
 7 *or 2687 of title 10, United States Code, and subject to sub-*  
 8 *section (d), the Secretary of Defense may take such actions*  
 9 *as may be necessary to carry out the realignment or closure*  
 10 *of a military installation in a State during a fiscal year*  
 11 *if—*

12 (1) *the military installation is the subject of a*  
 13 *notice which is described in subsection (b); and*

14 (2) *the Secretary includes the military installa-*  
 15 *tion in the report submitted under paragraph (2) of*  
 16 *subsection (c) with respect to the fiscal year.*

17 (b) *NOTICE FROM GOVERNOR OF STATE.*—*A notice de-*  
 18 *scribed in this subsection is a notice received by the Sec-*  
 19 *retary of Defense from the Governor of a State (or, in the*  
 20 *case of the District of Columbia, the Mayor of the District*  
 21 *of Columbia) in which the Governor recommends that the*  
 22 *Secretary carry out the realignment or closure of a military*  
 23 *installation located in the State, and which includes each*  
 24 *of the following elements:*

1           (1) *A specific description of the military instal-*  
2           *lation, or a specific description of the relevant real*  
3           *and personal property.*

4           (2) *Statements of support for the realignment or*  
5           *closure from units of local government in which the*  
6           *installation is located.*

7           (3) *A detailed plan for the reuse or redevelop-*  
8           *ment of the real and personal property of the installa-*  
9           *tion, together with a description of the local redevelop-*  
10          *ment authority which will be responsible for the*  
11          *implementation of the plan.*

12          (c) *RESPONSE TO NOTICE.—*

13           (1) *MANDATORY RESPONSE TO GOVERNOR AND*  
14           *CONGRESS.—Not later than 1 year after receiving a*  
15           *notice from the Governor of a State (or, in the case*  
16           *of the District of Columbia, from the Mayor of the*  
17           *District of Columbia), the Secretary of Defense shall*  
18           *submit a response to the notice to the Governor and*  
19           *the congressional defense committees indicating*  
20           *whether or not the Secretary accepts the recommenda-*  
21           *tion for the realignment or closure of a military in-*  
22           *stallation which is the subject of the notice.*

23           (2) *ACCEPTANCE OF RECOMMENDATION.—If the*  
24           *Secretary of Defense determines that it is in the inter-*  
25           *ests of the United States to accept the recommenda-*

1        *tion for the realignment or closure of a military in-*  
2        *stallation which is the subject of a notice received*  
3        *under subsection (b) and intends to carry out the re-*  
4        *alignment or closure of the installation pursuant to*  
5        *the authority of this section during a fiscal year, at*  
6        *the time the budget is submitted under section*  
7        *1105(a) of title 31, United States Code, for the fiscal*  
8        *year, the Secretary shall submit a report to the con-*  
9        *gressional defense committees which includes the fol-*  
10       *lowing:*

11                *(A) The identification of each military in-*  
12                *stallation for which the Secretary intends to*  
13                *carry out a realignment or closure pursuant to*  
14                *the authority of this section during the fiscal*  
15                *year, together with the reasons the Secretary of*  
16                *Defense believes that it is in the interest of the*  
17                *United States to accept the recommendation of*  
18                *the Governor of the State involved for the re-*  
19                *alignment or closure of the installation.*

20                *(B) For each military installation identi-*  
21                *fied under subparagraph (A), a master plan de-*  
22                *scribing the required scope of work, cost, and*  
23                *timing for all facility actions needed to carry*  
24                *out the realignment or closure, including the*

1        *construction of new facilities and the repair or*  
2        *renovation of existing facilities.*

3            (C) *For each military installation identi-*  
4        *fied under subparagraph (A), a certification*  
5        *that, not later than the end of the fifth fiscal*  
6        *year after the completion of the realignment or*  
7        *closure, the savings resulting from the realign-*  
8        *ment or closure will exceed the costs of carrying*  
9        *out the realignment or closure, together with an*  
10       *estimate of the annual recurring savings that*  
11       *would be achieved by the realignment or closure*  
12       *of the installation and the timeframe required*  
13       *for the financial savings to exceed the costs of*  
14       *carrying out the realignment or closure.*

15       (d) *LIMITATIONS.—*

16            (1) *TIMING.—The Secretary may not initiate the*  
17        *realignment or closure of a military installation pur-*  
18        *suant to the authority of this section until the expira-*  
19        *tion of the 90-day period beginning on the date the*  
20        *Secretary submits the report under paragraph (2) of*  
21        *subsection (c).*

22            (2) *TOTAL COSTS.—Subject to appropriations,*  
23        *the aggregate cost to the government in carrying out*  
24        *the realignment or closure of military installations*  
25        *pursuant to the authority of this section for all fiscal*

1        *years may not exceed \$2,000,000,000. In determining*  
2        *the cost to the government for purposes of this section,*  
3        *there shall be included the costs of planning and de-*  
4        *sign, military construction, operations and mainte-*  
5        *nance, environmental restoration, information tech-*  
6        *nology, termination of public-private contracts, guar-*  
7        *antees, and other factors contributing to the cost of*  
8        *carrying out the realignment or closure, as deter-*  
9        *mined by the Secretary.*

10        *(e) PROCESS FOR IMPLEMENTATION.—The implemen-*  
11        *tation of the realignment or closure of a military installa-*  
12        *tion pursuant to the authority of this section shall be car-*  
13        *ried out in accordance with section 2905 of the Defense Base*  
14        *Closure and Realignment Act of 1990 (title XXIX of Public*  
15        *Law 101–510; 10 U.S.C. 2687 note) in the same manner*  
16        *as the implementation of a realignment or closure of a mili-*  
17        *tary installation pursuant to the authority of such Act.*

18        *(f) STATE DEFINED.—In this section, the term “State”*  
19        *means each of the several States, the District of Columbia,*  
20        *the Commonwealth of Puerto Rico, American Samoa,*  
21        *Guam, the United States Virgin Islands, and the Common-*  
22        *wealth of the Northern Mariana Islands.*

23        *(g) TERMINATION OF AUTHORITY.—The authority of*  
24        *the Secretary to carry out a realignment or closure pursu-*



1 *ant to this section shall terminate at the end of fiscal year*  
 2 *2029.*

3 **SEC. 2703. PROHIBITION ON CONDUCTING ADDITIONAL**  
 4 **BASE REALIGNMENT AND CLOSURE (BRAC)**  
 5 **ROUND.**

6 *Nothing in this Act shall be construed to authorize an*  
 7 *additional Base Realignment and Closure (BRAC) round.*

8 **TITLE XXVIII—MILITARY CON-**  
 9 **STRUCTION GENERAL PROVI-**  
 10 **SIONS**

11 **Subtitle A—Military Construction**  
 12 **Program and Military Family**  
 13 **Housing**

14 **SEC. 2801. COMMERCIAL CONSTRUCTION STANDARDS FOR**  
 15 **FACILITIES ON LEASED PROPERTY.**

16 *(a) USE OF COMMERCIAL STANDARDS.—Section*  
 17 *2667(b) of title 10, United States Code, is amended—*

18 *(1) by striking “and” at the end of paragraph*

19 *(6);*

20 *(2) by striking the period at the end of para-*  
 21 *graph (7) and inserting “; and”; and*

22 *(3) by adding at the end the following new para-*  
 23 *graph:*

24 *“(8) shall provide that any facilities constructed*  
 25 *on the property may be constructed using commercial*

1       standards in a manner that provides force protection  
 2       safeguards appropriate to the activities conducted in,  
 3       and the location of, such facilities.”.

4       (b) *EFFECTIVE DATE.*—The amendment made by sub-  
 5       section (a) shall apply with respect to leases entered into  
 6       during fiscal year 2019 or any succeeding fiscal year.

7       **SEC. 2802. EXTENSION OF TEMPORARY, LIMITED AUTHOR-**  
 8                               **ITY TO USE OPERATION AND MAINTENANCE**  
 9                               **FUNDS FOR CONSTRUCTION PROJECTS OUT-**  
 10                              **SIDE THE UNITED STATES.**

11       (a) *EXTENSION OF AUTHORITY.*—Subsection (h) of sec-  
 12       tion 2808 of the Military Construction Authorization Act  
 13       for Fiscal Year 2004 (division B of Public Law 108–136;  
 14       117 Stat. 1723), as most recently amended by section 2804  
 15       of the Military Construction Authorization Act for Fiscal  
 16       Year 2018 (division B of Public Law 115–91; 131 Stat.  
 17       1846), is amended—

18               (1) in paragraph (1), by striking “December 31,  
 19       2018” and inserting “December 31, 2019”; and

20               (2) in paragraph (2), by striking “fiscal year  
 21       2019” and inserting “fiscal year 2020”.

22       (b) *LIMITATION ON USE OF AUTHORITY.*—Subsection  
 23       (c)(1) of such section is amended—

24               (1) by striking “October 1, 2017” and inserting  
 25       “October 1, 2018”;

1           (2) by striking “December 31, 2018” and insert-  
 2           ing “December 31, 2019”; and

3           (3) by striking “fiscal year 2019” and inserting  
 4           “fiscal year 2020”.

5 **SEC. 2803. SMALL BUSINESS SET-ASIDE FOR CONTRACTS**  
 6                           **FOR ARCHITECTURAL AND ENGINEERING**  
 7                           **SERVICES AND CONSTRUCTION DESIGN.**

8           (a) *MANDATORY AWARD OF CONTRACTS UNDER*  
 9 *THRESHOLD AMOUNT.*—Section 2855(b)(1) of title 10,  
 10 *United States Code, is amended by striking “subsection*  
 11 *(a)—” and all that follows and inserting the following:*  
 12 *“subsection (a), if the Secretary concerned estimates that*  
 13 *the initial award of the contract will be in an amount less*  
 14 *than the threshold amount determined under paragraph (2),*  
 15 *the contract shall be awarded in accordance with the set*  
 16 *aside provisions of the Small Business Act (15 U.S.C. 631*  
 17 *et seq.).”.*

18           (b) *INCREASE IN THRESHOLD AMOUNT.*—Section  
 19 *2855(b)(2) of such title is amended—*

20                   (1) by striking “initial”;

21                   (2) by striking “\$300,000” and inserting  
 22                   “\$1,000,000”; and

23                   (3) by striking the second sentence.

1       (c) *EFFECTIVE DATE.*—*The amendments made by this*  
 2 *section shall apply with respect to fiscal year 2019 and each*  
 3 *succeeding fiscal year.*

4 **SEC. 2804. AUTHORITY TO OBTAIN ARCHITECTURAL AND**  
 5 **ENGINEERING SERVICES AND CONSTRU-**  
 6 **CTION DESIGN FOR DEFENSE LABORATORY**  
 7 **MODERNIZATION PROGRAM.**

8       (a) *AUTHORITY.*—*Section 2803 of the National De-*  
 9 *fense Authorization Act for Fiscal Year 2016 (Public Law*  
 10 *114–92; 129 Stat. 1169; 10 U.S.C. 2358 note) is amended—*

11               (1) *by redesignating subsection (f) as subsection*  
 12 *(g); and*

13               (2) *by inserting after subsection (e) the following*  
 14 *new subsection:*

15       “(f) *ADDITIONAL AUTHORITY TO USE FUNDS FOR RE-*  
 16 *LATED ARCHITECTURAL AND ENGINEERING SERVICES AND*  
 17 *CONTRACT DESIGN.*—

18               “(1) *AUTHORITY.*—*In addition to the authority*  
 19 *provided to the Secretary of Defense under subsection*  
 20 *(a) to use amounts appropriated or otherwise made*  
 21 *available for research, development, test, and evalua-*  
 22 *tion for a military construction project referred to in*  
 23 *such subsection, the Secretary of the military depart-*  
 24 *ment concerned may use amounts appropriated or*  
 25 *otherwise made available for research, development,*

1        *test, and evaluation to obtain architectural and engi-*  
 2        *neering services and to carry out construction design*  
 3        *in connection with such a project.*

4            “(2) *NOTICE REQUIREMENT.*—*In the case of ar-*  
 5        *chitectural and engineering services and construction*  
 6        *design to be undertaken under this subsection for*  
 7        *which the estimated cost exceeds \$1,000,000, the Sec-*  
 8        *retary concerned shall notify the appropriate commit-*  
 9        *tees of Congress of the scope of the proposed project*  
 10       *and the estimated cost of such services before the ini-*  
 11       *tial obligation of funds for such services. The Sec-*  
 12       *retary may then obligate funds for such services only*  
 13       *after the end of the 14-day period beginning on the*  
 14       *date on which the notification is received by the com-*  
 15       *mittees in an electronic medium pursuant to section*  
 16       *480 of this title.”.*

17        (b) *CONFORMING AMENDMENTS TO WAIVE CONDITIONS*  
 18       *APPLICABLE TO EXISTING AUTHORITY.*—

19            (1) *CONDITION ON AND SCOPE OF PROJECT AU-*  
 20        *THORITY.*—*Section 2803(b) of such Act is amended by*  
 21        *striking “project under this section” and inserting*  
 22        *“project under subsection (a)”.*

23            (2) *CONGRESSIONAL NOTIFICATION.*—*Section*  
 24        *2803(c) of such Act is amended by striking “carried*  
 25        *out under this section” each place it appears in para-*

(3) *DESCRIPTION OF AUTHORIZED PROJECTS.*—  
Section 2803(d) of such Act is amended by striking  
“provided by this section” and inserting “provided by  
subsection (a)”.

7 (4) *FUNDING LIMITATION.*—Section 2803(e) of  
8 such Act is amended by striking “projects under this  
9 section” and inserting “projects under subsection  
10 (a)”.

11           (c) *EXTENSION OF PERIOD OF AUTHORITY.*—Section  
12 2803(g) of such Act, as redesignated by subsection (a)(1),  
13 is amended by striking “October 1, 2020” and inserting  
14 “October 1, 2023”.

15           (d) *EFFECTIVE DATE.*—The amendments made by this  
16 section shall take effect as if included in the enactment of  
17 section 2803 of the National Defense Authorization Act for  
18 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1169; 10  
19 U.S.C. 2358 note).

20 *SEC. 2805. REPEAL OF LIMITATION ON CERTAIN GUAM*  
21 *PROJECT.*

(a) *REPEAL OF LIMITATION*.—Section 2879 of the Na-  
tional Defense Authorization Act for Fiscal Year 2018 (Pub-  
lic Law 115–91; 131 Stat. 1874) is amended by striking  
subsection (b).

1       (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
2 *section (a) shall take effect as if included in the enactment*  
3 *of the National Defense Authorization Act for Fiscal Year*  
4 *2018.*

5       **SEC. 2806. ENHANCING FORCE PROTECTION AND SAFETY**  
6               **ON MILITARY INSTALLATIONS.**

7       (a) *AUTHORIZATION OF ADDITIONAL PROJECTS.*—*In*  
8 *addition to any other military construction projects author-*  
9 *ized under this Act, the Secretary of the military depart-*  
10 *ment concerned may carry out military construction*  
11 *projects to enhance force protection and safety on military*  
12 *installations, as specified in the funding table in section*  
13 *4601.*

14       (b) *NOTICE AND WAIT REQUIREMENTS.*—*The Sec-*  
15 *retary concerned may obligate or expend funds to carry out*  
16 *a project under this section only after the end of the 14-*  
17 *day period beginning on the date on which the Secretary*  
18 *submits, in an electronic medium pursuant to section 480*  
19 *of title 10, United States Code, to the congressional defense*  
20 *committees a justification of the need for the project.*

21       (c) *EXPIRATION OF AUTHORIZATION.*—*Section 2002*  
22 *shall apply with respect to the authorization of a military*  
23 *construction project under this section in the same manner*  
24 *as such section applies to the authorization of a project con-*  
25 *tained in titles XXI through XXVII.*

1 **SEC. 2807. LIMITATION ON USE OF FUNDS FOR ACQUI-**  
2 **SION OF FURNISHED ENERGY FOR NEW MED-**  
3 **ICAL CENTER IN GERMANY.**

4 (a) *LIMITATION.*—No amounts authorized to be appro-  
5 priated or made available to the Secretary of Defense or  
6 the Secretary of any military department may be used to  
7 enter into a contract for the acquisition of furnished energy  
8 for the new Rhine Ordnance Barracks Army Medical Center  
9 (hereafter in this section referred to as the “Medical Cen-  
10 ter”) until the Secretary of Defense submits to the congres-  
11 sional defense committees a written certification that—

12 (1) *the source of furnished energy for the Medical*  
13 *Center will minimize the use of fuels sourced from in-*  
14 *side the Russian Federation;*

15 (2) *the design of the Medical Center will utilize*  
16 *a diversified energy supply from a mixed-fuel system*  
17 *as the source of furnished energy to sustain mission*  
18 *critical operations during any sustained energy sup-*  
19 *ply disruption caused by the Russian Federation; and*

20 (3) *to the extent available, domestically-sourced*  
21 *fuels shall be the preferred source for furnished energy*  
22 *for the Medical Center.*

23 (b) *WAIVER FOR NATIONAL SECURITY INTERESTS.*—  
24 *Subsection (a) shall not apply if the Secretary of Defense*  
25 *certifies to the congressional defense committees that a*



1 *waiver of such subsection is necessary to protect the na-*  
 2 *tional security interests of the United States.*

3 (c) *DEFINITION.—In this section, the term “furnished*  
 4 *energy” means energy furnished to the Medical Center in*  
 5 *any form and for any purpose, including heating, cooling,*  
 6 *and electricity.*

7 (d) *EFFECTIVE DATE.—This section shall take effect*  
 8 *on the date of the enactment of this Act.*

9 **SEC. 2808. TREATMENT OF LEASES OF NON-EXCESS PROP-**  
 10 **ERTY ENTERED INTO WITH INSURED DEPOSI-**  
 11 **TORY INSTITUTIONS.**

12 *Section 2667 of title 10, United States Code, is amend-*  
 13 *ed —*

14 (1) *in subsection (b)(4), by striking “amount*  
 15 *that” and inserting “amount that, except as provided*  
 16 *in subsection (c)(4),”; and*

17 (2) *in subsection (c), by adding at the end the*  
 18 *following new paragraph:*

19 “(4)(A) *With respect to a lease under this section en-*  
 20 *tered into with an insured depository institution (as de-*  
 21 *fined under section 3 of the Federal Deposit Insurance Act*  
 22 *(12 U.S.C. 1813)) after the date of the enactment of the*  
 23 *National Defense Authorization Act for Fiscal Year 2019,*  
 24 *the Secretary concerned shall accept the financial services*  
 25 *provided by the insured depository institution to members*

1 of the armed forces, civilian employees of the Department  
 2 of Defense, and dependents of such members or employees  
 3 as sufficient in-kind consideration to cover all lease, serv-  
 4 ices, and utilities costs assessed with regard to the leased  
 5 property.

6 “(B) With respect to a lease under this section which  
 7 was entered into with an insured depository institution be-  
 8 fore the date of the enactment of the National Defense Au-  
 9 thorization Act for Fiscal Year 2019, the Secretary con-  
 10 cerned may renegotiate the terms of such lease to apply sub-  
 11 paragraph (A) to such lease as if such subparagraph were  
 12 in effect at the time the Secretary entered into the lease.”.

## 13 ***Subtitle B—Real Property and*** 14 ***Facilities Administration***

### 15 ***SEC. 2811. OPTIONAL PARTICIPATION IN COLLECTION OF*** 16 ***INFORMATION ON UNUTILIZED AND UNDER-*** 17 ***UTILIZED MILITARY INSTALLATION PROP-*** 18 ***ERTIES AVAILABLE FOR HOMELESS ASSIST-*** 19 ***ANCE.***

20 (a) *MAKING PARTICIPATION BY AGENCIES OF DEPART-*  
 21 *MENT OF DEFENSE OPTIONAL.*—Section 501(a) of the  
 22 *McKinney-Vento Homeless Assistance Act* (42 U.S.C.  
 23 11411(a)) is amended—

24 (1) by striking “The Secretary of Housing” and  
 25 inserting “(1) The Secretary of Housing”; and

1           (2) by adding at the end the following new para-  
2       graphs:

3       “(2) *The transmittal of information by the head of a*  
4 *landholding agency of the Department of Defense under this*  
5 *subsection shall be optional in the case of an excess or sur-*  
6 *plus building, facility, or property if the Secretary of De-*  
7 *fense determines that the building, facility, or property—*

8           “(A) *would be for off-site use only; or*

9           “(B) *is located on an active military installation*  
10       *and is not subject to subsection (h).*

11       “(3) *If the Secretary of Defense makes a determination*  
12 *under paragraph (2) during a fiscal year, not later than*  
13 *90 days after the end of that fiscal year, the Secretary of*  
14 *Defense shall submit a report to the Committees on Armed*  
15 *Services, Banking, Housing, and Urban Affairs, and Home-*  
16 *land Security and Governmental Affairs of the Senate and*  
17 *the Committees on Armed Services, Financial Services, and*  
18 *Oversight and Government Reform of the House of Rep-*  
19 *resentatives listing all of the buildings, facilities, and prop-*  
20 *erties for which the Secretary of Defense made a determina-*  
21 *tion under paragraph (2) during that fiscal year. The Sec-*  
22 *retary of Defense shall submit the report in unclassified*  
23 *form, but may include a classified annex as necessary.”.*

1       (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
 2 *section (a) shall apply with respect to fiscal year 2019 and*  
 3 *each succeeding fiscal year.*

4 **SEC. 2812. FORCE STRUCTURE PLANS AND INFRASTRUC-**  
 5 **TURE CAPABILITIES NECESSARY TO SUPPORT**  
 6 **THE FORCE STRUCTURE.**

7       (a) *FORCE STRUCTURE PLANS AND INFRASTRUCTURE*  
 8 *CAPABILITIES.*—*Not later than the date on which the budg-*  
 9 *et of the President for fiscal year 2021 is submitted to Con-*  
 10 *gress pursuant to section 1105 of title 31, United States*  
 11 *Code, the Secretary of Defense shall develop and submit to*  
 12 *the congressional defense committees the following:*

13           (1) *A force structure plan for each of the Army,*  
 14 *Navy, Air Force, and Marine Corps and the reserve*  
 15 *components of each military department that is in-*  
 16 *formed by—*

17                   (A) *an assessment by the Secretary of De-*  
 18 *fense of the probable threats to the national secu-*  
 19 *rity of the United States; and*

20                   (B) *end-strength levels and major military*  
 21 *force units (including land force divisions, car-*  
 22 *rier and other major combatant vessels, air*  
 23 *wings, and other comparable units) authorized*  
 24 *in the National Defense Authorization Act for*  
 25 *Fiscal Year 2018 (Public Law 115–91).*

1           (2) *A categorical model of installation capabilities*  
2           *required to carry out the force structures plans*  
3           *described in paragraph (1) based on—*

4                     (A) *the infrastructure, real property, and*  
5                     *facilities capabilities required to carry out such*  
6                     *plans; and*

7                     (B) *the current military requirements of the*  
8                     *major military units referred to in subpara-*  
9                     *graph (B) of such paragraph.*

10       (b) *CONSISTENCY.—In developing force structure plans*  
11       *and categorical models of installation capabilities under*  
12       *subsection (a), the Secretary of Defense shall ensure that*  
13       *the infrastructure, real property, and facilities of each of*  
14       *the military departments are categorized and measured in*  
15       *consistent terms so as to facilitate comparisons.*

16       (c) *RELATIONSHIP TO INVENTORY.—Using the infor-*  
17       *mation in the force structure plans and categorical model*  
18       *developed under subsection (a), the Secretary of Defense*  
19       *shall submit to Congress each of the following:*

20                     (1) *An assessment of the requirements necessary*  
21                     *for carrying out the force structure plans compared to*  
22                     *existing infrastructure, real property, and facilities*  
23                     *capabilities, as documented in the records maintained*  
24                     *under section 2721 of title 10, United States Code.*

1           (2) *An identification of any deficit or surplus*  
 2           *capability in such infrastructure, real property, and*  
 3           *facilities—*

4                     (A) *for each military department; and*

5                     (B) *for locations within the continental*  
 6           *United States and territories.*

7   **SEC. 2813. RETROFITTING EXISTING WINDOWS IN MILITARY**  
 8                     **FAMILY HOUSING UNITS TO BE EQUIPPED**  
 9                     **WITH FALL PREVENTION DEVICES.**

10       (a) *AUTHORIZING FUNDING FOR RETROFITTING OR*  
 11       *REPLACING WINDOWS.—Section 2879 of title 10, United*  
 12       *States Code, as added by section 2817(a) of the National*  
 13       *Defense Authorization Act for Fiscal Year 2018 (131 Stat.*  
 14       *1851) is amended—*

15               (1) *in subsection (a)(1), by striking “subsection*  
 16       *(b)” and inserting “subsection (c)”;*

17               (2) *by redesignating subsections (b) and (c) as*  
 18       *subsections (c) and (d); and*

19               (3) *by inserting after subsection (a) the following*  
 20       *new subsection:*

21       “(b) *RETROFITTING OR REPLACING EXISTING WIN-*  
 22       *DOWS.—*

23               “(1) *PROGRAM TO RETROFIT EXISTING WIN-*  
 24       *DOWS.—The Secretary concerned shall carry out a*  
 25       *program under which, in military family housing*

1        *units acquired or constructed under this chapter*  
2        *which are not subject to the requirements of subsection*  
3        *(a), windows which are described in subsection (c),*  
4        *including windows designed for emergency escape or*  
5        *rescue, are retrofitted to be equipped with fall preven-*  
6        *tion devices described in paragraph (1) of subsection*  
7        *(a) or are replaced with windows which are equipped*  
8        *with fall prevention devices described in such para-*  
9        *graph.*

10            *“(2) GRANTS.—The Secretary concerned may*  
11        *carry out the program under this subsection by mak-*  
12        *ing grants to private entities to retrofit or replace ex-*  
13        *isting windows, in accordance with such criteria as*  
14        *the Secretary may establish by regulation.*

15            *“(3) USE OF OPERATIONS FUNDING.—The Sec-*  
16        *retary may carry out the program under this sub-*  
17        *section during a fiscal year with amounts made*  
18        *available to the Secretary for family housing oper-*  
19        *ations for such fiscal year.”.*

20            *(b) EFFECTIVE DATE.—The amendments made by this*  
21        *section shall apply with respect to fiscal year 2019 and each*  
22        *succeeding fiscal year.*

1 **SEC. 2814. UPDATING PROHIBITION ON USE OF CERTAIN**  
 2 **ASSESSMENT OF PUBLIC SCHOOLS ON DE-**  
 3 **PARTMENT OF DEFENSE INSTALLATIONS TO**  
 4 **SUPERSEDE FUNDING OF CERTAIN**  
 5 **PROJECTS.**

6 (a) *UPDATE.*—Paragraph (3) of section 2814(a) of the  
 7 *National Defense Authorization Act for Fiscal Year 2017*  
 8 *(Public Law 114–328; 130 Stat. 2717)*, as added by section  
 9 2818(a) of the *National Defense Authorization Act for Fis-*  
 10 *cal Year 2018 (Public Law 115–91; 131 Stat. 1852)*, is  
 11 amended by striking “33 projects” and inserting “38  
 12 projects”.

13 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
 14 section (a) shall take effect as if included in the enactment  
 15 of the *National Defense Authorization Act for Fiscal Year*  
 16 *2018*.

17 **Subtitle C—Land Conveyances**

18 **SEC. 2821. AUTHORITY FOR TRANSFER OF ADMINISTRATIVE**  
 19 **JURISDICTION OVER CERTAIN LANDS, MA-**  
 20 **RINE CORPS AIR GROUND COMBAT CENTER**  
 21 **TWENTYNINE PALMS, CALIFORNIA, AND MA-**  
 22 **RINE CORPS AIR STATION YUMA, ARIZONA.**

23 (a) *MARINE CORPS AIR GROUND COMBAT CENTER*  
 24 *TWENTYNINE PALMS, CALIFORNIA.*—

25 (1) *AUTHORITY FOR TRANSFER.*—Subject to  
 26 paragraph (2), the Secretary of the Navy may trans-



1     *fer to the Secretary of the Interior, at no cost, admin-*  
2     *istrative jurisdiction of approximately 2,105 acres of*  
3     *non-contiguous parcels of land within the Shared Use*  
4     *Area of the Marine Corps Air Ground Combat Center*  
5     *Twentynine Palms, California.*

6             (2) *CONDITION FOR TRANSFER.—The Secretary*  
7     *of the Navy may carry out the transfer under this*  
8     *subsection only if the Secretary of the Navy and the*  
9     *Secretary of the Interior each determine that the*  
10    *transfer is in the public interest and will be for the*  
11    *benefit of the Department of the Navy and the De-*  
12    *partment of the Interior, respectively.*

13            (3) *STATUS OF LAND AFTER TRANSFER.—Upon*  
14    *completion of the transfer under this subsection, the*  
15    *land over which the Secretary of the Interior obtains*  
16    *administrative jurisdiction shall become public land*  
17    *withdrawn and reserved under section 2941 of the*  
18    *National Defense Authorization Act for Fiscal Year*  
19    *2014 (Public Law 113–66; 127 Stat. 1034), and shall*  
20    *be managed in accordance with section 2942(b)(1) of*  
21    *such Act (Public Law 113–66; 127 Stat. 1036), in the*  
22    *same manner as other lands in the Shared Use Area.*

23            (4) *SHARED USE AREA DEFINED.—In this sub-*  
24    *section, the term “Shared Use Area” means the area*  
25    *described in section 2941(b)(2) of the National De-*

1 *fense Authorization Act for Fiscal Year 2014 (Public*  
2 *Law 113–66; 127 Stat. 1035).*

3 *(b) MARINE CORPS AIR STATION YUMA, ARIZONA.—*

4 *(1) AUTHORITY FOR TRANSFER.—Subject to*  
5 *paragraph (2), the Secretary of the Interior may*  
6 *transfer to the Secretary of the Navy, at no cost, ad-*  
7 *ministrative jurisdiction of approximately 256 acres*  
8 *of non-contiguous parcels of land within Marine*  
9 *Corps Air Station Yuma, Arizona which are used by*  
10 *the Department of the Navy as of the day before the*  
11 *date of the enactment of this Act pursuant to any of*  
12 *the following authorities:*

13 *(A) Public Land Order Number 2766 of Au-*  
14 *gust 28, 1962.*

15 *(B) Expired Public Land Order Number*  
16 *6804 of October 16, 1990.*

17 *(C) Memorandum of Understanding Num-*  
18 *ber 14-06-300-1266 of July 5, 1962, between the*  
19 *Department of the Interior and the Department*  
20 *of the Navy.*

21 *(2) CONDITION FOR TRANSFER.—The Secretary*  
22 *of the Interior may carry out the transfer under this*  
23 *subsection only if the Secretary of the Interior and*  
24 *the Secretary of the Navy each determine that the*  
25 *transfer is in the public interest and will be for the*

benefit of the Department of the Interior and the Department of the Navy, respectively.

(3) *WITHDRAWAL OF LAND AFTER TRANSFER.*—

Upon completion of the transfer under this subsection, the land over which the Secretary of the Navy obtains administrative jurisdiction—

(A) shall cease to be public land; and

(B) for as long as the land is under the administrative jurisdiction of the Secretary of the Navy or the Secretary of any other military department, shall be withdrawn from all forms of entry, appropriation, or disposal under the public land laws, from location, entry, and patent under the mining laws, and from disposition under all laws relating to mineral interests and to mineral and geothermal leasing.

**SEC. 2822. PUBLIC INVENTORY OF GUAM LAND PARCELS  
FOR TRANSFER TO GOVERNMENT OF GUAM.**

(a) *NET-NEGATIVE INVENTORY OF LAND PARCELS.*—

(1) *MAINTENANCE AND UPDATE OF INVENTORY.*—The Secretary of the Navy shall maintain and update regularly an inventory of all land parcels located on Guam which meet each of the following conditions:

1           (A) *The parcels are currently owned by the*  
2           *United States Government and are under the ad-*  
3           *ministrative jurisdiction of the Department of*  
4           *the Navy.*

5           (B) *The Secretary has determined or expects*  
6           *to determine the parcels to be excess to the needs*  
7           *of the Department of the Navy.*

8           (C) *Under Federal law, including Public*  
9           *Law 106–504 (commonly known as the “Guam*  
10          *Omnibus Opportunities Act”; 40 U.S.C. 521*  
11          *note), the parcels are eligible to be transferred to*  
12          *the territorial government.*

13          (2) *INFORMATION REQUIRED.—For each parcel*  
14          *included in the inventory under paragraph (1), the*  
15          *Secretary shall specify—*

16               (A) *the approximate size of the parcel;*

17               (B) *an estimate of the fair market value of*  
18               *the parcel, if available or as practicable;*

19               (C) *the date on which the Secretary deter-*  
20               *mined, or the date by which the Secretary ex-*  
21               *pects to determine, that the parcel is excess and*  
22               *made eligible for transfer to the territorial gov-*  
23               *ernment; and*

24               (D) *the citation of the specific legal author-*  
25               *ity (including the Guam Omnibus Opportunities*

1           *Act) under which the Secretary will transfer the*  
2           *parcel to the territorial government or otherwise*  
3           *dispose of the parcel.*

4           *(b) PARCELS REQUIRED TO BE INCLUDED.—The Sec-*  
5           *retary shall include in the inventory under this section each*  
6           *of the following parcels, as described in the 2017 Net Nega-*  
7           *tive Report:*

8                   *(1) The Tanguisson Power Plant (5 acres), listed*  
9                   *as Site 14 in the Report.*

10                   *(2) The Harmon Substation Annex (9.9 acres),*  
11                   *listed as Site 15 in the Report.*

12                   *(3) The Piti Power Plant and Substation (15.5*  
13                   *acres), listed as Site 38 in the Report.*

14                   *(4) Apra Heights Lot 403–1 (0.5 acres), listed as*  
15                   *Site 55 in the Report.*

16                   *(5) The Agana Power Plant and Substation (5.9*  
17                   *acres), listed as Site 54 in the Report.*

18                   *(6) The ACEORP Maui Tunnel-Tamuning*  
19                   *Route 1 behind Old Telex (3.7 acres), listed as Site*  
20                   *23 in the Report.*

21                   *(7) The Parcel South of Camp Covington, Parcel*  
22                   *7 (60.8 acres), listed as Site 49 in the Report.*

23                   *(8) The NCTS Beach Lot, adjacent to the*  
24                   *Tanguisson Power Plant (13.3 acres), listed as Site*  
25                   *13 in the Report.*

1           (9) *The Hoover Park Annex (also known as “Old*  
2           *USO Beach”*; 6 acres), *listed as Site 37 in the Report.*

3           (10) *Parcel “C” Marbo Cave Annex (5 acres),*  
4           *listed as Site 12 in the Report.*

5           (c) *INCLUSION OF ADDITIONAL PARCELS IN INVEN-*  
6           *TORY.—*

7           (1) *REQUEST BY GOVERNOR.—The Governor of*  
8           *the territory of Guam may submit a request to the*  
9           *Secretary to add parcels to the inventory maintained*  
10          *under subsection (a), and shall specify in any such*  
11          *request any public benefit uses or public purposes*  
12          *proposed by the Governor for the parcel involved, pur-*  
13          *suant to the Guam Omnibus Opportunities Act or*  
14          *any other relevant Federal law.*

15          (2) *CONSIDERATION BY SECRETARY.—Not later*  
16          *than 180 days of receipt of a request from the Gov-*  
17          *ernor under paragraph (1), the Secretary shall review*  
18          *the request and provide a response in writing to the*  
19          *Governor as to whether the Secretary will agree to the*  
20          *request to include the specific land parcel in the in-*  
21          *ventory maintained under subsection (a). If the Sec-*  
22          *retary denies the request, the Secretary shall provide*  
23          *a detailed written justification to the Governor that*  
24          *explains the continuing military need for the parcel,*

1        *if any, and the date on which the Secretary expects*  
2        *that military need to cease, if ever.*

3        *(d) EXCLUSION OF PARCELS.—The Secretary shall not*  
4        *include in the inventory maintained under this section any*  
5        *parcel transferred to the government of Guam prior to the*  
6        *date of the enactment of this Act, without regard to whether*  
7        *or not the parcel is included in the inventory under sub-*  
8        *section (b).*

9        *(e) PUBLIC NOTIFICATION.—The Secretary shall pub-*  
10       *lish and update on a public website of the United States*  
11       *Government the following information:*

12                *(1) The inventory maintained under subsection*  
13        *(a), including the parcels required to be included in*  
14        *such inventory under subsection (b).*

15                *(2) All requests submitted by the Governor under*  
16        *subsection (c), including any proposed public benefit*  
17        *use or public purpose specified in any such request.*

18                *(3) A copy of each response provided by the Sec-*  
19        *retary to each request submitted by the Governor*  
20        *under subsection (c).*

21                *(4) A description of each parcel of land trans-*  
22        *ferred by the Secretary to the territorial government*  
23        *after January 20, 2011, including the following:*

24                        *(A) The approximate size of the parcel.*

1                   (B) *An estimate of the fair market value of*  
 2                   *the parcel, if available or as practicable.*

3                   (C) *The specific legal authority under which*  
 4                   *the Secretary transferred the parcel to the terri-*  
 5                   *torial government.*

6                   (D) *The date the parcel was transferred to*  
 7                   *the territorial government.*

8           (f) *DEFINITIONS.—In this section, the following defini-*  
 9           *tions apply:*

10           (1) *2017 NET NEGATIVE REPORT.—The term*  
 11           *“2017 Net Negative Report” means the report sub-*  
 12           *mitted by the Secretary of the Navy, on behalf of the*  
 13           *Secretary of Defense, under section 2208 of the Na-*  
 14           *tional Defense Authorization Act for Fiscal Year 2017*  
 15           *(Public Law 114–328; 130 Stat. 2695) regarding the*  
 16           *status of the implementation of the “net negative”*  
 17           *policy regarding the total number of acres of the real*  
 18           *property controlled by the Department of the Navy or*  
 19           *the Department of Defense on Guam.*

20           (2) *GOVERNOR.—The term “Governor” means*  
 21           *the Governor of the territory of Guam.*

22           (3) *SECRETARY.—The term “Secretary” means*  
 23           *the Secretary of the Navy.*

24           (4) *TERRITORIAL GOVERNMENT.—The term “ter-*  
 25           *ritorial government” means the government of Guam*



1       *established under the Organic Act of Guam (48*  
2       *U.S.C. 1421 et seq.).*

3   **SEC. 2823. LAND CONVEYANCE, NAVAL ACADEMY DAIRY**  
4       **FARM, GAMBRILLS, MARYLAND.**

5       *(a) CONVEYANCE AUTHORIZED.—Notwithstanding sec-*  
6       *tion 6976 of title 10, United States Code, the Secretary of*  
7       *the Navy may convey and release to Anne Arundel County,*  
8       *Maryland (in this section referred to as the “County”) all*  
9       *right, title, and interest of the United States in and to the*  
10       *real property, including any improvements thereon, con-*  
11       *sisting of approximately 40 acres at the property commonly*  
12       *referred to as the Naval Academy dairy farm located in*  
13       *Gambrills, Maryland (in this section referred to as the*  
14       *“Dairy Farm”).*

15       *(b) CONSIDERATION.—*

16               *(1) CONSIDERATION REQUIRED.—As consider-*  
17       *ation for the conveyance and release under subsection*  
18       *(a), the County shall provide an amount that is*  
19       *equivalent to the fair market value to the Department*  
20       *of the Navy of the right, title, and interest conveyed*  
21       *and released under such subsection, based on an ap-*  
22       *praisal approved by the Secretary of the Navy. The*  
23       *consideration under this paragraph may be provided*  
24       *by cash payment, in-kind consideration, or a com-*

1        *ination thereof, at such time as the Secretary may*  
2        *require.*

3            (2) *IN-KIND CONSIDERATION.—In-kind consider-*  
4        *ation provided by the County under paragraph (1)*  
5        *may include the acquisition, construction, provision,*  
6        *improvement, maintenance, repair, or restoration (in-*  
7        *cluding environmental restoration), or combination*  
8        *thereof, of any facility, real property, or infrastruc-*  
9        *ture under the jurisdiction of the Secretary.*

10          (3) *TREATMENT OF CONSIDERATION RE-*  
11        *CEIVED.—Consideration in the form of cash payment*  
12        *received by the Secretary under paragraph (1) shall*  
13        *be retained by the Superintendent of the Naval Acad-*  
14        *emy and shall be available to cover expenses related*  
15        *to the Dairy Farm, including reimbursing non-*  
16        *appropriated fund instrumentalities of the Naval*  
17        *Academy.*

18          (c) *PAYMENT OF COST OF CONVEYANCE AND RE-*  
19        *LEASE.—*

20            (1) *PAYMENT REQUIRED.—The Secretary of the*  
21        *Navy shall require the County to pay costs to be in-*  
22        *curring by the Secretary, or to reimburse the Secretary*  
23        *for such costs incurred by the Secretary, to carry out*  
24        *the conveyance and release under subsection (a), in-*  
25        *cluding survey costs, appraisal costs, costs for envi-*

1        *ronmental documentation related to the conveyance*  
2        *and release, and any other administrative costs re-*  
3        *lated to the conveyance and release. If amounts are*  
4        *collected from the County in advance of the Secretary*  
5        *incurring the actual costs, and the amount collected*  
6        *exceeds the costs actually incurred by the Secretary to*  
7        *carry out the conveyance and release or any costs in-*  
8        *curred by the Secretary to administer the County's*  
9        *lease of the Dairy Farm, the Secretary shall refund*  
10       *the excess amount to the County.*

11            (2) *TREATMENT OF AMOUNTS RECEIVED.—*  
12        *Amounts received as reimbursement under paragraph*  
13        *(1) shall be credited to the fund or account that was*  
14        *used to pay the costs incurred by the Secretary in*  
15        *carrying out the conveyance and release under sub-*  
16        *section (a) or, if the period of availability of obliga-*  
17        *tions for that appropriation has expired, to the ap-*  
18        *propriations of fund that is currently available to the*  
19        *Secretary for the same purpose. Amounts so credited*  
20        *shall be merged with amounts in such fund or account*  
21        *and shall be available for the same purposes, and sub-*  
22        *ject to the same conditions and limitations, as*  
23        *amounts in such fund or account.*

24            (d) *DESCRIPTION OF PROPERTY.—The exact acreage*  
25        *and legal description of the property which is subject to con-*

1 *veyance and release under subsection (a) shall be deter-*  
 2 *mined by a survey satisfactory to the Secretary of the Navy.*

3 *(e) ADDITIONAL TERMS AND CONDITIONS.—The Sec-*  
 4 *retary of the Navy may require such additional terms and*  
 5 *conditions in connection with the conveyance and release*  
 6 *under subsection (a) as the Secretary considers appropriate*  
 7 *to protect the interests of the United States.*

8 *(f) NO EFFECT ON EXISTING LEASES GOVERNING*  
 9 *PROPERTY NOT SUBJECT TO CONVEYANCE.—Nothing in*  
 10 *this section or in any conveyance and release carried out*  
 11 *pursuant to this section may be construed to affect the*  
 12 *terms, conditions, or applicability of any existing agree-*  
 13 *ment entered into between the Country and the Secretary*  
 14 *of the Navy which governs the use of any portion of the*  
 15 *Dairy Farm which is not subject to conveyance and release*  
 16 *under this section.*

17 **SEC. 2824. TECHNICAL CORRECTION OF DESCRIPTION OF**  
 18 **LIMESTONE HILLS TRAINING AREA LAND**  
 19 **WITHDRAWAL AND RESERVATION, MONTANA.**

20 *Section 2931(b) of the Military Construction Author-*  
 21 *ization Act for Fiscal Year 2014 (division B of Public Law*  
 22 *113–66; 127 Stat. 1031) is amended by striking “18,644*  
 23 *acres” and all that follows through “April 10, 2013” and*  
 24 *inserting the following: “18,964 acres in Broadwater Coun-*  
 25 *ty, Montana, generally depicted as ‘Limestone Hills Train-*

1 *ing Area Land Withdrawal’ on the map entitled ‘Limestone*  
 2 *Hills Training Area Land Withdrawal’, dated May 11,*  
 3 *2017”.*

4 **SEC. 2825. LAND CONVEYANCE, WASATCH-CACHE NATIONAL**  
 5 **FOREST, RICH COUNTY, UTAH.**

6 (a) *LAND CONVEYANCE AUTHORIZED.*—Subject to  
 7 *valid existing rights, not later than 6 months after the date*  
 8 *of the enactment of this section, the Secretary of Agriculture*  
 9 *shall convey, without consideration, to the Utah State Uni-*  
 10 *versity Research Foundation, (in this section referred to as*  
 11 *the “Foundation”)* all right, title, and interest of the United  
 12 States in and to a parcel of real property consisting of ap-  
 13 proximately 80 acres, including improvements thereon, lo-  
 14 cated outside of the boundaries of the Wasatch-Cache Na-  
 15 tional Forest, Rich County, Utah, within Sections 19 and  
 16 30, Township 14 North, Range 5 East, Salt Lake Base and  
 17 Meridian for the purpose of permitting the Foundation to  
 18 use the property for scientific and educational purposes.

19 (b) *REVERSIONARY INTEREST.*—If the Secretary of Ag-  
 20 riculture determines at any time that the real property con-  
 21 veyed under subsection (a) is not being used in accordance  
 22 with the purpose of the conveyance specified in such sub-  
 23 section, all right, title and interest in and to such real prop-  
 24 erty, including any improvements thereto, shall, at the op-  
 25 tion of the Secretary, revert to and become the property of

1 *the United States, and the United States shall have the*  
 2 *right of immediate entry onto such real property. A deter-*  
 3 *mination by the Secretary under this subsection shall be*  
 4 *made on the record after an opportunity for a hearing.*

5 *(c) PAYMENT OF COSTS OF CONVEYANCE.—*

6 *(1) PAYMENT REQUIRED.—The Secretary of Ag-*  
 7 *riculture shall require the Foundation to cover the*  
 8 *costs (except any costs for environmental remediation*  
 9 *of the property) to be incurred by the Secretary, or*  
 10 *to reimburse the Secretary for such costs incurred by*  
 11 *the Secretary, to carry out the conveyance under sub-*  
 12 *section (a), including survey costs, costs for environ-*  
 13 *mental documentation, and any other administrative*  
 14 *costs related to the conveyance. If amounts are col-*  
 15 *lected from the Foundation in advance of the Sec-*  
 16 *retary incurring the actual costs, and the amount col-*  
 17 *lected exceeds the costs actually incurred by the Sec-*  
 18 *retary to carry out the conveyance, the Secretary shall*  
 19 *refund the excess amount to the Foundation.*

20 *(2) TREATMENT OF AMOUNTS RECEIVED.—*

21 *Amounts received as reimbursement under paragraph*  
 22 *(1) shall be credited to the fund or account that was*  
 23 *used to cover those costs incurred by the Secretary in*  
 24 *carrying out the conveyance. Amounts so credited*  
 25 *shall be merged with amounts in such fund or ac-*

1        *count, and shall be available for the same purposes,*  
 2        *and subject to the same conditions and limitations, as*  
 3        *amounts in such fund or account.*

4        *(d) DESCRIPTION OF PROPERTY.—The exact acreage*  
 5        *and legal description of the property to be conveyed under*  
 6        *subsection (a) shall be determined by a survey satisfactory*  
 7        *to the Secretary of Agriculture.*

8        *(e) ADDITIONAL TERMS AND CONDITIONS.—The Sec-*  
 9        *retary of Agriculture may require such additional terms*  
 10        *and conditions in connection with the conveyance under*  
 11        *subsection (a) as the Secretary considers appropriate to*  
 12        *protect the interests of the United States.*

## 13        ***Subtitle D—Military Land*** 14        ***Withdrawals***

### 15        ***SEC. 2831. INDEFINITE DURATION OF CERTAIN MILITARY*** 16        ***LAND WITHDRAWALS AND RESERVATIONS*** 17        ***AND IMPROVED MANAGEMENT OF WITH-*** 18        ***DRAWN AND RESERVED LANDS.***

19        *(a) IMPROVING MANAGEMENT OF CURRENT STATU-*  
 20        *TORY LAND WITHDRAWALS AND RESERVATIONS AND MAK-*  
 21        *ING MANAGEMENT MORE TRANSPARENT.—*

22        *(1) ROLE OF SECRETARY OF THE INTERIOR.—*  
 23        *Section 101(a)(2) of the Sikes Act (16 U.S.C.*  
 24        *670a(a)(2)) is amended by striking “, acting through*

1       *the Director of the United States Fish and Wildlife*  
2       *Service,”.*

3               (2) *ADDITIONAL ELEMENT OF INTEGRATED NAT-*  
4       *URAL RESOURCES MANAGEMENT PLAN.—Section*  
5       *101(b) of the Sikes Act (16 U.S.C. 670a(b)) is amend-*  
6       *ed—*

7                       (A) *by striking “and” at the end of para-*  
8       *graph (2);*

9                       (B) *by redesignating paragraph (3) as*  
10       *paragraph (4); and*

11                      (C) *by inserting after paragraph (2) the fol-*  
12       *lowing new paragraph:*

13               “(3) *for purposes of paragraph (2), shall be re-*  
14       *viewed—*

15                      “(A) *jointly by the Secretary of the military*  
16       *department and the Secretary of the Interior;*  
17       *and*

18                      “(B) *in a manner that provides affected*  
19       *States and Indian tribes and the public a mean-*  
20       *ingful opportunity to comment on any signifi-*  
21       *cant revisions to the plan that may be proposed;*  
22       *and”.*

23       (b) *EL CENTRO NAVAL AIR FACILITY RANGES.—*

24               (1) *ELIMINATION OF TERMINATION DATE AND*  
25       *CONFORMING AMENDMENTS.—The El Centro Naval*



*Air Facility Ranges Withdrawal Act (subtitle B of title XXIX of Public Law 104–201; 110 Stat. 2813) is amended—*

*(A) in section 2921(b)(3), by striking “, before the termination date specified in section 2925,”;*

*(B) in section 2924(a), by striking the third sentence;*

*(C) by striking sections 2925 and 2927; and*

*(D) in section 2928(a), by striking “specified in section 2925”.*

*(2) DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.—The El Centro Naval Air Facility Ranges Withdrawal Act (subtitle B of title XXIX of Public Law 104–201; 110 Stat. 2813) is further amended by inserting after section 2926 the following new section:*

**“SEC. 2927. DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.**

**“(a) PUBLIC REPORTS.—**

**“(1) CHANGES IN LAND CONDITIONS.—(A) Concurrent with each review as to operation and effect of an integrated natural resources management plan**

1       *covering lands withdrawn and reserved under this*  
2       *title, as required by section 101(b)(2) of the Sikes Act*  
3       *(16 U.S.C. 670a(b)(2)), the Secretary of the Navy and*  
4       *the Secretary of the Interior shall jointly prepare and*  
5       *issue a report describing any changes in the condition*  
6       *of the lands withdrawn and reserved under this sub-*  
7       *title since the later of the date of any previous report*  
8       *under this paragraph or the date of the environ-*  
9       *mental analysis prepared to support the actions that*  
10      *changed the condition of the lands.*

11           “(B) *A report under subparagraph (A) shall in-*  
12       *clude a summary of current military use of the lands*  
13       *withdrawn and reserved under this subtitle, any*  
14       *changes in military use of the lands since the pre-*  
15       *vious report, and efforts related to the management of*  
16       *natural and cultural resources and environmental re-*  
17       *mediation of the lands during the previous five years.*

18           “(2) *COMBINATION WITH OTHER REPORTS.—A*  
19       *report under this subsection may be combined with,*  
20       *or incorporate by reference, any contemporary report*  
21       *required by any other provision of law regarding the*  
22       *lands withdrawn and reserved under this subtitle.*

23           “(3) *PUBLIC REVIEW AND COMMENT.—(A) Before*  
24       *the finalization of a report under this subsection, the*  
25       *Secretary of the Navy and the Secretary of the Inte-*

1       rior shall invite interested members of the public to  
2       review and comment on the report, and shall hold at  
3       least one public meeting concerning the report in a lo-  
4       cation or locations reasonably accessible to persons  
5       who may be affected by management of the lands  
6       withdrawn and reserved under this subtitle.

7               “(B) Each public meeting under subparagraph  
8       (A) shall be announced not less than 15 days before  
9       the date of the meeting by advertisements in local  
10      newspapers of general circulation, notices on the  
11      internet, including the website of El Centro, and any  
12      other means considered necessary or desirable by the  
13      Secretaries.

14             “(4) DISTRIBUTION OF REPORT.—The Secretary  
15      of the Navy shall make the final version of a report  
16      under this subsection available to the public and shall  
17      submit the final version of such a report to the Com-  
18      mittees on Armed Services and Energy and Natural  
19      Resources of the Senate and the Committees on Armed  
20      Services and Natural Resources of the House of Rep-  
21      resentatives.

22             “(b) DETERMINATION OF CONTINUING MILITARY  
23      NEED.—With each report prepared pursuant to subsection  
24      (a), the Secretary of the Navy shall attach the Secretary’s  
25      determination regarding whether there will be a continuing

1 *military need for any or all the withdrawn and reserved*  
 2 *lands for the following 5 years.”.*

3 (3) *CLERICAL AMENDMENTS.—The table of con-*  
 4 *tents of the El Centro Naval Air Facility Ranges*  
 5 *Withdrawal Act (subtitle B of title XXIX of Public*  
 6 *Law 104-201; 110 Stat. 2813) is amended—*

7 (A) *by striking the item relating to section*  
 8 *2925; and*

9 (B) *by amending the item relating to sec-*  
 10 *tion 2927 to read as follows:*

*“Sec. 2927. Determination of continuing military need for withdrawal and res-*  
*ervation and public reports.”.*

11 (c) *JUNIPER BUTTE RANGE.—*

12 (1) *ELIMINATION OF TERMINATION DATE AND*  
 13 *CONFORMING AMENDMENTS.—The Juniper Butte*  
 14 *Range Withdrawal Act (title XXIX of Public Law*  
 15 *105-261; 112 Stat. 2226) is amended—*

16 (A) *in section 2915—*

17 (i) *in the section heading, by striking*  
 18 *“**Duration**” and inserting “**Relin-***  
 19 ***quishment**”;*

20 (ii) *in subsection (a), by striking*  
 21 *“TERMINATION.—” and all that follows*  
 22 *through “At the time of termination” and*  
 23 *inserting “EFFECT OF RELINQUISHMENT*  
 24 *ON OPERATION OF GENERAL LAND LAWS.—*

1           *Upon relinquishment of Department of the*  
2           *Air Force jurisdiction over lands with-*  
3           *drawn and reserved by this title”;*

4                     *(iii) in subsection (b)—*

5                             *(I) in the subsection heading, by*  
6                             *inserting “PROCESS” after “RELIN-*  
7                             *QUISHMENT”;*

8                             *(II) in paragraph (1), by striking*  
9                             *“under subsection (c)”;* and

10                            *(III) in paragraph (3), by strik-*  
11                            *ing “before the date of termination, as*  
12                            *provided for in subsection (a)(1)”;* and  
13                            *(iv) by striking subsection (c); and*

14                     *(B) in section 2916—*

15                             *(i) in the section heading, by striking*  
16                             ***“or upon termination of with-***  
17                             ***drawal”;***

18                             *(ii) in subsection (a)(1), by striking*  
19                             *“and in all cases not later than 2 years be-*  
20                             *fore the date of termination of withdrawal*  
21                             *and reservation,”;*

22                             *(iii) in subsection (b), by striking “en-*  
23                             *vironmental remediation” and all that fol-*  
24                             *lows through the end of the subsection and*  
25                             *inserting “environmental remediation before*

1 *relinquishing, to the Secretary of the Inte-*  
 2 *rior, jurisdiction over any lands identified*  
 3 *in a notice of intent to relinquish under sec-*  
 4 *tion 2915(b).”; and*

5 *(iv) in subsection (d)—*

6 *(I) in the subsection heading, by*  
 7 *striking “TERMINATES” and inserting*  
 8 *“RELINQUISHED”;*

9 *(II) by striking “termination*  
 10 *date” both places it appears and in-*  
 11 *serting “relinquishment date”; and*

12 *(III) in paragraph (2), by strik-*  
 13 *ing “termination” and inserting “re-*  
 14 *linquishment”.*

15 *(2) DETERMINATIONS OF CONTINUING MILITARY*  
 16 *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
 17 *LIC REPORTS.—Section 2909 of the Juniper Butte*  
 18 *Range Withdrawal Act (title XXIX of Public Law*  
 19 *105–261; 112 Stat. 2230) is amended by adding at*  
 20 *the end the following new subsection:*

21 *“(d) PUBLIC REPORTS.—*

22 *“(1) CHANGES IN LAND CONDITIONS.—(A) Con-*  
 23 *current with each review of an integrated natural re-*  
 24 *sources management plan developed under this sec-*  
 25 *tion, the Secretary of the Air Force and the Secretary*

1       *of the Interior shall jointly prepare and issue a report*  
2       *describing any changes in the condition of the lands*  
3       *withdrawn and reserved by this title since the later*  
4       *of the date of any previous report under this para-*  
5       *graph or the date of the environmental analysis pre-*  
6       *pared to support the actions that changed the condi-*  
7       *tion of the lands.*

8               *“(B) A report under subparagraph (A) shall in-*  
9       *clude a summary of current military use of the lands*  
10       *withdrawn and reserved by this title, any changes in*  
11       *military use of the lands since the previous report,*  
12       *and efforts related to the management of natural and*  
13       *cultural resources and environmental remediation of*  
14       *the lands during the previous 5 years.*

15               *“(2) COMBINATION WITH OTHER REPORTS.—A*  
16       *report under this subsection may be combined with,*  
17       *or incorporate by reference, any contemporary report*  
18       *required by any other provision of law regarding the*  
19       *lands withdrawn and reserved by this title.*

20               *“(3) PUBLIC REVIEW AND COMMENT.—(A) Before*  
21       *the finalization of a report under this subsection, the*  
22       *Secretary of the Air Force and the Secretary of the*  
23       *Interior shall invite interested members of the public*  
24       *to review and comment on the report, and shall hold*  
25       *at least one public meeting concerning the report in*

1     *a location or locations reasonably accessible to per-*  
2     *sons who may be affected by management of the lands*  
3     *withdrawn and reserved by this title.*

4             *“(B) Each public meeting under subparagraph*  
5     *(A) shall be announced not less than 15 days before*  
6     *the date of the meeting by advertisements in local*  
7     *newspapers of general circulation, notices on the*  
8     *internet, including the website of the Juniper Butte*  
9     *Range (if one exists), and any other means considered*  
10    *necessary or desirable by the Secretaries.*

11            *“(4) DETERMINATION OF CONTINUING MILITARY*  
12    *NEED.—With each report prepared pursuant to this*  
13    *subsection, the Secretary of the Air Force shall attach*  
14    *the Secretary’s determination regarding whether there*  
15    *will be a continuing military need for any or all the*  
16    *withdrawn and reserved lands for the following 5*  
17    *years.*

18            *“(5) DISTRIBUTION OF REPORT.—The Secretary*  
19    *of the Air Force shall make the final version of a re-*  
20    *port under this subsection available to the public and*  
21    *shall submit the final version of such a report to the*  
22    *Committees on Armed Services and Energy and Nat-*  
23    *ural Resources of the Senate and the Committees on*  
24    *Armed Services and Natural Resources of the House*  
25    *of Representatives.”.*



1           (3) *CLERICAL AMENDMENTS.—The table of con-*  
 2           *tents of the Juniper Butte Range Withdrawal Act*  
 3           *(title XXIX of Public Law 105-261; 112 Stat. 2226)*  
 4           *is amended—*

5                     (A) *by amending the item relating to sec-*  
 6                     *tion 2915 to read as follows:*

“Sec. 2915. *Relinquishment of withdrawal.*”; and

7                     (B) *by amending the item relating to sec-*  
 8                     *tion 2916 to read as follows:*

“Sec. 2916. *Environmental remediation of relinquished withdrawn lands.*”.

9           (d) *RANGES COVERED BY SUBTITLE A OF MILITARY*  
 10       *LANDS WITHDRAWAL ACT OF 1999.—*

11                   (1) *ELIMINATION OF TERMINATION DATE AND*  
 12                   *CONFORMING AMENDMENTS.—The Military Lands*  
 13                   *Withdrawal Act of 1999 (title XXX of Public Law*  
 14                   *106-65; 113 Stat. 885) is amended—*

15                             (A) *by striking section 3015;*

16                             (B) *by striking section 3016 and inserting*  
 17                   *the following new section:*

18       **“SEC. 3016. RELINQUISHMENT.**

19           “(a) *NOTICE OF INTENT REGARDING RELINQUISH-*  
 20       *MENT.—If the Secretary of the military department con-*  
 21       *cerned decides to relinquish all or any of the lands with-*  
 22       *drawn and reserved by section 3011, such Secretary shall*  
 23       *transmit a notice of intent to relinquish such lands to the*  
 24       *Secretary of the Interior.*

1       “(b) *OPENING DATE*.—On the date of relinquishment  
 2 of the withdrawal and reservation of lands withdrawn and  
 3 reserved by section 3011, such lands shall not be open to  
 4 any form of appropriation under the public land laws, in-  
 5 cluding the mineral laws and the mineral leasing and geo-  
 6 thermal leasing laws, until the Secretary of the Interior  
 7 publishes in the Federal Register an appropriate order stat-  
 8 ing the date upon which such lands shall be restored to the  
 9 public domain and opened.”; and

10               (C) in section 3017—

11                       (i) by striking “section 3016(d)” each  
 12 place it appears and inserting “section  
 13 3016”; and

14                       (ii) in subsection (e)—

15                               (I) by striking “If because” and  
 16 everything that follows through “deter-  
 17 mines that” and inserting “If the Sec-  
 18 retary of the Interior declines to accept  
 19 jurisdiction over lands withdrawn by  
 20 this subtitle which have been proposed  
 21 for relinquishment because the Sec-  
 22 retary determines that”; and

23                               (II) in paragraph (2), by striking  
 24 “the expiration of the withdrawal of

1 *such lands under this subtitle” and in-*  
2 *serting “such determination”.*

3 *(2) ESTABLISHMENT OF INTERGOVERNMENTAL*  
4 *EXECUTIVE COMMITTEES.—Section 3014 of the Mili-*  
5 *tary Lands Withdrawal Act of 1999 (title XXX of*  
6 *Public Law 106–65; 113 Stat. 890) is amended by*  
7 *adding at the end the following new subsection:*

8 *“(g) INTERGOVERNMENTAL EXECUTIVE COMMIT-*  
9 *TEES.—*

10 *“(1) ESTABLISHMENT AND PURPOSE.—For the*  
11 *lands withdrawn and reserved by section 3011, the*  
12 *Secretary of the military department concerned and*  
13 *the Secretary of the Interior shall establish, by memo-*  
14 *randum of understanding, an intergovernmental exec-*  
15 *utive committee for each range for the sole purpose of*  
16 *exchanging views, information, and advice relating to*  
17 *the management of the natural and cultural resources*  
18 *of the withdrawn and reserved lands.*

19 *“(2) COMPOSITION.—(A) The Secretary of the*  
20 *military department concerned and the Secretary of*  
21 *the Interior shall include representatives from inter-*  
22 *ested Federal agencies as members of the intergovern-*  
23 *mental executive committee for a range.*

24 *“(B) The Secretary of the military department*  
25 *concerned and the Secretary of the Interior shall in-*

1        *vite to serve as members of the intergovernmental ex-*  
2        *ecutive committee for a range—*

3                *“(i) at least one elected officer (or other au-*  
4                *thorized representative) from the government of*  
5                *the State in which the withdrawn and reserved*  
6                *lands are located; and*

7                *“(ii) at least one elected officer (or other au-*  
8                *thorized representative) from each local govern-*  
9                *ment and Indian tribal government in the vicin-*  
10               *ity of the withdrawn and reserved lands, as de-*  
11               *termined by the Secretaries.*

12               *“(3) OPERATION.—The intergovernmental execu-*  
13               *tive committee for a range shall operate in accordance*  
14               *with the terms set forth in the memorandum of under-*  
15               *standing.*

16               *“(4) PROCEDURES.—The memorandum of un-*  
17               *derstanding for a range shall establish procedures for*  
18               *creating a forum for exchanging views, information,*  
19               *and advice relating to the management of natural*  
20               *and cultural resources on the withdrawn and reserved*  
21               *lands, procedures for rotating the chair of the inter-*  
22               *governmental executive committee, and procedures for*  
23               *scheduling regular meetings, which shall occur no less*  
24               *frequently than twice a year.*

1           “(5) *COORDINATOR.*—*The Secretary of the mili-*  
 2           *tary department concerned, in consultation with the*  
 3           *Secretary of the Interior, shall appoint an individual*  
 4           *to serve as coordinator of the intergovernmental exec-*  
 5           *utive committee for a range. The duties of the coordi-*  
 6           *nator shall be included in the memorandum of under-*  
 7           *standing. The coordinator shall not be a member of*  
 8           *the committee.”.*

9           (3) *DETERMINATION OF CONTINUING MILITARY*  
 10          *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
 11          *LIC REPORTS.*—*The Military Lands Withdrawal Act*  
 12          *of 1999 (title XXX of Public Law 106–65; 113 Stat.*  
 13          *885), as amended by paragraph (1), is further*  
 14          *amended by inserting after section 3014 the following*  
 15          *new section:*

16       **“SEC. 3015. DETERMINATION OF CONTINUING MILITARY**  
 17                       **NEED FOR WITHDRAWAL AND RESERVATION**  
 18                       **AND PUBLIC REPORTS.**

19       “(a) *PUBLIC REPORTS.*—

20               “(1) *CHANGES IN LAND CONDITIONS.*—(A) *Con-*  
 21               *current with each review as to operation and effect of*  
 22               *an integrated natural resources management plan*  
 23               *covering lands withdrawn and reserved under this*  
 24               *title, as required by section 101(b)(2) of the Sikes Act*  
 25               *(16 U.S.C. 670a(b)(2)), the Secretary of the military*

1        *department concerned and the Secretary of the Inte-*  
2        *rior shall jointly prepare and issue a report describ-*  
3        *ing any changes in the condition of the lands with-*  
4        *drawn and reserved under this subtitle since the later*  
5        *of the date of any previous report under this para-*  
6        *graph or the date of the environmental analysis pre-*  
7        *pared to support the actions that changed the condi-*  
8        *tion of the lands.*

9                *“(B) A report under subparagraph (A) shall in-*  
10        *clude a summary of current military use of the lands*  
11        *covered by the plan, any changes in military use of*  
12        *the lands since the previous report, and efforts related*  
13        *to the management of natural and cultural resources*  
14        *and environmental remediation of the lands during*  
15        *the previous five years.*

16                *“(2) COMBINATION WITH OTHER REPORTS.—A*  
17        *report under this subsection may be combined with,*  
18        *or incorporate by reference, any contemporary report*  
19        *required by any other provision of law regarding the*  
20        *lands covered by the integrated natural resources*  
21        *management plan.*

22                *“(3) PUBLIC REVIEW AND COMMENT.—(A) Before*  
23        *the finalization of a report under this subsection, the*  
24        *Secretary of the military department concerned and*  
25        *the Secretary of the Interior shall invite interested*

1        *members of the public to review and comment on the*  
2        *report, and shall hold at least one public meeting con-*  
3        *cerning the report in a location or locations reason-*  
4        *ably accessible to persons who may be affected by*  
5        *management of the lands addressed by the report.*

6            *“(B) Each public meeting under subparagraph*  
7        *(A) shall be announced not less than 15 days before*  
8        *the date of the meeting by advertisements in local*  
9        *newspapers of general circulation, notices on the*  
10       *internet, including the website of the affected military*  
11       *range (if one exists), and any other means considered*  
12       *necessary or desirable by the Secretaries.*

13           *“(4) DISTRIBUTION OF REPORT.—The Secretary*  
14       *of the military department concerned shall make the*  
15       *final version of a report under this subsection avail-*  
16       *able to the public and shall submit the final version*  
17       *of such a report to the Committees on Armed Services*  
18       *and Energy and Natural Resources of the Senate and*  
19       *the Committees on Armed Services and Natural Re-*  
20       *sources of the House of Representatives.*

21           *“(b) DETERMINATION OF CONTINUING MILITARY*  
22       *NEED.—With each report prepared pursuant to subsection*  
23       *(a), the Secretary of the military department concerned*  
24       *shall attach the Secretary’s determination regarding wheth-*  
25       *er there will be a continuing military need for any or all*

1 *of the withdrawn and reserved lands for the following 5*  
 2 *years.”.*

3 (4) *CLERICAL AMENDMENTS.—The table of con-*  
 4 *tents of the Military Lands Withdrawal Act of 1999*  
 5 *(title XXX of Public Law 106-65; 113 Stat. 885) is*  
 6 *amended—*

7 (A) *by amending the item relating to sec-*  
 8 *tion 3015 to read as follows:*

*“Sec. 3015. Determination of continuing military need for withdrawal and res-*  
*ervation and public reports.”; and*

9 (B) *by amending the item relating to sec-*  
 10 *tion 3016 to read as follows:*

*“Sec. 3016. Relinquishment.”.*

11 (e) *BARRY M. GOLDWATER RANGE.—*

12 (1) *ELIMINATION OF TERMINATION DATE AND*  
 13 *CONFORMING AMENDMENTS.—Section 3031 of the*  
 14 *Military Lands Withdrawal Act of 1999 (title XXX of*  
 15 *Public Law 106-65; 113 Stat. 897) is amended—*

16 (A) *in subsection (c)—*

17 (i) *in paragraph (1), by striking “, in-*  
 18 *cluding the duration of any renewal or ex-*  
 19 *tension”;*

20 (ii) *in paragraph (2)—*

21 (I) *in the paragraph heading, by*  
 22 *striking “OR TERMINATION”; and*



1 (II) in subparagraph (C), by  
2 striking the last sentence; and

3 (iii) in paragraph (3)(A), by striking  
4 “or termination”; and

5 (B) in subsection (d), by striking “DURA-  
6 TION” and all that follows through “of the termi-  
7 nation” and inserting “EFFECT OF RELIN-  
8 QUISHMENT ON OPERATION OF GENERAL LAND  
9 LAWS.—On the date of relinquishment”;

10 (C) by striking subsection (e); and

11 (D) in subsection (f)—

12 (i) in the subsection heading, by strik-  
13 ing “TERMINATION AND”;

14 (ii) in paragraph (1), by striking “but  
15 not later than three years before the termi-  
16 nation of the withdrawal and reservation,”;

17 (iii) in paragraph (3), by striking “be-  
18 fore the termination date of the withdrawal  
19 and reservation of such lands under this  
20 section”; and

21 (iv) in paragraph (4)(A), by striking  
22 “Notwithstanding the termination date, un-  
23 less” and inserting “Unless”.

24 (2) DETERMINATIONS OF CONTINUING MILITARY  
25 NEED FOR WITHDRAWAL AND RESERVATION.—Section

1       3031 of the Military Lands Withdrawal Act of 1999  
2       (title XXX of Public Law 106–65; 113 Stat. 897), as  
3       amended by paragraph (1), is further amended by in-  
4       serting after subsection (d) the following new sub-  
5       section:

6       “(e) *DETERMINATION OF CONTINUING MILITARY*  
7       *NEED.*—With each report prepared pursuant to subsection  
8       (b)(5), the Secretary of the Navy and the Secretary of the  
9       Air Force shall attach the Secretary’s determination regard-  
10      ing whether there will be a continuing military need for  
11      any or all the withdrawn and reserved lands for the fol-  
12      lowing 5 years.”.

13               (3) *USE OF DEFINITIONS.*—Section 3031(c)(5) of  
14      the Military Lands Withdrawal Act of 1999 (title  
15      XXX of Public Law 106–65; 113 Stat. 907) is amend-  
16      ed by striking subparagraphs (A) and (B) and insert-  
17      ing the following:

18                       “(A) The term ‘military munitions’ has the  
19                       meaning given that term in section 101(e)(4) of  
20                       title 10, United States Code.

21                       “(B) The term ‘unexploded ordnance’ has  
22                       the meaning given that term in section 101(e)(5)  
23                       of such title.”.

24      (f) *NATIONAL TRAINING CENTER.*—

(1) *ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.*—*The Fort Irwin Military Land Withdrawal Act of 2001 (title XXIX of Public Law 107–107; 115 Stat. 1335) is amended—*

*(A) in section 2910, by striking the section heading and all that follows through “At the time of the termination” and inserting the following:*

**“SEC. 2910. EFFECT OF RELINQUISHMENT ON OPERATION OF GENERAL LAND LAWS.**

*“On the date of relinquishment”;*

*(B) by striking section 2911; and*

*(C) in section 2912—*

*(i) in the section heading, by striking*

**“Termination and”;**

*(ii) in subsection (a), by striking*

*“During the first 22 years of the withdrawal and reservation made by this title, if” and inserting “If”;*

*(iii) in subsection (c), by striking “be-*

*fore the termination date of the withdrawal and reservation”;* and

*(iv) in subsection (d), by striking*

*“Notwithstanding the termination date*

1                   *specified in section 2910, unless” and in-*  
 2                   *serting “Unless”.*

3                   (2) *DETERMINATION OF CONTINUING MILITARY*  
 4                   *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
 5                   *LIC REPORTS.—The Fort Irwin Military Land With-*  
 6                   *drawal Act of 2001 (title XXIX of Public Law 107–*  
 7                   *107; 115 Stat. 1335) is further amended by inserting*  
 8                   *after section 2910 the following new section:*

9   **“SEC. 2911. DETERMINATION OF CONTINUING MILITARY**  
 10                   **NEED FOR WITHDRAWAL AND RESERVATION**  
 11                   **AND PUBLIC REPORTS.**

12                   “(a) *PUBLIC REPORTS.—*

13                   “(1) *CHANGES IN LAND CONDITIONS.—(A) Con-*  
 14                   *current with each review as to operation and effect of*  
 15                   *an integrated natural resources management plan*  
 16                   *covering lands withdrawn and reserved under this*  
 17                   *title, as required by section 101(b)(2) of the Sikes Act*  
 18                   *(16 U.S.C. 670a(b)(2)), the Secretary of the Army*  
 19                   *and the Secretary of the Interior shall jointly prepare*  
 20                   *and issue a report describing any changes in the con-*  
 21                   *dition of the lands withdrawn and reserved under this*  
 22                   *title since the later of the date of any previous report*  
 23                   *under this paragraph or the date of the environ-*  
 24                   *mental analysis prepared to support the actions that*  
 25                   *changed the condition of the lands.*

1           “(B) A report under subparagraph (A) shall in-  
2       clude a summary of current military use of the lands  
3       withdrawn and reserved by this title, any changes in  
4       military use of the lands since the previous report,  
5       and efforts related to the management of natural and  
6       cultural resources and environmental remediation of  
7       the lands during the previous five years.

8           “(2) COMBINATION WITH OTHER REPORTS.—A  
9       report under this subsection may be combined with,  
10      or incorporate by reference, any contemporary report  
11      required by any other provision of law regarding the  
12      lands withdrawn and reserved by this title.

13          “(3) PUBLIC REVIEW AND COMMENT.—(A) Before  
14      the finalization of a report under this subsection, the  
15      Secretary of the Army and the Secretary of the Inte-  
16      rior shall invite interested members of the public to  
17      review and comment on the report, and shall hold at  
18      least one public meeting concerning the report in a lo-  
19      cation or locations reasonably accessible to persons  
20      who may be affected by management of the lands  
21      withdrawn and reserved by this title.

22          “(B) Each public meeting under subparagraph  
23      (A) shall be announced not less than 15 days before  
24      the date of the meeting by advertisements in local  
25      newspapers of general circulation, notices on the

1        *internet, including the website of National Training*  
 2        *Center, and any other means considered necessary or*  
 3        *desirable by the Secretaries.*

4                “(4) *DISTRIBUTION OF REPORT.*—*The Secretary*  
 5        *of the Army shall make the final version of a report*  
 6        *under this subsection available to the public and shall*  
 7        *submit the final version of such a report to the Com-*  
 8        *mittees on Armed Services and Energy and Natural*  
 9        *Resources of the Senate and the Committees on Armed*  
 10        *Services and Natural Resources of the House of Rep-*  
 11        *resentatives.*

12              “(b) *PERIODIC DETERMINATION OF CONTINUING*  
 13        *NEED.*—*With each report prepared pursuant to subsection*  
 14        *(a), the Secretary of the Army shall attach the Secretary’s*  
 15        *determination regarding whether there will be a continuing*  
 16        *military need for any or all of the withdrawn and reserved*  
 17        *lands for the following 5 years.”.*

18              (3) *ESTABLISHMENT OF INTERGOVERNMENTAL*  
 19        *EXECUTIVE COMMITTEE.*—*The Fort Irwin Military*  
 20        *Land Withdrawal Act of 2001 (title XXIX of Public*  
 21        *Law 107–107; 115 Stat. 1335) is amended by adding*  
 22        *at the end the following new section:*

23        **“SEC. 2914. INTERGOVERNMENTAL EXECUTIVE COMMITTEE.**

24              “(a) *ESTABLISHMENT AND PURPOSE.*—*The Secretary*  
 25        *of the Army and the Secretary of the Interior shall establish,*

1 *by memorandum of understanding, an intergovernmental*  
 2 *executive committee for the sole purpose of exchanging*  
 3 *views, information, and advice relating to the management*  
 4 *of the natural and cultural resources of the lands with-*  
 5 *drawn and reserved by this title.*

6 “(b) *COMPOSITION.*—

7 “(1) *REPRESENTATIVES OF OTHER FEDERAL*  
 8 *AGENCIES.*—*The Secretary of the Army and the Sec-*  
 9 *retary of the Interior shall include representatives*  
 10 *from interested Federal agencies as members of the*  
 11 *intergovernmental executive committee.*

12 “(2) *REPRESENTATIVES OF STATE AND LOCAL*  
 13 *GOVERNMENTS.*—*The Secretary of the Army and the*  
 14 *Secretary of the Interior shall invite to serve as mem-*  
 15 *bers of the intergovernmental executive committee—*

16 “(A) *at least one elected officer (or other au-*  
 17 *thorized representative) from the government of*  
 18 *the State of California; and*

19 “(B) *at least one elected officer (or other au-*  
 20 *thorized representative) from each local govern-*  
 21 *ment and Indian tribal government in the vicin-*  
 22 *ity of the withdrawn and reserved lands, as de-*  
 23 *termined by the Secretaries.*

24 “(c) *OPERATION.*—*The intergovernmental executive*  
 25 *committee shall operate in accordance with the terms set*

1 *forth in the memorandum of understanding under sub-*  
 2 *section (a).*

3       “(d) *PROCEDURES.—The memorandum of under-*  
 4 *standing under subsection (a) shall establish procedures for*  
 5 *creating a forum for exchanging views, information, and*  
 6 *advice relating to the management of natural and cultural*  
 7 *resources on the lands withdrawn and reserved by this title,*  
 8 *procedures for rotating the chair of the intergovernmental*  
 9 *executive committee, and procedures for scheduling regular*  
 10 *meetings, which shall occur no less frequently than twice*  
 11 *a year.*

12       “(e) *COORDINATOR.—The Secretary of the Army, in*  
 13 *consultation with the Secretary of the Interior, shall ap-*  
 14 *point an individual to serve as coordinator of the intergov-*  
 15 *ernmental executive committee. The duties of the coordi-*  
 16 *nator shall be included in the memorandum of under-*  
 17 *standing under subsection (a). The coordinator shall not be*  
 18 *a member of the committee.”.*

19               (4) *CLERICAL AMENDMENTS.—The table of con-*  
 20 *tents of the Fort Irwin Military Land Withdrawal*  
 21 *Act of 2001 (title XXIX of Public Law 107-107; 115*  
 22 *Stat. 1335) is amended—*

23                       (A) *by amending the item relating to sec-*  
 24 *tion 2910 to read as follows:*

*“Sec. 2910. Effect of relinquishment on operation of general land laws.”;*



1                   (B) by amending the item relating to sec-  
 2                   tion 2911 to read as follows:

“Sec. 2911. Determination of continuing military need for withdrawal and res-  
 ervation and public reports.”;

3                   (C) by amending the item relating to sec-  
 4                   tion 2912 to read as follows:

“Sec. 2912. Relinquishment.”; and

5                   (D) by inserting after the item relating to  
 6                   section 2913 the following new item:

“Sec. 2914. Intergovernmental executive committee.”.

7           (g) *RANGES COVERED BY MILITARY LAND WITH-*  
 8 *DRAWALS ACT OF 2013.—*

9                   (1) *ELIMINATION OF TERMINATION DATE AND*  
 10 *CONFORMING AMENDMENTS.—The Military Land*  
 11 *Withdrawals Act of 2013 (title XXIX of Public Law*  
 12 *113–66; 127 Stat. 1025) is amended—*

13                   (A) by striking sections 2919, 2920; 2936,  
 14                   2946, and 2979;

15                   (B) in section 2921, by striking “On the  
 16                   termination of” and inserting “On the relin-  
 17                   quishment of”; and

18                   (C) in section 2922(d)(3)—

19                   (i) in the paragraph heading, by strik-  
 20                   ing “ON TERMINATION” and inserting  
 21                   “UPON RELINQUISHMENT”; and

1                   (ii) by striking “or if at the expiration  
2                   of the withdrawal and reservation,”.

3                   (2) *ESTABLISHMENT OF INTERGOVERNMENTAL*  
4                   *EXECUTIVE COMMITTEE.*—*The Military Land With-*  
5                   *drawals Act of 2013 (title XXIX of Public Law 113–*  
6                   *66; 127 Stat. 1025) is further amended by inserting*  
7                   *after section 2918 the following new section:*

8                   **“SEC. 2919. INTERGOVERNMENTAL EXECUTIVE COMMITTEE.**

9                   **“(a) ESTABLISHMENT AND PURPOSE.**—*For the lands*  
10                  *withdrawn and reserved by sections 2941 and 2971, the Sec-*  
11                  *retary concerned and the Secretary of the Interior shall es-*  
12                  *tablish, by memorandum of understanding, an intergovern-*  
13                  *mental executive committee for each location for the sole*  
14                  *purpose of exchanging views, information, and advice relat-*  
15                  *ing to the management of the natural and cultural resources*  
16                  *of the withdrawn and reserved lands.*

17                  **“(b) COMPOSITION.**—

18                  **“(1) REPRESENTATIVES OF OTHER FEDERAL**  
19                  **AGENCIES.**—*The Secretary concerned and the Sec-*  
20                  *retary of the Interior shall include representatives*  
21                  *from interested Federal agencies as members of the*  
22                  *intergovernmental executive committee for a location*  
23                  *covered by subsection (a).*

24                  **“(2) REPRESENTATIVES OF STATE AND LOCAL**  
25                  **GOVERNMENTS.**—*The Secretary concerned and the*

1        *Secretary of the Interior shall invite to serve as mem-*  
2        *bers of the intergovernmental executive committee for*  
3        *a location covered by subsection (a)—*

4                *“(A) at least one elected officer (or other au-*  
5                *thorized representative) from the government of*  
6                *the State in which the withdrawn and reserved*  
7                *lands are located; and*

8                *“(B) at least one elected officer (or other au-*  
9                *thorized representative) from each local govern-*  
10               *ment and Indian tribal government in the vicin-*  
11               *ity of the withdrawn and reserved lands, as de-*  
12               *termined by the Secretaries.*

13        *“(c) OPERATION.—The intergovernmental executive*  
14        *committee for a location covered by subsection (a) shall op-*  
15        *erate in accordance with the terms set forth in the memo-*  
16        *randum of understanding under subsection (a).*

17        *“(d) PROCEDURES.—The memorandum of under-*  
18        *standing under subsection (a) shall establish procedures for*  
19        *creating a forum for exchanging views, information, and*  
20        *advice relating to the management of natural and cultural*  
21        *resources on the withdrawn and reserved lands, procedures*  
22        *for rotating the chair of the intergovernmental executive*  
23        *committee, and procedures for scheduling regular meetings,*  
24        *which shall occur no less frequently than twice a year.*

1       “(e) *COORDINATOR.*—*The Secretary concerned, in con-*  
 2 *sultation with the Secretary of the Interior, shall appoint*  
 3 *an individual to serve as coordinator of the intergovern-*  
 4 *mental executive committee for a location covered by sub-*  
 5 *section (a). The duties of the coordinator shall be included*  
 6 *in the memorandum of understanding under subsection (a).*  
 7 *The coordinator shall not be a member of the committee.”.*

8               (3) *DETERMINATION OF CONTINUING MILITARY*  
 9 *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
 10 *LIC REPORTS.*—*The Military Land Withdrawals Act*  
 11 *of 2013 (title XXIX of Public Law 113–66; 127 Stat.*  
 12 *1025) is further amended by inserting after section*  
 13 *2919, as added by paragraph (2), the following new*  
 14 *section:*

15 **“SEC. 2920. DETERMINATION OF CONTINUING MILITARY**  
 16 **NEED FOR WITHDRAWAL AND RESERVATION**  
 17 **AND PUBLIC REPORTS.**

18       “(a) *PUBLIC REPORTS.*—

19               “(1) *CHANGES IN LAND CONDITIONS.*—(A) *Con-*  
 20 *current with each review as to operation and effect of*  
 21 *an integrated natural resources management plan*  
 22 *covering lands withdrawn and reserved under this*  
 23 *title, as required by section 101(b)(2) of the Sikes Act*  
 24 *(16 U.S.C. 670a(b)(2)), the Secretary of the military*  
 25 *department concerned and the Secretary of the Inte-*

1       rior shall jointly prepare and issue a report describ-  
2       ing any changes in the condition of the lands covered  
3       by the plan since the later of the date of any previous  
4       report under this paragraph or the date of the envi-  
5       ronmental analysis prepared to support the actions  
6       that changed the condition of the lands.

7               “(B) A report under subparagraph (A) shall in-  
8       clude a summary of current military use of the lands  
9       covered by the plan, any changes in military use of  
10      the lands since the previous report, and efforts related  
11      to the management of natural and cultural resources  
12      and environmental remediation of the lands during  
13      the previous five years.

14             “(2) COMBINATION WITH OTHER REPORTS.—A  
15      report under this subsection may be combined with,  
16      or incorporate by reference, any contemporary report  
17      required by any other provision of law regarding the  
18      lands addressed by the report.

19             “(3) PUBLIC REVIEW AND COMMENT.—(A) Before  
20      the finalization of a report under this subsection, the  
21      Secretary of the military department concerned and  
22      the Secretary of the Interior shall invite interested  
23      members of the public to review and comment on the  
24      report, and shall hold at least one public meeting con-  
25      cerning the report in a location or locations reason-

1       ably accessible to persons who may be affected by  
2       management of the lands addressed by the report.

3               “(B) Each public meeting under subparagraph  
4       (A) shall be announced not less than 15 days before  
5       the date of the meeting by advertisements in local  
6       newspapers of general circulation, notices on the  
7       internet, including the website of the affected military  
8       range (if one exists), and any other means considered  
9       necessary or desirable by the Secretaries.

10              “(4) DISTRIBUTION OF REPORT.—The Secretary  
11       of the military department concerned shall make the  
12       final version of a report under this subsection avail-  
13       able to the public and shall submit the final version  
14       of such a report to the Committees on Armed Services  
15       and Energy and Natural Resources of the Senate and  
16       the Committees on Armed Services and Natural Re-  
17       sources of the House of Representatives.

18              “(b) DETERMINATION OF CONTINUING MILITARY  
19       NEED.—With each report prepared pursuant to subsection  
20       (a), the Secretary of the military department concerned  
21       shall attach the Secretary’s determination regarding wheth-  
22       er there will be a continuing military need for any or all  
23       of the withdrawn and reserved lands for the following 5  
24       years.”.

1           (4) *CLERICAL AMENDMENTS.—The table of con-*  
 2           *tents of the Military Land Withdrawals Act of 2013*  
 3           *(title XXIX of Public Law 113-66; 127 Stat. 1025) is*  
 4           *amended—*

5                     *(A) by striking the item relating to section*  
 6                     *2919 and inserting the following new item:*

“Sec. 2919. *Intergovernmental executive committee.*”;

7                     *(B) by striking the item relating to section*  
 8                     *2920 and inserting the following new item:*

“Sec. 2920. *Determination of continuing military need for withdrawal and res-*  
*ervation and public reports.*”; and

9                     *(C) by striking the items relating to section*  
 10                    *2936, 2946, and 2979.*

11           (h) *REQUESTS FOR WITHDRAWALS MADE TO SEC-*  
 12           *RETARY OF THE INTERIOR; TEMPORARY USE PERMITS AND*  
 13           *TRANSFERS OF SMALL PARCELS OF LAND BETWEEN DE-*  
 14           *PARTMENTS OF INTERIOR AND MILITARY DEPARTMENTS;*  
 15           *MORE EFFICIENT SURVEYING OF LANDS.—*

16                    (1) *REQUIRING REQUESTS FOR WITHDRAWALS*  
 17                    *TO BE MADE TO SECRETARY OF THE INTERIOR.—Sec-*  
 18                    *tion 3 of the Act of February 28, 1958 (Public Law*  
 19                    *85-337; 43 U.S.C. 157), is amended—*

20                            *(A) by striking “Any application” and in-*  
 21                            *serting “(a) CONTENTS OF APPLICATION.—Any*  
 22                            *application”; and*

1                   (B) by striking “shall specify” and insert-  
 2                   ing “shall be filed with the Secretary of the Inte-  
 3                   rior and shall specify”.

4                   (2) *AUTHORIZATION OF ADDITIONAL ARRANGE-*  
 5                   *MENTS FOR USE AND TRANSFER OF LANDS UNDER JU-*  
 6                   *RISDICTION OF SECRETARY OF THE INTERIOR.*—Such  
 7                   Act (43 U.S.C. 155 et seq.) is further amended by  
 8                   adding at the end the following new sections:

9   **“SEC. 7. SHORT-TERM PERMITS FOR USE OF DEPARTMENT**  
 10                   **OF INTERIOR LANDS FOR MILITARY TRAIN-**  
 11                   **ING AND TESTING.**

12                  “(a) *AUTHORITY.*—In addition to any other authority  
 13                  to grant permits for the use of land, the Secretary of the  
 14                  Interior may grant a permit to the Secretary of Defense  
 15                  to use land under the administrative jurisdiction of the Sec-  
 16                  retary of the Interior. Any such permit—

17                         “(1) shall be issued consistent with section 2691  
 18                         of title 10, United States Code;

19                         “(2) shall allow the Department of Defense to use  
 20                         the land only for purposes of training and testing  
 21                         that are consistent with the purposes for which the  
 22                         Secretary of the Interior manages the land; and

23                         “(3) may contain such other requirements as the  
 24                         Secretary of the Interior considers appropriate.



1       “(b) *DURATION OF PERMIT.*—A permit granted under  
2   this section shall be in effect for such period as the Secretary  
3   of the Interior may provide, except that such period may  
4   not exceed 30 days.

5   **“SEC. 8. TRANSFERS OF SMALL PARCELS OF LAND BE-**  
6                   **TWEEN THE DEPARTMENTS OF DEFENSE AND**  
7                   **INTERIOR.**

8       “(a) *TRANSFER AUTHORIZED.*—Subject to any valid  
9   existing rights, upon mutual agreement, and without cost  
10  for the value of the land or any improvements thereon—

11           “(1) *the Secretary of the Interior may transfer*  
12       *administrative jurisdiction over land that meets the*  
13       *requirements of subsection (b) to the Secretary of a*  
14       *military department; and*

15           “(2) *the Secretary of a military department may*  
16       *transfer administrative jurisdiction over land that*  
17       *meets the requirements of subsection (b) to the Sec-*  
18       *retary of the Interior.*

19       “(b) *REQUIREMENTS FOR LAND ELIGIBLE FOR TRANS-*  
20  *FER.*—The requirements of this subsection are as follows:

21           “(1) *CONTIGUITY.*—The land is contiguous to  
22       land already under the administrative jurisdiction of  
23       the Secretary to whom such jurisdiction is trans-  
24       ferred.

1           “(2) *LIMITATION ON ACREAGE.*—*No single parcel*  
2           *of the land is larger than 5,000 acres of contiguous*  
3           *area.*

4           “(3) *NO RECENT PRIOR TRANSFER OF CONTIG-*  
5           *UOUS LAND.*—*The land is not contiguous to any other*  
6           *land for which administrative jurisdiction has been*  
7           *transferred under the authority of this section during*  
8           *the previous 5 years.*

9           “(4) *PRIOR USE FOR DEFENSE PURPOSES.*—*In*  
10          *the case of land transferred to the Department of De-*  
11          *fense, the land was used for defense purposes imme-*  
12          *diately prior to the date of transfer.*

13          “(c) *MAP AND LEGAL DESCRIPTION.*—

14                 “(1) *PREPARATION AND PUBLICATION.*—*The Sec-*  
15                 *retary of the Interior shall—*

16                         “(A) *publish in the Federal Register a no-*  
17                         *tice containing the legal description of any land*  
18                         *transferred under subsection (a);*

19                         “(B) *file maps and legal descriptions of the*  
20                         *land with—*

21                                 “(i) *the Committees on Armed Services*  
22                                 *and Energy and Natural Resources of the*  
23                                 *Senate, and*

1                   “(ii) the Committees on Armed Serv-  
2                   ices and Natural Resources of the House of  
3                   Representatives; and

4                   “(C) make copies of such maps and legal de-  
5                   scriptions available for public inspection in the  
6                   appropriate offices of the Bureau of Land Man-  
7                   agement.

8                   “(2) *FORCE OF LAW.*—For purposes of any  
9                   transfer of administrative jurisdiction over land  
10                  under this section, the legal description and map for  
11                  the land shall be the legal description of the land filed  
12                  under paragraph (1)(B), except that the Secretary of  
13                  the Interior may correct clerical and typographical  
14                  errors in the legal description or map.

15                  “(3) *COSTS.*—The Secretary of the military de-  
16                  partment to whom administrative jurisdiction over  
17                  land is transferred under subsection (a)(1) shall reim-  
18                  burse the Secretary of the Interior for the costs in-  
19                  curred by the Secretary of the Interior in imple-  
20                  menting this subsection with respect to such land.

21                  “(d) *TREATMENT AND USE OF LAND TRANSFERRED*  
22 *TO THE SECRETARY OF A MILITARY DEPARTMENT.*—Upon  
23 a transfer of administrative jurisdiction over land to the  
24 Secretary of a military department under subsection  
25 (a)(1)—

1           “(1) the land shall be treated as property (as de-  
 2       fined in section 102(9) of title 40, United States  
 3       Code) under the administrative jurisdiction of the  
 4       Secretary of the military department; and

5           “(2) for as long as the land is under the admin-  
 6       istrative jurisdiction of a Secretary of a military de-  
 7       partment, the land shall be withdrawn from—

8           “(A) all forms of entry, appropriation, or  
 9       disposition under the public land laws,

10          “(B) location, entry, and patent under the  
 11       mining laws,

12          “(C) disposition under all laws relating to  
 13       mineral materials and all laws relating to min-  
 14       eral and geothermal leasing.

15       “(e) *TREATMENT AND USE OF LAND TRANSFERRED TO*  
 16       *THE SECRETARY OF THE INTERIOR.*—Upon a transfer of  
 17       administrative jurisdiction over land to the Secretary of the  
 18       Interior under subsection (a)(2)—

19           “(1) the land shall become public land; and

20           “(2) the land shall be administered for the same  
 21       purposes and be subject to the same conditions of use  
 22       as the adjacent public land.

23       “(f) *EFFECT ON OTHER AUTHORITIES.*—The author-  
 24       ity provided by this section is in addition to, and not sub-  
 25       ject to, any other authority relating to transfers of land.”.

1           (3) *SHORT TITLE.*—*The first section of such Act*  
2           *(43 U.S.C. 155) is amended—*

3                   (A) *by striking “That, notwithstanding”*  
4                   *and inserting “SECTION 1. (a) WITHDRAWAL,*  
5                   *RESERVATION, OR RESTRICTION OF PUBLIC*  
6                   *LANDS FOR DEFENSE PURPOSES.—Notwith-*  
7                   *standing”; and*

8                   (B) *by adding at the end the following new*  
9                   *subsection:*

10          “(b) *SHORT TITLE.*—*This Act may be cited as the*  
11          *‘Engle Act’.*”.

12           (4) *PROMOTING MORE EFFICIENT SURVEYING OF*  
13          *LANDS.—In fixing the original corner position in an*  
14          *official survey of unsurveyed land, when applicable*  
15          *and feasible, Cadastral Survey may, instead of using*  
16          *physical monuments, use geographic coordinates cor-*  
17          *related to the National Spatial Reference System geo-*  
18          *detic datum, in accordance with the Manual of Sur-*  
19          *veying Instructions.*

20          (i) *EFFECT ON NEW LAND WITHDRAWALS AND RES-*  
21          *ERVATIONS.—Nothing in this section or the amendments*  
22          *made by this section shall be construed as changing the re-*  
23          *quirements imposed on the Department of Defense to obtain*  
24          *a new or expanded land withdrawal and reservation.*

1 **SEC. 2832. DESIGNATION OF POTENTIAL WILDERNESS**  
2 **AREA.**

3 (a) *IN GENERAL.*—Certain land administered by the  
4 National Park Service, comprising approximately 1 acre  
5 as generally depicted on the map entitled “Proposed Poten-  
6 tial Wilderness, Mormon Peak Microwave Facility, Death  
7 Valley National Park”, numbered 143–142, 834, and dated  
8 March 1, 2018, is designated as a potential wilderness area.

9 (b) *USES.*—The Secretary of the Interior may permit  
10 on the land described in subsection (a) only the uses that  
11 were permitted on such land on the date of enactment of  
12 the California Desert Protection Act of 1994 (Public Law  
13 103-433).

14 (c) *REESTABLISHMENT OF WILDERNESS DESIGNA-*  
15 *TION.*—

16 (1) *NOTICE.*—The Secretary of the Interior shall  
17 publish a notice in the Federal Register when the Sec-  
18 retary determines that—

19 (A) the communications site within the po-  
20 tential wilderness area designated under sub-  
21 section (a) is no longer used;

22 (B) the associated right-of-way is relin-  
23 quished or not renewed; and

24 (C) the conditions in the potential wilder-  
25 ness area designated by subsection (a) are com-

1            *patible with the Wilderness Act (16 U.S.C. 1131*  
 2            *et seq.).*

3            (2) *DESIGNATION.*—Upon publication by the  
 4            Secretary of the notice described in paragraph (1), the  
 5            land described in subsection (a) is—

6                    (A) *designated as wilderness and as a com-*  
 7                    *ponent of the National Wilderness Preservation*  
 8                    *System; and*

9                    (B) *incorporated into the Death Valley Na-*  
 10                   *tional Park Wilderness designated by section*  
 11                   *601 of Public Law 103–433.*

## 12            ***Subtitle E—Other Matters***

### 13    ***SEC. 2841. DEFENSE COMMUNITY INFRASTRUCTURE PRO-*** 14            ***GRAM.***

15            (a) *AUTHORIZATION OF PROGRAM.*—Section 2391 of  
 16            title 10, United States Code, is amended—

17                    (1) *by redesignating subsections (d) and (e) as*  
 18                    *subsections (e) and (f); and*

19                    (2) *by inserting after subsection (c) the following*  
 20                    *new subsection:*

21            “(d) *DEFENSE COMMUNITY INFRASTRUCTURE PRO-*  
 22            *GRAM.*—(1) *The Secretary of Defense may make grants,*  
 23            *conclude cooperative agreements, and supplement funds*  
 24            *available under Federal programs administered by agencies*  
 25            *other than the Department of Defense to assist States and*

1 *units of local government in addressing deficiencies in com-*  
2 *munity infrastructure projects or facilities which are lo-*  
3 *cated outside of military installations but which support*  
4 *military installations, and which are owned by the State*  
5 *or unit of local government, if the Secretary determines that*  
6 *such assistance will enhance the military value, resiliency,*  
7 *or military family quality of life at such military installa-*  
8 *tion.*

9       “(2) *The Secretary shall establish criteria for the eligi-*  
10 *bility and selection of States and units of local government*  
11 *to receive assistance under this subsection. Such criteria*  
12 *shall include a requirement that the State or unit of local*  
13 *government agrees to contribute not less than 20 percent*  
14 *of the funding required to address the deficiencies in the*  
15 *community infrastructure project or facility involved, ex-*  
16 *cept that the Secretary may waive such requirement in the*  
17 *case of a community infrastructure project or facility which*  
18 *is located in a rural area.*

19       “(3) *Prior to providing any assistance to a State or*  
20 *unit of local government with respect to a community infra-*  
21 *structure project or facility under this subsection, the Sec-*  
22 *retary shall provide a notification to the appropriate com-*  
23 *mittees of Congress of the intent to provide the assistance,*  
24 *and shall include in the notification a comprehensive de-*  
25 *scription of how the assistance will address deficiencies in*



1 *the project or facility, a certification of military need, and*  
2 *(if applicable) a certification that the State or unit of local*  
3 *government has agreed to contribute funding for the infra-*  
4 *structure as required under paragraph (2). The Secretary*  
5 *may then obligate funds for such assistance only after the*  
6 *end of the 14-day period beginning on the date on which*  
7 *the notification is received by the committees in an elec-*  
8 *tronic medium pursuant to section 480 of this title.”.*

9       **(b) DEFINITION.**—Section 2391(e) of such title, as re-  
10 *designated by subsection (a), is amended by adding at the*  
11 *end the following new paragraph:*

12               *“(4) The term ‘community infrastructure project*  
13 *or facility’ means any of the following:*

14                     *“(A) A transportation project.*

15                     *“(B) A school, hospital, police, fire, emer-*  
16 *gency response, or other community support fa-*  
17 *cility.*

18                     *“(C) A water, waste-water, telecommuni-*  
19 *cations, electric, gas, or other utility infrastruc-*  
20 *ture project.”.*

1 **SEC. 2842. RESTRICTIONS ON USE OF FUNDS FOR DEVELOP-**  
 2 **MENT OF PUBLIC INFRASTRUCTURE IN COM-**  
 3 **MONWEALTH OF NORTHERN MARIANA IS-**  
 4 **LANDS.**

5 (a) *RESTRICTION.*—If the Secretary of Defense deter-  
 6 mines that any grant, cooperative agreement, transfer of  
 7 funds to another Federal agency, or supplement of funds  
 8 available under Federal programs administered by agencies  
 9 other than the Department of Defense will result in the de-  
 10 velopment (including repair, replacement, renovation, con-  
 11 version, improvement, expansion, acquisition, or construc-  
 12 tion) of public infrastructure in the Commonwealth of the  
 13 Northern Mariana Islands (hereafter in this section referred  
 14 to as the “Commonwealth”), the Secretary of Defense may  
 15 not carry out such grant, transfer, cooperative agreement,  
 16 or supplemental funding unless such grant, transfer, cooper-  
 17 ative agreement, or supplemental funding—

18 (1) is specifically authorized by law; and  
 19 (2) will be used to carry out a public infrastruc-  
 20 ture project included in the report submitted under  
 21 subsection (b).

22 (b) *REPORT OF ECONOMIC ADJUSTMENT COM-*  
 23 *MITTEE.*—

24 (1) *CONVENING OF COMMITTEE.*—Not later than  
 25 90 days after the date of the enactment of this Act,  
 26 the Secretary of Defense, as the chair of the Economic

1     *Adjustment Committee established in Executive Order*  
2     *No. 127887 (10 U.S.C. 2391 note), shall convene the*  
3     *Economic Adjustment Committee to consider assist-*  
4     *ance, including assistance to support public infra-*  
5     *structure projects, necessary to support changes in*  
6     *Department of Defense activities in the Common-*  
7     *wealth.*

8             (2) *REPORT.*—*Not later than 180 days after con-*  
9     *vening the Economic Adjustment Committee under*  
10    *paragraph (1), the Secretary shall submit to the con-*  
11    *gressional defense committees a report—*

12                 (A) *describing the results of the Economic*  
13     *Adjustment Committee deliberations required by*  
14     *paragraph (1); and*

15                 (B) *containing a description of any assist-*  
16     *ance the Committee determines to be necessary to*  
17     *support changes in Department of Defense ac-*  
18     *tivities in the Commonwealth, including any*  
19     *public infrastructure projects the Committee de-*  
20     *termines should be carried out with such assist-*  
21     *ance.*

22             (c) *PUBLIC INFRASTRUCTURE DEFINED.*—*In this sec-*  
23    *tion, the term “public infrastructure” means any utility,*  
24    *method of transportation, item of equipment, or facility*  
25    *under the control of a public entity or State or local govern-*

1 *ment that is used by, or constructed for the benefit of, the*  
2 *general public.*

3 **SEC. 2843. STUDY AND REPORT ON COLEMAN BRIDGE, YORK**  
4 **RIVER, VIRGINIA.**

5 *(a) FINDINGS.—Congress finds the following:*

6 *(1) Navy vessels must have access to Naval*  
7 *Weapons Station, Yorktown, Virginia, in order to*  
8 *load munitions for war time needs.*

9 *(2) To access the Station, vessels must pass the*  
10 *George P. Coleman Bridge on the York River, which*  
11 *swings open to allow passage.*

12 *(3) Many Federal employees at the Station and*  
13 *at other critical military installations in the Tide-*  
14 *water region of Virginia live on the north side of the*  
15 *York River and commute to work using the Bridge.*

16 *(4) The assured operation of the George P. Cole-*  
17 *man Memorial Bridge is therefore critical to the oper-*  
18 *ation of Naval Weapons Station, Yorktown and na-*  
19 *tional security generally.*

20 *(b) STUDY AND REPORT ON INCLUSION OF BRIDGE IN*  
21 *STRATEGIC HIGHWAY NETWORK.—*

22 *(1) STUDY.—The Commander of the United*  
23 *States Transportation Command shall conduct a*  
24 *study of the feasibility and desirability of including*  
25 *the George P. Coleman Memorial Bridge on the York*

1 *River, Virginia, and United States Route 17 in the*  
 2 *Strategic Highway Network.*

3 (2) *REPORT.*—Not later than 180 days after the  
 4 date of the enactment of this Act, the Commander  
 5 shall submit to the congressional defense committees a  
 6 report on the results of the study conducted under  
 7 paragraph (1).

8 **SEC. 2844. CERTIFICATIONS REQUIRED PRIOR TO TRANS-**  
 9 **FER OF CERTAIN VETERANS MEMORIAL OB-**  
 10 **JECT.**

11 (a) *CERTIFICATIONS.*—Subsection (c) of section 2864  
 12 of the National Defense Authorization Act for Fiscal Year  
 13 2018 (Public Law 115–91; 131 Stat. 1869) is amended—

14 (1) in the heading, by striking “TRANSFER” and  
 15 all that follows and inserting “TRANSFER OF CER-  
 16 TAIN VETERANS MEMORIAL OBJECT”;

17 (2) in the matter preceding paragraph (1), by  
 18 striking “certifies to Congress” and inserting “pro-  
 19 vides a certification to Congress”

20 (3) by redesignating paragraph (2) as para-  
 21 graph (3); and

22 (4) by inserting after paragraph (1) the fol-  
 23 lowing new paragraph:

24 “(2) *CERTIFICATION REQUIREMENTS.*—The cer-  
 25 tification required under paragraph (1) shall include

1        *a report with a classified annex describing the effects*  
2        *of the transfer of the object under this subsection on*  
3        *the national security interests of the United States (as*  
4        *required under subparagraph (A) of paragraph (1))*  
5        *and the efforts undertaken to consult with veterans or-*  
6        *ganizations and government officials in the State of*  
7        *Wyoming in order to preserve the history of the vet-*  
8        *erans associated with the object (as required by sub-*  
9        *paragraph (B) of paragraph (1)).”.*

10        *(b) EFFECTIVE DATE.—The amendment made by sub-*  
11        *section (a) shall take effect as if included in the enactment*  
12        *of the National Defense Authorization Act for Fiscal Year*  
13        *2018.*

14        ***TITLE XXIX—OVERSEAS CONTIN-***  
15        ***GENCY OPERATIONS MILI-***  
16        ***TARY CONSTRUCTION***

17        ***SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND***  
18        ***ACQUISITION PROJECTS.***

19        *The Secretary of the Army may acquire real property*  
20        *and carry out the military construction projects for the in-*  
21        *stallations outside the United States, and in the amounts,*  
22        *set forth in the following table:*

***Army: Outside the United States***

<b><i>Country</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>Bulgaria .....</i>	<i>Nevo Selo Fos .....</i>	<i>\$5,200,000</i>
<i>Poland .....</i>	<i>Drausko Pomorski Training Area .....</i>	<i>\$17,000,000</i>
	<i>Powidz Air Base .....</i>	<i>\$87,000,000</i>
	<i>Zagan Training Area .....</i>	<i>\$40,400,000</i>
<i>Romania .....</i>	<i>Mihail Kogalniceanu .....</i>	<i>\$21,651,000</i>

**1 SEC. 2902. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
**2 ACQUISITION PROJECTS.**

*3 The Secretary of the Navy may acquire real property*  
*4 and carry out the military construction projects for the in-*  
*5 stallations outside the United States, and in the amounts,*  
*6 set forth in the following table:*

***Navy: Outside the United States***

<b>Country</b>	<b>Location</b>	<b>Amount</b>
<i>Greece .....</i>	<i>Naval Support Activity Souda Bay .....</i>	<i>\$47,850,000</i>
<i>Italy .....</i>	<i>Naval Air Station Sigonella .....</i>	<i>\$66,050,000</i>
<i>Spain .....</i>	<i>Naval Station Rota .....</i>	<i>\$21,590,000</i>
<i>United Kingdom .....</i>	<i>Lossiemouth .....</i>	<i>\$79,130,000</i>

**7 SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
**8 LAND ACQUISITION PROJECTS.**

*9 The Secretary of the Air Force may acquire real prop-*  
*10 erty and carry out the military construction projects for*  
*11 the installations outside the United States, and in the*  
*12 amounts, set forth in the following table:*

***Air Force: Outside the United States***

<b>Country</b>	<b>Location</b>	<b>Amount</b>
<i>Germany .....</i>	<i>Ramstein Air Base .....</i>	<i>\$119,000,000</i>
<i>Norway .....</i>	<i>Rygge .....</i>	<i>\$13,800,000</i>
<i>Qatar .....</i>	<i>Al Udeid .....</i>	<i>\$70,400,000</i>
<i>Slovakia .....</i>	<i>Malacky .....</i>	<i>\$59,000,000</i>
<i>United Kingdom .....</i>	<i>RAF Fairford .....</i>	<i>\$106,000,000</i>

**13 SEC. 2904. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**  
**14 TION AND LAND ACQUISITION PROJECTS.**

*15 The Secretary of Defense may acquire real property*  
*16 and carry out the military construction projects for the in-*  
*17 stallations outside the United States, and in the amounts,*  
*18 set forth in the following table:*

*Defense Agencies: Outside the United States*

<b>Country</b>	<b>Location</b>	<b>Amount</b>
<i>Estonia .....</i>	<i>Unspecified Estonia .....</i>	<i>\$15,700,000</i>
<i>Qatar .....</i>	<i>Al Udeid .....</i>	<i>\$60,000,000</i>

1 **SEC. 2905. AUTHORIZATION OF APPROPRIATIONS.**

2 *Funds are hereby authorized to be appropriated for fis-*  
3 *cal years beginning after September 30, 2018, for the mili-*  
4 *tary construction projects outside the United States author-*  
5 *ized by this title as specified in the funding table in section*  
6 *4602.*

7 **SEC. 2906. RESTRICTIONS ON USE OF FUNDS FOR PLAN-**  
8 **NING AND DESIGN COSTS OF EUROPEAN DE-**  
9 **TERRENCE INITIATIVE PROJECTS.**

10 *None of the funds authorized to be appropriated for*  
11 *military construction projects outside the United States au-*  
12 *thorized by this title may be obligated or expended for plan-*  
13 *ning and design costs of any project associated with the*  
14 *European Deterrence Initiative until the Secretary of De-*  
15 *fense submits to the congressional defense committees a list*  
16 *of all of the military construction projects associated with*  
17 *the European Deterrence Initiative which the Secretary an-*  
18 *ticipates will be carried out during each of the fiscal years*  
19 *2019 through 2023.*



1 ***DIVISION C—DEPARTMENT OF***  
 2 ***ENERGY NATIONAL SECURITY***  
 3 ***AUTHORIZATIONS AND***  
 4 ***OTHER AUTHORIZATIONS***  
 5 ***TITLE XXXI—DEPARTMENT OF***  
 6 ***ENERGY NATIONAL SECURITY***  
 7 ***PROGRAMS***  
 8 ***Subtitle A—National Security***  
 9 ***Programs and Authorizations***

10 ***SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-***  
 11 ***TION.***

12 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
 13 *hereby authorized to be appropriated to the Department of*  
 14 *Energy for fiscal year 2019 for the activities of the National*  
 15 *Nuclear Security Administration in carrying out programs*  
 16 *as specified in the funding table in division D.*

17 *(b) AUTHORIZATION OF NEW PLANT PROJECTS.—*  
 18 *From funds referred to in subsection (a) that are available*  
 19 *for carrying out plant projects, the Secretary of Energy*  
 20 *may carry out new plant projects for the National Nuclear*  
 21 *Security Administration as follows:*

22 *Project 19–D–660, Lithium Production Capa-*  
 23 *bility, Y–12 National Security Complex, Oak Ridge,*  
 24 *Tennessee, \$19,000,000.*

1           *Project 19–D–670, 138k Power Transmission*  
2           *System Replacement, Nevada National Security Site,*  
3           *Mercury, Nevada, \$6,000,000.*

4           *Project 19–D–930, KS Overhead Piping, Kessel-*  
5           *ring Site, West Milton, New York, \$10,994,000.*

6   **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

7           *Funds are hereby authorized to be appropriated to the*  
8           *Department of Energy for fiscal year 2019 for defense envi-*  
9           *ronmental cleanup activities in carrying out programs as*  
10          *specified in the funding table in division D.*

11   **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

12          *Funds are hereby authorized to be appropriated to the*  
13          *Department of Energy for fiscal year 2019 for other defense*  
14          *activities in carrying out programs as specified in the fund-*  
15          *ing table in division D.*

16   **SEC. 3104. NUCLEAR ENERGY.**

17          *Funds are hereby authorized to be appropriated to the*  
18          *Department of Energy for fiscal year 2019 for nuclear en-*  
19          *ergy as specified in the funding table in division D.*

1 ***Subtitle B—Program Authoriza-***  
 2 ***tions, Restrictions, and Limita-***  
 3 ***tions***

4 ***SEC. 3111. SECURITY CLEARANCE FOR DUAL NATIONALS***  
 5 ***EMPLOYED BY NATIONAL NUCLEAR SECU-***  
 6 ***RITY AGENCY.***

7 *(a) IN GENERAL.—The National Nuclear Security Ad-*  
 8 *ministration Act (50 U.S.C. 2401 et seq.) is amended by*  
 9 *inserting after section 3236 the following new section:*

10 ***“SEC. 3237. SECURITY CLEARANCE FOR DUAL NATIONALS.***

11 *“(a) IN GENERAL.—(1) In the case of an individual*  
 12 *described in paragraph (3), the Secretary of Energy shall*  
 13 *develop a process to review foreign preference in accordance*  
 14 *with the adjudicative guidelines issued pursuant to section*  
 15 *710.7 of title 10, Code of Federal Regulations, or such suc-*  
 16 *cessor regulation, before approving a security clearance for*  
 17 *such individual.*

18 *“(2) The Secretary shall designate an official of the*  
 19 *Administration to be responsible for adjudicating any de-*  
 20 *rogatory information of an individual described in para-*  
 21 *graph (3) concerning foreign preference that is discovered*  
 22 *after the security clearance of the individual is approved.*

23 *“(3) An individual described in this paragraph is an*  
 24 *individual who is—*

1           “(A) a national of the United States (as such  
2       term is defined in section 101 of the Immigration and  
3       Nationality Act (8 U.S.C. 1101)) and also a national  
4       of a foreign state; and

5           “(B) an employee or contractor of the Adminis-  
6       tration who requires access to classified information.

7       “(b) *WAIVER*.—In the case of an individual who is a  
8       national of the United States and also a national of a for-  
9       eign state identified under section 1564b(b)(2) of title 10,  
10      United States Code, the Secretary may waive the require-  
11      ment under subsection (a).”.

12      (b) *CLERICAL AMENDMENT*.—The table of contents at  
13      the beginning of such Act is amended by inserting after the  
14      item relating to section 3236 the following new item:

          “Sec. 3237. Security clearance for dual nationals.”.

15      (c) *BRIEFING*.—

16           (1) *IN GENERAL*.—Not later than 180 days after  
17      the date of the enactment of this Act, the Secretary of  
18      Energy shall provide to the Committees on Armed  
19      Services of the House of Representatives and the Sen-  
20      ate, and to any other appropriate congressional com-  
21      mittee upon request, a briefing on—

22           (A) the process developed under paragraph  
23           (1) of section 3237(a) of the National Nuclear  
24           Security Administration Act, as added by sub-  
25           section (a); and

1                   (B) the official designated under paragraph  
2                   (2) of such section 3237(a).

3                   (2) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
4                   *DEFINED.*—*In this subsection, the term “appropriate*  
5                   *congressional committees” means the following:*

6                   (A) *The Committees on Armed Services of*  
7                   *the House of Representatives and the Senate.*

8                   (B) *The Committee on Energy and Com-*  
9                   *merce and the Permanent Select Committee on*  
10                  *Intelligence of the House of Representatives.*

11                  (C) *The Committee on Energy and Natural*  
12                  *Resources and the Select Committee on Intel-*  
13                  *ligence of the Senate.*

14 **SEC. 3112. DEPARTMENT OF ENERGY COUNTERINTEL-**  
15 **LIGENCE POLYGRAPH PROGRAM.**

16                  *Section 4504(b) of the Atomic Energy Defense Act (50*  
17 *U.S.C. 2654(b)) is amended by adding at the end the fol-*  
18 *lowing new paragraph:*

19                  “(4) *The regulations prescribed under paragraph (1)*  
20 *shall ensure that the persons subject to the counterintel-*  
21 *ligence polygraph program required by subsection (a) in-*  
22 *clude any person who is—*

23                  “(A) *a national of the United States (as such*  
24                  *term is defined in section 101 of the Immigration and*

1       *Nationality Act (8 U.S.C. 1101)) and also a national*  
 2       *of a foreign state; and*

3               “(B) *an employee or contractor who requires ac-*  
 4       *cess to classified information.”.*

5   **SEC. 3113. EXTENSION OF ENHANCED PROCUREMENT AU-**  
 6               **THORITY TO MANAGE SUPPLY CHAIN RISK.**

7       (a) *EXTENSION.*—Subsection (g) of section 4806 of the  
 8   *Atomic Energy Defense Act (50 U.S.C. 2786) is amended*  
 9   *to read as follows:*

10       “(g) *TERMINATION.*—The authority under this section  
 11   *shall terminate on June 30, 2023.”.*

12       (b) *TECHNICAL AMENDMENT.*—Subsection (f)(5)(A) of  
 13   *such section is amended by striking “section 3542(b) of title*  
 14   *44” and inserting “section 3552(b) of title 44”.*

15   **SEC. 3114. LOW-YIELD NUCLEAR WEAPONS.**

16       (a) *REPEAL OF PROHIBITION.*—Section 3116 of the  
 17   *National Defense Authorization Act for Fiscal Year 2004*  
 18   *(Public Law 108–136; 50 U.S.C. 2529 note) is amended by*  
 19   *striking subsection (c).*

20       (b) *AUTHORIZATION.*—The Secretary of Energy, act-  
 21   *ing through the Administrator for Nuclear Security, may*  
 22   *carry out the engineering development phase, and any sub-*  
 23   *sequent phase, to modify or develop a low-yield nuclear*  
 24   *warhead for submarine-launched ballistic missiles.*

1 **SEC. 3115. USE OF FUNDS FOR CONSTRUCTION AND**  
2 **PROJECT SUPPORT ACTIVITIES RELATING TO**  
3 **MOX FACILITY.**

4 (a) *IN GENERAL.*—*Except as provided by subsection*  
5 *(b), the Secretary of Energy shall carry out construction*  
6 *and project support activities relating to the MOX facility*  
7 *using funds authorized to be appropriated by this Act or*  
8 *otherwise made available for fiscal year 2019 for the Na-*  
9 *tional Nuclear Security Administration for the MOX facil-*  
10 *ity.*

11 (b) *WAIVER.*—*The Secretary may waive the require-*  
12 *ment under subsection (a) if the Secretary submits to the*  
13 *congressional defense committees the matters specified in*  
14 *section 3121(b)(1) of the National Defense Authorization*  
15 *Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
16 *1892).*

17 (c) *DEFINITIONS.*—*In this section:*

18 (1) *The term “MOX facility” means the mixed-*  
19 *oxide fuel fabrication facility at the Savannah River*  
20 *Site, Aiken, South Carolina.*

21 (2) *The term “project support activities” means*  
22 *activities that support the design, long-lead equip-*  
23 *ment procurement, and site preparation of the MOX*  
24 *facility.*

1 **SEC. 3116. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
2 **PROGRAMS IN RUSSIAN FEDERATION.**

3 (a) *PROHIBITION.*—None of the funds authorized to be  
4 appropriated by this Act or otherwise made available for  
5 fiscal year 2019 for atomic energy defense activities may  
6 be obligated or expended to enter into a contract with, or  
7 otherwise provide assistance to, the Russian Federation.

8 (b) *WAIVER.*—The Secretary of Energy, without dele-  
9 gation, may waive the prohibition in subsection (a) only  
10 if—

11 (1) the Secretary determines, in writing, that a  
12 nuclear-related threat in the Russian Federation must  
13 be addressed urgently and it is necessary to waive the  
14 prohibition to address that threat;

15 (2) the Secretary of State and the Secretary of  
16 Defense concur in the determination under paragraph  
17 (1);

18 (3) the Secretary of Energy submits to the ap-  
19 propriate congressional committees a report con-  
20 taining—

21 (A) a notification that the waiver is in the  
22 national security interest of the United States;

23 (B) justification for the waiver, including  
24 the determination under paragraph (1); and

25 (C) a description of the activities to be car-  
26 ried out pursuant to the waiver, including the



1           *expected cost and timeframe for such activities;*  
 2           *and*

3           *(4) a period of seven days elapses following the*  
 4           *date on which the Secretary submits the report under*  
 5           *paragraph (3).*

6           *(c) EXCEPTION.—The prohibition under subsection (a)*  
 7           *and the requirements under subsection (b) to waive that*  
 8           *prohibition shall not apply to an amount, not to exceed*  
 9           *\$3,000,000, that the Secretary may make available for the*  
 10          *Department of Energy Russian Health Studies Program.*

11          *(d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
 12          *FINED.—In this section, the term “appropriate congres-*  
 13          *sional committees” means the following:*

14                 *(1) The congressional defense committees.*

15                 *(2) The Committee on Foreign Relations of the*  
 16                 *Senate and the Committee on Foreign Affairs of the*  
 17                 *House of Representatives.*

18   **SEC. 3117. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
 19                         **RESEARCH AND DEVELOPMENT OF AD-**  
 20                         **VANCED NAVAL NUCLEAR FUEL SYSTEM**  
 21                         **BASED ON LOW-ENRICHED URANIUM.**

22          *(a) PROHIBITION.—Except as provided by subsection*  
 23          *(b), none of the funds authorized to be appropriated by this*  
 24          *Act or otherwise made available for fiscal year 2019 for the*  
 25          *Department of Energy or the Department of Defense may*

1 *be obligated or expended to plan or carry out research and*  
 2 *development of an advanced naval nuclear fuel system based*  
 3 *on low-enriched uranium.*

4       (b) *EXCEPTION.—In accordance with section 7319 of*  
 5 *title 10, United States Code, of the funds authorized to be*  
 6 *appropriated by this Act or otherwise made available for*  
 7 *fiscal year 2019 for defense nuclear nonproliferation, as*  
 8 *specified in the funding table in division D, \$10,000,000*  
 9 *shall be made available to the Deputy Administrator for*  
 10 *Naval Reactors of the National Nuclear Security Adminis-*  
 11 *tration for low-enriched uranium activities (including*  
 12 *downblending of high-enriched uranium fuel into low-en-*  
 13 *riched uranium fuel, research and development using low-*  
 14 *enriched uranium fuel, or the modification or procurement*  
 15 *of equipment and infrastructure related to such activities)*  
 16 *to develop an advanced naval nuclear fuel system based on*  
 17 *low-enriched uranium.*

18 **SEC. 3118. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**  
 19 **ING TO SUBMISSION OF ANNUAL REPORTS**  
 20 **ON UNFUNDED PRIORITIES.**

21 *Section 4716 of the Atomic Energy Defense Act (50*  
 22 *U.S.C. 2756) is amended—*

23       (1) *by redesignating subsection (c) as subsection*  
 24 *(d); and*

1           (2) *by inserting after subsection (b) the following*  
 2       *new subsection (c):*

3       “(c) *LIMITATION.—If the Administrator fails to sub-*  
 4       *mit to the congressional defense committees a report re-*  
 5       *quired by subsection (a) for any of fiscal years 2020 through*  
 6       *2024 that contains at least one unfunded priority by the*  
 7       *deadline specified in such subsection, none of the funds au-*  
 8       *thorized to be appropriated or otherwise made available for*  
 9       *the fiscal year in which such failure occurs for travel and*  
 10       *transportation of persons under the Federal salaries and*  
 11       *expenses account of the Administration may be obligated*  
 12       *or expended until the date on which the Administrator sub-*  
 13       *mits such report.”.*

14                               ***Subtitle C—Reports***

15       ***SEC. 3121. NOTIFICATION REGARDING RELEASE OF CON-***  
 16                               ***TAMINATION AT HANFORD SITE.***

17       “(a) *IN GENERAL.—Subtitle C of title XLIV of the*  
 18       *Atomic Energy Defense Act (50 U.S.C. 2621 et seq.) is*  
 19       *amended by adding at the end the following new section:*

20       ***“SEC. 4447. NOTIFICATION REGARDING RELEASE OF CON-***  
 21                               ***TAMINATION.***

22       *“If the Assistant Secretary of Energy for Environ-*  
 23       *mental Management detects an improper release of con-*  
 24       *tamination resulting from defense waste at the Hanford Nu-*

1 clear Reservation, Richland, Washington, the Assistant Sec-  
 2 retary shall—

3 “(1) not later than two days after the date of  
 4 such detection, notify the congressional defense com-  
 5 mittees of such release of contamination; and

6 “(2) not later than seven days after the date of  
 7 such detection, provide the congressional defense com-  
 8 mittees a briefing on the status of such release of con-  
 9 tamination, including—

10 “(A) the cause of the release, if known; and

11 “(B) plans to address and remediate the re-  
 12 lease, including associated costs and timelines.”.

13 (b) CLERICAL AMENDMENT.—The table of contents at  
 14 the beginning of such Act is amended by inserting after the  
 15 item relating to section 4446 the following new item:

“Sec. 4447. Notification regarding release of contamination.”.

## 16 **Subtitle D—Other Matters**

### 17 **SEC. 3131. INCLUSION OF CAPITAL ASSETS ACQUISITION** 18 **PROJECTS IN ACTIVITIES BY DIRECTOR FOR** 19 **COST ESTIMATING AND PROGRAM EVALUA-** 20 **TION.**

21 Section 3221(h)(2) of the National Nuclear Security  
 22 Administration Act (50 U.S.C. 2411(h)(2)) is amended—

23 (1) by striking “PROGRAM.—” and all that fol-  
 24 lows through “, the term” and inserting “PRO-  
 25 GRAM.—The term”;

- 1           (2) *by striking subparagraph (B); and*  
2           (3) *by redesignating clauses (i) and (ii) as sub-*  
3           *paragraphs (A) and (B), respectively.*

4 **SEC. 3132. WHISTLEBLOWER PROTECTIONS.**

5           (a) *FINDINGS.—Congress finds the following:*

6           (1) *The Department of Energy and its contrac-*  
7           *tors rely to a significant extent on workers to bring*  
8           *attention to important nuclear safety concerns.*

9           (2) *The Department of Energy, including the*  
10          *National Nuclear Security Administration, have a*  
11          *strong interest in preventing whistleblower retaliation*  
12          *and in ensuring the work environment is conducive to*  
13          *employees raising concerns.*

14          (3) *Retaliation against whistleblowers can lead*  
15          *to a chilled work environment in which employees do*  
16          *not feel free to raise important safety concerns.*

17          (4) *The Comptroller General of the United States*  
18          *found in a 2016 report titled “Whistleblower Protec-*  
19          *tions Need Strengthening” that the Department of*  
20          *Energy had infrequently used its enforcement author-*  
21          *ity to hold contractors accountable for unlawful retal-*  
22          *iation, issuing only two violation notices in the past*  
23          *20 years.*

24          (5) *The Comptroller General also found that the*  
25          *Department had taken limited or no action to hold*

1        *contractors accountable for creating a chilled work en-*  
2        *vironment.*

3        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
4        *that—*

5                *(1) raising nuclear safety concerns is important*  
6        *for avoiding potentially catastrophic incidents or*  
7        *harm to workers and the public;*

8                *(2) the Department of Energy should protect*  
9        *whistleblowers and take action against contractors*  
10       *and subcontractors that retaliate against whistle-*  
11       *blowers; and*

12               *(3) such action sends a strong signal to prevent*  
13       *or limit retaliation against whistleblowers.*

14        *(c) CIVIL PENALTIES.—The Secretary of Energy, in-*  
15       *cluding by acting through the Administrator for Nuclear*  
16       *Security as appropriate, shall impose civil penalties under*  
17       *section 234 a. of the Atomic Energy Act of 1954 (42 U.S.C.*  
18       *2282(a)), as the Secretary or the Administrator determines*  
19       *appropriate, on contractors, subcontractors, and suppliers*  
20       *for violations of the rules, regulations, or orders of the De-*  
21       *partment of Energy relating to nuclear safety and radi-*  
22       *ation protection.*

23        *(d) CHILLED WORK ENVIRONMENT.—Not later than*  
24       *120 days after the date of the enactment of this Act, the*  
25       *Secretary shall clearly define what constitutes evidence of*

1 *a chilled work environment with respect to employees and*  
2 *contractors of the Department making a whistleblower com-*  
3 *plaint under section 4602 of the Atomic Energy Defense Act*  
4 *(50 U.S.C. 2702), or any other law that may provide pro-*  
5 *tection for disclosures of information by such employees or*  
6 *contractors, without fear of being discharged, demoted, or*  
7 *otherwise discriminated against as a reprisal.*

8 *(e) NOTIFICATION.—*

9 *(1) IN GENERAL.—Not later than February 1,*  
10 *2019, and each year thereafter through 2021, the Sec-*  
11 *retary of Energy shall submit to the appropriate con-*  
12 *gressional committees an annual notification on*  
13 *whether any penalties were imposed pursuant to sub-*  
14 *section (c), including a description of such penalties*  
15 *and the entities against which the penalties were im-*  
16 *posed.*

17 *(2) APPROPRIATE CONGRESSIONAL COMMIT-*  
18 *TEES.—In this subsection, the term “appropriate con-*  
19 *gressional committees” means—*

20 *(A) the congressional defense committees;*  
21 *and*

22 *(B) the Committee on Energy and Com-*  
23 *merce of the House of Representatives and the*  
24 *Committee on Energy and Natural Resources of*  
25 *the Senate.*

1 **TITLE XXXII—DEFENSE NU-**  
 2 **CLEAR FACILITIES SAFETY**  
 3 **BOARD**

4 **SEC. 3201. AUTHORIZATION.**

5 *There are authorized to be appropriated for fiscal year*  
 6 *2019, \$31,243,000 for the operation of the Defense Nuclear*  
 7 *Facilities Safety Board under chapter 21 of the Atomic En-*  
 8 *ergy Act of 1954 (42 U.S.C. 2286 et seq.).*

9 **TITLE XXXIV—NAVAL**  
 10 **PETROLEUM RESERVES**

11 **SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.**

12 *(a) AMOUNT.—There are hereby authorized to be ap-*  
 13 *propriated to the Secretary of Energy \$10,000,000 for fiscal*  
 14 *year 2019 for the purpose of carrying out activities under*  
 15 *chapter 641 of title 10, United States Code, relating to the*  
 16 *naval petroleum reserves.*

17 *(b) PERIOD OF AVAILABILITY.—Funds appropriated*  
 18 *pursuant to the authorization of appropriations in sub-*  
 19 *section (a) shall remain available until expended.*



***TITLE XXXV—MARITIME  
MATTERS***

***Subtitle A—Maritime  
Administration***

***SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINIS-  
TRATION.***

*There are authorized to be appropriated to the Department of Transportation for fiscal year 2018, to be available without fiscal year limitation if so provided in appropriations Acts, for programs associated with maintaining the United States merchant marine, the following amounts:*

*(1) For expenses necessary for operations of the United States Merchant Marine Academy, \$74,593,000, of which—*

*(A) \$70,593,000 shall be for Academy operations; and*

*(B) \$4,000,000 shall remain available until expended for capital asset management at the Academy.*

*(2) For expenses necessary to support the State maritime academies, \$24,400,000, of which—*

*(A) \$2,400,000 shall remain available until September 30, 2019, for the Student Incentive Program; and*

1           (B) \$22,000,000 shall remain available  
2           until expended for maintenance and repair of  
3           State maritime academy training vessels.

4           (3) For expenses necessary to support the Na-  
5           tional Security Multi-Mission Vessel Program,  
6           \$350,000,000, which shall remain available until ex-  
7           pended.

8           (4) For expenses necessary to support Maritime  
9           Administration operations and programs,  
10          \$53,435,000.

11          (5) For expenses necessary to dispose of vessels in  
12          the National Defense Reserve Fleet, \$30,000,000,  
13          which shall remain available until expended.

14          (6) For expenses necessary to maintain and pre-  
15          serve a United States flag merchant marine to serve  
16          the national security needs of the United States under  
17          chapter 531 of title 46, United States Code,  
18          \$300,000,000.

19          (7) For expenses necessary for the loan guarantee  
20          program authorized under chapter 537 of title 46,  
21          United States Code, \$33,000,000, of which—

22                (A) \$30,000,000 may be used for the cost  
23                (as defined in section 502(5) of the Federal Cred-  
24                it Reform Act of 1990 (2 U.S.C. 661a(5))) of  
25                loan guarantees under the program; and

1           (B) \$3,000,000 may be used for administra-  
 2           tive expenses relating to loan guarantee commit-  
 3           ments under the program.

4           (8) For expenses necessary to provide small ship-  
 5           yards and maritime communities grants under sec-  
 6           tion 54101 of title 46, United States Code,  
 7           \$35,000,000.

8   **SEC. 3502. COMPLIANCE BY READY RESERVE FLEET VES-**  
 9                   **SELS WITH SOLAS LIFEBOATS AND FIRE SUP-**  
 10                   **PPRESSION REQUIREMENTS.**

11       The Secretary of Defense shall, consistent with section  
 12 2244a of title 10, United States Code, use authority under  
 13 section 2218 of such title to make such modifications to  
 14 Ready Reserve Fleet vessels as are necessary for such vessels  
 15 to comply requirements for lifeboats and fire suppression  
 16 under the International Convention for the Safety of Life  
 17 at Sea by not later than October 1, 2021.

18   **SEC. 3503. MARITIME ADMINISTRATION NATIONAL SECU-**  
 19                   **RITY MULTI-MISSION VESSEL PROGRAM.**

20       Section 3505 of the National Defense Authorization  
 21 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
 22 2776) is amended by adding at the end the following:

23       “(h) *LIMITATION ON USE OF FUNDS FOR USED VES-*  
 24   *SELS.*—Amounts authorized by this or any other Act for  
 25 use by the Maritime Administration to carry out this sec-

1 *tion may not be used for the procurement of any used ves-*  
 2 *sel.”.*

3 **SEC. 3504. PERMANENT AUTHORITY OF SECRETARY OF**  
 4 **TRANSPORTATION TO ISSUE VESSEL WAR**  
 5 **RISK INSURANCE.**

6 *(a) IN GENERAL.—Section 53912 of title 46, United*  
 7 *States Code, is repealed.*

8 *(b) CLERICAL AMENDMENT.—The table of sections at*  
 9 *the beginning of chapter 539 of title 46, United States Code,*  
 10 *is amended by striking the item relating to section 53912.*

11 **SEC. 3505. USE OF STATE MARITIME ACADEMY TRAINING**  
 12 **VESSELS.**

13 *(a) IN GENERAL.—Section 51504(g) of title 46, United*  
 14 *States Code, is amended to read as follows:*

15 *“(g) TRAINING VESSEL CAPACITY SHARING.—*

16 *“(1) IN GENERAL.—The Secretary, acting*  
 17 *through the Maritime Administrator and in consulta-*  
 18 *tion with the State maritime academies, implement a*  
 19 *program under which State maritime academies shall*  
 20 *share among such academies training vessel capacity*  
 21 *provided by the Secretary as necessary to ensure that*  
 22 *training needs for the purpose of training licensed*  
 23 *mariners of each academy are met in periods of lim-*  
 24 *ited vessel capacity that could affect required licensed*

1        *mariner training as determined by the Maritime Ad-*  
2        *ministrator.*

3                “(2) *PROGRAM REQUIREMENTS.—The program*  
4        *shall include—*

5                        “(A) *ways to maximize the underway train-*  
6                        *ing capacity for licensed mariners available in*  
7                        *the fleet of training vessels;*

8                        “(B) *coordinating the dates and duration of*  
9                        *training cruises with the academic calendars of*  
10                        *State maritime academies, and*

11                        “(C) *identifying ways to minimize costs as-*  
12                        *sociated with training voyages for both the Mari-*  
13                        *time Administration and the State maritime*  
14                        *academies.*

15                “(3) *ADDITIONAL FUNDING.—Subject to the*  
16        *availability of appropriations, the Maritime Admin-*  
17        *istrator may provide additional funding the State*  
18        *maritime academies during periods of limited train-*  
19        *ing vessel capacity, for costs associated with training*  
20        *vessel sharing.*

21                “(4) *EVALUATION AND MODIFICATION.—Not later*  
22        *than 30 days after the beginning of each fiscal year*  
23        *and as the Maritime Administrator determines nec-*  
24        *essary in the State maritime academy training year,*

1        *the Secretary, acting through the Maritime Adminis-*  
 2        *trator, shall—*

3                *“(A) evaluate the program under this sub-*  
 4                *section to determine the optimal utilization of*  
 5                *State maritime academy training vessels for the*  
 6                *purpose described in paragraph (1); and*

7                *“(B) modify the program as necessary to*  
 8                *improve such utilization.”.*

9        *(b) DEADLINE.—The Secretary of Transportation shall*  
 10        *begin implementing the program required by the amend-*  
 11        *ment made by subsection (a) by not later than 180 days*  
 12        *after the date of the enactment of this Act.*

### 13                ***Subtitle B—Coast Guard***

#### 14        ***SEC. 3521. ALIGNMENT WITH DEPARTMENT OF DEFENSE*** 15                ***AND SEA SERVICES AUTHORITIES.***

16        *(a) PROHIBITING SEXUAL HARASSMENT; REPORT.—*

17                *(1) NOTIFICATION.—*

18                *(A) IN GENERAL.—The Commandant of the*  
 19                *Coast Guard shall notify the Committee on*  
 20                *Transportation and Infrastructure and the Com-*  
 21                *mittee on Homeland Security of the House of*  
 22                *Representatives and the Committee on Com-*  
 23                *merce, Science, and Transportation of the Senate*  
 24                *on August 26, 2018, if there is not in effect a*  
 25                *general order or regulation prohibiting sexual*

1 *harassment by members of the Coast Guard and*  
 2 *clearly stating that a violation of such order or*  
 3 *regulation is punishable in accordance with the*  
 4 *Uniform Code of Military Justice.*

5 *(B) CONTENTS.—The notification required*  
 6 *under subparagraph (A) shall include—*

7 *(i) details regarding the status of the*  
 8 *drafting of such general order or regulation;*

9 *(ii) a projected implementation*  
 10 *timeline for such general order or regula-*  
 11 *tion; and*

12 *(iii) an explanation regarding any*  
 13 *barriers to implementation.*

14 *(2) REPORT.—Section 217 of the Coast Guard*  
 15 *Authorization Act of 2010 (Public Law 111–281; 124*  
 16 *Stat. 2917) is amended—*

17 *(A) in subsection (a), by inserting “and in-*  
 18 *cidents of sexual harassment” after “sexual as-*  
 19 *saults”; and*

20 *(B) in subsection (b)—*

21 *(i) in paragraph (1), by inserting*  
 22 *“and incidents of sexual harassment” after*  
 23 *“sexual assault” each place it appears;*<sup>2</sup>

1                   (ii) in paragraph (3), by inserting  
2                   “and sexual harassment” after “sexual as-  
3                   sault”; and

4                   (iii) in paragraph (4), by inserting  
5                   “and sexual harassment” after “sexual as-  
6                   sault”.

7           (b) *ANNUAL PERFORMANCE REPORT.*—

8                   (1) *IN GENERAL.*—Chapter 29 of title 14, United  
9                   States Code, is amended by adding at the end the fol-  
10                  lowing:

11       **“§ 2905. Annual performance report**

12               “Not later than the date on which the President sub-  
13               mits to Congress a budget pursuant to section 1105 of title  
14               31, the Commandant of the Coast Guard shall make avail-  
15               able on a public website and submit to the Committee on  
16               Transportation and Infrastructure of the House of Rep-  
17               resentatives and the Committee on Commerce, Science, and  
18               Transportation of the Senate an update on Coast Guard  
19               mission performance during the previous fiscal year.”.

20               (2) *CLERICAL AMENDMENT.*—The analysis at the  
21               beginning of such chapter is amended by adding at  
22               the end the following:

“2905. Annual performance report.”.



1 **SEC. 3522. PRELIMINARY DEVELOPMENT AND DEMONSTRATION.**  
2

3 *Section 573 of title 14, United States Code, is amend-*  
4 *ed—*

5 *(1) in subsection (b)(3), by—*

6 *(A) striking “require that safety concerns*  
7 *identified” and inserting “ensure that inde-*  
8 *pendent third parties and Government employees*  
9 *that identify safety concerns”; and*

10 *(B) striking “Coast Guard shall be commu-*  
11 *nicated as” and inserting “Coast Guard commu-*  
12 *nicate such concerns as;”*

13 *(2) in subsection (b)(4), by striking “Any safety*  
14 *concerns that have been reported to the Chief Acquisi-*  
15 *tion Officer for an acquisition program or project*  
16 *shall be reported by the Commandant” and inserting*  
17 *“The Commandant shall ensure that any safety con-*  
18 *cerns that have been communicated under paragraph*  
19 *(3) for an acquisition program or project are re-*  
20 *ported”;*

21 *(3) in subsection (b)(5)—*

22 *(A) by striking the matter preceding sub-*  
23 *paragraph (A) and inserting the following:*

24 *“(5) ASSET ALREADY IN LOW, INITIAL, OR FULL-*  
25 *RATE PRODUCTION.—The Commandant shall ensure*  
26 *that if an independent third party or a Government*

1     *employee identifies a safety concern with a capability*  
2     *or asset or any subsystems of a capability or asset not*  
3     *previously identified during operational test and*  
4     *evaluation of a capability or asset already in low,*  
5     *initial, or full-rate production—”;*

6             *(B) in subparagraph (A), by inserting “the*  
7     *Commandant, through the Assistant Com-*  
8     *mandant for Capability, shall” before “notify”;*  
9     *and*

10            *(C) in subparagraph (B), by striking “no-*  
11     *tify the Chief Acquisition Officer and include in*  
12     *such notification” and inserting “the Deputy*  
13     *Commandant for Mission Support shall notify*  
14     *the Commandant and the Deputy Commandant*  
15     *for Operations of the safety concern within 50*  
16     *days after the notification required under sub-*  
17     *paragraph (A), and include in such notifica-*  
18     *tion”;* *and*

19     *(4) in subsection (c)—*

20            *(A) in paragraph (2)(A), by striking “and*  
21     *that are delivered after the date of enactment of*  
22     *the Coast Guard Authorization Act of 2010”;*  
23     *and*

1                   (B) in paragraph (5), by striking “and de-  
 2                   livered after the date of enactment of the Coast  
 3                   Guard Authorization Act of 2010”.

4 **SEC. 3523. CONTRACT TERMINATION.**

5           (a) *IN GENERAL*.—Chapter 17 of title 14, United  
 6 States Code, is amended by inserting after section 656 the  
 7 following:

8 **“§ 657. Contract termination**

9           “(a) *IN GENERAL*.—

10                   “(1) *NOTIFICATION*.—Before terminating a pro-  
 11 curement or acquisition contract with a total value of  
 12 more than \$1,000,000, the Commandant of the Coast  
 13 Guard shall notify each vendor under such contract  
 14 and require the vendor to maintain all work product  
 15 related to the contract until the earlier of—

16                           “(A) not less than 1 year after the date of  
 17 the notification; or

18                           “(B) the date the Commandant notifies the  
 19 vendor that maintenance of such work product is  
 20 no longer required.

21           “(b) *WORK PRODUCT DEFINED*.—In this section the  
 22 term ‘work product’—

23                   “(1) means tangible and intangible items and  
 24 information produced or possessed as a result of a  
 25 contract referred to in subsection (a); and

1           “(2) *includes—*

2                   “(A) *any completed end items;*

3                   “(B) *any uncompleted end items; and*

4                   “(C) *any property in the contractor’s pos-*  
5                   *session in which the United States Government*  
6                   *has an interest.*

7           “(c) *PENALTY.—A vendor that fails to maintain work*  
8           *product as required under subsection (a) is liable to the*  
9           *United States for a civil penalty of not more than \$25,000*  
10           *for each day on which such work product is unavailable.*

11           “(d) *REPORT.—Not later than 45 days after the end*  
12           *of each fiscal year, the Commandant of the Coast Guard*  
13           *shall provide to the Committee on Transportation and In-*  
14           *frastructure of the House of Representatives and the Com-*  
15           *mittee on Commerce, Science, and Transportation of the*  
16           *Senate a report detailing—*

17                   “(1) *all Coast Guard contracts with a total value*  
18                   *of more than \$1,000,000 that were terminated in the*  
19                   *fiscal year;*

20                   “(2) *all vendors who were notified under sub-*  
21                   *section (a)(1) in the fiscal year, and the date of such*  
22                   *notification;*

23                   “(3) *all criminal, administrative, and other in-*  
24                   *vestigations regarding any contract with a total value*

1       of more than \$1,000,000 that were initiated by the  
2       Coast Guard in the fiscal year;

3               “(4) all criminal, administrative, and other in-  
4       vestigations regarding contracts with a total value of  
5       more than \$1,000,000 that were completed by the  
6       Coast Guard in the fiscal year; and

7               “(5) an estimate of costs incurred by the Coast  
8       Guard, including contract line items and termination  
9       costs, as a result of the requirements of this section.”.

10       (b) *CLERICAL AMENDMENT.*—The analysis at the be-  
11       ginning of such chapter is amended by inserting after the  
12       item relating to section 656 the following:

      “657. Contract termination.”.

13       **SEC. 3524. REIMBURSEMENT FOR TRAVEL EXPENSES.**

14       The text of section 518 of title 14, United States Code  
15       is amended to read as follows:

16       *“In any case in which a covered beneficiary (as defined*  
17       *in section 1072(5) of title 10) resides on an island that is*  
18       *located in the 48 contiguous States and the District of Co-*  
19       *lumbia and that lacks public access roads to the mainland,*  
20       *the Secretary shall reimburse the reasonable travel expenses*  
21       *of the covered beneficiary and, when accompaniment by an*  
22       *adult is necessary, for a parent or guardian of the covered*  
23       *beneficiary or another member of the covered beneficiary’s*  
24       *family who is at least 21 years of age, if—*

1           “(1) the covered beneficiary is referred by a pri-  
 2           mary care physician to a specialty care provider (as  
 3           defined in section 1074i(b) of title 10) on the main-  
 4           land who provides services less than 100 miles from  
 5           the location where the beneficiary resides; or

6           “(2) the Coast Guard medical regional manager  
 7           for the area in which such island is located deter-  
 8           mines that the covered beneficiary requires services of  
 9           a primary care, specialty care, or dental provider  
 10          and such a provider who is part of the network of  
 11          providers of a TRICARE program (as that term is  
 12          defined in section 1072(7) of title 10) does not prac-  
 13          tice on such island.”.

14 **SEC. 3525. CAPITAL INVESTMENT PLAN.**

15          Section 2902(a) of title 14, United States Code, is  
 16          amended—

17               (1) by striking “On the date” and inserting “Not  
 18               later than 60 days after the date”;

19               (2) in paragraph (1)(D), by striking “and”; and

20               (3) by inserting after paragraph (1)(E) the fol-  
 21          lowing:

22                       “(F) projected commissioning and decom-  
 23                       missioning dates for each asset; and”.

1 **SEC. 3526. MAJOR ACQUISITION PROGRAM RISK ASSESS-**  
2 **MENT.**

3 (a) *IN GENERAL.*—Chapter 29 of title 14, United  
4 States Code, as amended by section 3521(b)(1) of this Act,  
5 is further amended by adding at the end the following:

6 **“§ 2906. Major acquisition program risk assessment**

7 “(a) *IN GENERAL.*—Not later than April 15 and Octo-  
8 ber 15 of each year, the Commandant of the Coast Guard  
9 shall provide to the Committee on Transportation and In-  
10 frastructure of the House of Representatives and the Com-  
11 mittee on Commerce, Science, and Transportation of the  
12 Senate a briefing regarding a current assessment of the  
13 risks associated with all current major acquisition pro-  
14 grams, as that term is defined in section 2903(f).

15 “(b) *ELEMENTS.*—Each assessment under this sub-  
16 section shall include, for each current major acquisition  
17 program, discussion of the following:

18 “(1) *The top five current risks to such program.*

19 “(2) *Any failure of such program to demonstrate*  
20 *a key performance parameter or threshold during*  
21 *operational test and evaluation conducted during the*  
22 *2 fiscal-year quarters preceding such assessment.*

23 “(3) *Whether there has been any decision in such*  
24 *2 fiscal-year quarters to order full-rate production be-*  
25 *fore all key performance parameters or thresholds are*  
26 *met.*

1           “(4) Whether there has been any breach of major  
2       acquisition program cost (as defined by the Major  
3       Systems Acquisition Manual) in such 2 fiscal-year  
4       quarters.

5           “(5) Whether there has been any breach of major  
6       acquisition program schedule (as so defined) during  
7       such 2 fiscal-year quarters.”.

8       (b) *CLERICAL AMENDMENT.*—*The analysis at the be-*  
9       *ginning of such chapter is further amended by adding at*  
10      *the end the following:*

          “2906. Major acquisition program risk assessment.”.

11       (c) *CONFORMING AMENDMENTS.*—*Section 2903 of title*  
12      *14, United States Code, is amended—*

13               (1) *by striking subsection (f); and*

14               (2) *by redesignating subsection (g) as subsection*  
15      *(f).*

16      **SEC. 3527. MARINE SAFETY IMPLEMENTATION STATUS.**

17       *On the date on which the President submits to Con-*  
18      *gress a budget for fiscal year 2020 under section 1105 of*  
19      *title 31, and on such date for each of the 2 subsequent years,*  
20      *the Commandant of the Coast Guard shall submit to the*  
21      *Committee on Transportation and Infrastructure of the*  
22      *House of Representatives and the Committee on Commerce,*  
23      *Science, and Transportation of the Senate a report on the*  
24      *status of implementation of each action outlined in the*



1 *Commandant’s final action memo dated December 19,*  
 2 *2017.*

3 **SEC. 3528. RETIREMENT OF VICE COMMANDANT.**

4 (a) *IN GENERAL.*—Section 46 of title 14, United  
 5 States Code, is amended—

6 (1) *in the section heading, by inserting “or*  
 7 ***Vice Commandant****” after “Commandant”;*

8 (2) *by redesignating subsection (a) as subsection*  
 9 *(a)(1);*

10 (3) *by adding at the end of subsection (a) the fol-*  
 11 *lowing:*

12 “(2) *A Vice Commandant who is not reappointed*  
 13 *or appointed Commandant shall be retired with the*  
 14 *grade of admiral at the expiration of the appointed*  
 15 *term, except as provided in section 51(d).”;*

16 (4) *in subsections (b) and (c), by inserting “or*  
 17 *Vice Commandant” after “Commandant” each place*  
 18 *it appears; and*

19 (5) *in subsection (c), by striking “his” and in-*  
 20 *serting “the officer’s”.*

21 (b) *CONFORMING AMENDMENT.*—Section 51 of title 14,  
 22 United States Code, is amended by striking “other than the  
 23 Commandant,” each place it appears and inserting “other  
 24 than the Commandant or Vice Commandant,”.

1       (c) *CLERICAL AMENDMENT.*—*The analysis at the be-*  
 2 *ginning of chapter 3 of title 14, United States Code, is*  
 3 *amended by striking the item relating to section 46 and*  
 4 *inserting the following:*

*“46. Retirement of Commandant or Vice Commandant.”.*

5       **SEC. 3529. LARGE COMMERCIAL YACHT CODE.**

6       *The Secretary of the department in which the Coast*  
 7 *Guard is operating, acting through the Commandant of the*  
 8 *Coast Guard, shall develop a Large Commercial Yacht code*  
 9 *for recreational vessels over 300 gross tons as measured*  
 10 *under section 14502 of title 46, United States Code, or an*  
 11 *alternate tonnage measured under section 14302 of such*  
 12 *title (as prescribed by the Secretary under section 14104*  
 13 *of such title), that is comparable to the Code of Safe Prac-*  
 14 *tice for Large Commercial Yachts (commonly referred to as*  
 15 *the “Large Commercial Yacht Code”), as published by the*  
 16 *Maritime and Coast Guard of the United Kingdom. The*  
 17 *Secretary shall complete such code by no later than one year*  
 18 *after the date of the enactment of this Act.*

19       **Subtitle C—Coast Guard and**  
 20       **Shipping Technical Corrections**

21       **CHAPTER 1—COAST GUARD**

22       **SEC. 3531. COMMANDANT DEFINED.**

23       (a) *IN GENERAL.*—*Chapter 1 of title 14, United States*  
 24 *Code, is amended by adding at the end the following:*

1 **“§ 5. Commandant defined**

2       *“In this title, the term ‘Commandant’ means the Com-*  
 3 *mandant of the Coast Guard.”.*

4       (b) *CLERICAL AMENDMENT.—The analysis for chapter*  
 5 *1 of title 14, United States Code, is amended by adding*  
 6 *at the end the following:*

*“5. Commandant defined.”.*

7       (c) *CONFORMING AMENDMENTS.—Title 14, United*  
 8 *States Code, is amended—*

9           (1) *in section 58(a) by striking “Commandant of*  
 10 *the Coast Guard” and inserting “Commandant”;*

11           (2) *in section 101 by striking “Commandant of*  
 12 *the Coast Guard” and inserting “Commandant”;*

13           (3) *in section 693 by striking “Commandant of*  
 14 *the Coast Guard” and inserting “Commandant”;*

15           (4) *in section 672a(a) by striking “Commandant*  
 16 *of the Coast Guard” and inserting “Commandant”;*

17           (5) *in section 678(a) by striking “Commandant*  
 18 *of the Coast Guard” and inserting “Commandant”;*

19           (6) *in section 561(a) by striking “Commandant*  
 20 *of the Coast Guard” and inserting “Commandant”;*

21           (7) *in section 577(a) by striking “Commandant*  
 22 *of the Coast Guard” and inserting “Commandant”;*

23           (8) *in section 581—*

24                *(A) by striking paragraph (4); and*

1                   (B) by redesignating paragraphs (5)  
2                   through (12) as paragraphs (4) through (11), re-  
3                   spectively;

4                   (9) in section 200(a) by striking “Commandant  
5                   of the Coast Guard” and inserting “Commandant”;

6                   (10) in section 196(b)(1) by striking “Com-  
7                   mandant of the Coast Guard” and inserting “Com-  
8                   mandant”;

9                   (11) in section 199 by striking “Commandant of  
10                  the Coast Guard” and inserting “Commandant”;

11                  (12) in section 429(a)(1) by striking “Com-  
12                  mandant of the Coast Guard” and inserting “Com-  
13                  mandant”;

14                  (13) in section 423(a)(2) by striking “Com-  
15                  mandant of the Coast Guard” and inserting “Com-  
16                  mandant”;

17                  (14) in section 2702(5) by striking “Com-  
18                  mandant of the Coast Guard” and inserting “Com-  
19                  mandant”;

20                  (15) in section 2902(a) by striking “Com-  
21                  mandant of the Coast Guard” and inserting “Com-  
22                  mandant”; and

23                  (16) in section 2903(f)(1) by striking “Com-  
24                  mandant of the Coast Guard” and inserting “Com-  
25                  mandant”.

1 **SEC. 3532. TRAINING COURSE ON WORKINGS OF CONGRESS.**

2       Section 60(d) of title 14, United States Code, is  
3 amended to read as follows:

4       “(d) *COMPLETION OF REQUIRED TRAINING.*—A Coast  
5 Guard flag officer who is newly appointed or assigned to  
6 a billet in the National Capital Region, and a Coast Guard  
7 Senior Executive Service employee who is newly employed  
8 in the National Capital Region, shall complete a training  
9 course that meets the requirements of this section not later  
10 than 60 days after reporting for duty.”.

11 **SEC. 3533. MISCELLANEOUS.**

12       (a) *SECRETARY; GENERAL POWERS.*—Section 92 of  
13 title 14, United States Code, is amended by redesignating  
14 subsections (f) through (i) as subsections (e) through (h),  
15 respectively.

16       (b) *COMMANDANT; GENERAL POWERS.*—Section  
17 93(a)(21) of title 14, United States Code, is amended by  
18 striking “section 30305(a)” and inserting “section  
19 30305(b)(7)”.

20       (c) *ENLISTED MEMBERS.*—

21               (1) *DEPARTMENT OF THE ARMY AND DEPART-*  
22 *MENT OF THE AIR FORCE.*—Section 144(b) of title 14,  
23 United States Code, is amended by striking “enlisted  
24 men” each place it appears and inserting “enlisted  
25 members”.

1           (2) *NAVY DEPARTMENT*.—Section 145(b) of title  
2       14, *United States Code*, is amended by striking “en-  
3       listed men” each place it appears and inserting “en-  
4       listed members”.

5           (3) *PURCHASE OF COMMISSARY AND QUARTER-*  
6       *MASTER SUPPLIES*.—Section 4 of the Act of May 22,  
7       1926 (44 Stat. 626, chapter 371; 33 U.S.C. 754a), is  
8       amended by striking “enlisted men” and inserting  
9       “enlisted members”.

10       (d) *ARCTIC MARITIME TRANSPORTATION*.—Section  
11   90(f) of title 14, *United States Code*, is amended by striking  
12   the question mark.

13       (e) *LONG-TERM LEASE AUTHORITY FOR LIGHTHOUSE*  
14   *PROPERTY*.—Section 672a(a) of title 14, *United States*  
15   *Code*, as amended by this Act, is further amended by strik-  
16   ing “Section 321 of chapter 314 of the Act of June 30, 1932  
17   (40 U.S.C. 303b)” and inserting “Section 1302 of title 40”.

18       (f) *REQUIRED CONTRACT TERMS*.—Section 565 of title  
19   14, *United States Code*, is amended—

20           (1) in subsection (a) by striking “awarded or  
21       issued by the Coast Guard after the date of enactment  
22       of the Coast Guard Authorization Act of 2010”; and

23           (2) in subsection (b)(1) by striking “after the  
24       date of enactment of the Coast Guard Authorization  
25       Act of 2010”.

1       (g) *ACQUISITION PROGRAM BASELINE BREACH*.—Section  
 2       tion 575(c) of title 14, United States Code, is amended by  
 3       striking “certification, with a supporting explanation,  
 4       that” and inserting “determination, with a supporting ex-  
 5       planation, of whether”.

6       (h) *ENLISTMENTS; TERM, GRADE*.—Section 351(a) of  
 7       title 14, United States Code, is amended by inserting “the  
 8       duration of their” before “minority”.

9       (i) *MEMBERS OF THE AUXILIARY; STATUS*.—Section  
 10      823a(b)(9) of title 14, United States Code, is amended by  
 11      striking “On or after January 1, 2001, section” and insert-  
 12      ing “Section”.

13      (j) *USE OF MEMBER’S FACILITIES*.—Section 826(b) of  
 14      title 14, United States Code, is amended by striking “sec-  
 15      tion 154 of title 23, United States Code” and inserting “sec-  
 16      tion 30102 of title 49”.

17      (k) *AVAILABILITY OF APPROPRIATIONS*.—Section  
 18      830(b) of title 14, United States Code, is amended by strik-  
 19      ing “1954” and inserting “1986”.

20      **SEC. 3534. DEPARTMENT OF DEFENSE CONSULTATION.**

21      Section 566 of title 14, United States Code, is amend-  
 22      ed—

23               (1) in subsection (b) by striking “enter into” and  
 24               inserting “maintain”; and

25               (2) by striking subsection (d).

1 **SEC. 3535. REPEAL.**

2       Section 568 of title 14, United States Code, and the  
3 item relating to that section in the analysis for chapter 15  
4 of that title, are repealed.

5 **SEC. 3536. MISSION NEED STATEMENT.**

6       Section 569 of title 14, United States Code, is—

7               (1) amended in subsection (a)—

8                       (A) by striking “for fiscal year 2016” and  
9                       inserting “for fiscal year 2019”; and

10                      (B) by striking “, on the date on which the  
11                      President submits to Congress a budget for fiscal  
12                      year 2019 under such section,”.

13 **SEC. 3537. CONTINUATION ON ACTIVE DUTY.**

14       Section 290(a) of title 14, United States Code, is  
15 amended by striking “Officers, other than the Commandant,  
16 serving” and inserting “Officers serving”.

17 **SEC. 3538. SYSTEM ACQUISITION AUTHORIZATION.**

18       (a) *REQUIREMENT FOR PRIOR AUTHORIZATION OF*  
19 *APPROPRIATIONS.*—Section 2701(2) of title 14, United  
20 States Code, is amended by striking “and aircraft” and in-  
21 serting “aircraft, and systems”.

22       (b) *AUTHORIZATION OF APPROPRIATIONS.*—Section  
23 2702(2) of title 14, United States Code, is amended by strik-  
24 ing “and aircraft” and inserting “aircraft, and systems”.



1 **SEC. 3539. INVENTORY OF REAL PROPERTY.**

2 *Section 679 of title 14, United States Code, is amend-*  
 3 *ed—*

4 *(1) in subsection (a) by striking “Not later than*  
 5 *September 30, 2015, the Commandant shall establish”*  
 6 *and inserting “The Commandant shall maintain”;*  
 7 *and*

8 *(2) by striking subsection (b) and inserting the*  
 9 *following:*

10 *“(b) UPDATES.—The Commandant shall update infor-*  
 11 *mation on each unit of real property included in the inven-*  
 12 *tory required under subsection (a) not later than 30 days*  
 13 *after any change relating to the control of such property.”.*

14 **CHAPTER 2—MARITIME TRANSPORTATION**

15 **SEC. 3541. DEFINITIONS.**

16 *(a) IN GENERAL.—*

17 *(1) Section 2101 of title 46, United States Code,*  
 18 *is amended—*

19 *(A) by inserting after paragraph (4) the fol-*  
 20 *lowing:*

21 *“( ) ‘Commandant’ means the Commandant of*  
 22 *the Coast Guard.”;*

23 *(B) by striking the semicolon at the end of*  
 24 *paragraph (14) and inserting a period; and*

1           (C) by redesignating the paragraphs of such  
2           section in order as paragraphs (1) through (54),  
3           respectively.

4           (2) Section 3701 of title 46, United States Code,  
5           is amended by redesignating paragraphs (3) and (4)  
6           as paragraphs (2) and (3) respectively.

7           (b) CONFORMING AMENDMENTS.—

8           (1) Section 114(o)(3) of the Marine Mammal  
9           Protection Act of 1972 (16 U.S.C. 1383a(o)(3)) is  
10          amended—

11           (A) by striking “section 2101(11a)” and in-  
12           serting “section 2101(12)”; and

13           (B) by striking “section 2101(11b)” and in-  
14           serting “section 2101(13)”.

15           (2) Section 3(3) of the Magnuson-Stevens Fish-  
16           ery Conservation and Management Act (16 U.S.C.  
17           1802(3)), is amended by striking “section 2101(21a)”  
18           and inserting “section 2101(30)”.

19           (3) Section 1992(d)(7) of title 18, United States  
20           Code, is amended by striking “section 2101(22)” and  
21           inserting “section 2101(31)”.

22           (4) Section 12(c) of the Fishermen’s Protective  
23           Act of 1967 (22 U.S.C. 1980b(c)) is amended by strik-  
24           ing “section 2101(11a)” and inserting “section  
25           2101(12)”.

1           (5) *Section 311(a)(26)(D) of the Federal Water*  
2           *Pollution Control Act (33 U.S.C. 1321(a)(26)(D)) is*  
3           *amended by striking “section 2101(17a)” and insert-*  
4           *ing “section 2101(23)”.*

5           (6) *Section 2113(3) of title 46, United States*  
6           *Code, is amended by striking “section 2101(42)(A)”*  
7           *and inserting “section 2101(51)(A)”.*

8           (7) *Section 2116(d)(1) of title 46, United States*  
9           *Code, is amended by striking “Coast Guard Com-*  
10          *mandant” and inserting “Commandant”.*

11          (8) *Section 3202(a)(1)(A) of title 46, United*  
12          *States Code, is amended by striking “section*  
13          *2101(21)(A)” and inserting “section 2101(29)(A)”.*

14          (9) *Section 3507 of title 46, United States Code,*  
15          *is amended—*

16                 *(A) in subsection (k)(1), by striking “section*  
17                 *2101(22)” and inserting “section 2101(31)”;* and

18                 *(B) by striking subsection (l) and inserting*  
19                 *the following:*

20                 *“(l) DEFINITION.—In this section and section 3508,*  
21                 *the term ‘owner’ means the owner, charterer, managing op-*  
22                 *erator, master, or other individual in charge of a vessel.”.*

23          (10) *Section 4105 of title 46, United States*  
24          *Code, is amended—*

1           (A) in subsection (b)(1), by striking “section  
2           2101(42)” and inserting “section 2101(51)”; and

3           (B) in subsection (c), by striking “section  
4           2101(42)(A)” and inserting “section  
5           2101(51)(A)”.

6           (11) Section 6101(i)(4) of title 46, United States  
7           Code, is amended by striking “of the Coast Guard”.

8           (12) Section 7510(c)(1) of title 46, United States  
9           Code, is amended by striking “Commandant of the  
10          Coast Guard” and inserting “Commandant”.

11          (13) Section 7706(a) of title 46, United States  
12          Code, is amended by striking “of the Coast Guard”.

13          (14) Section 8108(a)(1) of title 46, United States  
14          Code, is amended by striking “of the Coast Guard”.

15          (15) Section 12119(a)(3) of title 46, United  
16          States Code, is amended by striking “section  
17          2101(20)” and inserting “section 2101(26)”.

18          (16) Section 80302(d) of title 46, United States  
19          Code, is amended by striking “of the Coast Guard”  
20          the first place it appears.

21          (17) Section 1101 of title 49, United States  
22          Code, is amended by striking “Section 2101(17a)”  
23          and inserting “Section 2101(23)”.

1 **SEC. 3542. AUTHORITY TO EXEMPT VESSELS.**

2 (a) *IN GENERAL.*—Section 2113 of title 46, United  
3 States Code, is amended—

4 (1) by adding “and” after the semicolon at the  
5 end of paragraph (3); and

6 (2) by striking paragraphs (4) and (5) and in-  
7 serting the following:

8 “(4) maintain different structural fire protec-  
9 tion, manning, operating, and equipment require-  
10 ments for vessels that satisfied requirements set forth  
11 in the Passenger Vessel Safety Act of 1993 (Public  
12 Law 103–206) before June 21, 1994.”.

13 (b) *CONFORMING AMENDMENTS.*—Section 3306(i) of  
14 title 46, United States Code, is amended by striking “sec-  
15 tion 2113(5)” and inserting “section 2113(4)”.

16 **SEC. 3543. PASSENGER VESSELS.**

17 (a) Section 3507 of title 46, United States Code, is  
18 amended—

19 (1) by striking subsection (a)(3);

20 (2) in subsection (e)(2), by striking “services  
21 confidential” and inserting “services as confidential”;  
22 and

23 (3) in subsection (i), by striking “Within 6  
24 months after the date of enactment of the Cruise Ves-  
25 sel Security and Safety Act of 2010, the Secretary

1       *shall issue” and insert “The Secretary shall main-*  
 2       *tain”.*

3       *(b) Section 3508 of title 46, United States Code, is*  
 4       *amended—*

5               *(1) in subsection (a), by striking “Within 1 year*  
 6       *after the date of enactment of the Cruise Vessel Secu-*  
 7       *rity and Safety Act of 2010, the” and inserting*  
 8       *“The”, and by striking “develop” and inserting*  
 9       *“maintain”;*

10              *(2) in subsection (c), by striking “Beginning 2*  
 11       *years after the standards are established under sub-*  
 12       *section (b), no” and inserting “No”;*

13              *(3) by striking subsection (d) and redesignating*  
 14       *subsections (e) and (f) as subsections (d) and (e), re-*  
 15       *spectively; and*

16              *(4) in subsection (e), as redesignated by para-*  
 17       *graph (3), by striking “subsection (e)” each place it*  
 18       *appears and inserting “subsection (d)”.*

19   **SEC. 3544. TANK VESSELS.**

20       *(a) Section 3703a of title 46, United States Code, is*  
 21       *amended—*

22              *(1) in subsection (b), by striking paragraph (3)*  
 23       *and redesignating paragraphs (4), (5), and (6) as*  
 24       *paragraphs (3), (4), and (5), respectively;*

25              *(2) in subsection (c)(2)—*

1           (A) by striking “that is delivered” and in-  
2           serting “that was delivered”;

3           (B) by striking “that qualifies” and insert-  
4           ing “that qualified”; and

5           (C) by striking “after January 1, 2015,”;  
6           (3) in subsection (c)(3)—

7           (A) by striking “that is delivered” and in-  
8           serting “that was delivered”; and

9           (B) by striking “that qualifies” and insert-  
10          ing “that qualified”;

11          (4) by striking subsection (c)(3)(A) and inserting  
12          the following:

13           “(A) in the case of a vessel of at least 5,000 gross  
14          tons but less than 15,000 gross tons as measured  
15          under section 14502, or an alternate tonnage meas-  
16          ured under section 14302 as prescribed by the Sec-  
17          retary under section 14104, if the vessel is 25 years  
18          old or older and has a single hull, or is 30 years old  
19          or older and has a double bottom or double sides;”;

20          (5) by striking subsection (c)(3)(B) and inserting  
21          the following:

22           “(B) in the case of a vessel of at least 15,000  
23          gross tons but less than 30,000 gross tons as measured  
24          under section 14502, or an alternate tonnage meas-  
25          ured under section 14302 as prescribed by the Sec-

1        *retary under section 14104, if the vessel is 25 years*  
 2        *old or older and has a single hull, or is 30 years old*  
 3        *or older and has a double bottom or double sides;*  
 4        *and”;*

5            *(6) by striking subsection (c)(3)(C) and inserting*  
 6        *the following:*

7            *“(C) in the case of a vessel of at least 30,000*  
 8        *gross tons as measured under section 14502, or an al-*  
 9        *ternate tonnage measured under section 14302 as pre-*  
 10       *scribed by the Secretary under section 14104, if the*  
 11       *vessel is 23 years old or older and has a single hull,*  
 12       *or is 28 years old or older and has a double bottom*  
 13       *or double sides.”; and*

14           *(7) in subsection (e)—*

15                *(A) in paragraph (1), by striking “and ex-*  
 16        *cept as otherwise provided in paragraphs (2)*  
 17        *and (3) of this subsection”; and*

18                *(B) by striking paragraph (2) and redesign-*  
 19        *ating paragraph (3) as paragraph (2).*

20        *(b) Section 3705 of title 46, United States Code, is*  
 21        *amended—*

22            *(1) in subsection (b)—*

23                *(A) by striking paragraph (2);*

24                *(B) by striking “(1)”;* *and*



1                   (C) by redesignating subparagraphs (A)  
 2                   and (B) as paragraphs (1) and (2), respectively;  
 3                   and

4                   (2) in subsection (c), by striking “before January  
 5                   2, 1986, or the date on which the tanker reaches 15  
 6                   years of age, whichever is later”.

7                   (c) Section 3706(d) of title 46, United States Code, is  
 8                   amended by striking “before January 2, 1986, or the date  
 9                   on which it reaches 15 years of age, whichever is later”.

10                  (d) Section 1001(32)(A) of the Oil Pollution Act of  
 11                  1990 (33 U.S.C. 2701(32)(A)) is amended by striking  
 12                  “(other than a vessel described in section 3703a(b)(3) of title  
 13                  46, United States Code)”.

14   **SEC. 3545. GROUNDS FOR DENIAL OR REVOCATION.**

15                  (a) Section 7503 of title 46, United States Code, is  
 16                  amended to read as follows:

17   **“§ 7503. Dangerous drugs as grounds for denial**

18                  “A license, certificate of registry, or merchant mari-  
 19                  ner’s document authorized to be issued under this part may  
 20                  be denied to an individual who—

21                         “(1) within 10 years before applying for the li-  
 22                         cense, certificate, or document, has been convicted of  
 23                         violating a dangerous drug law of the United States  
 24                         or of a State; or

1           “(2) when applying, has ever been a user of, or  
2           addicted to, a dangerous drug unless the individual  
3           provides satisfactory proof that the individual is  
4           cured.”.

5           (b) Section 7704 of title 46, United States Code, is  
6           amended by redesignating subsections (b) and (c) as sub-  
7           sections (a) and (b), respectively.

8   **SEC. 3546. MISCELLANEOUS CORRECTIONS TO TITLE 46,**  
9                           **U.S.C.**

10          (a) Section 2110 of title 46, United States Code, is  
11          amended by striking subsection (k).

12          (b) Section 2116(c) of title 46, United States Code, is  
13          amended by striking “Beginning with fiscal year 2011 and  
14          each fiscal year thereafter, the” and inserting “The”.

15          (c) Section 3302(g)(2) of title 46, United States Code,  
16          is amended by striking “After December 31, 1988, this” and  
17          inserting “This”.

18          (d) Section 6101(j) of title 46, United States Code, is  
19          amended by striking “, as soon as possible, and no later  
20          than January 1, 2005,”.

21          (e) Section 7505 of title 46, United States Code, is  
22          amended by striking “section 206(b)(7) of the National  
23          Driver Register Act of 1982 (23 U.S.C. 401 note)” and in-  
24          serting “section 30305(b)(7) of title 49”.

1       (f) Section 7702(c)(1) of title 46, United States Code,  
2 is amended by striking “section 206(b)(4) of the National  
3 Driver Register Act of 1982 (23 U.S.C. 401 note)” and in-  
4 serting “section 30305(b)(7) of title 49”.

5       (g) Section 8106(f) of title 46, United States Code, is  
6 amended by striking paragraph (3) and inserting the fol-  
7 lowing:

8               “(3) CONTINUING VIOLATIONS.—The maximum  
9 amount of a civil penalty for a violation under this  
10 subsection shall be \$100,000.”.

11       (h) Section 8703 of title 46, United States Code, is  
12 amended by redesignating subsection (c) as subsection (b).

13       (i) Section 11113 of title 46, United States Code, is  
14 amended—

15               (1) in subsection (a)(4)(A) by striking “para-  
16 graph (2)” and inserting “paragraph (3)”; and

17               (2) in subsection (c)(2)(B)—

18                       (A) by striking “section 2(9)(a)” and in-  
19 serting “section 2(a)(9)(A)”; and

20                       (B) by striking “33 U.S.C. 1901(9)(a)” and  
21 inserting “33 U.S.C. 1901(a)(9)(A)”.

22       (j) Section 12113(d)(2)(C)(iii) of title 46, United  
23 States Code, is amended by striking “118 Stat. 2887)” and  
24 inserting “118 Stat. 2887))”.

1       (k) Section 13107(c)(2) of title 46, United States Code,  
2 is amended by striking “On and after October 1, 2016, no”  
3 and inserting “No”.

4       (l) Section 31322(a)(4)(B) of title 46, United States  
5 Code, is amended by striking “state” and inserting “State”.

6       (m) Section 52101(d) of title 46, United States Code,  
7 is amended by striking “(50 App. U.S.C. 459(a))” and in-  
8 serting “(50 U.S.C. 3808(a))”.

9       (n) The analysis for chapter 531 of title 46, United  
10 States Code, is amended by striking the item relating to  
11 section 53109:

12       (o) Section 53106(a)(1) of title 46, United States Code,  
13 is amended by striking subparagraphs (A), (B), (C), and  
14 (D), and by redesignating subparagraphs (E), (F), and (G)  
15 as subparagraphs (A), (B), and (C), respectively.

16       (p) Section 53111 of title 46, United States Code, is  
17 amended by striking paragraphs (1) through (4), and by  
18 redesignating paragraphs (5), (6), and (7) as paragraphs  
19 (1), (2), and (3), respectively.

20       (q) Section 53501 of title 46, United States Code, is  
21 amended—

22               (1) in paragraph (5)(A)(iii), by striking “trans-  
23 portation trade trade or” and inserting “transpor-  
24 tation trade or”;

1           (2) *by redesignating paragraph (8) as para-*  
2 *graph (9);*

3           (3) *by striking the second paragraph (7) (relat-*  
4 *ing to the definition of “United States foreign*  
5 *trade”); and*

6           (4) *by inserting after the first paragraph (7) the*  
7 *following:*

8           “(8) *UNITED STATES FOREIGN TRADE.—The*  
9 *term ‘United States foreign trade’ includes those areas*  
10 *in domestic trade in which a vessel built with a con-*  
11 *struction-differential subsidy is allowed to operate*  
12 *under the first sentence of section 506 of the Merchant*  
13 *Marine Act, 1936.”.*

14          (r) *Section 54101(f) of title 46, United States Code,*  
15 *is amended by striking paragraph (2) and inserting the fol-*  
16 *lowing:*

17           “(2) *MINIMUM STANDARDS FOR PAYMENT OR RE-*  
18 *IMBURSEMENT.—Each application submitted under*  
19 *paragraph (1) shall include a comprehensive descrip-*  
20 *tion of—*

21                   “(A) *the need for the project;*

22                   “(B) *the methodology for implementing the*  
23 *project; and*

1                   “(C) any existing programs or arrange-  
 2                   ments that can be used to supplement or leverage  
 3                   assistance under the program.”.

4           (s) Section 55305(d)(2)(D) of title 46, United States  
 5 Code, is amended by striking “421(c)(1)” and inserting  
 6 “1303(a)(1))”.

7           (t) The analysis for chapter 575 of title 46, United  
 8 States Code, is amended in the item relating to section  
 9 57533 by adding a period at the end.

10          (u) Section 57532(d) of title 46, United States Code,  
 11 is amended by striking “(50 App. U.S.C. 1291(a), (c),  
 12 1293(c), 1294)” and inserting “(50 U.S.C. 4701(a), (c),  
 13 4703(c), and 4704)”.

14          (v) Section 60303(c) of title 46, United States Code,  
 15 is amended in by striking “Subsection (a) section does” and  
 16 inserting “Subsection (a) does”.

17 **SEC. 3547. MISCELLANEOUS CORRECTIONS TO OIL POLLU-**  
 18 **TION ACT OF 1990.**

19          (a) Section 2 of the Oil Pollution Act of 1990 (33  
 20 U.S.C. 2701 note) is amended by—

21               (1) inserting after the item relating to section  
 22               5007 the following:

“Sec. 5008. North Pacific Marine Research Institute.”.

23               (2) striking the item relating to section 6003.

1       (b) Section 1003(d)(5) of the Oil Pollution Act of 1990  
 2       (33 U.S.C. 2703(d)(5)) is amended by inserting “section”  
 3       before “1002(a)”.

4       (c) Section 1004(d)(2)(C) of the Oil Pollution Act of  
 5       1990 (33 U.S.C. 2704(d)(2)(C)) is amended by striking  
 6       “under this subparagraph (A)” and inserting “under sub-  
 7       paragraph (A)”.

8       (d) Section 4303 of the Oil Pollution Act of 1990 (33  
 9       U.S.C. 2716a) is amended—

10           (1) in subsection (a), by striking “subsection  
 11           (c)(2)” and inserting “subsection (b)(2)”; and

12           (2) in subsection (b), by striking “this section  
 13           1016” and inserting “section 1016”.

14       (e) Section 5002(l)(2) of the Oil Pollution Act of 1990  
 15       (33 U.S.C. 2732(l)(2)) is amended by striking “General Ac-  
 16       counting Office” and inserting “Government Accountability  
 17       Office”.

18       **SEC. 3548. MISCELLANEOUS CORRECTIONS.**

19       (a) Section 1 of the Act of June 15, 1917 (chapter 30;  
 20       50 U.S.C. 191), is amended by striking “the Secretary of  
 21       the Treasury” and inserting “the Secretary of the depart-  
 22       ment in which the Coast Guard is operating”.

23       (b) Section 5(b) of the Act entitled “An Act to regulate  
 24       the construction of bridges over navigable waters”, approved  
 25       March 23, 1906, popularly known as the Bridge Act of 1906

1 *(chapter 1130; 33 U.S.C. 495(b)), is amended by striking*  
 2 *“\$5,000 for a violation occurring in 2004; \$10,000 for a*  
 3 *violation occurring in 2005; \$15,000 for a violation occur-*  
 4 *ring in 2006; \$20,000 for a violation occurring in 2007;*  
 5 *and”.*

6 *(c) Section 5(f) of the Act to Prevent Pollution from*  
 7 *Ships (33 U.S.C. 1904(f)) is amended to read as follows:*

8 *“(f) SHIP CLEARANCE; REFUSAL OR REVOCATION.—*  
 9 *If a ship is under a detention order under this section, the*  
 10 *Secretary may refuse or revoke the clearance required by*  
 11 *section 60105 of title 46, United States Code.”.*

## 12 ***DIVISION D—FUNDING TABLES***

### 13 ***SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-*** 14 ***BLES.***

15 *(a) IN GENERAL.—Whenever a funding table in this*  
 16 *division specifies a dollar amount authorized for a project,*  
 17 *program, or activity, the obligation and expenditure of the*  
 18 *specified dollar amount for the project, program, or activity*  
 19 *is hereby authorized, subject to the availability of appro-*  
 20 *priations.*

21 *(b) MERIT-BASED DECISIONS.—A decision to commit,*  
 22 *obligate, or expend funds with or to a specific entity on*  
 23 *the basis of a dollar amount authorized pursuant to sub-*  
 24 *section (a) shall—*



1           (1) *be based on merit-based selection procedures*  
2       *in accordance with the requirements of sections*  
3       *2304(k) and 2374 of title 10, United States Code, or*  
4       *on competitive procedures; and*

5           (2) *comply with other applicable provisions of*  
6       *law.*

7       (c) *RELATIONSHIP TO TRANSFER AND PROGRAMMING*  
8       *AUTHORITY.—An amount specified in the funding tables in*  
9       *this division may be transferred or reprogrammed under*  
10      *a transfer or reprogramming authority provided by another*  
11      *provision of this Act or by other law. The transfer or re-*  
12      *programming of an amount specified in such funding tables*  
13      *shall not count against a ceiling on such transfers or*  
14      *reprogrammings under section 1001 or section 1512 of this*  
15      *Act or any other provision of law, unless such transfer or*  
16      *reprogramming would move funds between appropriation*  
17      *accounts.*

18       (d) *APPLICABILITY TO CLASSIFIED ANNEX.—This sec-*  
19      *tion applies to any classified annex that accompanies this*  
20      *Act.*

21       (e) *ORAL AND WRITTEN COMMUNICATIONS.—No oral*  
22      *or written communication concerning any amount specified*  
23      *in the funding tables in this division shall supersede the*  
24      *requirements of this section.*

# 1 TITLE XLI—PROCUREMENT

## 2 SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	<b>AIRCRAFT PROCUREMENT, ARMY</b>		
	<b>FIXED WING</b>		
002	UTILITY F/W AIRCRAFT .....	744	744
003	MQ-1 UAV .....	43,326	103,326
	MQ-1 Gray Eagle Service Life Extension Program .....		[60,000]
004	RQ-11 (RAVEN) .....	46,416	46,416
	<b>ROTARY</b>		
007	AH-64 APACHE BLOCK IIA REMAN .....	753,248	753,248
008	ADVANCE PROCUREMENT (CY) .....	174,550	174,550
009	AH-64 APACHE BLOCK IIB NEW BUILD .....	284,687	284,687
	Additional AH-64Es to address ARNG shortfalls .....		[192,000]
	Realignment to cover ARNG shortfalls .....		[−192,000]
010	ADVANCE PROCUREMENT (CY) .....	58,600	58,600
011	UH-60 BLACKHAWK M MODEL (MYP) .....	988,810	1,073,810
	Additional UH-60Ms for ARNG .....		[85,000]
012	ADVANCE PROCUREMENT (CY) .....	106,150	106,150
013	UH-60 BLACK HAWK A AND L MODELS .....	146,138	146,138
014	CH-47 HELICOPTER .....	99,278	99,278
015	ADVANCE PROCUREMENT (CY) .....	24,235	24,235
	<b>MODIFICATION OF AIRCRAFT</b>		
018	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....	27,114	27,114
019	GRAY EAGLE MODS2 .....	97,781	97,781
020	MULTI SENSOR ABN RECON (MIP) .....	52,274	66,274
	Army UFR: program increase .....		[14,000]
021	AH-64 MODS .....	104,996	104,996
022	CH-47 CARGO HELICOPTER MODS (MYP) .....	7,807	7,807
023	GRCS SEMA MODS (MIP) .....	5,573	5,573
024	ARL SEMA MODS (MIP) .....	7,522	7,522
025	EMARSS SEMA MODS (MIP) .....	20,448	20,448
026	UTILITY/CARGO AIRPLANE MODS .....	17,719	17,719
027	UTILITY HELICOPTER MODS .....	6,443	16,443
	UH-72A Life-Cycle Sustainability .....		[10,000]
028	NETWORK AND MISSION PLAN .....	123,614	123,614
029	COMMS, NAV SURVEILLANCE .....	161,969	161,969
030	DEGRADED VISUAL ENVIRONMENT .....	30,000	30,000
031	GATM ROLLUP .....	26,848	26,848
032	RQ-7 UAV MODS .....	103,246	154,114
	Realignment of EDI APS Unit Set from OCO to Base .....		[50,868]
033	UAS MODS .....	17,644	21,046
	Realignment of EDI APS Unit Set from OCO to Base .....		[3,402]
	<b>GROUND SUPPORT AVIONICS</b>		
034	AIRCRAFT SURVIVABILITY EQUIPMENT .....	57,170	57,170
035	SURVIVABILITY CM .....	5,853	5,853
036	CMWS .....	13,496	13,496
037	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	36,839	36,839
	<b>OTHER SUPPORT</b>		
038	AVIONICS SUPPORT EQUIPMENT .....	1,778	1,778
039	COMMON GROUND EQUIPMENT .....	34,818	34,818
040	AIRCREW INTEGRATED SYSTEMS .....	27,243	27,243
041	AIR TRAFFIC CONTROL .....	63,872	63,872
042	INDUSTRIAL FACILITIES .....	1,417	1,417
043	LAUNCHER, 2.75 ROCKET .....	1,901	1,901
044	LAUNCHER GUIDED MISSILE: LONGBOW HELLFIRE XM2 .....	991	991
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>3,782,558</b>	<b>4,005,828</b>
	<b>MISSILE PROCUREMENT, ARMY</b>		
	<b>SURFACE-TO-AIR MISSILE SYSTEM</b>		
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD) .....	111,395	111,395
002	MSE MISSILE .....	871,276	1,131,276
	Realignment of EDI APS Unit Set from OCO to Base .....		[260,000]
003	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....	145,636	145,636
004	ADVANCE PROCUREMENT (CY) .....	31,286	31,286
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		
006	JOINT AIR-TO-GROUND MSLS (JAGM) .....	276,462	248,862
	Unit cost and engineering services cost growth .....		[−27,600]
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	303,665	267,465
	Forward financed in the FY18 Omnibus for command launch units .....		[−50,000]
	Realignment of EDI APS Unit Set from OCO to Base .....		[13,800]
009	TOW 2 SYSTEM SUMMARY .....	105,014	105,014
010	ADVANCE PROCUREMENT (CY) .....	19,949	19,949
011	GUIDED MLRS ROCKET (GMLRS) .....	359,613	329,613

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	Forward financed in the FY18 Omnibus .....		[−30,000]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....	20,964	20,964
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....		171,138
	Realignment of EDI APS Unit Set from OCO to Base .....		[171,138]
	<b>MODIFICATIONS</b>		
015	PATRIOT MODS .....	313,228	333,228
	Increase PATRIOT Mod efforts .....		[20,000]
016	ATACMS MODS .....	221,656	236,656
	Forward financed in the FY18 Omnibus .....		[−65,000]
	Realignment of EDI APS Unit Set from OCO to Base .....		[80,000]
017	GMLRS MOD .....	266	266
018	STINGER MODS .....	94,756	94,756
019	AVENGER MODS .....	48,670	48,670
020	ITAS/TOW MODS .....	3,173	3,173
021	MLRS MODS .....	383,216	505,216
	Realignment of EDI APS Unit Set from OCO to Base .....		[122,000]
022	HIMARS MODIFICATIONS .....	10,196	10,196
	<b>SPARES AND REPAIR PARTS</b>		
023	SPARES AND REPAIR PARTS .....	27,737	27,737
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
024	AIR DEFENSE TARGETS .....	6,417	6,417
025	PRODUCTION BASE SUPPORT .....	1,202	1,202
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>3,355,777</b>	<b>3,850,115</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY TRACKED COMBAT VEHICLES</b>		
001	BRADLEY PROGRAM .....		205,000
	Realignment of EDI APS Unit Set from OCO to Base .....		[205,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	479,801	710,160
	Realignment of EDI APS Unit Set from OCO to Base .....		[230,359]
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
004	STRYKER (MOD) .....	287,490	138,190
	Army requested realignment to WTCV-5 .....		[−149,300]
005	STRYKER UPGRADE .....	21,900	360,000
	A1 conversions for 5th SBCT .....		[188,800]
	Army requested realignment—A1 conversions for 5th SBCT .....		[149,300]
006	BRADLEY PROGRAM (MOD) .....	625,424	675,424
	Realignment of EDI APS Unit Set from OCO to Base .....		[50,000]
007	M109 FOV MODIFICATIONS .....	26,482	26,482
008	PALADIN INTEGRATED MANAGEMENT (PIM) .....	351,802	493,802
	Realignment of EDI APS Unit Set from OCO to Base .....		[67,000]
	Smooth funding production profile .....		[75,000]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....	110,500	152,834
	Realignment of EDI APS Unit Set from OCO to Base .....		[42,354]
010	ASSAULT BRIDGE (MOD) .....	2,120	2,120
011	ASSAULT BREACHER VEHICLE .....	62,407	62,407
012	M88 FOV MODS .....	4,517	4,517
013	JOINT ASSAULT BRIDGE .....	142,255	142,255
014	M1 ABRAMS TANK (MOD) .....	927,600	961,600
	Realignment of EDI APS Unit Set from OCO to Base .....		[34,000]
015	ABRAMS UPGRADE PROGRAM .....	1,075,999	1,530,999
	Realignment of EDI APS Unit Set from OCO to Base .....		[455,000]
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>		
018	M240 MEDIUM MACHINE GUN (7.62MM) .....	1,955	7,081
	Program Increase—M240L and M240B .....		[5,000]
	Realignment of EDI APS Unit Set from OCO to Base .....		[126]
019	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	23,345	23,345
020	GUN AUTOMATIC 30MM M230 .....	7,434	7,434
021	MACHINE GUN, CAL .50 M2 ROLL .....	22,330	22,330
022	MORTAR SYSTEMS .....	12,470	12,650
	Realignment of EDI APS Unit Set from OCO to Base .....		[180]
023	XM320 GRENADE LAUNCHER MODULE (GLM) .....	697	697
024	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM .....	46,236	46,236
025	CARBINE .....	69,306	71,106
	Realignment of EDI APS Unit Set from OCO to Base .....		[1,800]
026	SMALL ARMS—FIRE CONTROL .....	7,929	7,929
027	COMMON REMOTELY OPERATED WEAPONS STATION .....	35,968	39,346
	Realignment of EDI APS Unit Set from OCO to Base .....		[3,378]
028	HANDGUN .....	48,251	48,251
	<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>		
029	MK-19 GRENADE MACHINE GUN MODS .....	1,684	1,684
030	M777 MODS .....	3,086	3,086
031	M4 CARBINE MODS .....	31,575	35,775
	Additional free-float forward extended rails .....		[4,200]
032	M2 50 CAL MACHINE GUN MODS .....	21,600	26,520
	Realignment of EDI APS Unit Set from OCO to Base .....		[4,920]
033	M249 SAW MACHINE GUN MODS .....	3,924	3,924
034	M240 MEDIUM MACHINE GUN MODS .....	6,940	6,947

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	Realignment of EDI APS Unit Set from OCO to Base .....		[7]
035	SNIPER RIFLES MODIFICATIONS .....	2,747	2,747
036	M119 MODIFICATIONS .....	5,704	5,704
037	MORTAR MODIFICATION .....	3,965	3,965
038	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....	5,577	5,577
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
039	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	3,174	4,571
	Realignment of EDI APS Unit Set from OCO to Base .....		[1,397]
040	PRODUCTION BASE SUPPORT (WOCV-WTCV) .....	3,284	3,284
041	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) .....	1,640	1,640
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>4,489,118</b>	<b>5,857,639</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
001	CTG, 5.56MM, ALL TYPES .....	41,848	45,240
	Realignment of EDI APS Unit Set from OCO to Base .....		[3,392]
002	CTG, 7.62MM, ALL TYPES .....	86,199	86,239
	Realignment of EDI APS Unit Set from OCO to Base .....		[40]
003	CTG, HANDGUN, ALL TYPES .....	20,158	20,175
	Realignment of EDI APS Unit Set from OCO to Base .....		[17]
004	CTG, .50 CAL, ALL TYPES .....	65,573	65,762
	Realignment of EDI APS Unit Set from OCO to Base .....		[189]
005	CTG, 20MM, ALL TYPES .....	8,198	8,198
007	CTG, 30MM, ALL TYPES .....	77,995	102,995
	Realignment of EDI APS Unit Set from OCO to Base .....		[25,000]
008	CTG, 40MM, ALL TYPES .....	69,781	69,781
	<b>MORTAR AMMUNITION</b>		
009	60MM MORTAR, ALL TYPES .....	45,280	45,498
	Realignment of EDI APS Unit Set from OCO to Base .....		[218]
010	81MM MORTAR, ALL TYPES .....	46,853	47,337
	Realignment of EDI APS Unit Set from OCO to Base .....		[484]
011	120MM MORTAR, ALL TYPES .....	83,003	83,003
	<b>TANK AMMUNITION</b>		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....	168,101	168,101
	<b>ARTILLERY AMMUNITION</b>		
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....	39,341	39,341
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES .....	211,442	290,842
	Realignment of EDI APS Unit Set from OCO to Base .....		[79,400]
015	PROJ 155MM EXTENDED RANGE M982 .....	100,906	152,606
	Realignment of EDI APS Unit Set from OCO to Base .....		[51,700]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	236,677	268,577
	Forward financed in the FY18 Omnibus .....		[-15,000]
	Program decrease .....		[-2,000]
	Realignment of EDI APS Unit Set from OCO to Base .....		[48,900]
	<b>MINES</b>		
017	MINES & CLEARING CHARGES, ALL TYPES .....	15,905	15,905
	<b>ROCKETS</b>		
018	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	4,503	31,745
	Army UFR: bunker defeat munitions .....		[25,000]
	Realignment of EDI APS Unit Set from OCO to Base .....		[2,242]
019	ROCKET, HYDRA 70, ALL TYPES .....	211,211	241,211
	Army UFR: additional HYDRA rockets .....		[30,000]
	<b>OTHER AMMUNITION</b>		
020	CAD/PAD, ALL TYPES .....	10,428	10,428
021	DEMOLITION MUNITIONS, ALL TYPES .....	44,656	44,661
	Realignment of EDI APS Unit Set from OCO to Base .....		[5]
022	GRENADES, ALL TYPES .....	19,896	19,904
	Realignment of EDI APS Unit Set from OCO to Base .....		[8]
023	SIGNALS, ALL TYPES .....	10,121	10,121
024	SIMULATORS, ALL TYPES .....	11,464	11,464
	<b>MISCELLANEOUS</b>		
025	AMMO COMPONENTS, ALL TYPES .....	5,224	5,224
026	NON-LETHAL AMMUNITION, ALL TYPES .....	4,310	4,310
027	ITEMS LESS THAN \$5 MILLION (AMMO) .....	11,193	11,259
	Realignment of EDI APS Unit Set from OCO to Base .....		[66]
028	AMMUNITION PECULIAR EQUIPMENT .....	10,500	10,500
029	FIRST DESTINATION TRANSPORTATION (AMMO) .....	18,456	18,456
030	CLOSEOUT LIABILITIES .....	100	100
	<b>PRODUCTION BASE SUPPORT</b>		
032	INDUSTRIAL FACILITIES .....	394,133	394,133
033	CONVENTIONAL MUNITIONS DEMILITARIZATION .....	157,535	157,535
034	ARMS INITIATIVE .....	3,771	3,771
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>2,234,761</b>	<b>2,484,422</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
001	TACTICAL TRAILERS/DOLLY SETS .....	16,512	16,512
002	SEMITRAILERS, FLATBED: .....	16,951	24,951

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	Realignment of EDI APS Unit Set from OCO to Base .....		[8,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4 .....	50,123	70,893
	Realignment of EDI APS Unit Set from OCO to Base .....		[20,770]
004	GROUND MOBILITY VEHICLES (GMV) .....	46,988	36,988
	Unobligated Balances .....		[-10,000]
005	ARNG HMMWV MODERNIZATION PROGRAM .....		25,000
	Additional HMMWVs .....		[25,000]
006	JOINT LIGHT TACTICAL VEHICLE .....	1,319,436	1,319,436
007	TRUCK, DUMP, 20T (CCE) .....	6,480	6,480
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV) .....	132,882	132,882
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP .....	14,842	14,842
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	138,105	253,505
	Realignment of EDI APS Unit Set from OCO to Base .....		[115,400]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....	31,892	38,574
	Realignment of EDI APS Unit Set from OCO to Base .....		[6,682]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	38,128	88,128
	Realignment of EDI APS Unit Set from OCO to Base .....		[50,000]
014	MODIFICATION OF IN SVC EQUIP .....	78,507	78,884
	Realignment of EDI APS Unit Set from OCO to Base .....		[377]
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS .....		27,000
	SFAB emerging requirements .....		[27,000]
	<b>NON-TACTICAL VEHICLES</b>		
016	HEAVY ARMORED VEHICLE .....	790	790
017	PASSENGER CARRYING VEHICLES .....	1,390	1,390
018	NONTACTICAL VEHICLES, OTHER .....	15,415	15,415
	<b>COMM—JOINT COMMUNICATIONS</b>		
020	SIGNAL MODERNIZATION PROGRAM .....	150,777	150,777
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....	469,117	533,117
	Additional TCN-L, NOSC-L, and next generation embedded kits for IBCTs and SBCTs .....		[64,000]
022	SITUATION INFORMATION TRANSPORT .....	62,727	62,727
023	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY .....	13,895	13,895
024	JCSE EQUIPMENT (USREDCOM) .....	4,866	4,866
	<b>COMM—SATELLITE COMMUNICATIONS</b>		
027	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....	108,133	108,133
028	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	56,737	56,737
029	SHF TERM .....	13,100	13,100
030	SMART-T (SPACE) .....	9,160	9,160
031	GLOBAL BRDCST SVC—GBS .....	25,647	25,647
032	ENROUTE MISSION COMMAND (EMC) .....	37,401	37,401
	<b>COMM—C3 SYSTEM</b>		
036	COE TACTICAL SERVER INFRASTRUCTURE (TSI) .....	20,500	20,500
	<b>COMM—COMBAT COMMUNICATIONS</b>		
037	JOINT TACTICAL RADIO SYSTEM .....		1,560
	Realignment of EDI APS Unit Set from OCO to Base .....		[1,560]
038	HANDHELD MANPACK SMALL FORM FIT (HMS) .....	351,565	351,565
040	RADIO TERMINAL SET, MIDS LVT(2) .....	4,641	4,641
041	TRACTOR DESK .....	2,187	2,187
042	TRACTOR RIDE .....	9,411	22,611
	Army UFR: program increase .....		[13,200]
044	SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....	17,515	17,515
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM .....	819	819
046	UNIFIED COMMAND SUITE .....	17,807	17,807
047	COTS COMMUNICATIONS EQUIPMENT .....	191,835	208,835
	Program decrease .....		[-5,000]
	Realignment of EDI APS Unit Set from OCO to Base .....		[22,000]
048	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	25,177	25,177
	<b>COMM—INTELLIGENCE COMM</b>		
050	CI AUTOMATION ARCHITECTURE (MIP) .....	9,740	9,740
051	DEFENSE MILITARY DECEPTION INITIATIVE .....	2,667	2,667
	<b>INFORMATION SECURITY</b>		
053	FAMILY OF BIOMETRICS .....	8,319	8,319
054	INFORMATION SYSTEM SECURITY PROGRAM-ISSP .....	2,000	2,000
055	COMMUNICATIONS SECURITY (COMSEC) .....	88,337	88,340
	Realignment of EDI APS Unit Set from OCO to Base .....		[3]
056	DEFENSIVE CYBER OPERATIONS .....	51,343	51,343
057	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....	330	330
058	PERSISTENT CYBER TRAINING ENVIRONMENT .....	3,000	3,000
	<b>COMM—LONG HAUL COMMUNICATIONS</b>		
059	BASE SUPPORT COMMUNICATIONS .....	34,434	34,434
	<b>COMM—BASE COMMUNICATIONS</b>		
060	INFORMATION SYSTEMS .....	95,558	95,558
061	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....	4,736	4,736
062	HOME STATION MISSION COMMAND CENTERS (HSMCC) .....	24,479	24,479
063	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	216,433	225,483
	Realignment of EDI APS Unit Set from OCO to Base .....		[9,050]
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
066	JTT/CIBS-M (MIP) .....	10,268	10,268

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
068	DCGS-A (MIP) .....	261,863	261,863
069	JOINT TACTICAL GROUND STATION (JTAGS) (MIP) .....	5,434	5,434
070	TROJAN (MIP) .....	20,623	21,223
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[600]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	45,998	45,998
072	CI HUMINT AUTO REPRTING & COLL(CHARCS)(MIP) .....	296	296
076	ITEMS LESS THAN \$5.0M (MIP) .....	410	410
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
077	LIGHTWEIGHT COUNTER MORTAR RADAR .....	9,165	9,165
078	EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....	5,875	5,875
079	AIR VIGILANCE (AV) (MIP) .....	8,497	8,497
083	CI MODERNIZATION (MIP) .....	486	486
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
084	SENTINEL MODS .....	79,629	79,629
085	NIGHT VISION DEVICES .....	153,180	153,266
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM .....		2,861
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	22,882	22,882
088	RADIATION MONITORING SYSTEMS .....	17,393	17,404
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	46,740	47,002
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[262]
091	FAMILY OF WEAPON SIGHTS (FWS) .....	140,737	131,962
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[525]
	<i>Unrecrutable funds</i> .....		[-9,300]
093	PROFILER .....	171	171
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	405,239	431,385
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[26,146]
095	JOINT EFFECTS TARGETING SYSTEM (JETS) .....	66,574	66,574
096	MOD OF IN-SVC EQUIP (LLDR) .....	20,783	24,833
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[4,050]
097	COMPUTER BALLISTICS: LHMCB XM32 .....	8,553	8,553
098	MORTAR FIRE CONTROL SYSTEM .....	21,489	21,489
099	COUNTERFIRE RADARS .....	162,121	162,121
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
100	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE ( .....	2,855	2,855
101	FIRE SUPPORT C2 FAMILY .....	19,153	19,153
102	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	33,837	33,837
103	LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....	5,136	5,136
104	NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....	18,329	18,329
105	MANEUVER CONTROL SYSTEM (MCS) .....	38,015	38,015
106	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....	15,164	15,164
107	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....	29,239	29,239
109	RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....	6,823	6,823
110	MOD OF IN-SVC EQUIPMENT (ENFIRE) .....	1,177	1,177
	<b>ELECT EQUIP—AUTOMATION</b>		
111	ARMY TRAINING MODERNIZATION .....	12,265	12,265
112	AUTOMATED DATA PROCESSING EQUIP .....	201,875	201,875
113	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....	10,976	10,976
114	HIGH PERF COMPUTING MOD PGM (HPCMP) .....	66,330	66,330
115	CONTRACT WRITING SYSTEM .....	5,927	5,927
116	RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	27,896	27,896
	<b>ELECT EQUIP—AUDIO VISUAL SYS (A/V)</b>		
117	TACTICAL DIGITAL MEDIA .....	4,392	4,392
118	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....	1,970	1,970
	<b>ELECT EQUIP—SUPPORT</b>		
119	PRODUCTION BASE SUPPORT (C-E) .....	506	506
	<b>CLASSIFIED PROGRAMS</b>		
120A	CLASSIFIED PROGRAMS .....	4,501	4,501
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
121	PROTECTIVE SYSTEMS .....	2,314	2,341
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[27]
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....	7,478	7,478
124	CBRN DEFENSE .....	173,954	174,271
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[317]
	<b>BRIDGING EQUIPMENT</b>		
125	TACTICAL BRIDGING .....	98,229	98,229
126	TACTICAL BRIDGE, FLOAT-RIBBON .....	64,438	64,438
127	COMMON BRIDGE TRANSPORTER (CBT) RECAP .....	79,916	79,916
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
128	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....	8,471	8,471
129	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....	29,883	29,883
130	AREA MINE DETECTION SYSTEM (AMDS) .....	11,594	11,595
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[1]
131	HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....	40,834	40,834
132	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....	4,029	4,029
133	EOD ROBOTICS SYSTEMS RECAPITALIZATION .....	14,208	14,208

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
134	ROBOTICS AND APPLIQUE SYSTEMS .....	31,456	31,456
136	REMOTE DEMOLITION SYSTEMS .....	1,748	1,749
	<i>Realignment of EDI APS Unit Set from OCO to Base .....</i>		[1]
137	< \$5M, COUNTERMINE EQUIPMENT .....	7,829	7,829
138	FAMILY OF BOATS AND MOTORS .....	5,806	5,806
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
139	HEATERS AND ECUS .....	9,852	9,852
140	SOLDIER ENLANCEMENT .....	1,103	1,103
141	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	5,875	5,875
142	GROUND SOLDIER SYSTEM .....	92,487	92,487
143	MOBILE SOLDIER POWER .....	30,774	30,774
145	FIELD FEEDING EQUIPMENT .....	17,521	17,521
146	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	44,855	44,855
147	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....	17,173	17,173
148	ITEMS LESS THAN \$5M (ENG SPT) .....	2,000	2,000
	<b>PETROLEUM EQUIPMENT</b>		
149	QUALITY SURVEILLANCE EQUIPMENT .....	1,770	1,770
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	39,730	39,730
	<b>MEDICAL EQUIPMENT</b>		
151	COMBAT SUPPORT MEDICAL .....	57,752	77,752
	<i>Simulators and other technologies to reduce the use of live animal tissue for medical training.</i>		[20,000]
	<b>MAINTENANCE EQUIPMENT</b>		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	37,722	37,722
153	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	4,985	5,253
	<i>Realignment of EDI APS Unit Set from OCO to Base .....</i>		[268]
	<b>CONSTRUCTION EQUIPMENT</b>		
155	SCRAPERS, EARTHMOVING .....	7,961	7,961
156	HYDRAULIC EXCAVATOR .....	1,355	1,355
158	ALL TERRAIN CRANES .....	13,031	13,031
159	HIGH MOBILITY ENGINEER EXCAVATOR (HME) .....	46,048	46,048
160	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....	980	8,480
	<i>Program increase—additional ERACC systems .....</i>		[7,500]
161	CONST EQUIP ESP .....	37,017	37,017
162	ITEMS LESS THAN \$5.0M (CONST EQUIP) .....	6,103	6,103
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>		
163	ARMY WATERCRAFT ESP .....	27,711	27,711
164	ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....	8,385	8,385
	<b>GENERATORS</b>		
165	GENERATORS AND ASSOCIATED EQUIP .....	133,772	133,772
166	TACTICAL ELECTRIC POWER RECAPITALIZATION .....	8,333	8,333
	<b>MATERIAL HANDLING EQUIPMENT</b>		
167	FAMILY OF FORKLIFTS .....	12,901	12,901
	<b>TRAINING EQUIPMENT</b>		
168	COMBAT TRAINING CENTERS SUPPORT .....	123,228	123,228
169	TRAINING DEVICES, NONSYSTEM .....	228,598	228,598
170	CLOSE COMBAT TACTICAL TRAINER .....	33,080	33,080
171	AVIATION COMBINED ARMS TACTICAL TRAINER .....	32,700	32,700
172	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....	25,161	25,161
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
173	CALIBRATION SETS EQUIPMENT .....	4,270	4,270
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	76,295	85,790
	<i>Realignment of EDI APS Unit Set from OCO to Base .....</i>		[9,495]
175	TEST EQUIPMENT MODERNIZATION (TEMOD) .....	9,806	9,806
	<b>OTHER SUPPORT EQUIPMENT</b>		
176	M25 STABILIZED BINOCULAR .....	4,368	4,401
	<i>Realignment of EDI APS Unit Set from OCO to Base .....</i>		[33]
177	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	9,879	9,879
178	PHYSICAL SECURITY SYSTEMS (OPA3) .....	54,043	54,043
179	BASE LEVEL COMMON EQUIPMENT .....	6,633	6,633
180	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....	49,797	49,797
181	PRODUCTION BASE SUPPORT (OTH) .....	2,301	2,301
182	SPECIAL EQUIPMENT FOR USER TESTING .....	11,608	11,608
183	TRACTOR YARD .....	4,956	4,956
	<b>OPA2</b>		
184	INITIAL SPARES—C&E .....	9,817	9,817
	<b>TOTAL OTHER PROCUREMENT, ARMY</b>	<b>7,999,529</b>	<b>8,410,454</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>COMBAT AIRCRAFT</b>		
001	F/A-18E/F (FIGHTER) HORNET .....	1,937,553	1,907,553
	<i>Excess NRE and Support Costs .....</i>		[−30,000]
002	ADVANCE PROCUREMENT (CY) .....	58,799	58,799
003	JOINT STRIKE FIGHTER CV .....	1,144,958	1,132,058
	<i>Production Efficiencies .....</i>		[−12,900]
004	ADVANCE PROCUREMENT (CY) .....	140,010	140,010
005	JSP STOVL .....	2,312,547	2,276,547
	<i>Production Efficiencies .....</i>		[−36,300]

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
006	ADVANCE PROCUREMENT (CY) .....	228,492	228,492
007	CH-53K (HEAVY LIFT) .....	1,113,804	1,089,804
	Support cost growth .....		[-24,000]
008	ADVANCE PROCUREMENT (CY) .....	161,079	161,079
009	V-22 (MEDIUM LIFT) .....	806,337	806,337
010	ADVANCE PROCUREMENT (CY) .....	36,955	36,955
011	H-1 UPGRADES (UH-1Y/AH-1Z) .....	820,755	820,755
014	P-8A POSEIDON .....	1,803,753	1,777,753
	Excessive CFE Electronics cost growth .....		[-5,000]
	Excessive GFE Electronics cost growth .....		[-1,000]
	Excessive support cost growth .....		[-20,000]
015	ADVANCE PROCUREMENT (CY) .....	180,000	180,000
016	E-2D ADV HAWKEYE .....	742,693	726,393
	Excessive CFE cost growth .....		[-5,800]
	Excessive Non-reoccurring cost growth .....		[-2,900]
	Excessive Other ILS cost growth .....		[-1,700]
	Excessive peculiar equipment cost growth .....		[-5,900]
017	ADVANCE PROCUREMENT (CY) .....	240,734	240,734
	<b>AIRLIFT AIRCRAFT</b>		
018	C-40A .....	206,000	0
	Forward financed in the FY18 Omnibus .....		[-206,000]
	<b>OTHER AIRCRAFT</b>		
020	KC-130J .....	160,433	160,433
021	ADVANCE PROCUREMENT (CY) .....	110,013	110,013
022	MQ-4 TRITON .....	568,743	544,793
	Unit and support cost growth .....		[-23,950]
023	ADVANCE PROCUREMENT (CY) .....	58,522	58,522
024	MQ-8 UAV .....	54,761	54,761
025	STUASLo UAV .....	14,866	14,866
026	VH-92A EXECUTIVE HELO .....	649,015	649,015
	<b>MODIFICATION OF AIRCRAFT</b>		
027	AEA SYSTEMS .....	25,277	25,277
028	AV-8 SERIES .....	58,577	58,577
029	ADVERSARY .....	14,606	14,606
030	F-18 SERIES .....	1,213,482	1,210,982
	Program decrease .....		[-2,500]
031	H-53 SERIES .....	70,997	70,997
032	SH-60 SERIES .....	130,661	130,661
033	H-1 SERIES .....	87,143	87,143
034	EP-3 SERIES .....	3,633	3,633
035	P-3 SERIES .....	803	803
036	E-3 SERIES .....	88,780	88,780
037	TRAINER A/C SERIES .....	11,660	11,660
038	C-2A .....	11,327	11,327
039	C-130 SERIES .....	79,075	79,075
040	FEWSG .....	597	597
041	CARGO/TRANSPORT A/C SERIES .....	8,932	8,932
042	E-6 SERIES .....	181,821	181,821
043	EXECUTIVE HELICOPTERS SERIES .....	23,566	23,566
044	SPECIAL PROJECT AIRCRAFT .....	7,620	7,620
045	T-45 SERIES .....	195,475	195,475
046	POWER PLANT CHANGES .....	21,521	21,521
047	JPATS SERIES .....	27,644	27,644
048	AVIATION LIFE SUPPORT MODS .....	15,864	15,864
049	COMMON ECM EQUIPMENT .....	166,306	191,306
	Navy UFR: F/A-18E/F Super Hornet Adaptive RADAR countermeasures .....		[25,000]
050	COMMON AVIONICS CHANGES .....	117,551	112,551
	Program decrease .....		[-5,000]
051	COMMON DEFENSIVE WEAPON SYSTEM .....	1,994	1,994
052	ID SYSTEMS .....	40,696	40,696
053	P-8 SERIES .....	71,251	71,251
054	MAGTF EW FOR AVIATION .....	11,590	11,590
055	MQ-8 SERIES .....	37,907	37,907
057	V-22 (TILT/ROTOR ACFT) OSPREY .....	214,820	214,820
058	NEXT GENERATION JAMMER (NGJ) .....	952	952
059	F-35 STOVL SERIES .....	36,618	36,618
060	F-35 CV SERIES .....	21,236	21,236
061	QRC .....	101,499	101,499
062	MQ-4 SERIES .....	48,278	48,278
063	RQ-21 SERIES .....	6,904	6,904
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
064	SPARES AND REPAIR PARTS .....	1,792,920	1,832,920
	F-35B Spares .....		[40,000]
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>		
065	COMMON GROUND EQUIPMENT .....	421,606	411,606
	Program decrease .....		[-10,000]
066	AIRCRAFT INDUSTRIAL FACILITIES .....	24,496	24,496
067	WAR CONSUMABLES .....	42,108	42,108



SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
068	OTHER PRODUCTION CHARGES .....	1,444	1,444
069	SPECIAL SUPPORT EQUIPMENT .....	49,489	49,489
070	FIRST DESTINATION TRANSPORTATION .....	1,951	1,951
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>	<b>19,041,799</b>	<b>18,713,849</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>MODIFICATION OF MISSILES</b>		
001	TRIDENT II MODS .....	1,078,750	1,078,750
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
002	MISSILE INDUSTRIAL FACILITIES .....	6,998	6,998
	<b>STRATEGIC MISSILES</b>		
003	TOMAHAWK .....	98,570	213,370
	Forward financed in the FY18 Omnibus .....		[-81,000]
	Program Increase—198 missile .....		[216,000]
	Shutdown costs early to need .....		[-20,200]
	<b>TACTICAL MISSILES</b>		
004	AMRAAM .....	211,058	211,058
005	SIDEWINDER .....	77,927	122,927
	Navy UFR: additional AIM 9-X missiles .....		[45,000]
006	JSOW .....	1,330	1,330
007	STANDARD MISSILE .....	490,210	490,210
008	ADVANCE PROCUREMENT (CY) .....	125,683	125,683
009	SMALL DIAMETER BOMB II .....	91,272	91,272
010	RAM .....	96,221	93,921
	Excess Production Support .....		[-2,300]
011	JOINT AIR GROUND MISSILE (JAGM) .....	24,109	24,109
014	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM) .....	11,378	11,378
015	AERIAL TARGETS .....	137,137	137,137
016	OTHER MISSILE SUPPORT .....	3,318	3,318
017	LRASM .....	81,190	111,190
	Navy Unfunded Requirement .....		[30,000]
018	LCS OTH MISSILE .....	18,156	18,156
	<b>MODIFICATION OF MISSILES</b>		
019	ESSM .....	98,384	96,384
	Excess Production Support .....		[-2,000]
020	HARPOON MODS .....	14,840	14,840
021	HARM MODS .....	187,985	187,985
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
023	WEAPONS INDUSTRIAL FACILITIES .....	2,006	2,006
024	FLEET SATELLITE COMM FOLLOW-ON .....	66,779	66,779
	<b>ORDNANCE SUPPORT EQUIPMENT</b>		
025	ORDNANCE SUPPORT EQUIPMENT .....	62,008	62,008
	<b>TORPEDOES AND RELATED EQUIP</b>		
026	SSTD .....	6,353	6,353
027	MK-48 TORPEDO .....	92,616	103,616
	Navy Unfunded Requirement .....		[11,000]
028	ASW TARGETS .....	12,324	12,324
	<b>MOD OF TORPEDOES AND RELATED EQUIP</b>		
029	MK-54 TORPEDO MODS .....	105,946	95,446
	HAAWC unit cost growth .....		[-6,500]
	Non Recurring Engineering excess growth .....		[-4,000]
030	MK-48 TORPEDO ADCAP MODS .....	40,005	40,005
031	QUICKSTRIKE MINE .....	9,758	9,758
	<b>SUPPORT EQUIPMENT</b>		
032	TORPEDO SUPPORT EQUIPMENT .....	79,371	79,371
033	ASW RANGE SUPPORT .....	3,872	3,872
	<b>DESTINATION TRANSPORTATION</b>		
034	FIRST DESTINATION TRANSPORTATION .....	3,726	3,726
	<b>GUNS AND GUN MOUNTS</b>		
035	SMALL ARMS AND WEAPONS .....	15,067	15,067
	<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>		
036	CIWS MODS .....	63,318	63,318
037	COAST GUARD WEAPONS .....	40,823	40,823
038	GUN MOUNT MODS .....	74,618	74,618
039	LCS MODULE WEAPONS .....	11,350	5,550
	Mission Module Early to need .....		[-5,800]
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....	22,249	22,249
	<b>SPARES AND REPAIR PARTS</b>		
043	SPARES AND REPAIR PARTS .....	135,688	130,688
	Unjustified program cost growth .....		[-5,000]
	<b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>	<b>3,702,393</b>	<b>3,877,593</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
001	GENERAL PURPOSE BOMBS .....	79,871	79,871
002	JDAM .....	87,900	87,900
003	AIRBORNE ROCKETS, ALL TYPES .....	151,431	151,431
004	MACHINE GUN AMMUNITION .....	11,344	11,344

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
005	PRACTICE BOMBS .....	49,471	49,471
006	CARTRIDGES & CART ACTUATED DEVICES .....	56,227	56,227
007	AIR EXPENDABLE COUNTERMEASURES .....	66,382	66,382
008	JATOS .....	2,907	2,907
009	5 INCH/54 GUN AMMUNITION .....	72,657	72,657
010	INTERMEDIATE CALIBER GUN AMMUNITION .....	33,613	33,613
011	OTHER SHIP GUN AMMUNITION .....	42,142	42,142
012	SMALL ARMS & LANDING PARTY AMMO .....	49,888	49,888
013	PYROTECHNIC AND DEMOLITION .....	10,931	10,931
015	AMMUNITION LESS THAN \$5 MILLION .....	1,106	1,106
	<b>MARINE CORPS AMMUNITION</b>		
019	MORTARS .....	28,266	28,266
021	DIRECT SUPPORT MUNITIONS .....	63,664	63,664
022	INFANTRY WEAPONS AMMUNITION .....	59,295	59,295
026	COMBAT SUPPORT MUNITIONS .....	31,577	31,577
028	AMMO MODERNIZATION .....	15,001	15,001
029	ARTILLERY MUNITIONS .....	86,297	86,297
030	ITEMS LESS THAN \$5 MILLION .....	6,239	6,239
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>1,006,209</b>	<b>1,006,209</b>
	<b>SHIPBUILDING AND CONVERSION, NAVY</b>		
	<b>FLEET BALLISTIC MISSILE SHIPS</b>		
001	ADVANCE PROCUREMENT (CY) .....	3,005,330	3,088,030
	<i>Accelerated Advance Procurement</i> .....		[150,000]
	<i>Forward financed in the FY18 Omnibus for the foundry propeller center</i> .....		[-19,000]
	<i>Ordnance Early to Need</i> .....		[-48,300]
	<b>OTHER WARSHIPS</b>		
002	CARRIER REPLACEMENT PROGRAM .....	1,598,181	1,549,081
	<i>Authorize CVN81—One ship</i> .....		
	<i>Excess change order rate</i> .....		[-49,100]
004	VIRGINIA CLASS SUBMARINE .....	4,373,382	5,311,382
	<i>EOQ AP for submarine in FY 2022 and 2023</i> .....		[1,003,000]
	<i>Excess change order rate</i> .....		[-20,000]
	<i>Forward financed in the FY18 Omnibus</i> .....		[-45,000]
005	ADVANCE PROCUREMENT (CY) .....	2,796,401	2,796,401
007	ADVANCE PROCUREMENT (CY) .....	449,597	449,597
008	DDG 1000 .....	270,965	270,965
009	DDG-51 .....	5,253,327	4,941,327
	<i>DDG Flight III Multiyear Procurement Savings</i> .....		[-150,000]
	<i>Excessive Basic Construction Unit Cost Growth</i> .....		[-162,000]
010	ADVANCE PROCUREMENT (CY) .....	391,928	391,928
011	LITTORAL COMBAT SHIP .....	646,244	1,596,244
	<i>Program Increase—Two ships</i> .....		[950,000]
	<b>AMPHIBIOUS SHIPS</b>		
012A	ADVANCE PROCUREMENT (CY) .....		150,000
	<i>EOQ for LPD Flight II Multi-year Procurement</i> .....		[150,000]
013	EXPEDITIONARY SEA BASE (ESB) .....	650,000	630,000
	<i>Accelerated contracts learning curve</i> .....		[-20,000]
	<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>		
016	TAO FLEET OILER .....	977,104	957,104
	<i>Accelerated contracts learning curve</i> .....		[-20,000]
017	ADVANCE PROCUREMENT (CY) .....	75,046	75,046
018	TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....	80,517	75,517
	<i>Accelerated contracts learning curve</i> .....		[-5,000]
020	LCU 1700 .....	41,520	41,520
021	OUTFITTING .....	634,038	589,038
	<i>Outfitting and Post Delivery early to need</i> .....		[-45,000]
022	SHIP TO SHORE CONNECTOR .....	325,375	507,875
	<i>Program Increase—Three vessels</i> .....		[182,500]
023	SERVICE CRAFT .....	72,062	72,062
024	LCAC SLEP .....	23,321	23,321
028	COMPLETION OF PY SHIPBUILDING PROGRAMS .....	207,099	207,099
	<b>TOTAL SHIPBUILDING AND CONVERSION, NAVY</b> .....	<b>21,871,437</b>	<b>23,723,537</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>SHIP PROPULSION EQUIPMENT</b>		
001	SURFACE POWER EQUIPMENT .....	19,700	19,700
	<b>GENERATORS</b>		
003	SURFACE COMBATANT HM&E .....	23,495	23,495
	<b>NAVIGATION EQUIPMENT</b>		
004	OTHER NAVIGATION EQUIPMENT .....	63,330	63,330
	<b>OTHER SHIPBOARD EQUIPMENT</b>		
005	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....	178,421	178,421
006	DDG MOD .....	487,999	591,199
	<i>AWS Installation Unit Cost Growth</i> .....		[-4,800]
	<i>Navy Unfunded Requirement</i> .....		[43,000]
	<i>Program Increase—One additional Combat System</i> .....		[65,000]
007	FIREFIGHTING EQUIPMENT .....	28,143	28,143

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
008	COMMAND AND CONTROL SWITCHBOARD .....	2,248	2,248
009	LHA/LHD MIDLIFE .....	37,694	37,694
010	POLLUTION CONTROL EQUIPMENT .....	20,883	20,883
011	SUBMARINE SUPPORT EQUIPMENT .....	37,155	37,155
012	VIRGINIA CLASS SUPPORT EQUIPMENT .....	66,328	66,328
013	LCS CLASS SUPPORT EQUIPMENT .....	47,241	47,241
014	SUBMARINE BATTERIES .....	27,987	27,987
015	LPD CLASS SUPPORT EQUIPMENT .....	65,033	65,033
016	DDG 1000 CLASS SUPPORT EQUIPMENT .....	89,700	89,700
017	STRATEGIC PLATFORM SUPPORT EQUIP .....	22,254	22,254
018	DSSP EQUIPMENT .....	3,629	3,629
019	CG MODERNIZATION .....	276,446	272,546
	Integrated Ship Controls Unit Cost Growth .....		[-3,900]
020	LCAC .....	3,709	3,709
021	UNDERWATER EOD PROGRAMS .....	78,807	48,407
	Insufficient transition strategy .....		[-30,400]
022	ITEMS LESS THAN \$5 MILLION .....	126,865	126,865
023	CHEMICAL WARFARE DETECTORS .....	2,966	
024	SUBMARINE LIFE SUPPORT SYSTEM .....	11,968	11,968
	<b>REACTOR PLANT EQUIPMENT</b>		
025	REACTOR POWER UNITS .....	346,325	0
	Early to need .....		[-346,325]
026	REACTOR COMPONENTS .....	497,063	497,063
	<b>OCEAN ENGINEERING</b>		
027	DIVING AND SALVAGE EQUIPMENT .....	10,706	10,706
	<b>SMALL BOATS</b>		
028	STANDARD BOATS .....	49,771	49,771
	<b>PRODUCTION FACILITIES EQUIPMENT</b>		
029	OPERATING FORCES IPE .....	225,181	225,181
	<b>OTHER SHIP SUPPORT</b>		
031	LCS COMMON MISSION MODULES EQUIPMENT .....	46,732	46,732
032	LCS MCM MISSION MODULES .....	124,147	124,147
033	LCS ASW MISSION MODULES .....	57,294	7,394
	Late test event for VDS and MFTA .....		[-49,900]
034	LCS SUW MISSION MODULES .....	26,006	15,006
	Surface to Surface MM Early to need .....		[-11,000]
035	LCS IN-SERVICE MODERNIZATION .....	70,526	70,526
	<b>LOGISTIC SUPPORT</b>		
036	LSD MIDLIFE & MODERNIZATION .....	4,784	4,784
	<b>SHIP SONARS</b>		
037	SPQ-9B RADAR .....	20,309	20,309
038	AN/SQQ-89 SURF ASW COMBAT SYSTEM .....	115,459	115,459
039	SSN ACOUSTIC EQUIPMENT .....	318,189	318,189
040	UNDERSEA WARFARE SUPPORT EQUIPMENT .....	10,134	10,134
	<b>ASW ELECTRONIC EQUIPMENT</b>		
041	SUBMARINE ACOUSTIC WARFARE SYSTEM .....	23,815	23,815
042	SSTD .....	11,277	11,277
043	FIXED SURVEILLANCE SYSTEM .....	237,780	207,780
	Forward financed in the FY18 Omnibus .....		[-30,000]
044	SURTASS .....	57,872	47,872
	Forward financed in the FY18 Omnibus for SURTASS-E .....		[-10,000]
	<b>ELECTRONIC WARFARE EQUIPMENT</b>		
045	AN/SLQ-32 .....	420,344	397,244
	Excess Ship Installation Unit Cost Growth .....		[-23,100]
	<b>RECONNAISSANCE EQUIPMENT</b>		
046	SHIPBOARD IW EXPLOIT .....	220,883	220,883
047	AUTOMATED IDENTIFICATION SYSTEM (AIS) .....	4,028	4,028
	<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>		
048	COOPERATIVE ENGAGEMENT CAPABILITY .....	44,173	42,573
	Excess Production Engineering Support .....		[-1,600]
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....	10,991	10,991
050	ATDLS .....	34,526	34,526
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....	3,769	3,769
052	MINESWEEPING SYSTEM REPLACEMENT .....	35,709	35,709
053	SHALLOW WATER MCM .....	8,616	8,616
054	NAVSTAR GPS RECEIVERS (SPACE) .....	10,703	10,703
055	AMERICAN FORCES RADIO AND TV SERVICE .....	2,626	2,626
056	STRATEGIC PLATFORM SUPPORT EQUIP .....	9,467	9,467
	<b>AVIATION ELECTRONIC EQUIPMENT</b>		
057	ASHORE ATC EQUIPMENT .....	70,849	70,849
058	AFLOAT ATC EQUIPMENT .....	47,890	47,890
059	ID SYSTEMS .....	26,163	26,163
060	JOINT PRECISION APPROACH AND LANDING SYSTEM ( .....	38,094	38,094
061	NAVAL MISSION PLANNING SYSTEMS .....	11,966	11,966
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>		
062	TACTICAL/MOBILE C4I SYSTEMS .....	42,010	42,010
063	DCGS-N .....	12,896	12,896
064	CANES .....	423,027	423,027

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
065	RADAC .....	8,175	8,175
066	CANES-INTELL .....	54,465	54,465
067	GPETE .....	5,985	5,985
068	MASF .....	5,413	5,413
069	INTEG COMBAT SYSTEM TEST FACILITY .....	6,251	6,251
070	EMI CONTROL INSTRUMENTATION .....	4,183	4,183
071	ITEMS LESS THAN \$5 MILLION .....	148,350	148,350
	<b>SHIPBOARD COMMUNICATIONS</b>		
072	SHIPBOARD TACTICAL COMMUNICATIONS .....	45,450	45,450
073	SHIP COMMUNICATIONS AUTOMATION .....	105,087	105,087
074	COMMUNICATIONS ITEMS UNDER \$5M .....	41,123	41,123
	<b>SUBMARINE COMMUNICATIONS</b>		
075	SUBMARINE BROADCAST SUPPORT .....	30,897	30,897
076	SUBMARINE COMMUNICATION EQUIPMENT .....	78,580	78,580
	<b>SATELLITE COMMUNICATIONS</b>		
077	SATELLITE COMMUNICATIONS SYSTEMS .....	41,205	41,205
078	NAVY MULTIBAND TERMINAL (NMT) .....	113,885	113,885
	<b>SHORE COMMUNICATIONS</b>		
079	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	4,292	4,292
	<b>CRYPTOGRAPHIC EQUIPMENT</b>		
080	INFO SYSTEMS SECURITY PROGRAM (ISSP) .....	153,526	153,526
081	MIO INTEL EXPLOITATION TEAM .....	951	951
	<b>CRYPTOLOGIC EQUIPMENT</b>		
082	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	14,209	14,209
	<b>OTHER ELECTRONIC SUPPORT</b>		
086	COAST GUARD EQUIPMENT .....	40,713	40,713
	<b>SONOBUOYS</b>		
088	SONOBUOYS—ALL TYPES .....	177,891	216,191
	Navy Unfunded Requirement .....		[38,300]
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
089	WEAPONS RANGE SUPPORT EQUIPMENT .....	93,864	93,864
090	AIRCRAFT SUPPORT EQUIPMENT .....	111,724	111,724
091	ADVANCED ARRESTING GEAR (AAG) .....	11,054	11,054
092	METEOROLOGICAL EQUIPMENT .....	21,072	21,072
093	DCRS/DPL .....	656	656
094	AIRBORNE MINE COUNTERMEASURES .....	11,299	11,299
095	LAMPS EQUIPMENT .....	594	594
096	AVIATION SUPPORT EQUIPMENT .....	39,374	39,374
097	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL .....	35,405	35,405
	<b>SHIP GUN SYSTEM EQUIPMENT</b>		
098	SHIP GUN SYSTEMS EQUIPMENT .....	5,337	5,337
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>		
099	SHIP MISSILE SUPPORT EQUIPMENT .....	213,090	208,090
	Unjustified Stalker Growth .....		[–5,000]
100	TOMAHAWK SUPPORT EQUIPMENT .....	92,890	92,890
	<b>FBM SUPPORT EQUIPMENT</b>		
101	STRATEGIC MISSILE SYSTEMS EQUIP .....	271,817	271,817
	<b>ASW SUPPORT EQUIPMENT</b>		
102	SSN COMBAT CONTROL SYSTEMS .....	129,501	124,001
	Excessive Unit Cost Growth for Install .....		[–5,500]
103	ASW SUPPORT EQUIPMENT .....	19,436	19,436
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	14,258	14,258
105	ITEMS LESS THAN \$5 MILLION .....	5,378	5,378
	<b>OTHER EXPENDABLE ORDNANCE</b>		
106	SUBMARINE TRAINING DEVICE MODS .....	65,543	65,543
107	SURFACE TRAINING EQUIPMENT .....	230,425	230,425
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
108	PASSENGER CARRYING VEHICLES .....	4,867	4,867
109	GENERAL PURPOSE TRUCKS .....	2,674	2,674
110	CONSTRUCTION & MAINTENANCE EQUIP .....	20,994	20,994
111	FIRE FIGHTING EQUIPMENT .....	17,189	17,189
112	TACTICAL VEHICLES .....	19,916	19,916
113	AMPHIBIOUS EQUIPMENT .....	7,400	7,400
114	POLLUTION CONTROL EQUIPMENT .....	2,713	2,713
115	ITEMS UNDER \$5 MILLION .....	35,540	35,540
116	PHYSICAL SECURITY VEHICLES .....	1,155	1,155
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
117	SUPPLY EQUIPMENT .....	18,786	18,786
118	FIRST DESTINATION TRANSPORTATION .....	5,375	5,375
119	SPECIAL PURPOSE SUPPLY SYSTEMS .....	580,371	580,371
	<b>TRAINING DEVICES</b>		
120	TRAINING SUPPORT EQUIPMENT .....	3,400	3,400
121	TRAINING AND EDUCATION EQUIPMENT .....	24,283	22,183
	Excess Production Support .....		[–2,100]
	<b>COMMAND SUPPORT EQUIPMENT</b>		
122	COMMAND SUPPORT EQUIPMENT .....	66,681	66,681
123	MEDICAL SUPPORT EQUIPMENT .....	3,352	3,352

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
125	NAVAL MIP SUPPORT EQUIPMENT .....	1,984	1,984
126	OPERATING FORCES SUPPORT EQUIPMENT .....	15,131	15,131
127	CAISR EQUIPMENT .....	3,576	3,576
128	ENVIRONMENTAL SUPPORT EQUIPMENT .....	31,902	31,902
129	PHYSICAL SECURITY EQUIPMENT .....	175,436	175,436
130	ENTERPRISE INFORMATION TECHNOLOGY .....	25,393	25,393
	<b>OTHER</b>		
133	NEXT GENERATION ENTERPRISE SERVICE .....	96,269	96,269
	<b>CLASSIFIED PROGRAMS</b>		
133A	CLASSIFIED PROGRAMS .....	15,681	15,681
	<b>SPARES AND REPAIR PARTS</b>		
134	SPARES AND REPAIR PARTS .....	326,838	326,838
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>9,414,355</b>	<b>9,037,030</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
001	AAV7A1 PIP .....	156,249	136,249
	Program reduction .....		[-20,000]
002	AMPHIBIOUS COMBAT VEHICLE 1.1 .....	167,478	167,478
003	LAV PIP .....	43,701	43,701
	<b>ARTILLERY AND OTHER WEAPONS</b>		
005	155MM LIGHTWEIGHT TOWED HOWITZER .....	47,158	47,158
006	ARTILLERY WEAPONS SYSTEM .....	134,246	134,246
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....	40,687	40,687
	<b>OTHER SUPPORT</b>		
008	MODIFICATION KITS .....	22,904	22,904
	<b>GUIDED MISSILES</b>		
009	GROUND BASED AIR DEFENSE .....	18,334	18,334
010	ANTI-ARMOR MISSILE-JAVELIN .....	3,020	3,020
011	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS) .....	13,760	13,760
012	ANTI-ARMOR MISSILE-TOW .....	59,702	59,702
	<b>COMMAND AND CONTROL SYSTEMS</b>		
013	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C) .....	35,467	35,467
	<b>REPAIR AND TEST EQUIPMENT</b>		
014	REPAIR AND TEST EQUIPMENT .....	46,081	41,481
	Program Reduction .....		[-4,600]
	<b>OTHER SUPPORT (TEL)</b>		
015	MODIFICATION KITS .....	971	971
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>		
016	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	69,203	62,203
	Program Reduction .....		[-7,000]
017	AIR OPERATIONS C2 SYSTEMS .....	14,269	14,269
	<b>RADAR + EQUIPMENT (NON-TEL)</b>		
018	RADAR SYSTEMS .....	6,694	6,694
019	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	224,969	224,969
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
021	GCSS-MC .....	1,187	1,187
022	FIRE SUPPORT SYSTEM .....	60,189	60,189
023	INTELLIGENCE SUPPORT EQUIPMENT .....	73,848	67,848
	Unjustified request for TS/CS Inc 1 .....		[-6,000]
025	UNMANNED AIR SYSTEMS (INTEL) .....	3,848	3,848
026	DCGS-MC .....	16,081	16,081
	<b>OTHER SUPPORT (NON-TEL)</b>		
030	NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....	87,120	87,120
031	COMMON COMPUTER RESOURCES .....	68,914	68,914
032	COMMAND POST SYSTEMS .....	124,838	124,838
033	RADIO SYSTEMS .....	279,680	264,680
	Program reduction .....		[-15,000]
034	COMM SWITCHING & CONTROL SYSTEMS .....	36,649	36,649
035	COMM & ELEC INFRASTRUCTURE SUPPORT .....	83,971	83,971
	<b>CLASSIFIED PROGRAMS</b>		
035A	CLASSIFIED PROGRAMS .....	3,626	3,626
	<b>ADMINISTRATIVE VEHICLES</b>		
036	COMMERCIAL CARGO VEHICLES .....	25,441	25,441
	<b>TACTICAL VEHICLES</b>		
037	MOTOR TRANSPORT MODIFICATIONS .....	11,392	11,392
038	JOINT LIGHT TACTICAL VEHICLE .....	607,011	676,011
	Optimize production profile .....		[69,000]
039	FAMILY OF TACTICAL TRAILERS .....	2,393	2,393
040	TRAILERS .....	6,540	6,540
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
041	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	496	496
042	TACTICAL FUEL SYSTEMS .....	54	54
043	POWER EQUIPMENT ASSORTED .....	21,062	21,062
044	AMPHIBIOUS SUPPORT EQUIPMENT .....	5,290	5,290
045	EOD SYSTEMS .....	47,854	47,854
	<b>MATERIALS HANDLING EQUIPMENT</b>		
046	PHYSICAL SECURITY EQUIPMENT .....	28,306	28,306

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	<b>GENERAL PROPERTY</b>		
047	FIELD MEDICAL EQUIPMENT .....	33,513	33,513
048	TRAINING DEVICES .....	52,040	52,040
049	FAMILY OF CONSTRUCTION EQUIPMENT .....	36,156	39,656
	GPS Grade Control Systems (GCS) and Survey Sets .....		[3,500]
050	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) .....	606	606
	<b>OTHER SUPPORT</b>		
051	ITEMS LESS THAN \$5 MILLION .....	11,608	11,608
	<b>SPARES AND REPAIR PARTS</b>		
053	SPARES AND REPAIR PARTS .....	25,804	25,804
	<b>TOTAL PROCUREMENT, MARINE CORPS</b> .....	<b>2,860,410</b>	<b>2,880,310</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL FORCES</b>		
001	F-35 .....	4,261,021	4,177,681
	Production Efficiencies .....		[-83,340]
002	ADVANCE PROCUREMENT (CY) .....	406,000	406,000
	<b>OTHER COMBAT AIRCRAFT</b>		
003	C-135B .....	222,176	0
	Ahead of need .....		[-222,176]
	<b>TACTICAL AIRLIFT</b>		
004	C-130J .....	35,858	35,858
005	KC-46A TANKER .....	2,559,911	2,010,911
	Forward financed in the FY18 Omnibus—three aircraft .....		[-499,000]
	Interim contractor support early to need .....		[-50,000]
	<b>OTHER AIRLIFT</b>		
007	HC-130J .....	129,437	129,437
009	MC-130J .....	770,201	670,201
	Interim supply support costs unjustified growth .....		[-100,000]
010	ADVANCE PROCUREMENT (CY) .....	218,000	218,000
	<b>HELICOPTERS</b>		
012	COMBAT RESCUE HELICOPTER .....	680,201	680,201
	<b>MISSION SUPPORT AIRCRAFT</b>		
014	CIVIL AIR PATROL A/C .....	2,719	2,719
	<b>OTHER AIRCRAFT</b>		
015	TARGET DRONES .....	139,053	139,053
016	COMPASS CALL MODS .....	108,113	108,113
018	MQ-9 .....	221,707	264,507
	Program increase .....		[42,800]
	<b>STRATEGIC AIRCRAFT</b>		
020	B-2A .....	60,301	37,301
	MOP modifications excess to need .....		[-23,000]
021	B-1B .....	51,290	51,290
022	B-52 .....	105,519	90,819
	Technical adjustment (move to R-173) .....		[-14,700]
	<b>TACTICAL AIRCRAFT</b>		
024	A-10 .....	98,720	163,720
	Additional A-10 wing replacements .....		[65,000]
025	C-130J .....	10,831	10,831
026	F-15 .....	548,109	548,109
027	F-16 .....	324,312	324,312
028	F-16 .....	11	11
029	F-22A .....	250,710	250,710
031	F-35 MODIFICATIONS .....	247,271	247,271
032	F-15 EPAW .....	147,685	214,885
	Eagle Passive Active Warning and Survivability System (EPAWSS) .....		[67,200]
033	INCREMENT 3.2B .....	9,007	9,007
035	KC-46A TANKER .....	8,547	8,547
	<b>AIRLIFT AIRCRAFT</b>		
036	C-5 .....	77,845	77,845
038	C-17A .....	102,121	102,121
039	C-21 .....	17,516	17,516
040	C-32A .....	4,537	4,537
041	C-37A .....	419	419
	<b>TRAINER AIRCRAFT</b>		
043	GLIDER MODS .....	137	137
044	T-6 .....	22,550	22,550
045	T-1 .....	21,952	21,952
046	T-38 .....	70,623	70,623
	<b>OTHER AIRCRAFT</b>		
047	U-2 MODS .....	48,774	48,774
048	KC-10A (ATCA) .....	11,104	11,104
049	C-12 .....	4,900	4,900
050	VC-25A MOD .....	36,938	36,938
051	C-40 .....	251	251
052	C-130 .....	22,094	151,094
	Program Increase—eight blade proppeler upgrade (88 kits) .....		[35,000]
	Program Increase—engine enhancement program (88 kits) .....		[74,000]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
053	C-130J MODS .....	132,045	132,045
054	C-135 .....	113,076	113,076
055	OC-135B .....	5,913	5,913
056	COMPASS CALL MODS .....	49,885	49,885
057	COMBAT FLIGHT INSPECTION (CFIN) .....	499	499
058	RC-135 .....	394,532	394,532
059	E-3 .....	133,906	133,906
060	E-4 .....	67,858	67,858
061	E-8 .....	9,919	9,919
062	AIRBORNE WARNING AND CNTR SYS (AWACS) 40/45 .....	57,780	57,780
063	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	14,293	14,293
064	H-1 .....	2,940	2,940
065	H-60 .....	55,466	55,466
066	RQ-4 MODS .....	23,715	128,715
	EQ-4 BACN aircraft increase .....		[105,000]
067	HC/MC-130 MODIFICATIONS .....	37,754	37,754
068	OTHER AIRCRAFT .....	62,010	62,010
069	MQ-9 MODS .....	171,548	171,548
071	CV-22 MODS .....	60,416	60,416
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
072	INITIAL SPARES/REPAIR PARTS .....	956,408	1,016,408
	F-35A Spares .....		[60,000]
	<b>COMMON SUPPORT EQUIPMENT</b>		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	81,241	81,241
	<b>POST PRODUCTION SUPPORT</b>		
076	B-2A .....	1,763	1,763
077	B-2B .....	35,861	35,861
078	B-52 .....	12,819	12,819
079	C-17A .....	10,114	10,114
081	F-15 .....	2,545	2,545
083	F-16 .....	11,718	7,718
	F-16 Line Shutdown .....		[-4,000]
084	F-22A .....	14,489	14,489
085	OTHER AIRCRAFT .....	9,928	9,928
086	RQ-4 POST PRODUCTION CHARGES .....	40,641	3,341
	RQ-4 Post Production Support .....		[-37,300]
	<b>INDUSTRIAL PREPAREDNESS</b>		
088	INDUSTRIAL RESPONSIVENESS .....	17,378	17,378
	<b>WAR CONSUMABLES</b>		
090	WAR CONSUMABLES .....	29,342	29,342
	<b>OTHER PRODUCTION CHARGES</b>		
091	OTHER PRODUCTION CHARGES .....	1,502,386	1,393,386
	Classified program adjustment .....		[-109,000]
	<b>CLASSIFIED PROGRAMS</b>		
095	CLASSIFIED PROGRAMS .....	28,278	28,278
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>16,206,937</b>	<b>15,533,421</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>		
001	MISSILE REPLACEMENT EQ-BALLISTIC .....	36,786	36,786
	<b>TACTICAL</b>		
002	JOINT AIR-SURFACE STANDOFF MISSILE .....	430,708	430,708
003	LRASMO .....	44,185	44,185
004	SIDEWINDER (AIM-9X) .....	121,253	121,253
005	AMRAAM .....	337,886	337,886
006	PREDATOR HELLFIRE MISSILE .....	113,765	113,765
007	SMALL DIAMETER BOMB .....	105,034	105,034
008	SMALL DIAMETER BOMB II .....	100,861	100,861
	<b>INDUSTRIAL FACILITIES</b>		
009	INDUSTRIAL PREPAREDNESS/POL PREVENTION .....	787	787
	<b>CLASS IV</b>		
010	ICBM FUZE MOD .....	15,767	15,767
011	ADVANCE PROCUREMENT (CY) .....	4,100	4,100
012	MM III MODIFICATIONS .....	129,199	129,199
013	AGM-65D MAVERICK .....	288	288
014	AIR LAUNCH CRUISE MISSILE (ALCM) .....	47,632	47,632
	<b>MISSILE SPARES AND REPAIR PARTS</b>		
016	REPLEN SPARES/REPAIR PARTS .....	97,481	97,481
	<b>SPECIAL PROGRAMS</b>		
018	SPECIAL UPDATE PROGRAMS .....	188,539	188,539
	<b>CLASSIFIED PROGRAMS</b>		
019	CLASSIFIED PROGRAMS .....	895,183	895,183
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....	<b>2,669,454</b>	<b>2,669,454</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>		
	<b>SPACE PROGRAMS</b>		
001	ADVANCED EHF .....	29,829	29,829
002	AF SATELLITE COMM SYSTEM .....	35,400	35,400

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
003	COUNTERSPACE SYSTEMS .....	1,121	1,121
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	27,867	27,867
005	WIDEBAND GAFILLER SATELLITES(SPACE) .....	61,606	61,606
006	GENERAL INFORMATION TECH—SPACE .....	3,425	3,425
007	GPS III SPACE SEGMENT .....	69,386	74,386
	GPS backup technology demonstration .....		[5,000]
008	GLOBAL POSTIONING (SPACE) .....	2,181	2,181
009	INTEG BROADCAST SERV .....	16,445	16,445
010	SPACEBORNE EQUIP (COMSEC) .....	31,895	31,895
012	MILSATCOM .....	11,265	11,265
013	EVOLVED EXPENDABLE LAUNCH CAPABILITY .....	709,981	709,981
014	EVOLVED EXPENDABLE LAUNCH VEH(SPACE) .....	994,555	994,555
015	SBIR HIGH (SPACE) .....	138,397	138,397
017	NUDET DETECTION SYSTEM .....	7,705	7,705
018	ROCKET SYSTEMS LAUNCH PROGRAM .....	47,609	47,609
019	SPACE FENCE .....	51,361	51,361
020	SPACE MODS .....	148,065	148,065
021	SPACELIFT RANGE SYSTEM SPACE .....	117,637	117,637
	<b>SSPARES</b>		
022	SPARES AND REPAIR PARTS .....	21,812	21,812
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE</b> .....	<b>2,527,542</b>	<b>2,532,542</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
001	ROCKETS .....	345,911	345,911
	<b>CARTRIDGES</b>		
002	CARTRIDGES .....	163,840	163,840
	<b>BOMBS</b>		
003	PRACTICE BOMBS .....	20,876	20,876
004	GENERAL PURPOSE BOMBS .....	259,308	259,308
005	MASSIVE ORDNANCE PENETRATOR (MOP) .....	38,111	38,111
006	JOINT DIRECT ATTACK MUNITION .....	234,198	234,198
007	B61 .....	109,292	109,292
008	ADVANCE PROCUREMENT (CY) .....	52,731	52,731
	<b>OTHER ITEMS</b>		
009	CAD/PAD .....	51,455	51,455
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....	6,038	6,038
011	SPARES AND REPAIR PARTS .....	524	524
012	MODIFICATIONS .....	1,270	1,270
013	ITEMS LESS THAN \$5,000,000 .....	4,604	4,604
	<b>FLARES</b>		
015	FLARES .....	125,286	125,286
	<b>FUZES</b>		
016	FUZES .....	109,358	109,358
	<b>SMALL ARMS</b>		
017	SMALL ARMS .....	64,502	59,502
	Program decrease .....		[−5,000]
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....	<b>1,587,304</b>	<b>1,582,304</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
001	PASSENGER CARRYING VEHICLES .....	6,949	3,449
	Forward financed in the FY18 Omnibus .....		[−3,500]
	<b>CARGO AND UTILITY VEHICLES</b>		
002	MEDIUM TACTICAL VEHICLE .....	36,002	18,002
	Forward financed in the FY18 Omnibus .....		[−18,000]
003	CAP VEHICLES .....	1,022	1,022
004	CARGO AND UTILITY VEHICLES .....	42,696	21,696
	Forward financed in the FY18 Omnibus .....		[−21,000]
	<b>SPECIAL PURPOSE VEHICLES</b>		
005	JOINT LIGHT TACTICAL VEHICLE .....	30,145	30,145
006	SECURITY AND TACTICAL VEHICLES .....	1,230	1,230
007	SPECIAL PURPOSE VEHICLES .....	43,003	22,003
	Forward financed in the FY18 Omnibus .....		[−21,000]
	<b>FIRE FIGHTING EQUIPMENT</b>		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	23,328	23,328
	<b>MATERIALS HANDLING EQUIPMENT</b>		
009	MATERIALS HANDLING VEHICLES .....	11,537	11,537
	<b>BASE MAINTENANCE SUPPORT</b>		
010	RUNWAY SNOW REMOV AND CLEANING EQU .....	37,600	37,600
011	BASE MAINTENANCE SUPPORT VEHICLES .....	104,923	52,923
	Forward financed in the FY18 Omnibus .....		[−52,000]
	<b>COMM SECURITY EQUIPMENT(COMSEC)</b>		
012	COMSEC EQUIPMENT .....	114,372	114,372
	<b>INTELLIGENCE PROGRAMS</b>		
013	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	8,290	8,290
014	INTELLIGENCE TRAINING EQUIPMENT .....	2,099	2,099
015	INTELLIGENCE COMM EQUIPMENT .....	37,415	37,415



SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
<b>ELECTRONICS PROGRAMS</b>			
016	AIR TRAFFIC CONTROL & LANDING SYS .....	57,937	14,387
	D-RAPCON Cost Growth .....		[-43,550]
018	BATTLE CONTROL SYSTEM—FIXED .....	3,012	3,012
019	THEATER AIR CONTROL SYS IMPROVEMEN .....	19,989	19,989
020	WEATHER OBSERVATION FORECAST .....	45,020	45,020
021	STRATEGIC COMMAND AND CONTROL .....	32,836	32,836
022	CHEYENNE MOUNTAIN COMPLEX .....	12,454	12,454
023	MISSION PLANNING SYSTEMS .....	14,263	14,263
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....	7,769	7,769
<b>SPCL COMM-ELECTRONICS PROJECTS</b>			
026	GENERAL INFORMATION TECHNOLOGY .....	40,450	40,450
027	AF GLOBAL COMMAND & CONTROL SYS .....	6,619	6,619
028	MOBILITY COMMAND AND CONTROL .....	10,192	10,192
029	AIR FORCE PHYSICAL SECURITY SYSTEM .....	159,313	143,413
	Underexecution .....		[-15,900]
030	COMBAT TRAINING RANGES .....	132,675	132,675
031	MINIMUM ESSENTIAL EMERGENCY COMM N .....	140,875	140,875
032	WIDE AREA SURVEILLANCE (WAS) .....	92,104	92,104
033	C3 COUNTERMEASURES .....	45,152	45,152
034	GCSS-AF FOS .....	483	483
035	DEFENSE ENTERPRISE ACCOUNTING & MGT SYS .....	802	802
036	MAINTENANCE REPAIR & OVERHAUL INITIATIVE .....	12,207	12,207
037	THEATER BATTLE MGT C2 SYSTEM .....	7,644	7,644
038	AIR & SPACE OPERATIONS CENTER (AOC) .....	40,066	40,066
<b>AIR FORCE COMMUNICATIONS</b>			
041	BASE INFORMATION TRANSPIT INFRAST (BITI) WIRED .....	22,357	22,357
042	AFNET .....	102,836	102,836
043	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	3,145	3,145
044	USCENTCOM .....	13,194	13,194
<b>ORGANIZATION AND BASE</b>			
045	TACTICAL C-E EQUIPMENT .....	161,231	161,231
047	RADIO EQUIPMENT .....	12,142	12,142
048	CCTV/AUDIOVISUAL EQUIPMENT .....	6,505	6,505
049	BASE COMM INFRASTRUCTURE .....	169,404	169,404
<b>MODIFICATIONS</b>			
050	COMM ELECT MODS .....	10,654	10,654
<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>			
051	PERSONAL SAFETY AND RESCUE EQUIPMENT .....	51,906	51,906
<b>DEPOT PLANT+MTRLS HANDLING EQ</b>			
052	MECHANIZED MATERIAL HANDLING EQUIP .....	88,298	80,798
	Program reduction .....		[-7,500]
<b>BASE SUPPORT EQUIPMENT</b>			
053	BASE PROCURED EQUIPMENT .....	17,031	22,031
	Civil Engineers Construction, Surveying, and Mapping Equipment .....		[5,000]
054	ENGINEERING AND EOD EQUIPMENT .....	82,635	82,635
055	MOBILITY EQUIPMENT .....	9,549	6,549
	Program reduction .....		[-3,000]
056	BASE MAINTENANCE AND SUPPORT EQUIPMENT .....	24,005	17,005
	Program reduction .....		[-7,000]
<b>SPECIAL SUPPORT PROJECTS</b>			
058	DARP RC135 .....	26,262	26,262
059	DCGS-AF .....	448,290	400,490
	Forward financed in the FY18 Omnibus .....		[-35,000]
	Program decrease .....		[-12,800]
061	SPECIAL UPDATE PROGRAM .....	913,813	913,813
<b>CLASSIFIED PROGRAMS</b>			
062	CLASSIFIED PROGRAMS .....	17,258,069	17,258,069
<b>SPARES AND REPAIR PARTS</b>			
063	SPARES AND REPAIR PARTS .....	86,365	86,365
<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b>		<b>20,890,164</b>	<b>20,654,914</b>
<b>PROCUREMENT, DEFENSE-WIDE</b>			
<b>MAJOR EQUIPMENT, OSD</b>			
043	MAJOR EQUIPMENT, OSD .....	35,295	35,295
<b>MAJOR EQUIPMENT, NSA</b>			
042	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....	5,403	5,403
<b>MAJOR EQUIPMENT, WHS</b>			
046	MAJOR EQUIPMENT, WHS .....	497	497
<b>MAJOR EQUIPMENT, DISA</b>			
007	INFORMATION SYSTEMS SECURITY .....	21,590	21,590
008	TELEPORT PROGRAM .....	33,905	33,905
009	ITEMS LESS THAN \$5 MILLION .....	27,886	27,886
010	NET CENTRIC ENTERPRISE SERVICES (NCES) .....	1,017	1,017
011	DEFENSE INFORMATION SYSTEM NETWORK .....	150,674	150,674
013	WHITE HOUSE COMMUNICATION AGENCY .....	94,610	94,610
014	SENIOR LEADERSHIP ENTERPRISE .....	197,246	197,246
015	JOINT REGIONAL SECURITY STACKS (JRSS) .....	140,338	140,338

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
016	JOINT SERVICE PROVIDER .....	107,182	107,182
	<b>MAJOR EQUIPMENT, DLA</b>		
018	MAJOR EQUIPMENT .....	5,225	5,225
	<b>MAJOR EQUIPMENT, DSS</b>		
021	MAJOR EQUIPMENT .....	1,196	1,196
	<b>MAJOR EQUIPMENT, DCAA</b>		
001	ITEMS LESS THAN \$5 MILLION .....	2,542	2,542
	<b>MAJOR EQUIPMENT, TJS</b>		
044	MAJOR EQUIPMENT, TJS .....	4,360	4,360
045	MAJOR EQUIPMENT, TJS—CE2T2 .....	904	904
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>		
026	THAAD .....	874,068	874,068
027	GROUND BASED MIDCOURSE .....	409,000	409,000
028	ADVANCE PROCUREMENT (CY) .....	115,000	115,000
029	AEGIS BMD .....	593,488	593,488
030	ADVANCE PROCUREMENT (CY) .....	115,206	115,206
031	BMDS AN/TPY-2 RADARS .....	13,185	13,185
032	ISRAELI PROGRAMS .....	80,000	80,000
033	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) .....	50,000	50,000
034	AEGIS ASHORE PHASE III .....	15,000	15,000
035	IRON DOME .....	70,000	70,000
036	AEGIS BMD HARDWARE AND SOFTWARE .....	97,057	97,057
	<b>MAJOR EQUIPMENT, DHRA</b>		
003	PERSONNEL ADMINISTRATION .....	10,630	10,630
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		
023	VEHICLES .....	207	207
024	OTHER MAJOR EQUIPMENT .....	5,592	5,592
	<b>MAJOR EQUIPMENT, DODEA</b>		
020	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....	1,723	1,723
	<b>MAJOR EQUIPMENT, DCMA</b>		
002	MAJOR EQUIPMENT .....	3,873	3,873
	<b>MAJOR EQUIPMENT, DMACT</b>		
019	MAJOR EQUIPMENT .....	13,106	13,106
	<b>CLASSIFIED PROGRAMS</b>		
046A	CLASSIFIED PROGRAMS .....	589,691	589,691
	<b>AVIATION PROGRAMS</b>		
050	ROTARY WING UPGRADES AND SUSTAINMENT .....	148,351	148,351
051	UNMANNED ISR .....	57,708	57,708
052	NON-STANDARD AVIATION .....	18,731	18,731
053	U-28 .....	32,301	32,301
054	MH-47 CHINOOK .....	131,033	131,033
055	CV-22 MODIFICATION .....	32,529	32,529
056	MQ-9 UNMANNED AERIAL VEHICLE .....	24,621	24,621
057	PRECISION STRIKE PACKAGE .....	226,965	226,965
058	AC/MC-130J .....	165,813	165,813
059	C-130 MODIFICATIONS .....	80,274	80,274
	<b>SHIPBUILDING</b>		
060	UNDERWATER SYSTEMS .....	136,723	136,723
	<b>AMMUNITION PROGRAMS</b>		
061	ORDNANCE ITEMS <\$5M .....	357,742	357,742
	<b>OTHER PROCUREMENT PROGRAMS</b>		
062	INTELLIGENCE SYSTEMS .....	85,699	85,699
063	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	17,863	17,863
064	OTHER ITEMS <\$5M .....	112,117	112,117
065	COMBATANT CRAFT SYSTEMS .....	7,313	7,313
066	SPECIAL PROGRAMS .....	14,026	14,026
067	TACTICAL VEHICLES .....	88,608	88,608
068	WARRIOR SYSTEMS <\$5M .....	438,590	433,390
	Link 16 handheld radios for USSOCOM .....		[12,800]
	SAT Deployable Node .....		[−18,000]
069	COMBAT MISSION REQUIREMENTS .....	19,408	19,408
070	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	6,281	6,281
071	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	18,509	18,509
073	OPERATIONAL ENHANCEMENTS .....	367,433	367,433
	<b>CBDP</b>		
074	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....	166,418	153,618
	Program decrease .....		[−12,800]
075	CB PROTECTION & HAZARD MITIGATION .....	144,519	144,519
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....	<b>6,786,271</b>	<b>6,768,271</b>
	<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>		
	<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>		
001	JOINT URGENT OPERATIONAL NEEDS FUND .....	100,025	0
	Program decrease .....		[−100,025]
	<b>TOTAL JOINT URGENT OPERATIONAL NEEDS FUND</b> .....	<b>100,025</b>	<b>0</b>
	<b>TOTAL PROCUREMENT</b> .....	<b>130,526,043</b>	<b>133,587,892</b>

1 **SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY**  
2 **OPERATIONS.**

<b>SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	<b>AIRCRAFT PROCUREMENT, ARMY</b>		
	<b>FIXED WING</b>		
003	MQ-1 UAV .....	60,000	60,000
	<b>ROTARY</b>		
011	UH-60 BLACKHAWK M MODEL (MYP) .....	21,246	21,246
014	CH-47 HELICOPTER .....	25,000	25,000
	<b>MODIFICATION OF AIRCRAFT</b>		
017	MQ-1 PAYLOAD (MIP) .....	11,400	11,400
019	GRAY EAGLE MODS2 .....	32,000	32,000
020	MULTI SENSOR ABN RECON (MIP) .....	51,000	51,000
032	RQ-7 UAV MODS .....	50,868	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-50,868]
033	UAS MODS .....	3,402	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-3,402]
	<b>GROUND SUPPORT AVIONICS</b>		
036	CMWS .....	84,387	84,387
037	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	24,060	24,060
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>363,363</b>	<b>309,093</b>
	<b>MISSILE PROCUREMENT, ARMY</b>		
	<b>SURFACE-TO-AIR MISSILE SYSTEM</b>		
002	MSE MISSILE .....	260,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-260,000]
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		
005	HELLFIRE SYS SUMMARY .....	255,040	255,040
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	31,120	17,320
	Realignment of EDI APS Unit Set from OCO to Base .....		[-13,800]
011	GUIDED MLRS ROCKET (GMLRS) .....	624,500	624,500
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....	171,138	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-171,138]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....	112,973	112,973
	<b>MODIFICATIONS</b>		
016	ATACMS MODS .....	225,580	145,580
	Realignment of EDI APS Unit Set from OCO to Base .....		[-80,000]
021	MLRS MODS .....	122,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-122,000]
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>1,802,351</b>	<b>1,155,413</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
001	BRADLEY PROGRAM .....	205,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-205,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	230,359	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-230,359]
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
006	BRADLEY PROGRAM (MOD) .....	50,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-50,000]
008	PALADIN INTEGRATED MANAGEMENT (PIM) .....	67,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-67,000]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....	42,354	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-42,354]
014	M1 ABRAMS TANK (MOD) .....	34,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-34,000]
015	ABRAMS UPGRADE PROGRAM .....	455,000	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-455,000]
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>		
018	M240 MEDIUM MACHINE GUN (7.62MM) .....	126	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-126]
022	MORTAR SYSTEMS .....	11,842	11,662
	Realignment of EDI APS Unit Set from OCO to Base .....		[-180]
025	CARBINE .....	1,800	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-1,800]
027	COMMON REMOTELY OPERATED WEAPONS STATION .....	3,378	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-3,378]
	<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>		
032	M2 50 CAL MACHINE GUN MODS .....	4,920	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-4,920]
034	M240 MEDIUM MACHINE GUN MODS .....	7	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-7]
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
039	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	1,397	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-1,397]

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b>	<b>1,107,183</b>	<b>11,662</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
001	CTG, 5.56MM, ALL TYPES	3,392	0
	Realignment of EDI APS Unit Set from OCO to Base		[-3,392]
002	CTG, 7.62MM, ALL TYPES	40	0
	Realignment of EDI APS Unit Set from OCO to Base		[-40]
003	CTG, HANDGUN, ALL TYPES	17	0
	Realignment of EDI APS Unit Set from OCO to Base		[-17]
004	CTG, .50 CAL, ALL TYPES	189	0
	Realignment of EDI APS Unit Set from OCO to Base		[-189]
005	CTG, 20MM, ALL TYPES	1,605	1,605
007	CTG, 30MM, ALL TYPES	25,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[-25,000]
	<b>MORTAR AMMUNITION</b>		
009	60MM MORTAR, ALL TYPES	218	0
	Realignment of EDI APS Unit Set from OCO to Base		[-218]
010	81MM MORTAR, ALL TYPES	484	0
	Realignment of EDI APS Unit Set from OCO to Base		[-484]
	<b>ARTILLERY AMMUNITION</b>		
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	79,400	0
	Realignment of EDI APS Unit Set from OCO to Base		[-79,400]
015	PROJ 155MM EXTENDED RANGE M982	72,985	21,285
	Realignment of EDI APS Unit Set from OCO to Base		[-51,700]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	63,900	15,000
	Realignment of EDI APS Unit Set from OCO to Base		[-48,900]
	<b>ROCKETS</b>		
018	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	22,242	20,000
	Realignment of EDI APS Unit Set from OCO to Base		[-2,242]
019	ROCKET, HYDRA 70, ALL TYPES	39,974	39,974
	<b>OTHER AMMUNITION</b>		
021	DEMOLITION MUNITIONS, ALL TYPES	5	0
	Realignment of EDI APS Unit Set from OCO to Base		[-5]
022	GRENADES, ALL TYPES	8	0
	Realignment of EDI APS Unit Set from OCO to Base		[-8]
	<b>MISCELLANEOUS</b>		
027	ITEMS LESS THAN \$5 MILLION (AMMO)	66	0
	Realignment of EDI APS Unit Set from OCO to Base		[-66]
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b>	<b>309,525</b>	<b>97,864</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
002	SEMITRAILERS, FLATBED:	8,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[-8,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	20,770	0
	Realignment of EDI APS Unit Set from OCO to Base		[-20,770]
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	115,400	0
	Realignment of EDI APS Unit Set from OCO to Base		[-115,400]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	6,682	0
	Realignment of EDI APS Unit Set from OCO to Base		[-6,682]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS	50,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[-50,000]
014	MODIFICATION OF IN SVC EQUIP	186,377	186,000
	Realignment of EDI APS Unit Set from OCO to Base		[-377]
	<b>COMM—SATELLITE COMMUNICATIONS</b>		
028	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	7,100	7,100
	<b>COMM—COMBAT COMMUNICATIONS</b>		
037	JOINT TACTICAL RADIO SYSTEM	1,560	0
	Realignment of EDI APS Unit Set from OCO to Base		[-1,560]
042	TRACTOR RIDE	13,190	13,190
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	9,549	9,549
047	COTS COMMUNICATIONS EQUIPMENT	22,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[-22,000]
	<b>COMM—INTELLIGENCE COMM</b>		
050	CI AUTOMATION ARCHITECTURE (MIP)	9,800	9,800
	<b>INFORMATION SECURITY</b>		
055	COMMUNICATIONS SECURITY (COMSEC)	3	0
	Realignment of EDI APS Unit Set from OCO to Base		[-3]
	<b>COMM—LONG HAUL COMMUNICATIONS</b>		
059	BASE SUPPORT COMMUNICATIONS	690	690
	<b>COMM—BASE COMMUNICATIONS</b>		
060	INFORMATION SYSTEMS	8,750	8,750
063	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	60,337	51,287
	Realignment of EDI APS Unit Set from OCO to Base		[-9,050]
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
068	DCGS-A (MIP)	37,806	37,806
070	TROJAN (MIP)	6,926	6,326

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−600]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	2,011	2,011
075	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	5,370	5,370
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
080	CREW .....	42,651	42,651
081	FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP) .....	20,050	25,450
	<i>SOUTHCOT UFR: CENTAM Maritime Sensor</i> .....		[3,600]
	<i>SOUTHCOT UFR: SIGINT Suite COMSAT RF</i> .....		[1,800]
082	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	12,974	12,974
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
085	NIGHT VISION DEVICES .....	463	377
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM .....	2,861	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	60	60
088	RADIATION MONITORING SYSTEMS .....	11	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	251,062	250,800
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−262]
091	FAMILY OF WEAPON SIGHTS (FWS) .....	525	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−525]
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	26,146	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−26,146]
096	MOD OF IN-SVC EQUIP (LLDR) .....	4,050	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−4,050]
097	COMPUTER BALLISTICS: LHMBC XM32 .....	960	960
098	MORTAR FIRE CONTROL SYSTEM .....	7,660	7,660
099	COUNTERFIRE RADARS .....	165,200	165,200
	<b>ELECT EQUIP—AUTOMATION</b>		
112	AUTOMATED DATA PROCESSING EQUIP .....	28,475	28,475
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
121	PROTECTIVE SYSTEMS .....	27	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−27]
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....	20,200	20,200
123	BASE DEFENSE SYSTEMS (BDS) .....	39,200	39,200
124	CBRN DEFENSE .....	2,317	2,000
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−317]
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
129	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....	16,000	16,000
130	AREA MINE DETECTION SYSTEM (AMDS) .....	1	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−1]
132	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....	4,850	4,850
136	REMOTE DEMOLITION SYSTEMS .....	1	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−1]
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
139	HEATERS AND ECUS .....	270	270
141	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	4,300	4,300
142	GROUND SOLDIER SYSTEM .....	1,725	1,725
144	FORCE PROVIDER .....	55,800	55,800
145	FIELD FEEDING EQUIPMENT .....	1,035	1,035
146	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	1,980	1,980
	<b>MEDICAL EQUIPMENT</b>		
151	COMBAT SUPPORT MEDICAL .....	17,527	17,527
	<b>MAINTENANCE EQUIPMENT</b>		
153	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	268	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−268]
	<b>CONSTRUCTION EQUIPMENT</b>		
159	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	25,700	25,700
	<b>GENERATORS</b>		
165	GENERATORS AND ASSOCIATED EQUIP .....	569	569
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	9,495	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−9,495]
	<b>OTHER SUPPORT EQUIPMENT</b>		
176	M25 STABILIZED BINOCULAR .....	33	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i> .....		[−33]
177	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	18,000	18,000
178	PHYSICAL SECURITY SYSTEMS (OPA3) .....	6,000	6,000
179	BASE LEVEL COMMON EQUIPMENT .....	2,080	2,080
180	MODIFICATION OF IN-SVC EQUIPMENT (OPA−3) .....	19,200	19,200
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>1,382,047</b>	<b>1,108,922</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>OTHER AIRCRAFT</b>		
025	STUASLO UAV .....	35,065	35,065
	<b>MODIFICATION OF AIRCRAFT</b>		
032	SH−60 SERIES .....	4,858	4,858
034	EP−3 SERIES .....	5,380	5,380

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
044	SPECIAL PROJECT AIRCRAFT .....	2,165	2,165
049	COMMON ECM EQUIPMENT .....	9,820	9,820
051	COMMON DEFENSIVE WEAPON SYSTEM .....	3,206	3,206
061	QRC .....	2,410	2,410
063	RQ-21 SERIES .....	17,215	17,215
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>	<b>80,119</b>	<b>80,119</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>TACTICAL MISSILES</b>		
004	AMRAAM .....	1,183	1,183
005	SIDEWINDER .....	381	381
012	HELLFIRE .....	1,530	1,530
015	AERIAL TARGETS .....	6,500	6,500
	<b>GUNS AND GUN MOUNTS</b>		
035	SMALL ARMS AND WEAPONS .....	1,540	1,540
	<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>		
038	GUN MOUNT MODS .....	3,000	3,000
	<b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>	<b>14,134</b>	<b>14,134</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
001	GENERAL PURPOSE BOMBS .....	62,530	62,530
002	JDAM .....	93,019	93,019
003	AIRBORNE ROCKETS, ALL TYPES .....	2,163	2,163
004	MACHINE GUN AMMUNITION .....	5,000	5,000
006	CARTRIDGES & CART ACTUATED DEVICES .....	5,334	5,334
007	AIR EXPENDABLE COUNTERMEASURES .....	36,580	36,580
008	JATOS .....	747	747
011	OTHER SHIP GUN AMMUNITION .....	2,538	2,538
013	PYROTECHNIC AND DEMOLITION .....	1,807	1,807
015	AMMUNITION LESS THAN \$5 MILLION .....	2,229	2,229
	<b>MARINE CORPS AMMUNITION</b>		
019	MORTARS .....	2,018	2,018
021	DIRECT SUPPORT MUNITIONS .....	632	632
022	INFANTRY WEAPONS AMMUNITION .....	779	779
026	COMBAT SUPPORT MUNITIONS .....	164	164
029	ARTILLERY MUNITIONS .....	31,001	31,001
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC .....</b>	<b>246,541</b>	<b>246,541</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>OTHER SHIPBOARD EQUIPMENT</b>		
021	UNDERWATER EOD PROGRAMS .....	9,200	9,200
	<b>SMALL BOATS</b>		
028	STANDARD BOATS .....	19,060	19,060
	<b>ASW ELECTRONIC EQUIPMENT</b>		
043	FIXED SURVEILLANCE SYSTEM .....	56,950	56,950
	<b>SATELLITE COMMUNICATIONS</b>		
077	SATELLITE COMMUNICATIONS SYSTEMS .....	3,200	3,200
	<b>CRYPTOLOGIC EQUIPMENT</b>		
082	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	2,000	2,000
	<b>SONOBUOYS</b>		
088	SONOBUOYS—ALL TYPES .....	21,156	21,156
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	33,580	33,580
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
108	PASSENGER CARRYING VEHICLES .....	170	170
109	GENERAL PURPOSE TRUCKS .....	400	400
111	FIRE FIGHTING EQUIPMENT .....	770	770
112	TACTICAL VEHICLES .....	7,298	7,298
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
118	FIRST DESTINATION TRANSPORTATION .....	500	500
	<b>COMMAND SUPPORT EQUIPMENT</b>		
123	MEDICAL SUPPORT EQUIPMENT .....	6,500	6,500
128	ENVIRONMENTAL SUPPORT EQUIPMENT .....	2,200	2,200
129	PHYSICAL SECURITY EQUIPMENT .....	19,389	19,389
	<b>CLASSIFIED PROGRAMS</b>		
133A	CLASSIFIED PROGRAMS .....	4,800	4,800
	<b>TOTAL OTHER PROCUREMENT, NAVY .....</b>	<b>187,173</b>	<b>187,173</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
022	FIRE SUPPORT SYSTEM .....	5,583	5,583
	<b>TACTICAL VEHICLES</b>		
037	MOTOR TRANSPORT MODIFICATIONS .....	44,440	44,440
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
045	EOD SYSTEMS .....	8,000	8,000
	<b>TOTAL PROCUREMENT, MARINE CORPS .....</b>	<b>58,023</b>	<b>58,023</b>

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>OTHER AIRLIFT</b>		
007	HC-130J .....	100,000	100,000
	<b>OTHER AIRCRAFT</b>		
018	MQ-9 .....	339,740	147,040
	Excess attrition aircraft .....		[-192,700]
019	RQ-20B PUMA .....	13,500	13,500
	<b>STRATEGIC AIRCRAFT</b>		
021	B-1B .....	4,000	4,000
023	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	149,778	149,778
	<b>TACTICAL AIRCRAFT</b>		
024	A-10 .....	10,350	10,350
	<b>OTHER AIRCRAFT</b>		
047	U-2 MODS .....	7,900	7,900
056	COMPASS CALL MODS .....	36,400	36,400
061	E-8 .....	13,000	13,000
065	H-60 .....	40,560	40,560
067	HC/MC-130 MODIFICATIONS .....	87,900	87,900
068	OTHER AIRCRAFT .....	53,731	53,731
070	MQ-9 UAS PAYLOADS .....	16,000	16,000
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
072	INITIAL SPARES/REPAIR PARTS .....	91,500	91,500
	<b>COMMON SUPPORT EQUIPMENT</b>		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	32,529	32,529
074	OTHER PRODUCTION CHARGES .....	22,000	22,000
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>1,018,888</b>	<b>826,188</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL</b>		
002	JOINT AIR-SURFACE STANDOFF MISSILE .....	61,600	61,600
005	AMRAAM .....	2,600	2,600
006	PREDATOR HELLFIRE MISSILE .....	255,000	255,000
007	SMALL DIAMETER BOMB .....	140,724	140,724
	<b>CLASS IV</b>		
013	AGM-65D MAVERICK .....	33,602	33,602
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....	<b>493,526</b>	<b>493,526</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>CARTRIDGES</b>		
002	CARTRIDGES .....	29,587	29,587
	<b>BOMBS</b>		
004	GENERAL PURPOSE BOMBS .....	551,862	551,862
006	JOINT DIRECT ATTACK MUNITION .....	738,451	738,451
	<b>FLARES</b>		
015	FLARES .....	12,116	12,116
	<b>FUZES</b>		
016	FUZES .....	81,000	81,000
	<b>SMALL ARMS</b>		
017	SMALL ARMS .....	8,500	8,500
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....	<b>1,421,516</b>	<b>1,421,516</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
001	PASSENGER CARRYING VEHICLES .....	9,680	9,680
	<b>CARGO AND UTILITY VEHICLES</b>		
002	MEDIUM TACTICAL VEHICLE .....	9,680	9,680
004	CARGO AND UTILITY VEHICLES .....	19,680	19,680
	<b>SPECIAL PURPOSE VEHICLES</b>		
006	SECURITY AND TACTICAL VEHICLES .....	24,880	24,880
007	SPECIAL PURPOSE VEHICLES .....	34,680	34,680
	<b>FIRE FIGHTING EQUIPMENT</b>		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	9,736	9,736
	<b>MATERIALS HANDLING EQUIPMENT</b>		
009	MATERIALS HANDLING VEHICLES .....	24,680	24,680
	<b>BASE MAINTENANCE SUPPORT</b>		
010	RUNWAY SNOW REMOV AND CLEANING EQU .....	9,680	9,680
011	BASE MAINTENANCE SUPPORT VEHICLES .....	9,680	9,680
	<b>INTELLIGENCE PROGRAMS</b>		
015	INTELLIGENCE COMM EQUIPMENT .....	6,156	6,156
	<b>ELECTRONICS PROGRAMS</b>		
016	AIR TRAFFIC CONTROL & LANDING SYS .....	56,884	56,884
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
029	AIR FORCE PHYSICAL SECURITY SYSTEM .....	46,236	46,236
037	THEATER BATTLE MGT C2 SYSTEM .....	2,500	2,500
	<b>ORGANIZATION AND BASE</b>		
045	TACTICAL C-E EQUIPMENT .....	27,911	27,911
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>		
051	PERSONAL SAFETY AND RESCUE EQUIPMENT .....	13,600	13,600

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
<b>BASE SUPPORT EQUIPMENT</b>			
053	BASE PROCURED EQUIPMENT .....	28,800	28,800
054	ENGINEERING AND EOD EQUIPMENT .....	53,500	53,500
055	MOBILITY EQUIPMENT .....	78,562	78,562
056	BASE MAINTENANCE AND SUPPORT EQUIPMENT .....	28,055	28,055
<b>SPECIAL SUPPORT PROJECTS</b>			
059	DCGS-AF .....	2,000	2,000
<b>CLASSIFIED PROGRAMS</b>			
062	CLASSIFIED PROGRAMS .....	3,229,364	3,229,364
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE .....</b>	<b>3,725,944</b>	<b>3,725,944</b>
<b>PROCUREMENT, DEFENSE-WIDE</b>			
<b>MAJOR EQUIPMENT, DISA</b>			
008	TELEPORT PROGRAM .....	3,800	3,800
017	DEFENSE INFORMATION SYSTEMS NETWORK .....	12,000	12,000
<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>			
025	COUNTER IED & IMPROVISED THREAT TECHNOLOGIES .....	5,534	5,534
<b>CLASSIFIED PROGRAMS</b>			
046A	CLASSIFIED PROGRAMS .....	41,559	41,559
<b>AVIATION PROGRAMS</b>			
047	MANNED ISR .....	5,000	5,000
048	MC-12 .....	5,000	5,000
049	MH-60 BLACKHAWK .....	27,600	27,600
051	UNMANNED ISR .....	17,000	17,000
052	NON-STANDARD AVIATION .....	13,000	13,000
053	U-28 .....	51,722	51,722
054	MH-47 CHINOOK .....	36,500	36,500
<b>AMMUNITION PROGRAMS</b>			
061	ORDNANCE ITEMS <\$5M .....	100,850	100,850
<b>OTHER PROCUREMENT PROGRAMS</b>			
062	INTELLIGENCE SYSTEMS .....	16,500	16,500
064	OTHER ITEMS <\$5M .....	7,700	7,700
067	TACTICAL VEHICLES .....	59,891	59,891
068	WARRIOR SYSTEMS <\$5M .....	21,135	21,135
069	COMBAT MISSION REQUIREMENTS .....	10,000	10,000
071	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	10,805	10,805
073	OPERATIONAL ENHANCEMENTS .....	126,539	126,539
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>572,135</b>	<b>572,135</b>
<b>NATIONAL GUARD AND RESERVE EQUIPMENT</b>			
<b>UNDISTRIBUTED</b>			
007	UNDISTRIBUTED .....		150,000
	Program increase .....		[150,000]
	<b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT .....</b>		<b>150,000</b>
	<b>TOTAL PROCUREMENT .....</b>	<b>12,782,468</b>	<b>10,458,253</b>

1 **TITLE XLII—RESEARCH, DEVEL-**  
2 **OPMENT, TEST, AND EVALUA-**  
3 **TION**  
4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
5 **TION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY				
BASIC RESEARCH				
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	11,585	11,585
002	0601102A	DEFENSE RESEARCH SCIENCES .....	276,912	276,912
003	0601103A	UNIVERSITY RESEARCH INITIATIVES .....	65,283	65,283
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS .....	92,115	92,115
		SUBTOTAL BASIC RESEARCH .....	445,895	445,895
APPLIED RESEARCH				



**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
*(In Thousands of Dollars)*

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
005	0602105A	MATERIALS TECHNOLOGY .....	28,600	29,600
		Conformal batteries and composite armor .....		[1,000]
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY .....	32,366	36,366
		Expand Army Research lab Open Campus project .....		[4,000]
007	0602122A	TRACTOR HIP .....	8,674	8,674
008	0602126A	TRACTOR JACK .....	400	400
009	0602211A	AVIATION TECHNOLOGY .....	64,847	64,847
010	0602270A	ELECTRONIC WARFARE TECHNOLOGY .....	25,571	25,571
011	0602303A	MISSILE TECHNOLOGY .....	50,183	50,183
012	0602307A	ADVANCED WEAPONS TECHNOLOGY .....	29,502	29,502
013	0602308A	ADVANCED CONCEPTS AND SIMULATION .....	28,500	28,500
014	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY .....	70,450	70,450
015	0602618A	BALLISTICS TECHNOLOGY .....	75,541	75,541
016	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY .....	5,032	5,032
017	0602623A	JOINT SERVICE SMALL ARMS PROGRAM .....	12,394	12,394
018	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY .....	40,444	50,444
		Accelerate Army railgun development and prototyping .....		[10,000]
019	0602705A	ELECTRONICS AND ELECTRONIC DEVICES .....	58,283	58,283
020	0602709A	NIGHT VISION TECHNOLOGY .....	29,582	29,582
021	0602712A	COUNTERMINE SYSTEMS .....	21,244	21,244
022	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY .....	24,131	24,131
023	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY .....	13,242	13,242
024	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY .....	55,003	55,003
025	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY .....	14,958	14,958
026	0602784A	MILITARY ENGINEERING TECHNOLOGY .....	78,159	78,159
027	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....	21,862	21,862
028	0602786A	WARFIGHTER TECHNOLOGY .....	40,566	45,566
		Program increase .....		[5,000]
029	0602787A	MEDICAL TECHNOLOGY .....	90,075	90,075
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>919,609</b>	<b>939,609</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
030	0603001A	WARFIGHTER ADVANCED TECHNOLOGY .....	39,338	39,338
031	0603002A	MEDICAL ADVANCED TECHNOLOGY .....	62,496	62,496
032	0603003A	AVIATION ADVANCED TECHNOLOGY .....	124,958	124,958
033	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY .....	102,686	102,686
034	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY .....	119,739	119,739
035	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY .....	13,000	13,000
036	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY .....	8,044	8,044
037	0603009A	TRACTOR HIKE .....	22,631	22,631
038	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS .....	25,682	25,682
040	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT .....	3,762	3,762
041	0603130A	TRACTOR NAIL .....	4,896	4,896
042	0603131A	TRACTOR EGGS .....	6,041	6,041
043	0603270A	ELECTRONIC WARFARE TECHNOLOGY .....	31,491	31,491
044	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY .....	61,132	71,132
		Shoot-on-the-Move Technology Development for SHORAD platforms ...		[10,000]
045	0603322A	TRACTOR CAGE .....	16,845	16,845
046	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM .....	183,322	188,322
		Enhance and accelerate Army artificial intelligence and machine learning.		[5,000]
047	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY ..	11,104	11,104
048	0603607A	JOINT SERVICE SMALL ARMS PROGRAM .....	5,885	5,885
049	0603710A	NIGHT VISION ADVANCED TECHNOLOGY .....	61,376	58,876
		Program decrease .....		[-2,500]
050	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS ....	9,136	9,136
051	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY .....	25,864	25,864
052	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY .....	34,883	39,883
		Program increase .....		[5,000]
053	0603794A	C3 ADVANCED TECHNOLOGY .....	52,387	49,887
		Program decrease .....		[-2,500]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> .....	<b>1,026,698</b>	<b>1,041,698</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
054	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....	10,777	10,777
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	42,802	43,802
		Redignment of EDI APS Unit Set from OCO to Base .....		[1,000]
057	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV .....	45,254	45,254
058	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV ....	22,700	22,700
059	0603639A	TANK AND MEDIUM CALIBER AMMUNITION .....	41,974	55,974
		Army UPR: test and evaluation of the M999 155mm Anti-Personnel Improved Conventional Munition.		[14,000]
060	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV .....	119,395	119,395
061	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	8,746	8,746
062	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV .....	35,667	35,667

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
063	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....	7,350	7,350
064	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....	14,749	14,749
065	0603790A	NATO RESEARCH AND DEVELOPMENT .....	3,687	3,687
066	0603801A	AVIATION—ADV DEV .....	10,793	10,793
067	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....	14,248	14,248
068	0603807A	MEDICAL SYSTEMS—ADV DEV .....	34,284	34,284
069	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....	18,044	28,044
		Advanced materials research for personal protective equipment (PPE) .....		[10,000]
070	0604017A	ROBOTICS DEVELOPMENT .....	95,660	95,660
071	0604020A	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.	38,000	68,000
		Iron Dome short range air defense experimentation .....		[30,000]
072	0604100A	ANALYSIS OF ALTERNATIVES .....	9,765	9,765
073	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS) .....	12,393	12,393
074	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....	120,374	120,374
075	0604115A	TECHNOLOGY MATURATION INITIATIVES .....	95,347	95,347
076	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	95,085	118,085
		Realignment of EDI APS Unit Set from OCO to Base .....		[23,000]
077	0604118A	TRACTOR BEAM .....	52,894	52,894
079	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	77,939	77,939
080	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC <sup>2</sup> ).	51,030	51,030
081	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....	65,817	65,817
082	1206120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....	146,300	146,300
083	1206308A	ARMY SPACE SYSTEMS INTEGRATION .....	38,319	38,319
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>1,329,393</b>	<b>1,407,393</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
084	0604201A	AIRCRAFT AVIONICS .....	32,293	32,293
085	0604270A	ELECTRONIC WARFARE DEVELOPMENT .....	78,699	78,699
088	0604328A	TRACTOR CAGE .....	17,050	17,050
089	0604601A	INFANTRY SUPPORT WEAPONS .....	83,155	83,155
090	0604604A	MEDIUM TACTICAL VEHICLES .....	3,704	3,704
091	0604611A	JAVELIN .....	10,623	10,623
092	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES .....	11,950	11,950
093	0604633A	AIR TRAFFIC CONTROL .....	12,347	12,347
095	0604642A	LIGHT TACTICAL WHEELED VEHICLES .....	8,212	8,212
096	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....	393,613	393,613
097	0604710A	NIGHT VISION SYSTEMS—ENG DEV .....	139,614	139,614
098	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....	4,507	4,507
099	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV .....	49,436	49,436
100	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	95,172	95,172
101	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....	22,628	22,628
102	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....	13,297	13,297
103	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV .....	9,145	9,145
104	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) .....	9,894	9,894
105	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....	21,964	21,964
106	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....	49,288	49,288
107	0604802A	WEAPONS AND MUNITIONS—ENG DEV .....	183,100	183,100
108	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....	79,706	75,906
		Late MSV-L contract award and concurrency .....		[–3,800]
109	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV ...	15,970	15,970
110	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	44,542	44,542
111	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV .....	50,817	50,817
112	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	178,693	178,693
113	0604820A	RADAR DEVELOPMENT .....	39,338	39,338
114	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) .....	37,851	37,851
115	0604823A	FIREFINDER .....	45,473	45,473
116	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL .....	10,395	10,395
117	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD .....	69,204	55,804
		Program reduction .....		[–13,400]
118	0604854A	ARTILLERY SYSTEMS—EMD .....	1,781	1,781
119	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT .....	113,758	113,758
120	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) .....	166,603	166,603
121	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....	118,239	118,239
122	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	3,211	3,211
123	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC) .....	15,889	15,889
124	0605031A	JOINT TACTICAL NETWORK (JTN) .....	41,972	41,972
125	0605032A	TRACTOR TIRE .....	41,166	41,166
126	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EX-PEDITIONARY (GBOSS-E).	5,175	5,175
127	0605034A	TACTICAL SECURITY SYSTEM (TSS) .....	4,496	4,496

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
128	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	51,178	51,178
129	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD) .....	11,311	11,311
131	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE .....	17,154	17,154
132	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT .....	36,626	36,626
133	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....	3,829	3,829
134	0605047A	CONTRACT WRITING SYSTEM .....	41,928	41,928
135	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM) .....	28,276	28,276
136	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	21,965	21,965
137	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1 .....	157,710	157,710
138	0605053A	GROUND ROBOTICS .....	86,167	86,167
139	0605054A	EMERGING TECHNOLOGY INITIATIVES .....	42,866	68,266
		Army UFR: program increase .....		[25,400]
140	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS) .....	15,984	15,984
141	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	11,773	11,773
142	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD) .....	277,607	277,607
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP) .....	12,340	12,340
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH. ....	2,686	2,686
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT .....	2,706	2,706
147	0303032A	TROJAN—RH12 .....	4,521	4,521
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	8,922	8,922
151	1205117A	TRACTOR BEARS .....	23,170	23,170
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>3,192,689</b>	<b>3,200,889</b>
		<b>RDT&amp;E MANAGEMENT SUPPORT</b>		
152	0604256A	THREAT SIMULATOR DEVELOPMENT .....	12,835	12,835
153	0604258A	TARGET SYSTEMS DEVELOPMENT .....	12,135	12,135
154	0604759A	MAJOR T&E INVESTMENT .....	82,996	82,996
155	0605103A	RAND ARROYO CENTER .....	19,821	19,821
156	0605301A	ARMY KWAJALEIN ATOLL .....	246,574	246,574
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM .....	30,430	30,430
159	0605601A	ARMY TEST RANGES AND FACILITIES .....	305,759	305,759
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS .....	62,379	62,379
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS .....	40,496	40,496
162	0605606A	AIRCRAFT CERTIFICATION .....	3,941	3,941
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....	9,767	9,767
164	0605706A	MATERIEL SYSTEMS ANALYSIS .....	21,226	21,226
165	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	13,026	13,026
166	0605712A	SUPPORT OF OPERATIONAL TESTING .....	52,718	52,718
167	0605716A	ARMY EVALUATION CENTER .....	57,049	57,049
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....	2,801	2,801
169	0605801A	PROGRAMWIDE ACTIVITIES .....	60,942	60,942
170	0605803A	TECHNICAL INFORMATION ACTIVITIES .....	29,050	29,050
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY .....	42,332	42,332
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT .....	3,216	3,216
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA .....	54,145	54,145
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY .....	4,896	4,896
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE .....	63,011	63,011
176	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION .....	2,636	2,636
177	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES .....	88,300	88,300
		<b>SUBTOTAL RDT&amp;E MANAGEMENT SUPPORT</b>	<b>1,322,481</b>	<b>1,322,481</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
181	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM .....	8,886	8,886
182	0603813A	TRACTOR PULL .....	4,067	4,067
183	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT .....	4,254	4,254
184	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS. ....	16,022	16,022
185	0607133A	TRACTOR SMOKE .....	4,577	4,577
186	0607134A	LONG RANGE PRECISION FIRES (LRPP) .....	186,475	186,475
187	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM .....	31,049	31,049
188	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....	35,240	35,240
189	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM .....	157,822	157,822
190	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM .....	4,189	4,189
191	0607139A	IMPROVED TURBINE ENGINE PROGRAM .....	192,637	192,637
194	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT. ....	60,860	60,860
195	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....	52,019	52,019
196	0607665A	FAMILY OF BIOMETRICS .....	2,400	2,400
197	0607865A	PATRIOT PRODUCT IMPROVEMENT .....	65,369	90,369
		Increase PATRIOT improvement efforts .....		[25,000]
198	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE .....	1	1
199	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs). ....	30,954	30,954
200	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS .....	411,927	411,927
202	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....	40,676	40,676

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203	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	17,706	17,706
204	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	146	146
205	0203758A	DIGITIZATION .....	6,316	6,316
206	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	1,643	3,643
		Redignment of EDI APS Unit Set from OCO to Base .....		[2,000]
207	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	4,947	4,947
208	0203808A	TRACTOR CARD .....	34,050	34,050
210	0205410A	MATERIALS HANDLING EQUIPMENT .....	1,464	1,464
211	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	249	249
212	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....	79,283	79,283
213	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....	154,102	154,102
216	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	12,280	12,280
217	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM .....	68,533	68,533
218	0303141A	GLOBAL COMBAT SUPPORT SYSTEM .....	68,619	68,619
220	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM .....	2,034	2,034
223	0305172A	COMBINED ADVANCED APPLICATIONS .....	1,500	1,500
224	0305179A	INTEGRATED BROADCAST SERVICE (IBS) .....	450	450
225	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	6,000	6,000
226	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	12,416	26,416
		Redignment of EDI APS Unit Set from OCO to Base .....		[14,000]
227	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	38,667	38,667
229	0305232A	RQ-11 UAV .....	6,180	6,180
230	0305233A	RQ-7 UAV .....	12,863	12,863
231	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	4,310	4,310
233	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....	53,958	53,958
234	1203142A	SATCOM GROUND ENVIRONMENT (SPACE) .....	12,119	12,119
235	1208053A	JOINT TACTICAL GROUND SYSTEM .....	7,400	7,400
235A	999999999	CLASSIFIED PROGRAMS .....	5,955	5,955
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>1,922,614</b>	<b>1,963,614</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>10,159,379</b>	<b>10,321,579</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>		
		<b>BASIC RESEARCH</b>		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES .....	119,433	129,433
		Defense University Research Instrumentation Program .....		[10,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	19,237	19,237
003	0601153N	DEFENSE RESEARCH SCIENCES .....	458,708	458,708
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>597,378</b>	<b>607,378</b>
		<b>APPLIED RESEARCH</b>		
004	0602114N	POWER PROJECTION APPLIED RESEARCH .....	14,643	14,643
005	0602123N	FORCE PROTECTION APPLIED RESEARCH .....	124,049	124,049
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY .....	59,607	59,607
007	0602235N	COMMON PICTURE APPLIED RESEARCH .....	36,348	41,348
		Enhance and accelerate Navy artificial intelligence research .....		[5,000]
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....	56,197	56,197
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....	83,800	83,800
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH .....	42,998	42,998
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....	6,349	6,349
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH .....	58,049	78,049
		Academic partnerships for undersea unmanned warfare research and energy technology.		[20,000]
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....	147,771	147,771
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH .....	37,545	61,045
		Program increase-one sensor plus integration .....		[23,500]
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH .....	159,697	169,697
		Accelerate Navy railgun development and prototyping .....		[10,000]
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	64,418	64,418
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>891,471</b>	<b>949,971</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
019	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY .....	2,423	2,423
021	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....	150,245	150,245
022	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT .....	13,313	13,313
023	0603671N	NAVY ADVANCED TECHNOLOGY DEVELOPMENT (ATD) .....	131,502	131,502
024	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	232,996	232,996
025	0603680N	MANUFACTURING TECHNOLOGY PROGRAM .....	58,657	58,657
030	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	161,859	181,859
		Accelerate Navy railgun development and prototyping .....		[20,000]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>750,995</b>	<b>770,995</b>

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<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO- TYPES</b>				
031	0603207N	AIR/OCEAN TACTICAL APPLICATIONS .....	29,747	29,747
032	0603216N	AVIATION SURVIVABILITY .....	7,050	7,050
033	0603251N	AIRCRAFT SYSTEMS .....	793	793
034	0603254N	ASW SYSTEMS DEVELOPMENT .....	7,058	12,058
		Prototyping fiber deployment sonobuoy systems .....		[5,000]
035	0603261N	TACTICAL AIRBORNE RECONNAISSANCE .....	3,540	3,540
036	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY .....	59,741	59,741
037	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES .....	62,727	62,727
038	0603506N	SURFACE SHIP TORPEDO DEFENSE .....	8,570	18,570
		Program increase .....		[10,000]
039	0603512N	CARRIER SYSTEMS DEVELOPMENT .....	5,440	5,440
040	0603525N	PILOT FISH .....	162,222	162,222
041	0603527N	RETRACT LARCH .....	11,745	11,745
042	0603536N	RETRACT JUNIPER .....	114,265	114,265
043	0603542N	RADIOLOGICAL CONTROL .....	740	740
044	0603553N	SURFACE ASW .....	1,122	1,122
045	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....	109,086	89,086
		Excessive cost growth .....		[−7,000]
		Prior year inefficiencies impact .....		[−13,000]
046	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS .....	9,374	9,374
047	0603563N	SHIP CONCEPT ADVANCED DESIGN .....	89,419	89,419
048	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....	13,348	13,348
049	0603570N	ADVANCED NUCLEAR POWER SYSTEMS .....	256,137	256,137
050	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS .....	22,109	22,109
051	0603576N	CHALK EAGLE .....	29,744	29,744
052	0603581N	LITTORAL COMBAT SHIP (LCS) .....	27,997	27,997
053	0603582N	COMBAT SYSTEM INTEGRATION .....	16,351	16,351
054	0603595N	OHIO REPLACEMENT .....	514,846	526,846
		Advanced Submarines Control and Precision Propulsion Module Inte- gration.		[12,000]
055	0603596N	LCS MISSION MODULES .....	103,633	103,633
056	0603597N	AUTOMATED TEST AND ANALYSIS .....	7,931	7,931
057	0603599N	FRIGATE DEVELOPMENT .....	134,772	134,772
058	0603609N	CONVENTIONAL MUNITIONS .....	9,307	9,307
060	0603635N	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....	1,828	1,828
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	43,148	43,148
062	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....	5,915	5,915
063	0603721N	ENVIRONMENTAL PROTECTION .....	19,811	24,811
		High-Pressure Waterjet Explosive Ordnance Disposal Technology de- velopment.		[5,000]
064	0603724N	NAVY ENERGY PROGRAM .....	25,656	25,656
065	0603725N	FACILITIES IMPROVEMENT .....	5,301	5,301
066	0603734N	CHALK CORAL .....	267,985	267,985
067	0603739N	NAVY LOGISTIC PRODUCTIVITY .....	4,059	4,059
068	0603746N	RETRACT MAPLE .....	377,878	377,878
069	0603748N	LINK PLUMERIA .....	381,770	381,770
070	0603751N	RETRACT ELM .....	60,535	60,535
073	0603790N	NATO RESEARCH AND DEVELOPMENT .....	9,652	9,652
074	0603795N	LAND ATTACK TECHNOLOGY .....	15,529	15,529
075	0603851M	JOINT NON-LETHAL WEAPONS TESTING .....	27,581	32,581
		Joint service adoption of non-lethal weapon technologies .....		[5,000]
076	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/ VAL.	101,566	101,566
077	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....	223,344	171,344
		Program decrease .....		[−52,000]
078	0604014N	F/A −18 INFRARED SEARCH AND TRACK (IRST) .....	108,700	108,700
079	0604027N	DIGITAL WARFARE OFFICE .....	26,691	26,691
080	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES .....	16,717	16,717
081	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES .....	30,187	30,187
082	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRA- TION.	48,796	48,796
083	0604031N	LARGE UNMANNED UNDERSEA VEHICLES .....	92,613	71,413
		Excessive Snakehead LDUUV growth .....		[−21,200]
084	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	58,121	73,121
		EMALS software support activity .....		[15,000]
086	0604126N	LITTORAL AIRBORNE MCM .....	17,622	17,622
087	0604127N	SURFACE MINE COUNTERMEASURES .....	18,154	18,154
088	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	47,278	47,278
090	0604289M	NEXT GENERATION LOGISTICS .....	11,081	11,081
092	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....	7,107	7,107
093	0604454N	LX (R) .....	5,549	5,549
094	0604536N	ADVANCED UNDERSEA PROTOTYPING .....	87,669	87,669
095	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....	132,818	132,818
096	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/EN- GINEERING SUPPORT.	7,230	7,230

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
097	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	143,062	143,062
099	0303354N	ASW SYSTEMS DEVELOPMENT—MIP .....	8,889	8,889
100	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	25,291	10,341
		Unjustified cost growth .....		[−14,950]
101	0304240N	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	9,300	9,300
102	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP .....	466	466
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>4,293,713</b>	<b>4,237,563</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
103	0603208N	TRAINING SYSTEM AIRCRAFT .....	12,798	13,798
		TH-57 follow-on training system development .....		[1,000]
104	0604212N	OTHER HELO DEVELOPMENT .....	32,128	32,128
105	0604214M	AV-8B AIRCRAFT—ENG DEV .....	46,363	46,363
107	0604215N	STANDARDS DEVELOPMENT .....	3,771	3,771
108	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....	16,611	16,611
109	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING .....	17,368	17,368
110	0604221N	P-3 MODERNIZATION PROGRAM .....	2,134	2,134
111	0604230N	WARFARE SUPPORT SYSTEM .....	9,729	9,729
112	0604231N	TACTICAL COMMAND SYSTEM .....	57,688	57,688
113	0604234N	ADVANCED HAWKEYE .....	223,565	215,565
		Forward financed in the FY18 Omnibus .....		[−10,000]
		Program increase—IFF range improvement .....		[2,000]
114	0604245M	H-1 UPGRADES .....	58,097	58,097
116	0604261N	ACOUSTIC SEARCH SENSORS .....	42,485	42,485
117	0604262N	V-22A .....	143,079	143,079
118	0604264N	AIR CREW SYSTEMS DEVELOPMENT .....	20,980	20,980
119	0604269N	EA-18 .....	147,419	147,419
120	0604270N	ELECTRONIC WARFARE DEVELOPMENT .....	89,824	121,424
		Navy UFR: EA-18G offensive airborne electronic attack special mission pods.		[31,600]
121	0604273M	EXECUTIVE HELO DEVELOPMENT .....	245,064	245,064
123	0604274N	NEXT GENERATION JAMMER (NGJ) .....	459,529	459,529
124	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....	3,272	3,272
125	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	115,253	115,253
126	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....	397,403	377,403
		ACB 20 unexecutable growth .....		[−20,000]
127	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION .....	939	939
128	0604329N	SMALL DIAMETER BOMB (SDB) .....	104,448	104,448
129	0604366N	STANDARD MISSILE IMPROVEMENTS .....	165,881	180,881
		XFU electronics unit integration .....		[15,000]
130	0604373N	AIRBORNE MCM .....	10,831	10,831
131	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	33,429	26,529
		Excess overhead .....		[−6,900]
132	0604501N	ADVANCED ABOVE WATER SENSORS .....	35,635	35,635
133	0604503N	SSN-688 AND TRIDENT MODERNIZATION .....	126,932	126,932
134	0604504N	AIR CONTROL .....	62,448	62,448
135	0604512N	SHIPBOARD AVIATION SYSTEMS .....	9,710	9,710
136	0604518N	COMBAT INFORMATION CENTER CONVERSION .....	19,303	19,303
137	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....	27,059	27,059
138	0604530N	ADVANCED ARRESTING GEAR (AAG) .....	184,106	184,106
139	0604558N	NEW DESIGN SSN .....	148,233	126,833
		Excess cost growth .....		[−21,400]
140	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM .....	60,824	60,824
141	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....	60,062	60,062
142	0604574N	NAVY TACTICAL COMPUTER RESOURCES .....	4,642	4,642
144	0604601N	MINE DEVELOPMENT .....	25,756	25,756
145	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT .....	95,147	95,147
146	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	7,107	7,107
147	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS ....	6,539	6,539
148	0604727N	JOINT STANDOFF WEAPON SYSTEMS .....	441	441
149	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	180,391	180,391
150	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....	178,538	178,538
151	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....	120,507	120,507
152	0604761N	INTELLIGENCE ENGINEERING .....	29,715	29,715
153	0604771N	MEDICAL DEVELOPMENT .....	8,095	8,095
154	0604777N	NAVIGATION/ID SYSTEM .....	121,026	121,026
155	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD .....	66,566	66,566
156	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD .....	65,494	65,494
159	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT .....	14,005	14,005
160	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT .....	268,567	268,567
161	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT .....	5,618	5,618
162	0605212M	CH-53K RDTE .....	326,945	326,945
164	0605215N	MISSION PLANNING .....	32,714	32,714
165	0605217N	COMMON AVIONICS .....	51,486	51,486
166	0605220N	SHIP TO SHORE CONNECTOR (SSC) .....	1,444	1,444
167	0605327N	T-AO 205 CLASS .....	1,298	1,298

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168	0605414N	UNMANNED CARRIER AVIATION (UCA) .....	718,942	602,042
		Insufficient Air Vehicle budget justification .....		[-116,900]
169	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	6,759	11,759
		JAGM-F for USN and USMC .....		[5,000]
171	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA) .....	37,296	37,296
172	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III .....	160,389	160,389
173	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	98,223	98,223
174	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	2,260	2,260
175	0204202N	DDG-1000 .....	161,264	161,264
180	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS .....	44,098	44,098
182	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	6,808	6,808
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>6,042,480</b>	<b>5,921,880</b>
		<b>MANAGEMENT SUPPORT</b>		
183	0604256N	THREAT SIMULATOR DEVELOPMENT .....	94,576	94,576
184	0604258N	TARGET SYSTEMS DEVELOPMENT .....	10,981	10,981
185	0604759N	MAJOR T&E INVESTMENT .....	77,014	83,014
		Program increase .....		[6,000]
186	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION ...	48	48
187	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY .....	3,942	3,942
188	0605154N	CENTER FOR NAVAL ANALYSES .....	48,797	48,797
189	0605285N	NEXT GENERATION FIGHTER .....	5,000	5,000
191	0605804N	TECHNICAL INFORMATION SERVICES .....	1,029	1,029
192	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....	87,565	87,565
193	0605856N	STRATEGIC TECHNICAL SUPPORT .....	4,231	4,231
194	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT .....	1,072	1,072
195	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT .....	97,471	97,471
196	0605864N	TEST AND EVALUATION SUPPORT .....	373,834	373,834
197	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY .....	21,554	21,554
198	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....	16,227	16,227
200	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT .....	24,303	24,303
201	0605898N	MANAGEMENT HQ—R&D .....	43,262	43,262
202	0606355N	WARFARE INNOVATION MANAGEMENT .....	41,918	41,918
203	0606942M	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ...	7,000	7,000
204	0606942N	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ...	48,800	48,800
205	0305327N	INSIDER THREAT .....	1,682	1,682
206	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	1,579	1,579
208	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....	8,684	8,684
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>1,020,569</b>	<b>1,026,569</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
210	0604227N	HARPOON MODIFICATIONS .....	5,426	5,426
211	0604840M	F-35 C2D2 .....	259,122	259,122
212	0604840N	F-35 C3D2 .....	252,360	252,360
213	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....	130,515	119,315
		Excess cost growth .....		[-11,200]
214	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL .....	3,127	3,127
215	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....	157,679	166,679
		Project 2228, technical applications, systems engineering modeling and simulation capability and tool development.		[9,000]
216	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM .....	43,198	39,198
		Excess program growth .....		[-4,000]
217	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....	11,311	11,311
218	0101402N	NAVY STRATEGIC COMMUNICATIONS .....	39,313	39,313
219	0204136N	F/A-18 SQUADRONS .....	193,086	200,586
		Engine noise reduction engineering .....		[2,500]
		JAGM-F for USN and USMC .....		[5,000]
220	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL) .....	25,014	25,014
221	0204228N	SURFACE SUPPORT .....	11,661	11,661
222	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	282,395	282,395
223	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	36,959	36,959
224	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS .....	15,454	15,454
225	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	6,073	6,073
226	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	45,029	45,029
227	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....	104,903	104,903
228	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	4,544	4,544
229	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT .....	66,889	66,889
230	0205601N	HARM IMPROVEMENT .....	120,762	120,762
231	0205604N	TACTICAL DATA LINKS .....	104,696	104,696
232	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION .....	28,421	28,421
233	0205632N	MK-48 ADCAP .....	94,155	68,555
		Excessive TI-1 cost growth .....		[-25,600]

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234	0205633N	AVIATION IMPROVEMENTS .....	121,805	136,805
		Navy UFR: F/A-18E/F Super Hornet engine enhancements .....		[15,000]
235	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS .....	117,028	117,028
236	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	174,779	174,779
237	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...	4,826	4,826
238	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS .....	97,152	97,152
239	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT .....	30,156	30,156
240	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...	39,976	39,976
241	0206629M	AMPHIBIOUS ASSAULT VEHICLE .....	22,637	22,637
242	0207161N	TACTICAL AIM MISSILES .....	40,121	40,121
243	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	32,473	32,473
249	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES) .....	23,697	23,697
250	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM .....	44,228	44,228
252	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....	6,081	6,081
253	0305204N	TACTICAL UNMANNED AERIAL VEHICLES .....	8,529	8,529
254	0305205N	UAS INTEGRATION AND INTEROPERABILITY .....	41,212	41,212
255	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	7,687	7,687
256	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	42,846	42,846
257	0305220N	MQ-4C TRITON .....	14,395	14,395
258	0305231N	MQ-8 UAV .....	9,843	9,843
259	0305232M	RQ-11 UAV .....	524	524
260	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLo) .....	5,360	5,360
261	0305239M	RQ-21A .....	10,914	10,914
262	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....	81,231	81,231
263	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....	5,956	5,956
264	0305421N	RQ-4 MODERNIZATION .....	219,894	216,894
		Program decrease .....		[-3,000]
265	0308601N	MODELING AND SIMULATION SUPPORT .....	7,097	7,097
266	0702207N	DEPOT MAINTENANCE (NON-IF) .....	36,560	36,560
267	0708730N	MARITIME TECHNOLOGY (MARITECH) .....	7,284	7,284
268	1203109N	SATELLITE COMMUNICATIONS (SPACE) .....	39,174	39,174
268A	999999999	CLASSIFIED PROGRAMS .....	1,549,503	1,549,503
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>4,885,060</b>	<b>4,872,760</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>18,481,666</b>	<b>18,387,116</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>		
		<b>BASIC RESEARCH</b>		
001	0601102F	DEFENSE RESEARCH SCIENCES .....	348,322	348,322
002	0601103F	UNIVERSITY RESEARCH INITIATIVES .....	154,991	154,991
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES .....	14,506	14,506
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>517,819</b>	<b>517,819</b>
		<b>APPLIED RESEARCH</b>		
004	0602102F	MATERIALS .....	125,373	144,373
		Additional facility engineering research and development .....		[3,000]
		Structural Biology Techniques .....		[3,000]
		Sub-atomic particle research .....		[3,000]
		Thermal protecting systems for hypersonics .....		[10,000]
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES .....	130,547	140,547
		Hypersonic vehicle structures .....		[10,000]
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH .....	112,518	112,518
007	0602203F	AEROSPACE PROPULSION .....	190,919	195,919
		Program increase .....		[5,000]
008	0602204F	AEROSPACE SENSORS .....	166,534	166,534
009	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD-QUARTERS ACTIVITIES. ....	8,288	8,288
011	0602602F	CONVENTIONAL MUNITIONS .....	112,841	112,841
012	0602605F	DIRECTED ENERGY TECHNOLOGY .....	141,898	141,898
013	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS .....	162,420	172,420
		Enhance and accelerate Air Force artificial intelligence research .....		[10,000]
014	0602890F	HIGH ENERGY LASER RESEARCH .....	43,359	43,359
015	1206601F	SPACE TECHNOLOGY .....	117,645	117,645
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>1,312,342</b>	<b>1,356,342</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
016	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS .....	34,426	44,426
		Metals Affordability Initiative .....		[10,000]
017	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) .....	15,150	20,150
		Air Force artificial intelligence research and non-operational support activities. ....		[5,000]
018	0603203F	ADVANCED AEROSPACE SENSORS .....	39,968	39,968
019	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO .....	121,002	121,002
020	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY .....	115,462	125,462
		Laser power system enhancement .....		[10,000]
021	0603270F	ELECTRONIC COMBAT TECHNOLOGY .....	55,319	55,319



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022	0603401F	ADVANCED SPACECRAFT TECHNOLOGY .....	54,895	54,895
023	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS) .....	10,674	10,674
024	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT. Autonomous life support system development .....	36,463	46,463 [10,000]
025	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY .....	194,981	194,981
026	0603605F	ADVANCED WEAPONS TECHNOLOGY .....	43,368	43,368
027	0603680F	MANUFACTURING TECHNOLOGY PROGRAM .....	42,025	47,025
		Academic and industrial partnerships for aerospace materials .....		[5,000]
028	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION. Additional facility engineering research and development .....	51,064	64,364 [8,300]
		Enhance and accelerate Air Force artificial intelligence research .....		[5,000]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>814,797</b>	<b>868,097</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
030	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT .....	5,568	5,568
032	0603742F	COMBAT IDENTIFICATION TECHNOLOGY .....	18,194	18,194
033	0603790F	NATO RESEARCH AND DEVELOPMENT .....	2,305	2,305
035	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....	41,856	41,856
037	0604015F	LONG RANGE STRIKE—BOMBER .....	2,314,196	2,314,196
038	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	14,894	14,894
039	0604257F	ADVANCED TECHNOLOGY AND SENSORS .....	34,585	34,585
040	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....	9,740	9,740
041	0604317F	TECHNOLOGY TRANSFER .....	12,960	12,960
042	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM. CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....	71,501	71,501 62,618
043	0604414F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	28,350	28,350
046	0604776F	TECH TRANSITION PROGRAM .....	1,186,075	1,201,075
048	0604858F	Competitively Awarded Transition Programs .....		[5,000]
		Non-engine development technology .....		[10,000]
049	0605230F	GROUND BASED STRATEGIC DETERRENT .....	345,041	414,441
		Accelerated execution of program .....		[69,400]
050	0207110F	NEXT GENERATION AIR DOMINANCE .....	503,997	413,997
		Ahead of need .....		[-90,000]
051	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....	40,326	40,326
052	0208099F	UNIFIED PLATFORM (UP) .....	29,800	29,800
054	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....	41,880	41,880
055	0305601F	MISSION PARTNER ENVIRONMENTS .....	10,074	10,074
056	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	253,825	253,825
057	0306415F	ENABLED CYBER ACTIVITIES .....	16,325	16,325
059	0904140F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....	17,577	17,577
060	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE). EO/IR WEATHER SYSTEMS .....	286,629	286,629 7,940
061	1203710F	WEATHER SYSTEM FOLLOW-ON .....	138,052	148,052
062	1206422F	Commercial weather data pilot .....		[10,000]
063	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	39,338	39,338
064	1206434F	MIDTERM POLAR MILSATCOM SYSTEM .....	383,113	383,113
065	1206438F	SPACE CONTROL TECHNOLOGY .....	91,018	106,018
		NTS-3 Payload .....		[15,000]
066	1206730F	SPACE SECURITY AND DEFENSE PROGRAM .....	45,542	49,542
		Allied launch services .....		[4,000]
067	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....	51,419	51,419
068	1206761F	PROTECTED TACTICAL SERVICE (PTS) .....	29,776	29,776
069	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED .....	29,379	29,379
070	1206857F	OPERATIONALLY RESPONSIVE SPACE .....	366,050	247,050
		Space RCO Advanced Solar Power—early to need .....		[-119,000]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>6,529,943</b>	<b>6,434,343</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
071	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....	39,602	39,602
072	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	58,531	58,531
073	0604222F	NUCLEAR WEAPONS SUPPORT .....	4,468	4,468
074	0604270F	ELECTRONIC WARFARE DEVELOPMENT .....	1,909	1,909
075	0604281F	TACTICAL DATA NETWORKS ENTERPRISE .....	207,746	207,746
076	0604287F	PHYSICAL SECURITY EQUIPMENT .....	14,421	14,421
077	0604329F	SMALL DIAMETER BOMB (SDB)—EMD .....	73,158	93,158
		SDB II cost reduction initiatives .....		[20,000]
081	0604429F	AIRBORNE ELECTRONIC ATTACK .....	7,153	7,153
083	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT .....	58,590	58,590
084	0604604F	SUBMUNITIONS .....	2,990	2,990
085	0604617F	AGILE COMBAT SUPPORT .....	20,028	20,028
086	0604618F	JOINT DIRECT ATTACK MUNITION .....	15,787	15,787
087	0604706F	LIFE SUPPORT SYSTEMS .....	8,919	8,919

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
088	0604735F	COMBAT TRAINING RANGES .....	35,895	62,895
		Advanced threat radar system .....		[27,000]
089	0604800F	F-35—EMD .....	69,001	69,001
091	0604932F	LONG RANGE STANDOFF WEAPON .....	614,920	699,920
		Accelerated execution of program .....		[85,000]
092	0604933F	ICBM FUZE MODERNIZATION .....	172,902	172,902
097	0605221F	KC-46 .....	88,170	88,170
098	0605223F	ADVANCED PILOT TRAINING .....	265,465	265,465
099	0605229F	COMBAT RESCUE HELICOPTER .....	457,652	457,652
105	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT .....	3,617	3,617
106	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM .....	261,758	261,758
107	0101125F	NUCLEAR WEAPONS MODERNIZATION .....	91,907	91,907
108	0207171F	F-15 EPAWSS .....	137,095	137,095
109	0207328F	STAND IN ATTACK WEAPON .....	43,175	43,175
110	0207423F	ADVANCED COMMUNICATIONS SYSTEMS .....	14,888	14,888
111	0207701F	FULL COMBAT MISSION TRAINING .....	1,015	1,015
115	0307581F	JSTARS RECAP .....		623,000
		JSTARS recap EMD execution .....		[623,000]
116	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....	7,943	7,943
117	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR) .....	673,032	673,032
118	0701212F	AUTOMATED TEST SYSTEMS .....	13,653	13,653
119	1203176F	COMBAT SURVIVOR EVADER LOCATOR .....	939	939
120	1203269F	GPS IIC .....	451,889	451,889
121	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	46,668	46,668
122	1206421F	COUNTERSPACE SYSTEMS .....	20,676	20,676
123	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	134,463	134,463
124	1206426F	SPACE FENCE .....	20,215	20,215
125	1206431F	ADVANCED EHF MILSATCOM (SPACE) .....	151,506	151,506
126	1206432F	POLAR MILSATCOM (SPACE) .....	27,337	27,337
127	1206433F	WIDEBAND GLOBAL SATCOM (SPACE) .....	3,970	3,970
128	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD .....	60,565	60,565
129	1206442F	EVOLVED SBIRS .....	643,126	643,126
130	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD.	245,447	245,447
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>5,272,191</b>	<b>6,027,191</b>
		<b>MANAGEMENT SUPPORT</b>		
131	0604256F	THREAT SIMULATOR DEVELOPMENT .....	34,256	34,256
132	0604759F	MAJOR T&E INVESTMENT .....	91,844	91,844
133	0605101F	RAND PROJECT AIR FORCE .....	34,614	34,614
135	0605712F	INITIAL OPERATIONAL TEST & EVALUATION .....	18,043	18,043
136	0605807F	TEST AND EVALUATION SUPPORT .....	692,784	724,684
		Test range modernization .....		[31,900]
137	0605826F	ACQ WORKFORCE- GLOBAL POWER .....	233,924	233,924
138	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS .....	263,488	263,488
139	0605828F	ACQ WORKFORCE- GLOBAL REACH .....	153,591	153,591
140	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS .....	232,315	232,315
141	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT .....	169,868	169,868
142	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION .....	226,219	226,219
143	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....	38,400	38,400
144	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS .....	125,761	125,761
147	0605898F	MANAGEMENT HQ—R&D .....	10,642	10,642
148	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	162,216	162,216
149	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	28,888	28,888
150	0606017F	REQUIREMENTS ANALYSIS AND MATURATION .....	35,285	35,285
153	0308602F	ENTEPRISE INFORMATION SERVICES (EIS) .....	20,545	20,545
154	0702806F	ACQUISITION AND MANAGEMENT SUPPORT .....	12,367	12,367
155	0804731F	GENERAL SKILL TRAINING .....	1,448	1,448
157	1001004F	INTERNATIONAL ACTIVITIES .....	3,998	3,998
158	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT .....	23,254	23,254
159	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE .....	169,912	169,912
160	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA .....	10,508	10,508
161	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....	19,721	29,721
		Rocket systems launch program .....		[10,000]
162	1206864F	SPACE TEST PROGRAM (STP) .....	25,620	75,620
		Blackjack project .....		[50,000]
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>2,839,511</b>	<b>2,931,411</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
165	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....	11,344	11,344
167	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) .....	47,287	47,287
168	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....	32,770	32,770
169	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....	68,368	68,368
170	0605278F	HC/MC-130 RECAP RDT&E .....	32,574	32,574
171	0606018F	NC3 INTEGRATION .....	26,112	26,112
172	0606942F	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ....	99,100	99,100

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
173	0101113F	B-52 SQUADRONS .....	280,414	295,114
		Technical adjustment .....		[14,700]
174	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM) .....	5,955	5,955
175	0101126F	B-1B SQUADRONS .....	76,030	76,030
176	0101127F	B-2 SQUADRONS .....	105,561	105,561
177	0101213F	MINUTEMAN SQUADRONS .....	156,047	156,047
179	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....	10,442	10,442
180	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK .....	22,833	22,833
181	0101328F	ICBM REENTRY VEHICLES .....	18,412	18,412
183	0102110F	UH-1N REPLACEMENT PROGRAM .....	288,022	288,022
184	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM .....	9,252	9,252
186	0205219F	MQ-9 UAV .....	115,345	115,345
188	0207131F	A-10 SQUADRONS .....	26,738	26,738
189	0207133F	F-16 SQUADRONS .....	191,564	191,564
190	0207134F	F-15E SQUADRONS .....	192,883	242,883
		ALQ-128 EW suite for ANG units .....		[50,000]
191	0207136F	MANNED DESTRUCTIVE SUPPRESSION .....	15,238	15,238
192	0207138F	F-22A SQUADRONS .....	603,553	583,853
		Program reduction .....		[-19,700]
193	0207142F	F-35 SQUADRONS .....	549,501	549,501
194	0207161F	TACTICAL AIM MISSILES .....	37,230	37,230
195	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	61,393	61,393
196	0207227F	COMBAT RESCUE—PARARESCUE .....	647	647
198	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT .....	14,891	14,891
199	0207253F	COMPASS CALL .....	13,901	13,901
200	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	121,203	121,203
202	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	60,062	60,062
203	0207410F	AIR & SPACE OPERATIONS CENTER (AOC) .....	106,102	79,602
		Unjustified request .....		[-26,500]
204	0207412F	CONTROL AND REPORTING CENTER (CRC) .....	6,413	6,413
205	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....	120,664	78,864
		Program reduction .....		[-5,800]
		Radar controller program delay .....		[-36,000]
206	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS .....	2,659	2,659
208	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....	10,316	10,316
209	0207444F	TACTICAL AIR CONTROL PARTY-MOD .....	6,149	6,149
210	0207448F	C2ISR TACTICAL DATA LINK .....	1,738	1,738
211	0207452F	DCAPES .....	13,297	13,297
212	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS .....	1,788	1,788
213	0207581F	JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM (JSTARS) .....	14,888	14,888
214	0207590F	SEEK EAGLE .....	24,699	24,699
215	0207601F	USAF MODELING AND SIMULATION .....	17,078	17,078
216	0207605F	WARGAMING AND SIMULATION CENTERS .....	6,141	6,141
218	0207697F	DISTRIBUTED TRAINING AND EXERCISES .....	4,225	4,225
219	0208006F	MISSION PLANNING SYSTEMS .....	63,653	63,653
220	0208007F	TACTICAL DECEPTION .....	6,949	6,949
221	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	40,526	40,526
222	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS .....	24,166	24,166
223	0208097F	JOINT CYBER COMMAND AND CONTROL (JCC2) .....	13,000	13,000
224	0208099F	UNIFIED PLATFORM (UP) .....	28,759	28,759
229	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	3,579	3,579
230	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....	29,620	29,620
237	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS .....	6,633	6,633
238	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....	57,758	57,758
240	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) .....	99,088	99,088
241	0303133F	HIGH FREQUENCY RADIO SYSTEMS .....	51,612	51,612
242	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM .....	34,612	34,612
244	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....	2,170	2,170
246	0304260F	AIRBORNE SIGINT ENTERPRISE .....	106,873	109,873
		SIGINT single-pod development .....		[3,000]
247	0304310F	COMMERCIAL ECONOMIC ANALYSIS .....	3,472	3,472
250	0305015F	C2 AIR OPERATIONS SUITE—C2 INFO SERVICES .....	8,608	8,608
251	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....	1,586	1,586
252	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....	4,492	4,492
254	0305111F	WEATHER SERVICE .....	26,942	26,942
255	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS) .....	6,271	8,771
		Augmentation of air surveillance and early warning radar systems .....		[2,500]
256	0305116F	AERIAL TARGETS .....	8,383	8,383
259	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES .....	418	418
261	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....	3,845	3,845
268	0305202F	DRAGON U-2 .....	48,518	65,518
		EO/IR sensor upgrades .....		[17,000]
270	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS .....	175,334	175,334

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		<i>Gorgon Stare</i> .....		[10,800]
		<i>Program reduction</i> .....		[-10,800]
271	0305207F	MANNED RECONNAISSANCE SYSTEMS .....	14,223	14,223
272	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	24,554	24,554
273	0305220F	RQ-4 UAV .....	221,690	211,890
		<i>RQ-4 infrastructure unjustified request</i> .....		[-9,800]
274	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING .....	14,288	14,288
275	0305238F	NATO AGS .....	51,527	51,527
276	0305240F	SUPPORT TO DCGS ENTERPRISE .....	26,579	26,579
278	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES .....	8,464	8,464
280	0305881F	RAPID CYBER ACQUISITION .....	4,303	4,303
284	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....	2,466	2,466
285	0307577F	INTELLIGENCE MISSION DATA (IMD) .....	4,117	4,117
287	0401115F	C-130 AIRLIFT SQUADRON .....	105,988	105,988
288	0401119F	C-5 AIRLIFT SQUADRONS (IF) .....	25,071	25,071
289	0401130F	C-17 AIRCRAFT (IF) .....	48,299	48,299
290	0401132F	C-130J PROGRAM .....	15,409	15,409
291	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCIM) .....	4,334	4,334
292	0401218F	KC-135S .....	3,493	3,493
293	0401219F	KC-108 .....	6,569	6,569
294	0401314F	OPERATIONAL SUPPORT AIRLIFT .....	3,172	3,172
295	0401318F	CV-22 .....	18,502	18,502
296	0401840F	AMC COMMAND AND CONTROL SYSTEM .....	1,688	1,688
297	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	2,541	2,541
298	0702207F	DEPOT MAINTENANCE (NON-IP) .....	1,897	1,897
299	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....	50,933	50,933
300	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....	13,787	13,787
301	0708611F	SUPPORT SYSTEMS DEVELOPMENT .....	4,497	4,497
302	0804743F	OTHER FLIGHT TRAINING .....	2,022	2,022
303	0808716F	OTHER PERSONNEL ACTIVITIES .....	108	108
304	0901202F	JOINT PERSONNEL RECOVERY AGENCY .....	2,023	2,023
305	0901218F	CIVILIAN COMPENSATION PROGRAM .....	3,772	3,772
306	0901220F	PERSONNEL ADMINISTRATION .....	6,358	6,358
307	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY .....	1,418	1,418
308	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT .....	99,734	99,734
309	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....	14,161	14,161
310	1202247F	AF TENCAP .....	26,986	26,986
311	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....	80,168	80,168
312	1203110F	SATELLITE CONTROL NETWORK (SPACE) .....	17,808	17,808
314	1203165F	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS) .....	8,937	8,937
315	1203173F	SPACE AND MISSILE TEST AND EVALUATION CENTER .....	59,935	59,935
316	1203174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT .....	21,019	21,019
317	1203179F	INTEGRATED BROADCAST SERVICE (IBS) .....	8,568	8,568
318	1203182F	SPACELIFT RANGE SYSTEM (SPACE) .....	10,641	10,641
319	1203265F	GPS III SPACE SEGMENT .....	144,543	144,543
320	1203400F	SPACE SUPERIORITY INTELLIGENCE .....	16,278	16,278
321	1203614F	JSPOC MISSION SYSTEM .....	72,256	72,256
322	1203620F	NATIONAL SPACE DEFENSE CENTER .....	42,209	42,209
325	1203913F	NUDET DETECTION SYSTEM (SPACE) .....	19,778	19,778
326	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	19,572	19,572
327	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT .....	513,235	513,235
327A	999999999	CLASSIFIED PROGRAMS .....	16,534,124	16,390,224
		<i>Classified adjustment</i> .....		[-40,000]
		<i>Forward financed in the FY18 Omnibus</i> .....		[-89,900]
		<i>PDSA staff reduction</i> .....		[-14,000]
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>22,891,740</b>	<b>22,737,240</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>40,178,343</b>	<b>40,872,443</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>		
		<b>BASIC RESEARCH</b>		
001	0601000BR	DTRA BASIC RESEARCH .....	37,023	37,023
002	0601101E	DEFENSE RESEARCH SCIENCES .....	422,130	416,130
		<i>Program decrease</i> .....		[-6,000]
003	0601110D8Z	BASIC RESEARCH INITIATIVES .....	42,702	42,702
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....	47,825	47,825
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM .....	85,919	85,919
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS .....	30,412	40,412
		<i>Program increase</i> .....		[10,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	42,103	42,103
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>708,114</b>	<b>712,114</b>

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
<b>APPLIED RESEARCH</b>				
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY .....	19,170	19,170
009	0602115E	BIOMEDICAL TECHNOLOGY .....	101,300	101,300
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM .....	51,596	51,596
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	60,688	60,688
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY .....	395,317	395,317
014	0602383E	BIOLOGICAL WARFARE DEFENSE .....	38,640	38,640
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	192,674	192,674
016	0602668D8Z	CYBER SECURITY RESEARCH .....	14,969	14,969
017	0602702E	TACTICAL TECHNOLOGY .....	335,466	335,466
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY .....	226,898	226,898
019	0602716E	ELECTRONICS TECHNOLOGY .....	333,847	333,847
020	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	161,151	161,151
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	9,300	9,300
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT .....	35,921	35,921
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>1,976,937</b>	<b>1,976,937</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY .....	25,598	25,598
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	125,271	125,271
025	0603133D8Z	FOREIGN COMPARATIVE TESTING .....	24,532	24,532
027	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	299,858	299,858
028	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....	13,017	13,017
029	0603178C	WEAPONS TECHNOLOGY .....		10,000
		Accelerate hypersonic defense capability .....		[10,000]
031	0603180C	ADVANCED RESEARCH .....	20,365	40,365
		Accelerate hypersonic defense capability .....		[20,000]
032	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT .....	18,644	18,644
034	0603286E	ADVANCED AEROSPACE SYSTEMS .....	277,603	277,603
035	0603287E	SPACE PROGRAMS AND TECHNOLOGY .....	254,671	254,671
036	0603288D8Z	ANALYTIC ASSESSMENTS .....	19,472	19,472
037	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....	37,263	37,263
038	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....	13,621	13,621
039	0603294C	COMMON KILL VEHICLE TECHNOLOGY .....	189,753	100,753
		Early to need .....		[−89,000]
040	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX) .....	29,364	29,364
041	0603375D8Z	TECHNOLOGY INNOVATION .....	83,143	83,143
042	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	142,826	142,826
043	0603527D8Z	RETRACT LARCH .....	161,128	161,128
044	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY .....	12,918	12,918
045	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....	106,049	106,049
046	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES .....	12,696	12,696
047	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	114,637	114,637
048	0603680S	MANUFACTURING TECHNOLOGY PROGRAM .....	49,667	49,667
049	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT .....	48,338	48,338
050	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS .....	11,778	11,778
052	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	76,514	76,514
053	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	168,931	168,931
054	0603727D8Z	JOINT WARFIGHTING PROGRAM .....	5,992	5,992
055	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES .....	111,099	111,099
056	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....	185,984	185,984
057	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY .....	438,569	438,569
058	0603767E	SENSOR TECHNOLOGY .....	190,128	190,128
059	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	13,564	13,564
060	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE .....	15,050	15,050
061	0603826D8Z	QUICK REACTION SPECIAL PROJECTS .....	69,626	69,626
062	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY .....	19,415	19,415
063	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM .....	69,533	69,533
064	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY .....	96,389	96,389
065	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....	40,582	40,582
066	0303310D8Z	CWMD SYSTEMS .....	26,644	26,644
067	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT .....	79,380	79,380
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>	<b>3,699,612</b>	<b>3,640,612</b>
<b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>				
068	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	28,140	28,140
069	0603600D8Z	WALKOFF .....	92,222	92,222

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
*(In Thousands of Dollars)*

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
070	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES ....	2,506	2,506
071	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	40,016	40,016
072	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..	214,173	359,173
		Accelerate USFK JEON delivery .....		[100,000]
		Address cyber threats .....		[45,000]
073	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	926,359	726,359
		Address cyber threats .....		[8,000]
		Forward financed in the FY18 Omnibus .....		[-208,000]
074	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL ....	129,886	129,886
075	0603884C	BALLISTIC MISSILE DEFENSE SENSORS .....	220,876	245,876
		Accelerate USFK JEON delivery .....		[20,000]
		Address cyber threats .....		[5,000]
076	0603890C	BMD ENABLING PROGRAMS .....	540,926	540,926
077	0603891C	SPECIAL PROGRAMS—MDA .....	422,348	422,348
078	0603892C	AEGIS BMD .....	767,539	767,539
081	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	475,168	483,168
		Address cyber threats .....		[8,000]
082	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...	48,767	48,767
083	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	54,925	54,925
084	0603906C	REGARDING TRENCH .....	16,916	16,916
085	0603907C	SEA BASED X-BAND RADAR (SBX) .....	149,715	116,715
		Forward financed in the FY18 Omnibus .....		[-33,000]
086	0603913C	ISRAELI COOPERATIVE PROGRAMS .....	300,000	300,000
087	0603914C	BALLISTIC MISSILE DEFENSE TEST .....	365,681	430,681
		Accelerate USFK JEON delivery .....		[50,000]
		Address cyber threats .....		[15,000]
088	0603915C	BALLISTIC MISSILE DEFENSE TARGETS .....	517,852	491,352
		Accelerate USFK JEON delivery .....		[4,500]
		Address cyber threats .....		[5,000]
		Forward financed in the FY18 Omnibus .....		[-36,000]
089	0603920D8Z	HUMANITARIAN DEMINING .....	11,347	11,347
090	0603923D8Z	COALITION WARFARE .....	8,528	8,528
091	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM .....	3,477	3,477
092	0604115C	TECHNOLOGY MATURATION INITIATIVES .....	148,822	203,822
		Address cyber threats .....		[5,000]
		Continue directed energy and boost phase intercept efforts .....		[50,000]
093	0604132D8Z	MISSILE DEFEAT PROJECT .....	58,607	58,607
094	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	12,993	12,993
095	0604181C	HYPersonic DEFENSE .....	120,444	130,444
		Accelerate hypersonic defense capability .....		[10,000]
096	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES .....	1,431,702	1,381,702
		Program reduction .....		[-50,000]
097	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	233,142	233,142
098	0604331D8Z	RAPID PROTOTYPING PROGRAM .....	99,333	99,333
098A	0604342D8Z	DEFENSE TECHNOLOGY OFFSET .....		100,000
		Directed energy .....		[100,000]
099	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,781	3,781
100	0604673C	PACIFIC DISCRIMINATING RADAR .....	95,765	95,765
101	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) ....	3,768	3,768
103	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	22,435	22,435
104	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) .....	164,562	164,562
105	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS .....	561,220	421,820
		Forward financed in the FY18 Omnibus .....		[-139,400]
106	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	61,017	61,017
107	0604878C	AEGIS BMD TEST .....	95,756	95,756
108	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST .....	81,001	81,001
109	0604880C	LAND-BASED SM-3 (LBSM3) .....	27,692	27,842
		Retain Poland CHUs .....		[150]
111	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST .....	81,934	72,634
		Forward financed in the FY18 Omnibus .....		[-9,300]
112	0604894C	MULTI-OBJECT KILL VEHICLE .....	8,256	8,256
113	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS .....	2,600	2,600
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....	3,104	3,104
115	0305103C	CYBER SECURITY INITIATIVE .....	985	985
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM .....	36,955	36,955
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....	16,484	74,484
		Address cyber threats .....		[8,000]
		Develop space sensor architecture .....		[50,000]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.</b>	<b>8,709,725</b>	<b>8,717,675</b>

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
<b>SYSTEM DEVELOPMENT AND DEMONSTRATION</b>				
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	8,333	8,333
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT ..... Accelerate program .....	263,414	413,414 [150,000]
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....	388,701	388,701
121	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	19,503	19,503
122	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	6,163	6,163
123	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT .....	11,988	11,988
124	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE .....	296	296
125	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM .....	1,489	1,489
126	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES .....	9,590	9,590
127	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	3,173	3,173
128	0605075D8Z	DCMO POLICY AND INTEGRATION .....	2,105	2,105
129	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM .....	21,156	21,156
130	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS) .....	10,731	10,731
132	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES ....	6,374	6,374
133	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	56,178	56,178
134	0303141K	GLOBAL COMBAT SUPPORT SYSTEM .....	2,512	2,512
135	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM).	2,435	2,435
136	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	17,048	17,048
		<b>SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.</b>	<b>831,189</b>	<b>981,189</b>
<b>MANAGEMENT SUPPORT</b>				
137	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS) .....	6,661	6,661
138	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....	4,088	4,088
139	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	258,796	258,796
140	0604942D8Z	ASSESSMENTS AND EVALUATIONS .....	31,356	31,356
141	0605001E	MISSION SUPPORT .....	65,646	65,646
142	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC) .....	84,184	84,184
143	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS .....	22,576	22,576
144	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	52,565	42,565
		Unjustified program growth .....		[-10,000]
146	0605142D8Z	SYSTEMS ENGINEERING .....	38,872	38,872
147	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD .....	3,534	3,534
148	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY .....	5,050	5,050
149	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....	11,450	11,450
150	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) .....	1,693	1,693
151	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	102,883	102,883
159	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	2,545	2,545
160	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS .....	24,487	24,487
161	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	56,853	56,853
162	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	24,914	24,914
163	0605804D8Z	DEVELOPMENT TEST AND EVALUATION .....	20,179	20,179
164	0605898E	MANAGEMENT HQ—R&D .....	13,643	13,643
165	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	4,124	4,124
166	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS .....	5,768	5,768
167	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....	1,030	1,030
168	0606589D8W	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT ....	1,000	1,000
169	0606942C	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ....	3,400	3,400
170	0606942S	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ....	4,000	4,000
171	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....	3,008	3,008
172	0204571J	JOINT STAFF ANALYTICAL SUPPORT .....	6,658	6,658
175	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES ....	652	652
176	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) ....	1,005	1,005
177	0305172K	COMBINED ADVANCED APPLICATIONS .....	21,363	21,363
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS	109,529	109,529
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT .....	1,244	1,244
184	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	42,940	42,940
185	0901598C	MANAGEMENT HQ—MDA .....	28,626	28,626
187	0903235K	JOINT SERVICE PROVIDER (JSP) .....	5,104	5,104
188A	999999999	CLASSIFIED PROGRAMS .....	45,604	45,604
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>1,117,030</b>	<b>1,107,030</b>
<b>OPERATIONAL SYSTEM DEVELOPMENT</b>				
189	0604130V	ENTERPRISE SECURITY SYSTEM (ESS) .....	9,750	9,750
190	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,855	1,855

<b>SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b> <b>(In Thousands of Dollars)</b>				
<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
191	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	304	304
192	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....	10,376	10,376
193	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....	5,915	5,915
194	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	5,869	5,869
195	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	48,741	48,741
196	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) .....	3,037	3,037
197	0208045K	CAI INTEROPERABILITY .....	62,814	62,814
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	16,561	16,561
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS .....	14,769	14,769
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	17,579	17,579
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI) .....	31,737	31,737
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM .....	7,940	17,940
		Expand cyber scholarship program .....		[10,000]
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .....	229,252	229,252
210	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM .....	19,611	19,611
211	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	46,900	46,900
212	0303153K	DEFENSE SPECTRUM ORGANIZATION .....	7,570	7,570
213	0303228K	JOINT INFORMATION ENVIRONMENT (JIE) .....	7,947	7,947
215	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.	39,400	39,400
224	0305186D8Z	POLICY R&D PROGRAMS .....	6,262	6,262
225	0305199D8Z	NET CENTRICITY .....	16,780	16,780
227	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	6,286	6,286
230	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	2,970	2,970
233	0305327V	INSIDER THREAT .....	5,954	5,954
234	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....	2,198	2,198
240	0307577D8Z	INTELLIGENCE MISSION DATA (IMD) .....	6,889	6,889
242	0708012K	LOGISTICS SUPPORT ACTIVITIES .....	1,317	1,317
243	0708012S	PACIFIC DISASTER CENTERS .....	1,770	1,770
244	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....	1,805	1,805
246	1105219BB	MQ-9 UAV .....	18,403	18,403
248	1160403BB	AVIATION SYSTEMS .....	184,993	179,993
		Realignment of funds .....		[-5,000]
249	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT .....	10,625	10,625
250	1160408BB	OPERATIONAL ENHANCEMENTS .....	102,307	102,307
251	1160431BB	WARRIOR SYSTEMS .....	46,942	46,942
252	1160432BB	SPECIAL PROGRAMS .....	2,479	2,479
253	1160434BB	UNMANNED ISR .....	27,270	27,270
254	1160480BB	SOF TACTICAL VEHICLES .....	1,121	1,121
255	1160483BB	MARITIME SYSTEMS .....	42,471	42,471
256	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	4,780	4,780
257	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	12,176	12,176
258	1203610K	TELEPORT PROGRAM .....	2,323	2,323
258A	9999999999	CLASSIFIED PROGRAMS .....	3,877,898	3,877,898
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ....</b>	<b>4,973,946</b>	<b>4,978,946</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>22,016,553</b>	<b>22,114,503</b>
		<b>OPERATIONAL TEST &amp; EVAL, DEFENSE MANAGEMENT SUPPORT</b>		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION .....	85,685	85,685
002	0605131OTE	LIVE FIRE TEST AND EVALUATION .....	64,332	64,332
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES .....	70,992	70,992
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>221,009</b>	<b>221,009</b>
		<b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE .....</b>	<b>221,009</b>	<b>221,009</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>91,056,950</b>	<b>91,916,650</b>



1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
2 **TION FOR OVERSEAS CONTINGENCY OPER-**  
3 **ATIONS.**

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OP-**  
**ERATIONS**  
*(In Thousands of Dollars)*

<i>Line</i>	<i>Program Element</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-</b>				
<b>TYPES</b>				
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	1,000	0
		<i>Redignment of EDI APS Unit Set from OCO to Base .....</i>		<i>[-1,000]</i>
058	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV .....	1,500	1,500
061	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	3,000	3,000
076	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	23,000	0
		<i>Redignment of EDI APS Unit Set from OCO to Base .....</i>		<i>[-23,000]</i>
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>28,500</b>	<b>4,500</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
088	0604328A	TRACTOR CAGE .....	12,000	12,000
100	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	119,300	119,300
125	0605032A	TRACTOR TIRE .....	66,760	66,760
128	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	2,670	2,670
136	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	34,933	34,933
147	0303032A	TROJAN—RH12 .....	1,200	1,200
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>	<b>236,863</b>	<b>236,863</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
184	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	2,548	2,548
185	0607133A	TRACTOR SMOKE .....	7,780	7,780
206	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	2,000	0
		<i>Redignment of EDI APS Unit Set from OCO to Base .....</i>		<i>[-2,000]</i>
209	0205402A	INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV .....	8,000	8,000
216	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	23,199	23,199
226	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	14,000	0
		<i>Redignment of EDI APS Unit Set from OCO to Base .....</i>		<i>[-14,000]</i>
231	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	2,214	2,214
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>59,741</b>	<b>43,741</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>325,104</b>	<b>285,104</b>
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-</b>				
<b>TYPES</b>				
041	0603527N	RETRACT LARCH .....	18,000	18,000
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	13,900	13,900
074	0603795N	LAND ATTACK TECHNOLOGY .....	1,400	1,400
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>33,300</b>	<b>33,300</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
149	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	1,100	1,100
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>	<b>1,100</b>	<b>1,100</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
236	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	16,130	16,130
268A	9999999999	CLASSIFIED PROGRAMS .....	117,282	117,282
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>133,412</b>	<b>133,412</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>167,812</b>	<b>167,812</b>
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-</b>				
<b>TYPES</b>				
065	1206438F	SPACE CONTROL TECHNOLOGY .....	1,100	1,100
070	1206857F	OPERATIONALLY RESPONSIVE SPACE .....	12,395	12,395
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>13,495</b>	<b>13,495</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
186	0205219F	MQ-9 UAV .....	4,500	4,500
187	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE .....	4,000	4,000
188	0207131F	A-10 SQUADRONS .....	1,000	1,000

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
217	0207610F	BATTLEFIELD ABN COMM NODE (BACN) .....	42,349	42,349
228	0208288F	INTEL DATA APPLICATIONS .....	1,200	1,200
254	0305111F	WEATHER SERVICE .....	3,000	3,000
268	0305202F	DRAGON U-2 .....	22,100	22,100
272	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	29,500	29,500
310	1202247F	AF TENCAP .....	5,000	5,000
327A	9999999999	CLASSIFIED PROGRAMS .....	188,127	188,127
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>300,776</b>	<b>300,776</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>314,271</b>	<b>314,271</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	25,000	25,000
026	0603134BR	COUNTER IMPROVISED-THREAT SIMULATION .....	13,648	13,648
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>	<b>38,648</b>	<b>38,648</b>
		<b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>		
094	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	242,668	242,668
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.</b>	<b>242,668</b>	<b>242,668</b>
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>		
250	1160408BB	OPERATIONAL ENHANCEMENTS .....	3,632	3,632
251	1160431BB	WARRIOR SYSTEMS .....	11,040	11,040
253	1160434BB	UNMANNED ISR .....	11,700	11,700
254	1160480BB	SOF TACTICAL VEHICLES .....	725	725
258A	9999999999	CLASSIFIED PROGRAMS .....	192,131	192,131
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>	<b>219,228</b>	<b>219,228</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>500,544</b>	<b>500,544</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>1,307,731</b>	<b>1,267,731</b>

# 1 **TITLE XLIII—OPERATION AND**

## 2 **MAINTENANCE**

### 3 **SEC. 4301. OPERATION AND MAINTENANCE.**

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	2,076,360	1,631,060
	Readiness restoration .....		[9,400]
	Realign OCO requirements from Base to OCO .....		[-454,700]
020	MODULAR SUPPORT BRIGADES .....	107,946	109,746
	Readiness restoration .....		[1,800]
030	ECHELONS ABOVE BRIGADE .....	732,485	588,515
	Readiness restoration .....		[7,600]
	Realign OCO requirements from Base to OCO .....		[-151,570]
040	THEATER LEVEL ASSETS .....	1,169,508	945,308
	Readiness restoration .....		[18,300]
	Realign OCO requirements from Base to OCO .....		[-242,500]
050	LAND FORCES OPERATIONS SUPPORT .....	1,180,460	1,197,960
	Readiness restoration .....		[17,500]
060	AVIATION ASSETS .....	1,467,500	1,485,300
	Readiness restoration .....		[17,800]
070	FORCE READINESS OPERATIONS SUPPORT .....	4,285,211	3,680,951
	Female personal protective equipment .....		[2,000]
	Realign OCO requirements from Base to OCO .....		[-606,260]
080	LAND FORCES SYSTEMS READINESS .....	482,201	482,201
090	LAND FORCES DEPOT MAINTENANCE .....	1,536,851	1,375,231

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	Readiness restoration .....		[111,200]
	Realign OCO requirements from Base to OCO .....		[-272,820]
100	BASE OPERATIONS SUPPORT .....	8,274,299	7,668,039
	Realign OCO requirements from Base to OCO .....		[-606,260]
110	FACILITIES SUSTAINMENT .....	3,516,859	2,497,978
	85% Sustainment .....		[175,469]
	Capability Output Level 3 Funding .....		[25,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[-1,219,350]
111	FACILITIES RESTORATION & MODERNIZATION .....		1,054,140
	Realignment of FSRM funds to new RM and Demo lines .....		[1,054,140]
112	FACILITIES DEMOLITION .....		215,210
	Program increase .....		[50,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[165,210]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	438,733	438,733
180	US AFRICA COMMAND .....	231,518	231,518
190	US EUROPEAN COMMAND .....	150,268	150,268
200	US SOUTHERN COMMAND .....	195,964	195,964
210	US FORCES KOREA .....	59,625	59,625
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>25,905,788</b>	<b>24,007,747</b>
	<b>MOBILIZATION</b>		
220	STRATEGIC MOBILITY .....	370,941	370,941
230	ARMY PREPOSITIONED STOCKS .....	573,560	732,313
	Realignment of EDI APS Unit Set from OCO to Base .....		[158,753]
240	INDUSTRIAL PREPAREDNESS .....	7,678	7,678
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>952,179</b>	<b>1,110,932</b>
	<b>TRAINING AND RECRUITING</b>		
250	OFFICER ACQUISITION .....	135,832	135,832
260	RECRUIT TRAINING .....	54,819	54,819
270	ONE STATION UNIT TRAINING .....	69,599	69,599
280	SENIOR RESERVE OFFICERS TRAINING CORPS .....	518,998	518,998
290	SPECIALIZED SKILL TRAINING .....	1,020,073	1,020,073
300	FLIGHT TRAINING .....	1,082,190	1,082,190
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	220,399	220,399
320	TRAINING SUPPORT .....	611,482	611,482
330	RECRUITING AND ADVERTISING .....	698,962	698,962
340	EXAMINING .....	162,049	162,049
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	215,622	215,622
360	CIVILIAN EDUCATION AND TRAINING .....	176,914	176,914
370	JUNIOR RESERVE OFFICER TRAINING CORPS .....	174,430	174,430
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>5,141,369</b>	<b>5,141,369</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
390	SERVICEWIDE TRANSPORTATION .....	588,047	436,447
	Realign OCO requirements from Base to OCO .....		[-151,600]
400	CENTRAL SUPPLY ACTIVITIES .....	931,462	931,462
410	LOGISTIC SUPPORT ACTIVITIES .....	696,114	696,114
420	AMMUNITION MANAGEMENT .....	461,637	461,637
430	ADMINISTRATION .....	447,564	447,564
440	SERVICEWIDE COMMUNICATIONS .....	2,069,127	2,069,127
450	MANPOWER MANAGEMENT .....	261,021	261,021
460	OTHER PERSONNEL SUPPORT .....	379,541	379,541
470	OTHER SERVICE SUPPORT .....	1,699,767	1,699,767
480	ARMY CLAIMS ACTIVITIES .....	192,686	192,686
490	REAL ESTATE MANAGEMENT .....	240,917	240,917
500	FINANCIAL MANAGEMENT AND AUDIT READINESS .....	291,569	291,569
510	INTERNATIONAL MILITARY HEADQUARTERS .....	442,656	442,656
520	MISC. SUPPORT OF OTHER NATIONS .....	48,251	58,251
	NATO Cooperative Cyber Defense Center of Excellence .....		[5,000]
	NATO Strategic Communications Center of Excellence .....		[5,000]
565	CLASSIFIED PROGRAMS .....	1,259,622	1,259,622
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>10,009,981</b>	<b>9,868,381</b>
	<b>UNDISTRIBUTED</b>		
570	UNDISTRIBUTED .....		-894,500
	Foreign Currency adjustments .....		[-210,300]
	Historical unobligated balances .....		[-694,200]
	Simulators and other technologies to reduce the use of live animal tissue for medical training .....		[10,000]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-894,500</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY ..</b>	<b>42,009,317</b>	<b>39,233,929</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES OPERATING FORCES</b>		
010	MODULAR SUPPORT BRIGADES .....	13,867	13,867
020	ECHELONS ABOVE BRIGADE .....	536,438	536,438
030	THEATER LEVEL ASSETS .....	113,225	113,225
040	LAND FORCES OPERATIONS SUPPORT .....	551,141	551,141
050	AVIATION ASSETS .....	89,073	89,073
060	FORCE READINESS OPERATIONS SUPPORT .....	409,531	409,531
070	LAND FORCES SYSTEMS READINESS .....	101,411	101,411
080	LAND FORCES DEPOT MAINTENANCE .....	60,114	60,114
090	BASE OPERATIONS SUPPORT .....	595,728	595,728
100	FACILITIES SUSTAINMENT .....	304,658	263,065
	Realignment of FSRM funds to new RM and Demo lines .....		[-71,593]
	Sustainment recovery .....		[30,000]
101	FACILITIES RESTORATION & MODERNIZATION .....		49,176
	Realignment of FSRM funds to new RM and Demo lines .....		[49,176]
102	FACILITIES DEMOLITION .....		22,417
	Realignment of FSRM funds to new RM and Demo lines .....		[22,417]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	22,175	22,175
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>2,797,361</b>	<b>2,827,361</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
120	SERVICEWIDE TRANSPORTATION .....	11,832	11,832
130	ADMINISTRATION .....	18,218	18,218
140	SERVICEWIDE COMMUNICATIONS .....	25,069	25,069
150	MANPOWER MANAGEMENT .....	6,248	6,248
160	RECRUITING AND ADVERTISING .....	58,181	58,181
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>119,548</b>	<b>119,548</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>	<b>2,916,909</b>	<b>2,946,909</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG OPERATING FORCES</b>		
010	MANEUVER UNITS .....	810,269	810,269
020	MODULAR SUPPORT BRIGADES .....	193,402	193,402
030	ECHELONS ABOVE BRIGADE .....	753,815	753,815
040	THEATER LEVEL ASSETS .....	84,124	84,124
050	LAND FORCES OPERATIONS SUPPORT .....	31,881	31,881
060	AVIATION ASSETS .....	973,874	973,874
070	FORCE READINESS OPERATIONS SUPPORT .....	784,086	784,086
080	LAND FORCES SYSTEMS READINESS .....	51,353	51,353
090	LAND FORCES DEPOT MAINTENANCE .....	221,633	221,633
100	BASE OPERATIONS SUPPORT .....	1,129,942	1,129,942
110	FACILITIES SUSTAINMENT .....	919,947	888,760
	Realignment of FSRM funds to new RM and Demo lines .....		[-101,187]
	Sustainment recovery .....		[70,000]
111	FACILITIES RESTORATION & MODERNIZATION .....		85,859
	Realignment of FSRM funds to new RM and Demo lines .....		[85,859]
112	FACILITIES DEMOLITION .....		15,328
	Realignment of FSRM funds to new RM and Demo lines .....		[15,328]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	1,010,524	1,010,524
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>6,964,850</b>	<b>7,034,850</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
130	SERVICEWIDE TRANSPORTATION .....	10,017	10,017
140	ADMINISTRATION .....	72,746	72,746
150	SERVICEWIDE COMMUNICATIONS .....	83,105	83,105
160	MANPOWER MANAGEMENT .....	10,678	10,678
170	OTHER PERSONNEL SUPPORT .....	254,753	254,753
180	REAL ESTATE MANAGEMENT .....	3,146	3,146
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>434,445</b>	<b>434,445</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG ..</b>	<b>7,399,295</b>	<b>7,469,295</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
<b>OPERATING FORCES</b>			
010	MISSION AND OTHER FLIGHT OPERATIONS .....	5,372,399	5,372,399
020	FLEET AIR TRAINING .....	2,023,351	2,014,593
	Advanced skills management .....		[-8,758]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES ....	56,225	56,225
040	AIR OPERATIONS AND SAFETY SUPPORT .....	156,081	156,081
050	AIR SYSTEMS SUPPORT .....	682,379	682,379
060	AIRCRAFT DEPOT MAINTENANCE .....	1,253,756	1,291,156
	Readiness restoration .....		[37,400]
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	66,649	66,649
080	AVIATION LOGISTICS .....	939,368	945,768
	Readiness restoration .....		[6,400]
090	MISSION AND OTHER SHIP OPERATIONS .....	4,439,566	4,439,566
100	SHIP OPERATIONS SUPPORT & TRAINING .....	997,663	997,663
110	SHIP DEPOT MAINTENANCE .....	8,751,526	8,900,126
	Readiness restoration .....		[116,600]
	Western Pacific Dry Dock capability .....		[32,000]
120	SHIP DEPOT OPERATIONS SUPPORT .....	2,168,876	2,168,876
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE ...	1,349,593	1,349,593
150	SPACE SYSTEMS AND SURVEILLANCE .....	215,255	215,255
160	WARFARE TACTICS .....	632,446	632,446
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	373,046	373,046
180	COMBAT SUPPORT FORCES .....	1,452,075	1,452,075
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP- PORT .....	153,719	153,719
210	COMBATANT COMMANDERS CORE OPERATIONS .....	63,039	63,039
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	89,339	89,339
230	MILITARY INFORMATION SUPPORT OPERATIONS .....	8,475	8,475
240	CYBERSPACE ACTIVITIES .....	424,088	424,088
260	FLEET BALLISTIC MISSILE .....	1,361,947	1,361,947
280	WEAPONS MAINTENANCE .....	823,952	819,452
	Insufficient budget justification for submarine acoustic systems		[-4,500]
290	OTHER WEAPON SYSTEMS SUPPORT .....	494,101	494,101
300	ENTERPRISE INFORMATION .....	921,936	921,936
310	FACILITIES SUSTAINMENT .....	2,040,389	1,712,222
	85% Sustainment .....		[101,000]
	Capability Output Level 3 Funding .....		[20,000]
	Project oversight (Unjustified Growth) .....		[-85,420]
	Realignment of FSRM funds to new RM and Demo lines .....		[-363,747]
311	FACILITIES RESTORATION & MODERNIZATION .....		243,745
	Realignment of FSRM funds to new RM and Demo lines .....		[243,745]
312	FACILITIES DEMOLITION .....		160,002
	Program increase .....		[40,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[120,002]
320	BASE OPERATING SUPPORT .....	4,414,753	4,414,753
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>41,725,992</b>	<b>41,980,714</b>
<b>MOBILIZATION</b>			
330	SHIP PREPOSITIONING AND SURGE .....	549,142	400,545
	Realign DoD Mobilization Alternation to NDSF .....		[-20,858]
	Realign LG Med Spd RO/RO Maintenance to NDSF .....		[-127,739]
340	READY RESERVE FORCE .....	310,805	0
	Realign Ready Reserve Forces to NDSF .....		[-310,805]
360	SHIP ACTIVATIONS/INACTIVATIONS .....	161,150	161,150
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	120,338	47,988
	Realign T-AH Maintenance to NDSF .....		[-72,350]
390	COAST GUARD SUPPORT .....	24,097	24,097
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,165,532</b>	<b>633,780</b>
<b>TRAINING AND RECRUITING</b>			
400	OFFICER ACQUISITION .....	145,481	145,481
410	RECRUIT TRAINING .....	9,637	9,637
420	RESERVE OFFICERS TRAINING CORPS .....	149,687	149,687
430	SPECIALIZED SKILL TRAINING .....	879,557	879,557
450	PROFESSIONAL DEVELOPMENT EDUCATION .....	184,436	186,136
	Naval Sea Cadets .....		[1,700]
460	TRAINING SUPPORT .....	223,159	223,159
470	RECRUITING AND ADVERTISING .....	181,086	181,086
480	OFF-DUTY AND VOLUNTARY EDUCATION .....	96,006	96,006
490	CIVILIAN EDUCATION AND TRAINING .....	72,083	72,083

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
500	JUNIOR ROTC .....	54,156	54,156
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>1,995,288</b>	<b>1,996,988</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
510	ADMINISTRATION .....	1,089,964	1,089,964
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....	164,074	164,074
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	418,350	418,350
580	SERVICEWIDE TRANSPORTATION .....	167,106	167,106
600	PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....	333,556	333,556
610	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	663,690	663,690
650	INVESTIGATIVE AND SECURITY SERVICES .....	705,087	705,087
765	CLASSIFIED PROGRAMS .....	574,994	574,994
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,116,821</b>	<b>4,116,821</b>
	<b>UNDISTRIBUTED</b>		
770	UNDISTRIBUTED .....		-398,100
	Foreign Currency adjustments .....		[-55,100]
	Historical unobligated balances .....		[-343,000]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-398,100</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY ..</b>	<b>49,003,633</b>	<b>48,330,203</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS OPERATING FORCES</b>		
010	OPERATIONAL FORCES .....	873,320	885,720
	Additional parts & spares to support intermediate & organiza- tional maintenance .....		[8,200]
	Additional training requirements .....		[4,200]
020	FIELD LOGISTICS .....	1,094,187	1,094,187
030	DEPOT MAINTENANCE .....	314,182	341,082
	Readiness restoration .....		[26,900]
040	MARITIME PREPOSITIONING .....	98,136	98,136
050	CYBERSPACE ACTIVITIES .....	183,546	183,546
060	FACILITIES SUSTAINMENT .....	832,636	746,354
	85% Sustainment .....		[42,400]
	Capability Output Level 3 Funding .....		[10,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[-138,682]
061	FACILITIES RESTORATION & MODERNIZATION .....		61,469
	Realignment of FSRM funds to new RM and Demo lines .....		[61,469]
062	FACILITIES DEMOLITION .....		107,213
	Program increase .....		[30,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[77,213]
070	BASE OPERATING SUPPORT .....	2,151,390	2,151,390
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,547,397</b>	<b>5,669,097</b>
	<b>TRAINING AND RECRUITING</b>		
080	RECRUIT TRAINING .....	16,453	16,453
090	OFFICER ACQUISITION .....	1,144	1,144
100	SPECIALIZED SKILL TRAINING .....	106,360	106,360
110	PROFESSIONAL DEVELOPMENT EDUCATION .....	46,096	46,096
120	TRAINING SUPPORT .....	389,751	389,751
130	RECRUITING AND ADVERTISING .....	201,662	201,662
140	OFF-DUTY AND VOLUNTARY EDUCATION .....	32,461	32,461
150	JUNIOR ROTC .....	24,217	24,217
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>818,144</b>	<b>818,144</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	29,735	29,735
170	ADMINISTRATION .....	386,375	386,375
225	CLASSIFIED PROGRAMS .....	50,859	50,859
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>466,969</b>	<b>466,969</b>
	<b>UNDISTRIBUTED</b>		
230	UNDISTRIBUTED .....		-43,600
	Foreign Currency adjustments .....		[-13,600]
	Historical unobligated balances .....		[-30,000]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-43,600</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MA- RINE CORPS .....</b>	<b>6,832,510</b>	<b>6,910,610</b>

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
<b>OPERATION &amp; MAINTENANCE, NAVY RES</b>			
<b>OPERATING FORCES</b>			
010	MISSION AND OTHER FLIGHT OPERATIONS .....	569,584	569,584
020	INTERMEDIATE MAINTENANCE .....	6,902	6,902
030	AIRCRAFT DEPOT MAINTENANCE .....	109,776	109,776
040	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	538	538
050	AVIATION LOGISTICS .....	18,888	18,888
060	SHIP OPERATIONS SUPPORT & TRAINING .....	574	574
070	COMBAT COMMUNICATIONS .....	17,561	17,561
080	COMBAT SUPPORT FORCES .....	121,070	121,070
090	CYBERSPACE ACTIVITIES .....	337	337
100	ENTERPRISE INFORMATION .....	23,964	23,964
110	FACILITIES SUSTAINMENT .....	36,356	41,151
	Realignment of FSRM funds to new RM and Demo lines .....		[-5,205]
	Sustainment recovery .....		[10,000]
111	FACILITIES RESTORATION & MODERNIZATION .....		3,205
	Realignment of FSRM funds to new RM and Demo lines .....		[3,205]
112	FACILITIES DEMOLITION .....		2,000
	Realignment of FSRM funds to new RM and Demo lines .....		[2,000]
120	BASE OPERATING SUPPORT .....	103,562	103,562
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>1,009,112</b>	<b>1,019,112</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
130	ADMINISTRATION .....	1,868	1,868
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	12,849	12,849
160	ACQUISITION AND PROGRAM MANAGEMENT .....	3,177	3,177
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>17,894</b>	<b>17,894</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES</b> .....	<b>1,027,006</b>	<b>1,037,006</b>
<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>			
<b>OPERATING FORCES</b>			
010	OPERATING FORCES .....	99,173	107,873
	Additional training requirements .....		[8,700]
020	DEPOT MAINTENANCE .....	19,430	19,430
030	FACILITIES SUSTAINMENT .....	39,962	25,666
	Realignment of FSRM funds to new RM and Demo lines .....		[-22,296]
	Sustainment recovery .....		[8,000]
031	FACILITIES RESTORATION & MODERNIZATION .....		22,296
	Realignment of FSRM funds to new RM and Demo lines .....		[22,296]
040	BASE OPERATING SUPPORT .....	101,829	101,829
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>260,394</b>	<b>277,094</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
050	ADMINISTRATION .....	11,176	11,176
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>11,176</b>	<b>11,176</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE</b> .....	<b>271,570</b>	<b>288,270</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>			
<b>OPERATING FORCES</b>			
010	PRIMARY COMBAT FORCES .....	758,178	758,178
020	COMBAT ENHANCEMENT FORCES .....	1,509,027	1,509,027
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	1,323,330	1,323,330
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	3,511,830	3,596,330
	Readiness restoration .....		[46,500]
	Restoration of U-2 Tail #80-1099 .....		[38,000]
050	FACILITIES SUSTAINMENT .....	2,892,705	2,621,824
	85% Sustainment .....		[152,000]
	Capability Output Level 3 Funding .....		[23,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[-445,881]
051	FACILITIES RESTORATION & MODERNIZATION .....		420,861
	Realignment of FSRM funds to new RM and Demo lines .....		[420,861]
052	FACILITIES DEMOLITION .....		67,020
	Program increase .....		[42,000]
	Realignment of FSRM funds to new RM and Demo lines .....		[25,020]
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	7,613,084	7,687,884

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
	Readiness restoration .....		[74,800]
070	FLYING HOUR PROGRAM .....	4,345,208	4,345,208
080	BASE SUPPORT .....	5,989,215	5,989,215
090	GLOBAL C3I AND EARLY WARNING .....	928,023	928,023
100	OTHER COMBAT OPS SPT PROGRAMS .....	1,080,956	1,080,956
110	CYBERSPACE ACTIVITIES .....	879,032	879,032
130	LAUNCH FACILITIES .....	183,777	183,777
140	SPACE CONTROL SYSTEMS .....	404,072	404,072
170	US NORTHCOM/NORAD .....	187,375	187,375
180	US STRATCOM .....	529,902	529,902
190	US CYBERCOM .....	329,474	329,474
200	US CENTCOM .....	166,024	166,024
210	US SOCOM .....	723	723
220	US TRANSCOM .....	535	535
225	CLASSIFIED PROGRAMS .....	1,164,810	1,164,810
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>33,797,280</b>	<b>34,173,580</b>
	<b>MOBILIZATION</b>		
230	AIRLIFT OPERATIONS .....	1,307,695	1,307,695
240	MOBILIZATION PREPAREDNESS .....	144,417	144,417
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,452,112</b>	<b>1,452,112</b>
	<b>TRAINING AND RECRUITING</b>		
280	OFFICER ACQUISITION .....	133,187	133,187
290	RECRUIT TRAINING .....	25,041	25,041
300	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	117,338	117,338
330	SPECIALIZED SKILL TRAINING .....	401,996	401,996
340	FLIGHT TRAINING .....	477,064	477,064
350	PROFESSIONAL DEVELOPMENT EDUCATION .....	276,423	276,423
360	TRAINING SUPPORT .....	95,948	95,948
380	RECRUITING AND ADVERTISING .....	154,530	154,530
390	EXAMINING .....	4,132	4,132
400	OFF-DUTY AND VOLUNTARY EDUCATION .....	223,150	223,150
410	CIVILIAN EDUCATION AND TRAINING .....	209,497	209,497
420	JUNIOR ROTC .....	59,908	59,908
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>2,178,214</b>	<b>2,178,214</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
430	LOGISTICS OPERATIONS .....	681,788	681,788
440	TECHNICAL SUPPORT ACTIVITIES .....	117,812	117,812
480	ADMINISTRATION .....	953,102	953,102
490	SERVICEWIDE COMMUNICATIONS .....	358,389	358,389
500	OTHER SERVICEWIDE ACTIVITIES .....	1,194,862	1,194,862
510	CIVIL AIR PATROL .....	29,594	29,594
540	INTERNATIONAL SUPPORT .....	74,959	74,959
545	CLASSIFIED PROGRAMS .....	1,222,456	1,222,456
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>4,632,962</b>	<b>4,632,962</b>
	<b>UNDISTRIBUTED</b>		
550	UNDISTRIBUTED .....		-455,200
	Foreign Currency adjustments .....		[-104,500]
	Historical unobligated balances .....		[-350,700]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-455,200</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b> .....	<b>42,060,568</b>	<b>41,981,668</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	1,853,437	1,853,437
020	MISSION SUPPORT OPERATIONS .....	205,369	205,369
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	345,576	347,476
	Readiness restoration .....		[1,900]
040	FACILITIES SUSTAINMENT .....	120,736	123,103
	Realignment of FSRM funds to new RM and Demo lines .....		[-27,633]
	Sustainment recovery .....		[30,000]
041	FACILITIES RESTORATION & MODERNIZATION .....		27,633
	Realignment of FSRM funds to new RM and Demo lines .....		[27,633]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	241,239	259,939
	Readiness restoration .....		[18,700]



SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
060	BASE SUPPORT .....	385,922	385,922
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,152,279</b>	<b>3,202,879</b>
	<b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>		
070	ADMINISTRATION .....	71,188	71,188
080	RECRUITING AND ADVERTISING .....	19,429	19,429
090	MILITARY MANPOWER AND PERS MGMT (ARPC) .....	9,386	9,386
100	OTHER PERS SUPPORT (DISABILITY COMP) .....	7,512	7,512
110	AUDIOVISUAL .....	440	440
	<b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b> .....	<b>107,955</b>	<b>107,955</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RE- SERVE</b> .....	<b>3,260,234</b>	<b>3,310,834</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
010	AIRCRAFT OPERATIONS .....	2,619,940	2,619,940
020	MISSION SUPPORT OPERATIONS .....	623,265	623,265
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	748,287	748,287
040	FACILITIES SUSTAINMENT .....	303,792	289,700
	Realignment of FSRM funds to new RM and Demo lines .....		[-34,092]
	Sustainment recovery .....		[20,000]
041	FACILITIES RESTORATION & MODERNIZATION .....		31,696
	Realignment of FSRM funds to new RM and Demo lines .....		[31,696]
042	FACILITIES DEMOLITION .....		2,396
	Realignment of FSRM funds to new RM and Demo lines .....		[2,396]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	1,061,759	1,064,759
	Readiness restoration .....		[3,000]
060	BASE SUPPORT .....	988,333	989,233
	Readiness restoration .....		[900]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,345,376</b>	<b>6,369,276</b>
	<b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>		
070	ADMINISTRATION .....	45,711	45,711
080	RECRUITING AND ADVERTISING .....	36,535	36,535
	<b>SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES</b> .....	<b>82,246</b>	<b>82,246</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> ....	<b>6,427,622</b>	<b>6,451,522</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF .....	430,215	430,215
020	JOINT CHIEFS OF STAFF—CE2T2 .....	602,186	602,186
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....	5,389,250	5,215,250
	Civilian pay ahead of need .....		[-10,700]
	Communications .....		[-20,000]
	DCGS-SOF .....		[-10,000]
	MC-12 ahead of need .....		[-33,300]
	Program decrease .....		[-100,000]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,421,651</b>	<b>6,247,651</b>
	<b>TRAINING AND RECRUITING</b>		
050	DEFENSE ACQUISITION UNIVERSITY .....	181,601	172,501
	Efficiencies within the 4th estate .....		[-9,100]
060	JOINT CHIEFS OF STAFF .....	96,565	96,565
070	SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUIT- ING .....	370,583	370,583
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>648,749</b>	<b>639,649</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
080	CIVIL MILITARY PROGRAMS .....	166,131	186,131
	STARBASE .....		[20,000]
100	DEFENSE CONTRACT AUDIT AGENCY .....	625,633	594,333
	Efficiencies within the 4th estate .....		[-31,300]
110	DEFENSE CONTRACT MANAGEMENT AGENCY .....	1,465,354	1,392,054
	Efficiencies within the 4th estate .....		[-73,300]
120	DEFENSE HUMAN RESOURCES ACTIVITY .....	859,923	816,923
	Efficiencies within the 4th estate .....		[-43,000]

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
130	DEFENSE INFORMATION SYSTEMS AGENCY .....	2,106,930	2,001,630
	Efficiencies within the 4th estate .....		[-105,300]
150	DEFENSE LEGAL SERVICES AGENCY .....	27,403	26,003
	Efficiencies within the 4th estate .....		[-1,400]
160	DEFENSE LOGISTICS AGENCY .....	379,275	385,750
	Efficiencies within the 4th estate .....		[-19,000]
	Program increase for the Procurement Technical Assistance Pro- gram (PTAP) .....		[25,475]
170	DEFENSE MEDIA ACTIVITY .....	207,537	197,137
	Efficiencies within the 4th estate .....		[-10,400]
180	DEFENSE PERSONNEL ACCOUNTING AGENCY .....	130,696	130,696
190	DEFENSE SECURITY COOPERATION AGENCY .....	754,711	754,711
200	DEFENSE SECURITY SERVICE .....	789,175	789,175
220	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....	34,951	33,251
	Efficiencies within the 4th estate .....		[-1,700]
230	DEFENSE THREAT REDUCTION AGENCY .....	553,329	553,329
250	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	2,892,284	2,942,284
	Impact Aid .....		[40,000]
	Impact Aid for Children with Severe Disabilities .....		[10,000]
260	MISSILE DEFENSE AGENCY .....	499,817	499,817
280	OFFICE OF ECONOMIC ADJUSTMENT .....	70,035	166,535
	Defense Community Infrastructure Program .....		[100,000]
	Efficiencies within the 4th estate .....		[-3,500]
290	OFFICE OF THE SECRETARY OF DEFENSE .....	1,519,655	1,530,655
	CDC PFOS/PFOA Health Study Increment .....		[7,000]
	Contract support for ACCM oversight as directed by Sec. 1062 of FY17 NDAA .....		[5,000]
	Efficiencies within the 4th estate .....		[-76,000]
	Establish Artificial Intelligence commission .....		[10,000]
	Funds to support the Global Engagement Center .....		[60,000]
	Initial capital for Department of Defense World War II Com- memoration Fund .....		[2,000]
	Training of qualified personnel to join the staff of the Boards of Corrections for Military and Naval Records .....		[3,000]
300	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE AC- TIVITIES .....	97,787	97,787
310	WASHINGTON HEADQUARTERS SERVICES .....	456,407	387,907
	Efficiencies within the 4th estate .....		[-68,500]
315	CLASSIFIED PROGRAMS .....	15,645,192	15,645,192
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>29,282,225</b>	<b>29,131,300</b>
	<b>UNDISTRIBUTED</b>		
320	UNDISTRIBUTED .....		-411,800
	Foreign Currency adjustments .....		[-26,400]
	Historical unobligated balances .....		[-385,400]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-411,800</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE .....</b>	<b>36,352,625</b>	<b>35,606,800</b>
	<b>US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVITIES</b>		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DE- FENSE .....	14,662	14,662
	<b>SUBTOTAL ADMINISTRATION AND ASSOCI- ATED ACTIVITIES .....</b>	<b>14,662</b>	<b>14,662</b>
	<b>TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF .....</b>	<b>14,662</b>	<b>14,662</b>
	<b>DOD ACQUISITION WORKFORCE DEVELOPMENT FUND</b>		
	<b>ACQUISITION WORKFORCE DEVELOPMENT</b>		
010	ACQ WORKFORCE DEV FD .....	400,000	400,000
	<b>SUBTOTAL ACQUISITION WORKFORCE DEVEL- OPMENT .....</b>	<b>400,000</b>	<b>400,000</b>
	<b>TOTAL DOD ACQUISITION WORKFORCE DE- VELOPMENT FUND .....</b>	<b>400,000</b>	<b>400,000</b>

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	<b>OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID</b>		
	<b>HUMANITARIAN ASSISTANCE</b>		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....	107,663	107,663
	<b>SUBTOTAL HUMANITARIAN ASSISTANCE .....</b>	<b>107,663</b>	<b>107,663</b>
	<b>TOTAL OVERSEAS HUMANITARIAN, DIS- ASTER, AND CIVIC AID .....</b>	<b>107,663</b>	<b>107,663</b>
	<b>COOPERATIVE THREAT REDUCTION ACCOUNT</b>		
	<b>FSU THREAT REDUCTION</b>		
010	FORMER SOVIET UNION (FSU) THREAT REDUCTION .....	335,240	335,240
	<b>SUBTOTAL FSU THREAT REDUCTION .....</b>	<b>335,240</b>	<b>335,240</b>
	<b>TOTAL COOPERATIVE THREAT REDUCTION ACCOUNT .....</b>	<b>335,240</b>	<b>335,240</b>
	<b>ENVIRONMENTAL RESTORATION, ARMY DEPARTMENT OF THE ARMY</b>		
060	ENVIRONMENTAL RESTORATION, ARMY .....	203,449	213,449
	PFOS/PFOA remediation increase .....		[10,000]
	<b>SUBTOTAL DEPARTMENT OF THE ARMY .....</b>	<b>203,449</b>	<b>213,449</b>
	<b>TOTAL ENVIRONMENTAL RESTORATION, ARMY .....</b>	<b>203,449</b>	<b>213,449</b>
	<b>ENVIRONMENTAL RESTORATION, NAVY DEPARTMENT OF THE NAVY</b>		
080	ENVIRONMENTAL RESTORATION, NAVY .....	329,253	339,253
	PFOS/PFOA remediation increase .....		[10,000]
	<b>SUBTOTAL DEPARTMENT OF THE NAVY .....</b>	<b>329,253</b>	<b>339,253</b>
	<b>TOTAL ENVIRONMENTAL RESTORATION, NAVY .....</b>	<b>329,253</b>	<b>339,253</b>
	<b>ENVIRONMENTAL RESTORATION, AIR FORCE DEPARTMENT OF THE AIR FORCE</b>		
100	ENVIRONMENTAL RESTORATION, AIR FORCE .....	296,808	346,808
	PFOS/PFOA remediation increase .....		[50,000]
	<b>SUBTOTAL DEPARTMENT OF THE AIR FORCE ...</b>	<b>296,808</b>	<b>346,808</b>
	<b>TOTAL ENVIRONMENTAL RESTORATION, AIR FORCE .....</b>	<b>296,808</b>	<b>346,808</b>
	<b>ENVIRONMENTAL RESTORATION, DEFENSE DEFENSE-WIDE</b>		
120	ENVIRONMENTAL RESTORATION, DEFENSE .....	8,926	8,926
	<b>SUBTOTAL DEFENSE-WIDE .....</b>	<b>8,926</b>	<b>8,926</b>
	<b>TOTAL ENVIRONMENTAL RESTORATION, DE- FENSE .....</b>	<b>8,926</b>	<b>8,926</b>
	<b>ENVIRONMENTAL RESTORATION FORMERLY USED SITES DEFENSE-WIDE</b>		
140	ENVIRONMENTAL RESTORATION FORMERLY USED SITES ..	212,346	212,346
	<b>SUBTOTAL DEFENSE-WIDE .....</b>	<b>212,346</b>	<b>212,346</b>
	<b>TOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....</b>	<b>212,346</b>	<b>212,346</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>199,469,636</b>	<b>195,545,393</b>

1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**2 **CONTINGENCY OPERATIONS.****SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<b>OPERATION &amp; MAINTENANCE, ARMY</b>			
<b>OPERATING FORCES</b>			
010	MANEUVER UNITS .....	1,179,339	1,634,039
	Realign OCO requirements from Base to OCO .....		[454,700]
030	ECHELONS ABOVE BRIGADE .....	25,983	177,553
	Realign OCO requirements from Base to OCO .....		[151,570]
040	THEATER LEVEL ASSETS .....	2,189,916	2,432,416
	Realign OCO requirements from Base to OCO .....		[242,500]
050	LAND FORCES OPERATIONS SUPPORT .....	188,609	188,609
060	AVIATION ASSETS .....	120,787	120,787
070	FORCE READINESS OPERATIONS SUPPORT .....	3,867,286	4,473,546
	Realign OCO requirements from Base to OCO .....		[606,260]
080	LAND FORCES SYSTEMS READINESS .....	550,068	550,068
090	LAND FORCES DEPOT MAINTENANCE .....	195,873	468,693
	Realign OCO requirements from Base to OCO .....		[272,820]
100	BASE OPERATIONS SUPPORT .....	109,560	715,820
	Realign OCO requirements from Base to OCO .....		[606,260]
110	FACILITIES SUSTAINMENT .....	60,807	60,807
140	ADDITIONAL ACTIVITIES .....	5,992,222	5,992,222
150	COMMANDERS EMERGENCY RESPONSE PROGRAM .....	10,000	10,000
160	RESET .....	1,036,454	1,036,454
180	US AFRICA COMMAND .....	248,796	263,796
	Contract personnel recovery/casualty evacuation in AFRICOM .....		[15,000]
190	US EUROPEAN COMMAND .....	98,127	98,127
200	US SOUTHERN COMMAND .....	2,550	2,550
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>15,876,377</b>	<b>18,225,487</b>
<b>MOBILIZATION</b>			
230	ARMY PREPOSITIONED STOCKS .....	158,753	0
	Realignment of EDI APS Unit Set from OCO to Base .....		[-158,753]
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>158,753</b>	<b>0</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
390	SERVICEWIDE TRANSPORTATION .....	712,230	863,830
	Realign OCO requirements from Base to OCO .....		[151,600]
400	CENTRAL SUPPLY ACTIVITIES .....	44,168	44,168
410	LOGISTIC SUPPORT ACTIVITIES .....	5,300	5,300
420	AMMUNITION MANAGEMENT .....	38,597	38,597
460	OTHER PERSONNEL SUPPORT .....	109,019	109,019
490	REAL ESTATE MANAGEMENT .....	191,786	191,786
565	CLASSIFIED PROGRAMS .....	1,074,270	1,074,270
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>2,175,370</b>	<b>2,326,970</b>
<b>UNDISTRIBUTED</b>			
570	UNDISTRIBUTED .....		-27,900
	Historical unobligated balances .....		[-27,900]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-27,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>18,210,500</b>	<b>20,524,557</b>
<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>			
<b>OPERATING FORCES</b>			
020	ECHELONS ABOVE BRIGADE .....	20,700	20,700
060	FORCE READINESS OPERATIONS SUPPORT .....	700	700
090	BASE OPERATIONS SUPPORT .....	20,487	20,487
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>41,887</b>	<b>41,887</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES ...</b>	<b>41,887</b>	<b>41,887</b>
<b>OPERATION &amp; MAINTENANCE, ARNG</b>			
<b>OPERATING FORCES</b>			
010	MANEUVER UNITS .....	42,519	42,519
020	MODULAR SUPPORT BRIGADES .....	778	778
030	ECHELONS ABOVE BRIGADE .....	12,093	12,093
040	THEATER LEVEL ASSETS .....	708	708

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
060	AVIATION ASSETS .....	28,135	28,135
070	FORCE READINESS OPERATIONS SUPPORT .....	5,908	5,908
100	BASE OPERATIONS SUPPORT .....	18,877	18,877
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	956	956
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>109,974</b>	<b>109,974</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
150	SERVICEWIDE COMMUNICATIONS .....	755	755
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>755</b>	<b>755</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>110,729</b>	<b>110,729</b>
	<b>AFGHAN NATIONAL ARMY</b>		
090	SUSTAINMENT .....	1,522,777	1,522,777
100	INFRASTRUCTURE .....	137,732	137,732
110	EQUIPMENT AND TRANSPORTATION .....	71,922	71,922
120	TRAINING AND OPERATIONS .....	175,846	175,846
	<b>SUBTOTAL AFGHAN NATIONAL ARMY .....</b>	<b>1,908,277</b>	<b>1,908,277</b>
	<b>AFGHAN NATIONAL POLICE</b>		
130	SUSTAINMENT .....	527,554	527,554
140	INFRASTRUCTURE .....	42,984	42,984
150	EQUIPMENT AND TRANSPORTATION .....	14,554	14,554
160	TRAINING AND OPERATIONS .....	181,922	181,922
	<b>SUBTOTAL AFGHAN NATIONAL POLICE .....</b>	<b>767,014</b>	<b>767,014</b>
	<b>AFGHAN AIR FORCE</b>		
170	SUSTAINMENT .....	942,279	942,279
180	INFRASTRUCTURE .....	30,350	30,350
190	EQUIPMENT AND TRANSPORTATION .....	572,310	572,310
200	TRAINING AND OPERATIONS .....	277,191	277,191
	<b>SUBTOTAL AFGHAN AIR FORCE .....</b>	<b>1,822,130</b>	<b>1,822,130</b>
	<b>AFGHAN SPECIAL SECURITY FORCES</b>		
210	SUSTAINMENT .....	353,734	353,734
220	INFRASTRUCTURE .....	43,132	43,132
230	EQUIPMENT AND TRANSPORTATION .....	151,790	151,790
240	TRAINING AND OPERATIONS .....	153,373	153,373
	<b>SUBTOTAL AFGHAN SPECIAL SECURITY FORCES .....</b>	<b>702,029</b>	<b>702,029</b>
	<b>TOTAL AFGHANISTAN SECURITY FORCES FUND .....</b>	<b>5,199,450</b>	<b>5,199,450</b>
	<b>COUNTER-ISIS TRAIN AND EQUIP FUND</b>		
	<b>COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)</b>		
010	IRAQ .....	850,000	850,000
020	SYRIA .....	300,000	300,000
030	OTHER .....	250,000	250,000
	<b>SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF) .....</b>	<b>1,400,000</b>	<b>1,400,000</b>
	<b>TOTAL COUNTER-ISIS TRAIN AND EQUIP FUND .....</b>	<b>1,400,000</b>	<b>1,400,000</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	435,507	435,507
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	800	800
040	AIR OPERATIONS AND SAFETY SUPPORT .....	9,394	9,394
050	AIR SYSTEMS SUPPORT .....	193,384	193,384
060	AIRCRAFT DEPOT MAINTENANCE .....	173,053	173,053
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	3,524	3,524
080	AVIATION LOGISTICS .....	60,219	60,219
090	MISSION AND OTHER SHIP OPERATIONS .....	942,960	942,960
100	SHIP OPERATIONS SUPPORT & TRAINING .....	20,236	20,236
110	SHIP DEPOT MAINTENANCE .....	1,022,647	1,022,647
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	59,553	59,553
160	WARFARE TACTICS .....	16,651	16,651
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	31,118	31,118
180	COMBAT SUPPORT FORCES .....	635,560	635,560
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	4,334	4,334
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	24,800	24,800

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
240	CYBERSPACE ACTIVITIES .....	355	355
280	WEAPONS MAINTENANCE .....	493,033	493,033
290	OTHER WEAPON SYSTEMS SUPPORT .....	12,780	12,780
310	FACILITIES SUSTAINMENT .....	67,321	67,321
320	BASE OPERATING SUPPORT .....	211,394	211,394
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>4,418,623</b>	<b>4,418,623</b>
	<b>MOBILIZATION</b>		
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	12,902	12,902
390	COAST GUARD SUPPORT .....	165,000	165,000
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>177,902</b>	<b>177,902</b>
	<b>TRAINING AND RECRUITING</b>		
430	SPECIALIZED SKILL TRAINING .....	51,138	51,138
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>51,138</b>	<b>51,138</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
510	ADMINISTRATION .....	4,145	4,145
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	7,503	7,503
580	SERVICEWIDE TRANSPORTATION .....	69,297	69,297
610	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	10,912	10,912
650	INVESTIGATIVE AND SECURITY SERVICES .....	1,559	1,559
765	CLASSIFIED PROGRAMS .....	16,076	16,076
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>109,492</b>	<b>109,492</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>4,757,155</b>	<b>4,757,155</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS OPERATING FORCES</b>		
010	OPERATIONAL FORCES .....	734,505	734,505
020	FIELD LOGISTICS .....	212,691	212,691
030	DEPOT MAINTENANCE .....	53,040	53,040
070	BASE OPERATING SUPPORT .....	23,047	23,047
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,023,283</b>	<b>1,023,283</b>
	<b>TRAINING AND RECRUITING</b>		
120	TRAINING SUPPORT .....	30,459	30,459
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>30,459</b>	<b>30,459</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	61,400	61,400
170	ADMINISTRATION .....	2,108	2,108
225	CLASSIFIED PROGRAMS .....	4,650	4,650
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>68,158</b>	<b>68,158</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>1,121,900</b>	<b>1,121,900</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES OPERATING FORCES</b>		
020	INTERMEDIATE MAINTENANCE .....	500	500
030	AIRCRAFT DEPOT MAINTENANCE .....	11,400	11,400
080	COMBAT SUPPORT FORCES .....	13,737	13,737
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>25,637</b>	<b>25,637</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES ....</b>	<b>25,637</b>	<b>25,637</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE OPERATING FORCES</b>		
010	OPERATING FORCES .....	2,550	2,550
040	BASE OPERATING SUPPORT .....	795	795
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,345</b>	<b>3,345</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RE- SERVE .....</b>	<b>3,345</b>	<b>3,345</b>
	<b>OPERATION &amp; MAINTENANCE, AIR FORCE OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	166,274	166,274
020	COMBAT ENHANCEMENT FORCES .....	1,492,580	1,492,580

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	110,237	110,237
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	209,996	209,996
050	FACILITIES SUSTAINMENT .....	92,412	92,412
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	1,289,693	1,289,693
070	FLYING HOUR PROGRAM .....	2,355,264	2,355,264
080	BASE SUPPORT .....	1,141,718	1,141,718
090	GLOBAL C3I AND EARLY WARNING .....	13,537	13,537
100	OTHER COMBAT OPS SPT PROGRAMS .....	224,713	224,713
110	CYBERSPACE ACTIVITIES .....	17,353	17,353
120	TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES .....	36,098	36,098
130	LAUNCH FACILITIES .....	385	385
140	SPACE CONTROL SYSTEMS .....	38,966	38,966
170	US NORTHCOM/NORAD .....	725	725
180	US STRATCOM .....	2,056	2,056
190	US CYBERCOM .....	35,189	35,189
200	US CENTCOM .....	162,691	162,691
210	US SOCOM .....	19,000	19,000
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>7,408,887</b>	<b>7,408,887</b>
	<b>MOBILIZATION</b>		
230	AIRLIFT OPERATIONS .....	1,287,659	1,287,659
240	MOBILIZATION PREPAREDNESS .....	107,064	107,064
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,394,723</b>	<b>1,394,723</b>
	<b>TRAINING AND RECRUITING</b>		
280	OFFICER ACQUISITION .....	300	300
290	RECRUIT TRAINING .....	340	340
330	SPECIALIZED SKILL TRAINING .....	25,327	25,327
340	FLIGHT TRAINING .....	844	844
350	PROFESSIONAL DEVELOPMENT EDUCATION .....	1,199	1,199
360	TRAINING SUPPORT .....	1,320	1,320
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>29,330</b>	<b>29,330</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
430	LOGISTICS OPERATIONS .....	154,485	154,485
440	TECHNICAL SUPPORT ACTIVITIES .....	13,608	13,608
480	ADMINISTRATION .....	4,814	4,814
490	SERVICEWIDE COMMUNICATIONS .....	131,123	131,123
500	OTHER SERVICEWIDE ACTIVITIES .....	97,471	97,471
540	INTERNATIONAL SUPPORT .....	240	240
545	CLASSIFIED PROGRAMS .....	51,108	51,108
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>452,849</b>	<b>452,849</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b>	<b>9,285,789</b>	<b>9,285,789</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>		
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	51,000	51,000
060	BASE SUPPORT .....	9,500	9,500
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>60,500</b>	<b>60,500</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RE- SERVE</b> .....	<b>60,500</b>	<b>60,500</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
020	MISSION SUPPORT OPERATIONS .....	3,560	3,560
060	BASE SUPPORT .....	12,310	12,310
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>15,870</b>	<b>15,870</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>15,870</b>	<b>15,870</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF .....	28,671	28,671
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....	3,733,161	3,733,161
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,761,832</b>	<b>3,761,832</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
100	DEFENSE CONTRACT AUDIT AGENCY .....	1,781	1,781

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
110	DEFENSE CONTRACT MANAGEMENT AGENCY .....	21,723	21,723
130	DEFENSE INFORMATION SYSTEMS AGENCY .....	111,702	111,702
150	DEFENSE LEGAL SERVICES AGENCY .....	127,023	127,023
170	DEFENSE MEDIA ACTIVITY .....	14,377	14,377
190	DEFENSE SECURITY COOPERATION AGENCY .....	2,208,442	2,008,442
	Transfer of funds to Ukraine Security Assistance fund .....		[-200,000]
230	DEFENSE THREAT REDUCTION AGENCY .....	302,250	302,250
250	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	31,620	31,620
290	OFFICE OF THE SECRETARY OF DEFENSE .....	16,579	16,579
310	WASHINGTON HEADQUARTERS SERVICES .....	7,766	7,766
315	CLASSIFIED PROGRAMS .....	1,944,813	1,944,813
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>4,788,076</b>	<b>4,588,076</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE .....</b>	<b>8,549,908</b>	<b>8,349,908</b>
	<b>UKRAINE SECURITY ASSISTANCE</b>		
010	UKRAINE SECURITY ASSISTANCE .....		250,000
	Program increase for defensive lethal assistance .....		[50,000]
	Transfer of funds from the Defense Security Cooperation Agency .....		[200,000]
	<b>SUBTOTAL UKRAINE SECURITY ASSISTANCE .....</b>		<b>250,000</b>
	<b>TOTAL UKRAINE SECURITY ASSISTANCE .....</b>		<b>250,000</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>48,782,670</b>	<b>51,146,727</b>

1 **TITLE XLIV—MILITARY**  
2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

**SEC. 4401. MILITARY PERSONNEL**  
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<b>Military Personnel Appropriations .....</b>	<b>140,689,301</b>	<b>139,988,801</b>
Control Grade Increase .....		[7,000]
Foreign Currency adjustments .....		[-218,000]
Historical unobligated balance .....		[-761,500]
Permanently reverse BAH reduction for Military Hous- ing Privatization Initiative .....		[275,000]
Program decrease .....		[-3,000]
<b>Medicare-Eligible Retiree Health Fund Contribu- tions .....</b>	<b>7,533,090</b>	<b>7,533,090</b>
<b>Total, Military Personnel .....</b>	<b>148,222,391</b>	<b>147,521,891</b>

4 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
5 **GENCY OPERATIONS.**

**SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<b>Military Personnel Appropriations .....</b>	<b>4,660,661</b>	<b>4,660,661</b>



# TITLE XLV—OTHER AUTHORIZATIONS

## SEC. 4501. OTHER AUTHORIZATIONS.

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
<b>WORKING CAPITAL FUND, ARMY</b>		
ARMY ARSENALS INITIATIVE .....	59,002	59,002
ARMY SUPPLY MANAGEMENT .....	99,763	99,763
<b>TOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>158,765</b>	<b>158,765</b>
<b>WORKING CAPITAL FUND, AIR FORCE</b>		
WORKING CAPITAL FUND .....	69,054	69,054
<b>TOTAL WORKING CAPITAL FUND, AIR FORCE ..</b>	<b>69,054</b>	<b>69,054</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>		
WORKING CAPITAL FUND SUPPORT .....	48,096	48,096
<b>TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE .....</b>	<b>48,096</b>	<b>48,096</b>
<b>WORKING CAPITAL FUND, DECA</b>		
WORKING CAPITAL FUND SUPPORT .....	1,266,200	1,266,200
<b>TOTAL WORKING CAPITAL FUND, DECA .....</b>	<b>1,266,200</b>	<b>1,266,200</b>
<b>NATIONAL DEFENSE SEALIFT FUND</b>		
SURGE SEALIFT RECAPITALIZATION .....		200,000
Program increase—one used vessel .....		[200,000]
LG MED SPD RO/RO MAINTENANCE .....		127,739
Transfer from OMN .....		[127,739]
DOD MOBILIZATION ALTERATIONS .....		20,858
Transfer from OMN .....		[20,858]
TAH MAINTENANCE .....		157,350
Service Life Extension of USNS Comfort (TAH 20) .....		[85,000]
Transfer from OMN .....		[72,350]
READY RESERVE AND PREPOSITIONING FORCE .....		310,805
Transfer from OMN .....		[310,805]
<b>TOTAL NATIONAL DEFENSE SEALIFT FUND .....</b>		<b>816,752</b>
<b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b>		
OPERATION & MAINTENANCE .....	105,997	105,997
RDT&E .....	886,728	886,728
PROCUREMENT .....	1,091	1,091
<b>TOTAL CHEM AGENTS &amp; MUNITIONS DE- STRUCTION .....</b>	<b>993,816</b>	<b>993,816</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	547,171	567,171
Combatting opioid trafficking and abuse .....		[20,000]
DRUG DEMAND REDUCTION PROGRAM .....	117,900	117,900
NATIONAL GUARD COUNTER-DRUG PROGRAM .....	117,178	117,178
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	5,276	5,276
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG AC- TIVITIES, DEF .....</b>	<b>787,525</b>	<b>807,525</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>		
OPERATION & MAINTENANCE .....	327,611	332,611
Program increase .....		[5,000]

<b>SEC. 4501. OTHER AUTHORIZATIONS</b> (In Thousands of Dollars)		
<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
PROCUREMENT .....	1,602	1,602
RDT&E .....	60	60
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b>	<b>329,273</b>	<b>334,273</b>
<b>DEFENSE HEALTH PROGRAM</b>		
<b>OPERATION &amp; MAINTENANCE</b>		
IN-HOUSE CARE .....	9,738,569	9,738,569
PRIVATE SECTOR CARE .....	15,103,735	15,103,735
CONSOLIDATED HEALTH SUPPORT .....	2,107,961	2,107,961
INFORMATION MANAGEMENT .....	2,039,878	2,039,878
MANAGEMENT ACTIVITIES .....	307,629	307,629
EDUCATION AND TRAINING .....	756,778	756,778
BASE OPERATIONS/COMMUNICATIONS .....	2,090,845	2,090,845
<b>RDT&amp;E</b>		
RESEARCH .....	11,386	11,386
EXPLORATORY DEVELOPMENT .....	75,010	80,010
Simulators and other technologies to reduce the use of live animal tissue for medical training .....		[5,000]
ADVANCED DEVELOPMENT .....	275,258	280,258
Simulators and other technologies to reduce the use of live animal tissue for medical training .....		[5,000]
DEMONSTRATION/VALIDATION .....	117,529	122,529
Simulators and other technologies to reduce the use of live animal tissue for medical training .....		[5,000]
ENGINEERING DEVELOPMENT .....	151,985	176,985
FDA approved devices to detect and monitor traumatic brain injury .....		[10,000]
Freeze-dried platelet derived hemostatic agents .....		[10,000]
Simulators and other technologies to reduce the use of live animal tissue for medical training .....		[5,000]
MANAGEMENT AND SUPPORT .....	63,755	63,755
CAPABILITIES ENHANCEMENT .....	15,714	15,714
<b>PROCUREMENT</b>		
INITIAL OUTFITTING .....	33,056	33,056
REPLACEMENT & MODERNIZATION .....	343,424	343,424
DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZA- TION .....	496,680	496,680
<b>UNDISTRIBUTED</b>		
UNDISTRIBUTED .....		-492,500
Foreign Currency adjustments .....		[-22,100]
Historical unobligated balances .....		[-470,400]
<b>TOTAL DEFENSE HEALTH PROGRAM</b>	<b>33,729,192</b>	<b>33,276,692</b>
<b>TOTAL OTHER AUTHORIZATIONS</b>	<b>37,381,921</b>	<b>37,771,173</b>

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

<b>SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)		
<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<b>WORKING CAPITAL FUND, ARMY</b>		
ARMY SUPPLY MANAGEMENT .....	6,600	6,600
<b>TOTAL WORKING CAPITAL FUND, ARMY</b>	<b>6,600</b>	<b>6,600</b>
<b>WORKING CAPITAL FUND, AIR FORCE</b>		
WORKING CAPITAL FUND .....	8,590	8,590

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<b>TOTAL WORKING CAPITAL FUND, AIR FORCE .....</b>	<b>8,590</b>	<b>8,590</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	153,100	153,100
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF .....</b>	<b>153,100</b>	<b>153,100</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>		
OPERATION & MAINTENANCE .....	24,692	24,692
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>24,692</b>	<b>24,692</b>
<b>DEFENSE HEALTH PROGRAM</b>		
<b>OPERATION &amp; MAINTENANCE</b>		
IN-HOUSE CARE .....	72,627	72,627
PRIVATE SECTOR CARE .....	277,066	277,066
CONSOLIDATED HEALTH SUPPORT .....	2,375	2,375
<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>352,068</b>	<b>352,068</b>
<b>TOTAL OTHER AUTHORIZATIONS .....</b>	<b>545,050</b>	<b>545,050</b>

# 1 **TITLE XLVI—MILITARY**

## 2 **CONSTRUCTION**

### 3 **SEC. 4601. MILITARY CONSTRUCTION.**

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<i>Account</i>	<i>State/Country and Installation</i>	<i>Project Title</i>	<i>FY 2019 Request</i>	<i>House Agreement</i>
Army	Alabama			
	Anniston Army Depot	Weapon Maintenance Shop .....	5,200	5,200
	California			
Army	Fort Irwin	Multipurpose Range Complex .....	29,000	29,000
	Colorado			
Army	Fort Carson	Vehicle Maintenance Shop .....	77,000	77,000
	Georgia			
Army	Fort Gordon	Cyber Instructional Fac and Network Ctr .....	99,000	99,000
	Germany			
Army	East Camp Grafenwoehr	Mission Training Complex .....	31,000	31,000
	Hawaii			
Army	Fort Shafter	Command and Control Facility, Incr 4 .....	105,000	95,000
	Honduras			
Army	Soto Cano Air Base	Barracks .....	21,000	21,000
	Indiana			
Army	Crane Army Ammunition Plant	Railcar Holding Area .....	16,000	16,000
	Kentucky			
Army	Fort Campbell	Microgrid and Power Plant .....	0	18,000
Army	Fort Campbell	Vehicle Maintenance Shop .....	32,000	32,000
Army	Fort Knox	Digital Air/Ground Integration Range .....	26,000	26,000
	Korea			
Army	Camp Tango	Command and Control Facility .....	17,500	17,500
	Kuwait			
Army	Camp Arifjan	Vehicle Maintenance Shop .....	44,000	44,000
	Maryland			
Army	Fort Meade	Cantonment Area Roads .....	0	16,500
	New Jersey			
Army	Picatinny Arsenal	Munitions Disassembly Complex .....	41,000	41,000
	New Mexico			
Army	White Sands Missile Range	Information Systems Facility .....	40,000	40,000
	New York			
Army	U.S. Military Academy	Engineering Center .....	95,000	95,000
Army	U.S. Military Academy	Parking Structure .....	65,000	65,000
	North Carolina			

<b>SEC. 4601. MILITARY CONSTRUCTION</b> <b>(In Thousands of Dollars)</b>				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
Army	Fort Bragg	Dining Facility .....	10,000	10,000
	South Carolina			
Army	Fort Jackson	Trainee Barracks Complex 3, Ph2 .....	52,000	52,000
	Texas			
Army	Fort Bliss	Supply Support Activity .....	24,000	24,000
Army	Fort Hood	Supply Support Activity .....	0	9,600
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	Force Protection and Safety .....	0	50,000
Army	Unspecified Worldwide Locations	Host Nation Support .....	34,000	34,000
Army	Unspecified Worldwide Locations	Planning and Design .....	76,068	76,068
Army	Unspecified Worldwide Locations	Unspecified Minor Construction .....	72,000	72,000
<b>Military Construction, Army Total .....</b>			<b>1,011,768</b>	<b>1,095,868</b>
	Arizona			
Navy	Camp Navajo	Missile Motor Magazines and U&SI .....	0	14,800
	Bahamas			
Navy	Andros Island	AUTEC Austere Quarters .....	31,050	31,050
	Bahrain			
Navy	SW Asia	Fleet Maintenance Facility & TOC .....	26,340	26,340
	California			
Navy	Camp Pendleton	AAV-ACV Maintenance & Warehouse Facility .....	49,410	49,410
Navy	Camp Pendleton	Electrical Upgrades .....	4,020	4,020
Navy	Camp Pendleton	Full Motion Trainer Facility .....	10,670	10,670
Navy	Camp Pendleton	Potable Water Distribution Improvements .....	47,230	47,230
Navy	Camp Pendleton	Supply Warehouse SOI-West .....	0	16,600
Navy	Marine Corps Air Station Miramar	Airfield Security Improvements .....	11,500	11,500
Navy	Marine Corps Air Station Miramar	F-35 Vertical Landing Pads and Taxiway .....	20,480	20,480
Navy	Naval Air Station Lemoore	Communications Line Ops to Admin .....	0	14,900
Navy	Naval Air Station Lemoore	F-35 Maintenance Hangar .....	112,690	112,690
	Naval Base Coronado			
Navy	Naval Base Coronado	Aircraft Paint Complex .....	0	78,800
Navy	Naval Base San Diego	CMV-22B Airfield Improvements .....	77,780	77,780
Navy	Naval Base San Diego	Harbor Drive Switching Station .....	48,440	48,440
Navy	Naval Base San Diego	LCS Mission Module Readiness Center .....	0	19,500
Navy	Naval Base San Diego	Pier 8 Replacement .....	108,100	48,747
Navy	Naval Base Ventura	Directed Energy Systems Intergration Lab .....	22,150	22,150
Navy	Naval Base Ventura	Missile Assembly Build & High Explosive Mag .....	31,010	31,010
Navy	Naval Weapons Station Seal Beach	Causeway, Boat Channel & Turning Basin .....	117,830	117,830
Navy	Naval Weapons Station Seal Beach	Missile Magazines .....	0	21,800
	Cuba			
Navy	Naval Station Guantanamo Bay	Consolidated Fire Station .....	0	19,700
Navy	Naval Station Guantanamo Bay	Solid Waste Management Facility .....	85,000	85,000
	District of Columbia			
Navy	Naval Observatory	Master Time Clocks & Operations Facility .....	115,600	60,000
	Florida			
Navy	Naval Air Station Whiting Field	Air Traffic Control Tower (North Field) .....	0	10,000
Navy	Naval Station Mayport	LCS Operational Training Facility Addition .....	29,110	29,110
Navy	Naval Station Mayport	LCS Support Facility .....	82,350	82,350
	Georgia			
Navy	Marine Corps Base Albany	Welding and Body Repair Shop Facility .....	0	31,900
	Germany			
Navy	Panzer Kaserne	MARFOREUR HQ Modernization and Expansion ....	43,950	43,950
	Guam			
Navy	Joint Region Marianas	ACE Gym & Dining .....	27,910	27,910
Navy	Joint Region Marianas	Earth Covered Magazines .....	52,270	52,270
Navy	Joint Region Marianas	Machine Gun Range .....	141,287	70,000
Navy	Joint Region Marianas	Ordnance Ops .....	22,020	22,020
Navy	Joint Region Marianas	Unaccompanied Enlisted Housing .....	36,170	36,170
Navy	Naval Base Guam	X-Ray Wharf Improvements (Berth 2) .....	0	75,600
	Hawaii			
Navy	Joint Base Pearl Harbor-Hickam	Drydock Waterfront Facility .....	45,000	45,000
Navy	Joint Base Pearl Harbor-Hickam	Water Transmission Line .....	78,320	78,320

<b>SEC. 4601. MILITARY CONSTRUCTION</b> <b>(In Thousands of Dollars)</b>				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
Navy	Marine Corps Base Hawaii	Corrosion Control Hangar .....	66,100	66,100
Navy	Japan Kadena Air Base	Tactical Operations Center .....	9,049	9,049
Navy	Maine Portsmouth Naval Yard	Dry Dock #1 Superflood Basin .....	109,960	51,639
Navy	Portsmouth Naval Yard	Extend Portal Crane Rail .....	39,725	39,725
Navy	Mississippi Naval Construction Battalion Center	Expeditionary Combat Skills Student Berthing .....	0	22,300
Navy	North Carolina Camp Lejeune	2nd Radio BN Complex, Phase 2 .....	0	51,300
Navy	Marine Corps Air Station Cherry Point	Aircraft Maintenance Hangar .....	133,970	60,000
Navy	Marine Corps Air Station Cherry Point	Flightline Utility Modernization .....	106,860	55,000
Navy	Pennsylvania Naval Support Activity Philadelphia	Submarine Propulsor Manufacturing Support Fac ....	71,050	71,050
Navy	South Carolina Marine Corps Air Station Beaufort	Cryogenics Facility .....	0	6,300
Navy	Marine Corps Air Station Beaufort	Recycling/Hazardous Waste Facility .....	9,517	9,517
Navy	Marine Corps Recruit Depot, Parris Island	Range Improvements & Modernization, Phase 2 .....	35,190	35,190
Navy	Utah Hill Air Force Base	D5 Missile Motor Receipt/Storage Facility .....	105,520	55,000
Navy	Virginia Marine Corps Base Quantico	Ammunition Supply Point Upgrade, Phase 2 .....	0	13,100
Navy	Marine Corps Base Quantico	TBS Fire Station .....	21,980	0
Navy	Portsmouth	Ships Maintenance Facility .....	26,120	26,120
Navy	Washington Bangor	Pier and Maintenance Facility .....	88,960	88,960
Navy	Naval Air Station Whidbey Island	Fleet Support Facility .....	19,450	19,450
Navy	Naval Air Station Whidbey Island	Next Generation Jammer Facility .....	7,930	7,930
Navy	Worldwide Unspecified Locations	Force Protection and Safety .....	0	50,000
Navy	Unspecified Worldwide Locations	Planning and Design .....	185,542	177,542
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction .....	28,579	28,579
<b>Military Construction, Navy Total .....</b>			<b>2,543,189</b>	<b>2,538,898</b>
AF	Alaska Eielson Air Force Base	F-35 Aircraft Maintenance Unit Admin Facility .....	6,800	6,800
AF	Eielson Air Force Base	F-35 Conventional Munitions Maintenance Fac .....	15,500	15,500
AF	Eielson Air Force Base	F-35A CATM Range .....	19,000	19,000
AF	Eielson Air Force Base	F-35A School Age Facility .....	22,500	22,500
AF	Arizona Davis Monthan Air Force Base	AGE Facility .....	0	15,000
AF	Luke Air Force Base	F-35A Aircraft Maintenance Unit Facility .....	23,000	23,000
AF	Luke Air Force Base	F-35A Squad Ops #6 .....	17,000	17,000
AF	Arkansas Little Rock Air Force Base	Dormitory - 168 PN .....	0	26,000
AF	Florida Eglin Air Force Base	F-35A Integrated Trng Center Academics Bldg .....	34,863	34,863
AF	Eglin Air Force Base	F-35A Student Dormitory II .....	28,000	28,000
AF	MacDill Air Force Base	KC135 Beddown Add Flight Simulator Training .....	3,100	3,100
AF	Patrick Air Force Base	Main Gate .....	0	9,000
AF	Guam Joint Region Marianas	Hayman Munitions Storage Igloos MSA 2 .....	9,800	9,800
AF	Louisiana Barksdale Air Force Base	Entrance Road and Gate Complex .....	0	12,250
AF	Mariana Islands Tinian	APR—Cargo Pad with Taxiway Extension .....	46,000	46,000
AF	Tinian	APR—Maintenance Support Facility .....	4,700	4,700
AF	Maryland Joint Base Andrews	Child Development Center .....	0	13,000

<b>SEC. 4601. MILITARY CONSTRUCTION</b> <b>(In Thousands of Dollars)</b>				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
AF	Joint Base Andrews	MWD Facility .....	0	8,000
AF	Joint Base Andrews	PAR Relocate Haz Cargo Pad and EOD Range .....	37,000	37,000
AF	Joint Base Andrews	Presidential Aircraft Recap Complex, Inc. 2 .....	154,000	123,116
AF	Massachusetts Hanscom Air Force Base	MIT-Lincoln Laboratory (West Lab CSL/MIF) .....	225,000	40,000
AF	Nebraska Offutt Air Force Base	Parking Lot, USSTRATCOM .....	9,500	9,500
AF	Nevada Creech Air Force Base	MQ-9 CPIP GCS Operations Facility .....	28,000	28,000
AF	Creech Air Force Base	MQ-9 CPIP Operations & Command Center Fac. ....	31,000	31,000
AF	Nellis Air Force Base	CRH Simulator .....	5,900	5,900
AF	New Mexico Holloman Air Force Base	MQ-9 FTU Ops Facility .....	85,000	85,000
AF	Kirtland Air Force Base	Wyoming Gate Upgrade for Anti-terrorism Compliance.	0	7,000
AF	New York Rome Lab	Anti-Terrorism Perimeter Security / Entry Control Point.	0	14,200
AF	North Dakota Minot Air Force Base	Consolidated Helo/TRF Ops/AMU and Alert Fac .....	66,000	66,000
AF	Ohio Wright-Patterson Air Force Base	ADAL Intelligence Production Complex (NASIC) .....	116,100	61,000
AF	Oklahoma Altus Air Force Base	KC-46A FTU/FTC Simulator Facility Ph 3 .....	12,000	12,000
AF	Tinker Air Force Base	KC-46A Depot Fuel Maintenance Hangar .....	85,000	85,000
AF	Tinker Air Force Base	KC-46A Depot Maintenance Hangar .....	81,000	81,000
AF	Qatar Al Udeid	Flightline Support Facilities .....	30,400	0
AF	Al Udeid	Personnel Deployment Processing Facility .....	40,000	0
AF	South Carolina Shaw Air Force Base	CPIP MQ-9 MCE GROUP .....	53,000	53,000
AF	Texas Joint Base San Antonio	BMT Recruit Dormitory 6 .....	25,000	25,000
AF	United Kingdom RAF Lakenheath	F-35A 6 Bay Hangar .....	39,036	39,036
AF	RAF Lakenheath	F-35A ADAL Conventional Munitions MX .....	9,204	9,204
AF	RAF Lakenheath	F-35A ADAL Parts Store .....	13,926	13,926
AF	RAF Lakenheath	F-35A AGE Facility .....	12,449	12,449
AF	RAF Lakenheath	F-35A Dorm .....	29,541	29,541
AF	RAF Lakenheath	F-35A Fuel System Maintenance Dock 2 Bay .....	16,880	16,880
AF	RAF Lakenheath	F-35A Parking Apron .....	27,431	27,431
AF	Utah Hill Air Force Base	Composite Aircraft Antenna Calibration Fac .....	0	26,000
AF	Washington Fairchild—White Bluff	ADAL JPRA C2 Mission Support Facility .....	0	14,000
AF	Worldwide Classified Classified Location	TACMOR—Utilities and Infrastructure Support .....	18,000	18,000
AF	Worldwide Unspecified Unspecified Worldwide Locations	Force Protection and Safety .....	0	50,000
AF	Various Worldwide Locations	Planning and Design .....	206,577	198,577
AF	Various Worldwide Locations	Unspecified Minor Military Construction .....	38,500	38,500
<b>Military Construction, AF Total .....</b>			<b>1,725,707</b>	<b>1,570,773</b>
Def-Wide	Alaska Clear Air Force Station	Long Range Discrim Radar Sys Complex Ph2 .....	174,000	130,000
Def-Wide	Fort Greely	Missile Field #1 Expansion .....	8,000	0
Def-Wide	Joint Base Elmendorf-Richardson	Operations Facility Replacement .....	14,000	14,000
Def-Wide	Arkansas Little Rock Air Force Base	Hydrant Fuel System Alterations .....	14,000	14,000
Def-Wide	Belgium Chievres Air Base	Europe West District Superintendent's Office .....	14,305	14,305
Def-Wide	California Camp Pendleton	SOF EOD Facility—West .....	3,547	3,547
Def-Wide	Camp Pendleton	SOF Human Performance Training Center-West .....	9,049	9,049
Def-Wide	Defense Distribution Depot-Tracy	Main Access Control Point Upgrades .....	18,800	18,800
Def-Wide	Naval Base Coronado	SOF ATC Applied Instruction Facility .....	14,819	14,819
Def-Wide	Naval Base Coronado	SOF ATC Training Facility .....	18,329	18,329
Def-Wide	Naval Base Coronado	SOF Close Quarters Combat Facility .....	12,768	12,768

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
Def-Wide	Naval Base Coronado	SOF NSWG-1 Operations Support Facility .....	25,172	25,172
	Colorado			
Def-Wide	Fort Carson	SOF Human Performance Training Center .....	15,297	15,297
Def-Wide	Fort Carson	SOF Mountaineering Facility .....	9,000	9,000
	Conus Classified			
Def-Wide	Classified Location	Battalion Complex, PH2 .....	49,222	49,222
	Cuba			
Def-Wide	Naval Base Guantana- mo Bay	Working Dog Treatment Facility Replacement .....	9,080	9,080
	Germany			
Def-Wide	Baumholder	SOF Joint Parachute Rigging Facility .....	11,504	11,504
Def-Wide	Kaiserslautern Air Base	Kaiserslautern Middle School .....	99,955	99,955
Def-Wide	Rhine Ordnance Bar- racks	Medical Center Replacement Inc. 8 .....	319,589	319,589
Def-Wide	Weisbaden	Clay Kaserne Elementary School .....	56,048	56,048
	Japan			
Def-Wide	Camp Mctureous	Bechtel Elementary School .....	94,851	94,851
Def-Wide	Iwakuni	Fuel Pier .....	33,200	33,200
Def-Wide	Kadena Air Base	Truck Unload Facilities .....	21,400	21,400
Def-Wide	Yokosuka	Kinnick High School .....	170,386	40,000
	Kentucky			
Def-Wide	Fort Campbell	Ft Campbell Middle School .....	62,634	62,634
Def-Wide	Fort Campbell	SOF Air/Ground Integ. Urban Live Fire Range .....	9,091	9,091
Def-Wide	Fort Campbell	SOF Logistics Support Operations Facility .....	5,435	5,435
Def-Wide	Fort Campbell	SOF Multi-Use Helicopter Training Facility .....	5,138	5,138
	Maine			
Def-Wide	Kittery	Consolidated Warehouse Replacement .....	11,600	11,600
	Maryland			
Def-Wide	Fort Meade	Mission Support Operations Warehouse Facility .....	30,000	30,000
Def-Wide	Fort Meade	NSAW Recapitalize Building #2 Inc 4 .....	218,000	218,000
Def-Wide	Fort Meade	NSAW Recapitalize Building #3 Inc 1 .....	99,000	99,000
	Missouri			
Def-Wide	St. Louis	Nert NGA West (N2W) Complex Phase 1 Inc. 2 .....	213,600	181,000
Def-Wide	St. Louis	Nert NGA West (N2W) Complex Phase 2 Inc. 1 .....	110,000	110,000
	New Jersey			
Def-Wide	Joint Base McGuire-Dix- Lakehurst	Hot Cargo Hydrant System Replacement .....	10,200	10,200
	North Carolina			
Def-Wide	Fort Bragg	SOF Replace Training Maze and Tower .....	12,109	12,109
Def-Wide	Fort Bragg	SOF SERE Resistance Training Lab. Complex .....	20,257	20,257
Def-Wide	New River	Amb Care Center/Dental Clinic Replacement .....	32,580	32,580
	Oklahoma			
Def-Wide	McAlester	Bulk Diesel System Replacement .....	7,000	7,000
	Texas			
Def-Wide	Joint Base San Antonio	Energy Aerospace Operations Facility .....	10,200	10,200
Def-Wide	Red River Army Depot	General Purpose Warehouse .....	71,500	71,500
	United Kingdom			
Def-Wide	Croughton RAF	Ambulatory Care Center Addition/Alteration .....	10,000	0
	Virginia			
Def-Wide	Fort A.P. Hill	Training Campus .....	11,734	11,734
Def-Wide	Fort Belvoir	Human Performance Training Center .....	6,127	6,127
Def-Wide	Humphreys Engineer Center	Maintenance and Supply Facility .....	20,257	20,257
Def-Wide	Joint Base Langley- Eustis	Fuel Facilities Replacement .....	6,900	6,900
Def-Wide	Joint Base Langley- Eustis	Ground Vehicle Fueling Facility Replacement .....	5,800	5,800
Def-Wide	Pentagon	Exterior Infrastruc. & Security Improvements .....	23,650	23,650
Def-Wide	Pentagon	North Village VACP & Fencing .....	12,200	12,200
Def-Wide	Training Center Dam Neck	SOF Magazines .....	8,959	8,959
	Washington			
Def-Wide	Joint Base Lewis- McChord	Refueling Facility .....	26,200	26,200
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	Contingency Construction .....	10,000	0
Def-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog. ....	150,000	165,000
Def-Wide	Unspecified Worldwide Locations	ERCIP Design .....	10,000	10,000
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction .....	12,479	12,479
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	86,941	86,941
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	31,642	31,642
Def-Wide	Various Worldwide Lo- cations	Planning & Design .....	42,705	42,705

<b>SEC. 4601. MILITARY CONSTRUCTION</b> <b>(In Thousands of Dollars)</b>				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
Def-Wide	Various Worldwide Locations	Planning and Design .....	55,699	55,699
Def-Wide	Various Worldwide Locations	Unspecified Minor Construction .....	17,366	17,366
<b>Military Construction, Def-Wide Total .....</b>			<b>2,693,324</b>	<b>2,473,338</b>
NATO	Worldwide Unspecified NATO Security Investment Program	Nato Security Investment Program .....	171,064	171,064
<b>NATO Security Investment Program Total .....</b>			<b>171,064</b>	<b>171,064</b>
Army NG	Alaska Joint Base Elmendorf-Richardson	United States Property & Fiscal Office .....	27,000	27,000
Army NG	Illinois Marseilles Training Center	Automated Record Fire Range .....	5,000	5,000
Army NG	Montana Malta	National Guard Readiness Center .....	15,000	15,000
Army NG	Nevada North Las Vegas	National Guard Readiness Center .....	32,000	32,000
Army NG	New Hampshire Pembroke	National Guard Readiness Center .....	12,000	12,000
Army NG	North Dakota Fargo	National Guard Readiness Center .....	32,000	32,000
Army NG	Ohio Camp Ravenna	Automated Multipurpose Machine Gun Range .....	7,400	7,400
Army NG	Oklahoma Lexington	Aircraft Vehicle Storage Building .....	0	11,000
Army NG	South Dakota Rapid City	National Guard Readiness Center .....	15,000	15,000
Army NG	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design .....	16,622	16,622
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	18,100	18,100
<b>Military Construction, Army National Guard Total .....</b>			<b>180,122</b>	<b>191,122</b>
Army Res	California Fort Irwin	ECS Modified TEMF / Warehouse .....	34,000	34,000
Army Res	Washington Yakima Training Center	ECS Modified TEMF .....	0	23,000
Army Res	Wisconsin Fort McCoy	Transient Training Barracks .....	23,000	23,000
Army Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design .....	5,855	5,855
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	2,064	2,064
<b>Military Construction, Army Reserve Total .....</b>			<b>64,919</b>	<b>87,919</b>
N/MC Res	California Naval Weapons Station Seal Beach	Reserve Training Center .....	21,740	21,740
N/MC Res	Georgia Fort Benning	Reserve Training Center .....	13,630	13,630
N/MC Res	Pennsylvania Pittsburgh	Reserve Training Center .....	0	0
N/MC Res	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design .....	4,695	4,695
N/MC Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
<b>Military Construction, Naval Reserve Total .....</b>			<b>43,065</b>	<b>43,065</b>
Air NG	California Channel Islands Air National Guard Station	Construct C-130J Flight Simulator Facility .....	8,000	8,000
Air NG	Hawaii Joint Base Pearl Harbor-Hickam	Construct Addition to F-22 LO/CRF B3408 .....	17,000	17,000
Illinois				



<b>SEC. 4601. MILITARY CONSTRUCTION</b> <b>(In Thousands of Dollars)</b>				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
Air NG	Greater Peoria Regional Airport	Construct New Fire Crash/Rescue Station .....	9,000	9,000
Air NG	Louisiana			
Air NG	New Orleans	NORTHCOM—Construct Alert Apron .....	15,000	15,000
Air NG	New Orleans	NORTHCOM—Construct Alert Facilities .....	0	24,000
Air NG	Minnesota			
Air NG	Duluth International Airport	Construct Small Arms Range .....	0	8,000
Air NG	Montana			
Air NG	Great Falls International Airport	Construct Aircraft Apron .....	0	9,000
Air NG	New York			
Air NG	Francis S. Gabreski Airport	Security Forces/Comm.Training Facility .....	20,000	20,000
Air NG	Ohio			
Air NG	Mansfield Lahm Airport	Replace Fire Station .....	0	13,000
Air NG	Rickenbacker International Airport	Construct Small Arms Range .....	0	8,000
Air NG	Pennsylvania			
Air NG	Fort Indiantown Gap	Replace Operations Training/Dining Hall .....	8,000	8,000
Air NG	Virginia			
Air NG	Joint Base Langley-Eustis	Construct Cyber Ops Facility .....	10,000	10,000
Air NG	Worldwide Unspecified			
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	23,626	23,626
Air NG	Various Worldwide Locations	Planning and Design .....	18,500	18,500
<b>Military Construction, Air National Guard Total .....</b>			<b>129,126</b>	<b>191,126</b>
AF Res	Florida			
AF Res	Patrick Air Force Base	HC-130J Mr Hanger .....	0	24,000
AF Res	Indiana			
AF Res	Grissom Air Reserve Base	Add/Alter Aircraft Maintenance Hangar .....	12,100	12,100
AF Res	Grissom Air Reserve Base	Aerial Port Facility .....	0	9,400
AF Res	Massachusetts			
AF Res	Westover Air Reserve Base	Regional ISO Mr Hanger .....	0	42,600
AF Res	Minnesota			
AF Res	Minneapolis-St Paul International Airport	Small Arms Range .....	9,000	9,000
AF Res	Mississippi			
AF Res	Keesler Air Force Base	Aeromedical Staging Squadron Facility .....	4,550	4,550
AF Res	New York			
AF Res	Niagara Falls International Airport	Physical Fitness Center .....	14,000	14,000
AF Res	Ohio			
AF Res	Youngstown Air Rserve Station	Relocation Main Gate .....	0	8,800
AF Res	Texas			
AF Res	Naval Air Station Joint Reserve Base Fort Worth	Munitions Training/Admin Facility .....	3,100	3,100
AF Res	Worldwide Unspecified			
AF Res	Unspecified Worldwide Locations	Planning & Design .....	4,055	4,055
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,358	3,358
<b>Military Construction, Air Force Reserve Total .....</b>			<b>50,163</b>	<b>134,963</b>
FH Con Army	Germany			
FH Con Army	Baumholder	Family Housing Improvements .....	32,000	32,000
FH Con Army	Italy			
FH Con Army	Vicenza	Family Housing New Construction .....	95,134	95,134
FH Con Army	Korea			
FH Con Army	Camp Humphreys	Family Housing New Construction Incr 3 .....	85,000	85,000
FH Con Army	Camp Walker	Family Housing Replacement Construction .....	68,000	68,000
FH Con Army	Puerto Rico			
FH Con Army	Fort Buchanan	Family Housing Replacement Construction .....	26,000	26,000
FH Con Army	Wisconsin			
FH Con Army	Fort McCoy	Family Housing New Construction .....	6,200	6,200
FH Con Army	Worldwide Unspecified			
FH Con Army	Unspecified Worldwide Locations	Family Housing P & D .....	18,326	18,326

<b>SEC. 4601. MILITARY CONSTRUCTION</b> <b>(In Thousands of Dollars)</b>				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
<b>Family Housing Construction, Army Total .....</b>			<b>330,660</b>	<b>330,660</b>
	Worldwide Unspecified			
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings .....</i>	<i>15,842</i>	<i>15,842</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Housing Privatization Support .....</i>	<i>18,801</i>	<i>20,301</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing .....</i>	<i>161,252</i>	<i>161,252</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance .....</i>	<i>75,530</i>	<i>75,530</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Management .....</i>	<i>36,302</i>	<i>34,802</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Miscellaneous .....</i>	<i>408</i>	<i>408</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Services .....</i>	<i>10,502</i>	<i>10,502</i>
<i>FH Ops Army</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities .....</i>	<i>57,872</i>	<i>57,872</i>
<b>Family Housing Operation And Maintenance, Army Total .....</b>			<b>376,509</b>	<b>376,509</b>
	Mariana Islands			
<i>FH Con Navy</i>	<i>Guam</i>	<i>Replace Anderson Housing PH III .....</i>	<i>83,441</i>	<i>83,441</i>
	Worldwide Unspecified			
<i>FH Con Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Design, Washington DC .....</i>	<i>4,502</i>	<i>4,502</i>
<i>FH Con Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Improvements, Washington DC .....</i>	<i>16,638</i>	<i>16,638</i>
<b>Family Housing Construction, Navy And Marine Corps Total .....</b>			<b>104,581</b>	<b>104,581</b>
	Worldwide Unspecified			
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings .....</i>	<i>16,395</i>	<i>16,395</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Housing Privatization Support .....</i>	<i>21,767</i>	<i>23,267</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing .....</i>	<i>62,515</i>	<i>62,515</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance .....</i>	<i>86,328</i>	<i>86,328</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Management .....</i>	<i>50,870</i>	<i>49,370</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Miscellaneous .....</i>	<i>148</i>	<i>148</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Services .....</i>	<i>16,261</i>	<i>16,261</i>
<i>FH Ops Navy</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities .....</i>	<i>60,252</i>	<i>60,252</i>
<b>Family Housing Operation And Maintenance, Navy And Marine Corps Total .....</b>			<b>314,536</b>	<b>314,536</b>
	Worldwide Unspecified			
<i>FH Con AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Construction Improvements .....</i>	<i>75,247</i>	<i>75,247</i>
<i>FH Con AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Planning &amp; Design .....</i>	<i>3,199</i>	<i>3,199</i>
<b>Family Housing Construction, Air Force Total .....</b>			<b>78,446</b>	<b>78,446</b>
	Worldwide Unspecified			
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Furnishings .....</i>	<i>30,645</i>	<i>30,645</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Housing Privatization Support .....</i>	<i>22,205</i>	<i>23,705</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing .....</i>	<i>15,832</i>	<i>15,832</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance .....</i>	<i>129,763</i>	<i>129,763</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Management .....</i>	<i>54,423</i>	<i>52,923</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Miscellaneous .....</i>	<i>2,171</i>	<i>2,171</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Services .....</i>	<i>13,669</i>	<i>13,669</i>
<i>FH Ops AF</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities .....</i>	<i>48,566</i>	<i>48,566</i>

<b>SEC. 4601. MILITARY CONSTRUCTION</b> (In Thousands of Dollars)				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
<b>Family Housing Operation And Maintenance, Air Force Total .....</b>			<b>317,274</b>	<b>317,274</b>
<i>FH Ops DW</i>	<i>Worldwide Unspecified Unspecified Worldwide Locations</i>	<i>Furnishings .....</i>	<i>1,060</i>	<i>1,060</i>
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Leasing .....</i>	<i>51,278</i>	<i>51,278</i>
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Maintenance .....</i>	<i>1,663</i>	<i>1,663</i>
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Management .....</i>	<i>155</i>	<i>155</i>
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Services .....</i>	<i>2</i>	<i>2</i>
<i>FH Ops DW</i>	<i>Unspecified Worldwide Locations</i>	<i>Utilities .....</i>	<i>4,215</i>	<i>4,215</i>
<b>Family Housing Operation And Maintenance, Defense-Wide Total .....</b>			<b>58,373</b>	<b>58,373</b>
<i>FHIF</i>	<i>Worldwide Unspecified Unspecified Worldwide Locations</i>	<i>Administrative Expenses—FHIF .....</i>	<i>1,653</i>	<i>1,653</i>
<b>DOD Family Housing Improvement Fund Total .....</b>			<b>1,653</b>	<b>1,653</b>
<i>UHIF</i>	<i>Worldwide Unspecified Unaccompanied Housing Improvement Fund</i>	<i>Administrative Expenses—UHIF .....</i>	<i>600</i>	<i>600</i>
<b>Unaccompanied Housing Improvement Fund Total .....</b>			<b>600</b>	<b>600</b>
<i>BRAC</i>	<i>Worldwide Unspecified Unspecified Worldwide Locations</i>	<i>Base Realignment and Closure .....</i>	<i>62,796</i>	<i>80,906</i>
<i>BRAC</i>	<i>Unspecified Worldwide Locations</i>	<i>Base Realignment and Closure .....</i>	<i>151,839</i>	<i>170,949</i>
<i>BRAC</i>	<i>Unspecified Worldwide Locations</i>	<i>Base Realignment and Closure .....</i>	<i>52,903</i>	<i>71,013</i>
<b>Base Realignment and Closure Total .....</b>			<b>267,538</b>	<b>322,868</b>
<i>PYS</i>	<i>Prior Year Savings Prior Year Savings</i>	<i>Prior Year Savings .....</i>	<i>0</i>	<i>–71,158</i>
<b>Prior Year Savings Total .....</b>			<b>0</b>	<b>–71,158</b>
<b>Total, Military Construction .....</b>			<b>10,462,617</b>	<b>10,332,478</b>

## 1 SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-

## 2 TINGENCY OPERATIONS.

<b>SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
<i>Army</i>	<i>Bulgaria Nevo Selo</i>	<i>EDI: Ammunition Holding Area .....</i>	<i>5,200</i>	<i>5,200</i>
<i>Army</i>	<i>Cuba Guantanamo Bay</i>	<i>High Value Detention Facility .....</i>	<i>69,000</i>	<i>0</i>
<i>Army</i>	<i>Poland Drawsko Pomorski Training Area</i>	<i>EDI: Staging Area .....</i>	<i>17,000</i>	<i>17,000</i>
<i>Army</i>	<i>Powidz Air Base</i>	<i>EDI: Ammunition Storage Facility .....</i>	<i>52,000</i>	<i>52,000</i>
<i>Army</i>	<i>Powidz Air Base</i>	<i>EDI: Bulk Fuel Storage .....</i>	<i>21,000</i>	<i>21,000</i>
<i>Army</i>	<i>Powidz Air Base</i>	<i>EDI: Rail Extension &amp; Railhead .....</i>	<i>14,000</i>	<i>14,000</i>
<i>Army</i>	<i>Zagan Training Area</i>	<i>EDI: Rail Extension and Railhead .....</i>	<i>6,400</i>	<i>6,400</i>
<i>Army</i>	<i>Zagan Training Area</i>	<i>EDI: Staging Area .....</i>	<i>34,000</i>	<i>34,000</i>
<i>Army</i>	<i>Romania Mihail Kogalniceanu</i>	<i>EDI: Explosives &amp; Ammo Load/Unload Apron .....</i>	<i>21,651</i>	<i>21,651</i>
<i>Army</i>	<i>Worldwide Unspecified Unspecified Worldwide Locations</i>	<i>EDI: Planning and Design .....</i>	<i>20,999</i>	<i>20,999</i>

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2019 Request</b>	<b>House Agreement</b>
<b>Military Construction, Army Total</b>			<b>261,250</b>	<b>192,250</b>
	<i>Greece</i>			
Navy	Souda Bay	EDI: Joint Mobility Processing Center	41,650	41,650
Navy	Souda Bay	EDI: Marathi Logistics Support Center	6,200	6,200
	<i>Italy</i>			
Navy	Sigonella	EDI: P-SA Taxiway	66,050	66,050
	<i>Spain</i>			
Navy	Rota	EDI: Port Operations Facilities	21,590	21,590
	<i>United Kingdom</i>			
Navy	Lossiemouth	EDI: P-S Base Improvements	79,130	79,130
	<i>Worldwide Unspecified</i>			
Navy	Unspecified Worldwide Locations	EDI: Planning and Design	12,700	12,700
<b>Military Construction, Navy Total</b>			<b>227,320</b>	<b>227,320</b>
	<i>Germany</i>			
AF	Ramstein AB	EDI: KMC DABS-FEV/RH Storage Warehouses	119,000	119,000
	<i>Norway</i>			
AF	Rygge	EDI: Construct Taxiway	13,800	13,800
	<i>Qatar</i>			
AF	Al Udeid	Flight line Support Facilities	0	30,400
AF	Al Udeid	Personnel Deployment Processing Facility	0	40,000
	<i>Slovakia</i>			
AF	Malacky	EDI: Regional Munitions Storage Area	59,000	59,000
	<i>United Kingdom</i>			
AF	RAF Fairford	EDI: Construct DABS-FEV Storage	87,000	87,000
AF	RAF Fairford	EDI: Munitions Holding Area	19,000	19,000
	<i>Worldwide Unspecified</i>			
AF	Unspecified Worldwide Locations	EDI: Planning & Design Funds	48,000	46,600
<b>Military Construction, Air Force Total</b>			<b>345,800</b>	<b>414,800</b>
	<i>Estonia</i>			
Def-Wide	Unspecified Estonia	EDI: SOf Operations Facility	6,100	6,100
Def-Wide	Unspecified Estonia	EDI: SOf Training Facility	9,600	9,600
	<i>Qatar</i>			
Def-Wide	Al Udeid	Trans-Regional Logistics Complex	60,000	60,000
	<i>Worldwide Unspecified</i>			
Def-Wide	Unspecified Worldwide Locations	EDI: Planning and Design	7,100	7,100
Def-Wide	Various Worldwide Locations	EDI: Planning and Design	4,250	4,250
<b>Military Construction, Defense-Wide Total</b>			<b>87,050</b>	<b>87,050</b>
<b>Total, Military Construction</b>			<b>921,420</b>	<b>921,420</b>

1 **TITLE XLVII—DEPARTMENT OF**  
2 **ENERGY NATIONAL SECURITY**  
3 **PROGRAMS**  
4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
5 **PROGRAMS.**

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2019 Request</b>	<b>House Authorized</b>
<b>Discretionary Summary By Appropriation</b>		
<b>Energy And Water Development, And Related Agencies</b>		
<b>Appropriation Summary:</b>		
<b>Energy Programs</b>		

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
Nuclear Energy .....	136,090	136,090
<b>Atomic Energy Defense Activities</b>		
<b>National nuclear security administration:</b>		
Weapons activities .....	11,017,078	11,215,078
Defense nuclear nonproliferation .....	1,862,825	1,989,825
Naval reactors .....	1,788,618	1,788,618
Federal salaries and expenses .....	422,529	404,529
<b>Total, National nuclear security administration .....</b>	<b>15,091,050</b>	<b>15,398,050</b>
<b>Environmental and other defense activities:</b>		
Defense environmental cleanup .....	5,630,217	5,680,217
Other defense activities .....	853,300	853,300
Defense nuclear waste disposal .....	30,000	30,000
<b>Total, Environmental &amp; other defense activities .....</b>	<b>6,513,517</b>	<b>6,563,517</b>
<b>Total, Atomic Energy Defense Activities .....</b>	<b>21,604,567</b>	<b>21,961,567</b>
<b>Total, Discretionary Funding .....</b>	<b>21,740,657</b>	<b>22,097,657</b>
<b>Nuclear Energy</b>		
Idaho site-wide safeguards and security .....	136,090	136,090
<b>Total, Nuclear Energy .....</b>	<b>136,090</b>	<b>136,090</b>
<b>Weapons Activities</b>		
<b>Directed stockpile work</b>		
<b>Life extension programs and major alterations</b>		
B61-12 Life extension program .....	794,049	794,049
W76-1 Life extension program .....	48,888	48,888
W88 Alt 370 .....	304,285	304,285
W80-4 Life extension program .....	654,766	654,766
IW-1 .....	53,000	53,000
W76-2 Warhead modification program .....	65,000	65,000
<b>Total, Life extension programs and major alterations .....</b>	<b>1,919,988</b>	<b>1,919,988</b>
<b>Stockpile systems</b>		
B61 Stockpile systems .....	64,547	64,547
W76 Stockpile systems .....	94,300	94,300
W78 Stockpile systems .....	81,329	81,329
W80 Stockpile systems .....	80,204	80,204
B83 Stockpile systems .....	35,082	35,082
W87 Stockpile systems .....	83,107	83,107
W88 Stockpile systems .....	180,913	180,913
<b>Total, Stockpile systems .....</b>	<b>619,482</b>	<b>619,482</b>
<b>Weapons dismantlement and disposition</b>		
Operations and maintenance .....	56,000	56,000
<b>Stockpile services</b>		
Production support .....	512,916	508,916
Program decrease .....		[-4,000]
Research and development support .....	38,129	38,129
R&D certification and safety .....	216,582	214,582
Program decrease .....		[-2,000]
Management, technology, and production .....	300,736	298,736
Program decrease .....		[-2,000]
<b>Total, Stockpile services .....</b>	<b>1,068,363</b>	<b>1,060,363</b>
<b>Strategic materials</b>		
Uranium sustainment .....	87,182	87,182
Plutonium sustainment .....	361,282	361,282
Tritium sustainment .....	205,275	205,275
Lithium sustainment .....	29,135	29,135
Domestic uranium enrichment .....	100,704	100,704
Strategic materials sustainment .....	218,794	218,794
<b>Total, Strategic materials .....</b>	<b>1,002,372</b>	<b>1,002,372</b>
<b>Total, Directed stockpile work .....</b>	<b>4,666,205</b>	<b>4,658,205</b>
<b>Research, development, test and evaluation (RDT&amp;E)</b>		
<b>Science</b>		
Advanced certification .....	57,710	57,710
Primary assessment technologies .....	95,057	93,057

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
Program decrease .....		[-2,000]
Dynamic materials properties .....	131,000	128,000
Program decrease .....		[-3,000]
Advanced radiography .....	32,544	32,544
Secondary assessment technologies .....	77,553	77,553
Academic alliances and partnerships .....	53,364	53,364
Enhanced Capabilities for Subcritical Experiments .....	117,632	117,632
<b>Total, Science .....</b>	<b>564,860</b>	<b>559,860</b>
<b>Engineering</b>		
Enhanced surety .....	43,226	43,226
Weapon systems engineering assessment technology .....	27,536	27,536
Nuclear survivability .....	48,230	48,230
Enhanced surveillance .....	58,375	58,375
Stockpile Responsiveness .....	34,000	40,000
Program increase .....		[6,000]
<b>Total, Engineering .....</b>	<b>211,367</b>	<b>217,367</b>
<b>Inertial confinement fusion ignition and high yield</b>		
Ignition .....	22,434	42,434
Maintain sustainable levels .....		[20,000]
Support of other stockpile programs .....	17,397	21,397
Maintain sustainable levels .....		[4,000]
Diagnostics, cryogenics and experimental support .....	51,453	61,453
Maintain sustainable levels .....		[10,000]
Pulsed power inertial confinement fusion .....	8,310	8,310
Facility operations and target production .....	319,333	334,333
Maintain sustainable levels .....		[15,000]
<b>Total, Inertial confinement fusion and high yield .....</b>	<b>418,927</b>	<b>467,927</b>
<b>Advanced simulation and computing</b>		
Advanced simulation and computing .....	656,401	656,401
<b>Construction:</b>		
18-D-670, Erascale Class Computer Cooling Equipment, LANL ...	24,000	24,000
18-D-620, Erascale Computing Facility Modernization Project, LLNL .....	23,000	23,000
<b>Total, Construction .....</b>	<b>47,000</b>	<b>47,000</b>
<b>Total, Advanced simulation and computing .....</b>	<b>703,401</b>	<b>703,401</b>
<b>Advanced manufacturing</b>		
Additive manufacturing .....	17,447	17,447
Component manufacturing development .....	48,477	48,477
Process technology development .....	30,914	30,914
<b>Total, Advanced manufacturing .....</b>	<b>96,838</b>	<b>96,838</b>
<b>Total, RDT&amp;E .....</b>	<b>1,995,393</b>	<b>2,045,393</b>
<b>Infrastructure and operations</b>		
Operations of facilities .....	891,000	891,000
Safety and environmental operations .....	115,000	115,000
Maintenance and repair of facilities .....	365,000	404,000
Address high-priority repair needs and preventive maintenance .....		[39,000]
<b>Recapitalization:</b>		
Infrastructure and safety .....	431,631	498,631
Support high-priority deferred maintenance .....		[67,000]
Capability based investments .....	109,057	113,057
Program increase .....		[4,000]
<b>Total, Recapitalization .....</b>	<b>540,688</b>	<b>611,688</b>
<b>Construction:</b>		
19-D-670, 138kV Power Transmission System Replacement, NNSS .....	6,000	6,000
19-D-660, Lithium Production Capability, Y-12 .....	19,000	19,000
18-D-680, Material Staging Facility, Pantex .....	0	24,000
18-D-650, Tritium Production Capability, SRS .....	27,000	27,000
17-D-710, West End Protected Area reduction Project, Y-12 .....	0	9,000
17-D-640, U1a Complex Enhancements Project, NNSS .....	53,000	53,000
16-D-515, Albuquerque complex project .....	47,953	47,953
14-D-710, DAF Argus project, NNSS .....	0	2,000
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....	703,000	703,000
04-D-125 Chemistry and metallurgy research facility replacement project, LANL .....	235,095	235,095

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
<b>Total, Construction</b> .....	<b>1,091,048</b>	<b>1,126,048</b>
<b>Total, Infrastructure and operations</b> .....	<b>3,002,736</b>	<b>3,147,736</b>
<b>Secure transportation asset</b>		
Operations and equipment .....	176,617	176,617
Program direction .....	102,022	102,022
<b>Total, Secure transportation asset</b> .....	<b>278,639</b>	<b>278,639</b>
<b>Defense nuclear security</b>		
Operations and maintenance .....	690,638	701,638
Physical security infrastructure recapitalization and CSTART .....		[11,000]
<b>Total, Defense nuclear security</b> .....	<b>690,638</b>	<b>701,638</b>
Information technology and cybersecurity .....	221,175	221,175
Legacy contractor pensions .....	162,292	162,292
<b>Total, Weapons Activities</b> .....	<b>11,017,078</b>	<b>11,215,078</b>
<b>Defense Nuclear Nonproliferation</b>		
<b>Defense Nuclear Nonproliferation Programs</b>		
<b>Global material security</b>		
International nuclear security .....	46,339	46,339
Domestic radiological security .....	90,764	90,764
International radiological security .....	59,576	59,576
Nuclear smuggling detection and deterrence .....	140,429	140,429
<b>Total, Global material security</b> .....	<b>337,108</b>	<b>337,108</b>
<b>Material management and minimization</b>		
HEU reactor conversion .....	98,300	98,300
Nuclear material removal .....	32,925	32,925
Material disposition .....	200,869	200,869
<b>Total, Material management &amp; minimization</b> .....	<b>332,094</b>	<b>332,094</b>
Nonproliferation and arms control .....	129,703	129,703
Defense nuclear nonproliferation R&D .....	456,095	468,095
Acceleration of low-yield detection experiments .....		[6,000]
Future nuclear proliferation challenges, including 3D printing .....		[6,000]
<b>Nonproliferation Construction:</b>		
18-D-150 Surplus Plutonium Disposition Project .....	59,000	59,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS .....	220,000	335,000
<b>Total, Nonproliferation construction</b> .....	<b>279,000</b>	<b>394,000</b>
<b>Total, Defense Nuclear Nonproliferation Programs</b> .....	<b>1,534,000</b>	<b>1,661,000</b>
Legacy contractor pensions .....	28,640	28,640
Nuclear counterterrorism and incident response program .....	319,185	319,185
Use of prior year balances .....	-19,000	-19,000
<b>Total, Defense Nuclear Nonproliferation</b> .....	<b>1,862,825</b>	<b>1,989,825</b>
<b>Naval Reactors</b>		
Naval reactors development .....	514,951	514,951
Columbia-Class reactor systems development .....	138,000	138,000
SSG Prototype refueling .....	250,000	250,000
Naval reactors operations and infrastructure .....	525,764	525,764
<b>Construction:</b>		
19-D-930, KS Overhead Piping .....	10,994	10,994
17-D-911, BL Fire System Upgrade .....	13,200	13,200
14-D-901 Spent fuel handling recapitalization project, NRF .....	287,000	287,000
<b>Total, Construction</b> .....	<b>311,194</b>	<b>311,194</b>
Program direction .....	48,709	48,709
<b>Total, Naval Reactors</b> .....	<b>1,788,618</b>	<b>1,788,618</b>
<b>Federal Salaries And Expenses</b>		
Program direction .....	422,529	404,529
Program decrease .....		[-18,000]
<b>Total, Office Of The Administrator</b> .....	<b>422,529</b>	<b>404,529</b>

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
<b>Defense Environmental Cleanup</b>		
<b>Closure sites:</b>		
Closure sites administration .....	4,889	4,889
<b>Richland:</b>		
River corridor and other cleanup operations .....	89,577	89,577
Central plateau remediation .....	562,473	612,473
Accelerated remediation of 300–296 waste site .....		[50,000]
Richland community and regulatory support .....	5,121	5,121
<b>Construction:</b>		
18–D–404 WESF Modifications and Capsule Storage .....	1,000	1,000
<b>Total, Construction</b> .....	<b>1,000</b>	<b>1,000</b>
<b>Total, Hanford site</b> .....	<b>658,171</b>	<b>708,171</b>
<b>Office of River Protection:</b>		
Waste Treatment Immobilization Plant Commissioning .....	15,000	15,000
Rad liquid tank waste stabilization and disposition .....	677,460	677,460
<b>Construction:</b>		
15–D–409 Low activity waste pretreatment system, ORP .....	56,053	56,053
01–D–416 A-D WTP Subprojects A-D .....	675,000	675,000
01–D–416 E—Pretreatment Facility .....	15,000	15,000
<b>Total, Construction</b> .....	<b>746,053</b>	<b>746,053</b>
<b>Total, Office of River protection</b> .....	<b>1,438,513</b>	<b>1,438,513</b>
<b>Idaho National Laboratory:</b>		
SNF stabilization and disposition—2012 .....	17,000	17,000
Solid waste stabilization and disposition .....	148,387	148,387
Radioactive liquid tank waste stabilization and disposition .....	137,739	137,739
Soil and water remediation—2035 .....	42,900	42,900
Idaho community and regulatory support .....	3,200	3,200
<b>Total, Idaho National Laboratory</b> .....	<b>349,226</b>	<b>349,226</b>
<b>NNSA sites and Nevada off-sites</b>		
Lawrence Livermore National Laboratory .....	1,704	1,704
<b>Nuclear facility D &amp; D</b>		
Separations Process Research Unit .....	15,000	15,000
Nevada .....	60,136	60,136
Sandia National Laboratories .....	2,600	2,600
Los Alamos National Laboratory .....	191,629	191,629
<b>Total, NNSA sites and Nevada off-sites</b> .....	<b>271,069</b>	<b>271,069</b>
<b>Oak Ridge Reservation:</b>		
<b>OR Nuclear facility D &amp; D</b>		
OR-0041—D&D - Y-12 .....	30,214	30,214
OR-0042—D&D -ORNL .....	60,007	60,007
<b>Total, OR Nuclear facility D &amp; D</b> .....	<b>90,221</b>	<b>90,221</b>
U233 Disposition Program .....	45,000	45,000
<b>OR cleanup and waste disposition</b>		
OR cleanup and disposition .....	67,000	67,000
<b>Construction:</b>		
17–D–401 On-site waste disposal facility .....	5,000	5,000
14–D–403 Outfall 200 Mercury Treatment Facility .....	11,274	11,274
<b>Total, Construction</b> .....	<b>16,274</b>	<b>16,274</b>
<b>Total, OR cleanup and waste disposition</b> .....	<b>83,274</b>	<b>83,274</b>
OR community & regulatory support .....	4,711	4,711
OR technology development and deployment .....	3,000	3,000
<b>Total, Oak Ridge Reservation</b> .....	<b>226,206</b>	<b>226,206</b>
<b>Savannah River Sites:</b>		
Nuclear Material Management .....	351,331	351,331
<b>Environmental Cleanup</b>		
Environmental Cleanup .....	166,105	166,105
<b>Construction:</b>		
18–D–402, Emergency Operations Center .....	1,259	1,259
<b>Total, Environmental Cleanup</b> .....	<b>167,364</b>	<b>167,364</b>



SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
SR community and regulatory support .....	4,749	4,749
Radioactive liquid tank waste stabilization and disposition .....	805,686	805,686
<b>Construction:</b>		
18-D-401, SDU #8/9 .....	37,450	37,450
17-D-402—Saltstone Disposal Unit #7 .....	41,243	41,243
05-D-405 Salt waste processing facility, Savannah River Site .....	65,000	65,000
<b>Total, Construction</b> .....	<b>143,693</b>	<b>143,693</b>
<b>Total, Savannah River site</b> .....	<b>1,472,823</b>	<b>1,472,823</b>
<b>Waste Isolation Pilot Plant</b>		
Operations and maintenance .....	220,000	220,000
Central characterization project .....	19,500	19,500
Critical Infrastructure Repair/Replacement .....	46,695	46,695
Transportation .....	25,500	25,500
<b>Construction:</b>		
15-D-411 Safety significant confinement ventilation system, WIPP .....	84,212	84,212
15-D-412 Exhaust shaft, WIPP .....	1,000	1,000
<b>Total, Construction</b> .....	<b>85,212</b>	<b>85,212</b>
<b>Total, Waste Isolation Pilot Plant</b> .....	<b>396,907</b>	<b>396,907</b>
Program direction .....	300,000	300,000
Program support .....	6,979	6,979
Minority Serving Institution Partnership .....	6,000	6,000
<b>Safeguards and Security</b>		
Oak Ridge Reservation .....	14,023	14,023
Paducah .....	15,577	15,577
Portsmouth .....	15,078	15,078
Richland/Hanford Site .....	86,686	86,686
Savannah River Site .....	183,357	183,357
Waste Isolation Pilot Project .....	6,580	6,580
West Valley .....	3,133	3,133
<b>Total, Safeguards and Security</b> .....	<b>324,434</b>	<b>324,434</b>
Technology development .....	25,000	25,000
HQEF-0040—Excess Facilities .....	150,000	150,000
<b>Total, Defense Environmental Cleanup</b> .....	<b>5,630,217</b>	<b>5,680,217</b>
<b>Other Defense Activities</b>		
<b>Environment, health, safety and security</b>		
Environment, health, safety and security .....	135,194	135,194
Program direction .....	70,653	70,653
<b>Total, Environment, Health, safety and security</b> .....	<b>205,847</b>	<b>205,847</b>
<b>Independent enterprise assessments</b>		
Independent enterprise assessments .....	24,068	24,068
Program direction .....	52,702	52,702
<b>Total, Independent enterprise assessments</b> .....	<b>76,770</b>	<b>76,770</b>
Specialized security activities .....	254,378	254,378
<b>Office of Legacy Management</b>		
Legacy management .....	140,575	140,575
Program direction .....	18,302	18,302
<b>Total, Office of Legacy Management</b> .....	<b>158,877</b>	<b>158,877</b>
<b>Defense related administrative support</b>		
Chief financial officer .....	48,484	48,484
Chief information officer .....	96,793	96,793
Project management oversight and Assessments .....	8,412	8,412
<b>Total, Defense related administrative support</b> .....	<b>153,689</b>	<b>153,689</b>
Office of hearings and appeals .....	5,739	5,739
<b>Subtotal, Other defense activities</b> .....	<b>855,300</b>	<b>855,300</b>
Rescission of prior year balances (OHA) .....	-2,000	-2,000
<b>Total, Other Defense Activities</b> .....	<b>853,300</b>	<b>853,300</b>
<b>Defense Nuclear Waste Disposal</b>		
Yucca mountain and interim storage .....	30,000	30,000
<b>Total, Defense Nuclear Waste Disposal</b> .....	<b>30,000</b>	<b>30,000</b>

Amend the title so as to read: “A bill to authorize appropriations for fiscal year 2019 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.”.



Union Calendar No. 521

115<sup>TH</sup> CONGRESS  
2<sup>D</sup> Session

H. R. 5515

[Report No. 115-676]

A BILL

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

MAY 15, 2018

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed