

MAY 11, 2018

RULES COMMITTEE PRINT 115–70
TEXT OF H.R. 5515, NATIONAL DEFENSE
AUTHORIZATION ACT FOR FISCAL YEAR 2019

**[Showing the text of H.R. 5515 as ordered reported by the
Committee on Armed Services]**

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “ National Defense Au-
3 thorization Act for Fiscal Year 2019”.

4 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**
5 **CONTENTS.**

6 (a) DIVISIONS.—This Act is organized into four divi-
7 sions as follows:

8 (1) Division A—Department of Defense Au-
9 thorizations.

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

12 (3) Division C—Department of Energy Na-
13 tional Security Authorizations and Other Authoriza-
14 tions.

15 (4) Division D—Funding Tables.

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

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

Sec. 3. Congressional defense committees.

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

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Sec. 1406. National defense sealift fund.

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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.

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TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS
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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.
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- Sec. 1621. Role of Under Secretary of Defense for Intelligence.
- Sec. 1622. Security clearance for dual nationals.
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- Sec. 1626. Prohibition on the availability of funds for Department of Defense assuming background investigation mission for the Federal Government.

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- Sec. 1631. Amendments to pilot program regarding cyber vulnerabilities of Department of Defense critical infrastructure.
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- Sec. 1634. Pilot program authority to enhance cybersecurity and resiliency of critical infrastructure.
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- Sec. 1636. Procedures and reporting requirement on cybersecurity breaches and loss of personally identifiable information.
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- Sec. 1641. Under Secretary of Defense for Research and Engineering and the Nuclear Weapons Council.
- Sec. 1642. Long-range standoff weapon requirements.
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- Sec. 1646. Extension of prohibition on availability of funds for mobile variant of ground-based strategic deterrent missile.
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- 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.
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Subtitle E—Missile Defense Programs

- Sec. 1661. Development of persistent space-based sensor architecture.
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Sec. 1665. Testing of redesigned kill vehicle prior to production.
Sec. 1666. Requirements for ballistic missile defense capable ships.
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Sec. 1668. Limitation on availability of funds for Army lower tier air and missile defense sensor.
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- Sec. 1681. Extension of Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Similar Events.
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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.

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- Sec. 2001. Short title.
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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.
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TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION

- Sec. 2401. Authorized defense agencies construction and land acquisition projects.
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- Sec. 2403. Authorization of appropriations, defense agencies.
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TITLE XXV—INTERNATIONAL PROGRAMS

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

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TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES

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- 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.
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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.

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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

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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

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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.

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- 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
4 101(a)(16) of title 10, United States Code.

1 **DIVISION A—DEPARTMENT OF**
2 **DEFENSE AUTHORIZATIONS**
3 **TITLE I—PROCUREMENT**
4 **Subtitle A—Authorization Of**
5 **Appropriations**

6 **SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

7 Funds are hereby authorized to be appropriated for
8 fiscal year 2019 for procurement for the Army, the Navy
9 and the Marine Corps, the Air Force, and Defense-wide
10 activities, as specified in the funding table in section 4101.

11 **Subtitle B—Army Programs**

12 **SEC. 111. NATIONAL GUARD AND RESERVE COMPONENT**
13 **EQUIPMENT REPORT.**

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

17 “(10) A joint assessment by the Chief of Staff
18 of the Army and the Chief of the National Guard
19 Bureau on the efforts of the Army to achieve parity
20 among the active component, the Army Reserve, and
21 the Army National Guard with respect to equipment
22 and capabilities. Each assessment shall include a
23 comparison of the inventory of high priority items of
24 equipment available to each component of the Army
25 described in preceding sentence, including—

1 “(A) AH–64 Attack Helicopters;
2 “(B) UH–60 Black Hawk Utility Heli-
3 copters;
4 “(C) Abrams Main Battle Tanks;
5 “(D) Bradley Infantry Fighting Vehicles;
6 “(E) Stryker Combat Vehicles; and
7 “(F) any other items of equipment identi-
8 fied as high priority by the Chief of Staff of the
9 Army or the Chief of the National Guard Bu-
10 reau.”.

11 (b) EFFECTIVE DATE.—The amendment made by
12 subsection (a) shall apply with respect to reports required
13 to be submitted under section 10541 of title 10, United
14 States Code, after the date of the enactment of this Act.

15 **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR**
16 **M27 INFANTRY AUTOMATIC RIFLE PROGRAM.**

17 (a) LIMITATION.—Of the funds authorized to be ap-
18 propriated by this Act or otherwise made available for fis-
19 cal year 2019 for the M27 Infantry Automatic Rifle pro-
20 gram of the Marine Corps, not more than 80 percent may
21 be obligated or expended until the date on which the Com-
22 mandant of the Marine Corps submits to the Committees
23 on Armed Services of the Senate and the House of Rep-
24 resentatives the assessment described in subsection (b).

1 (b) ASSESSMENT.—The assessment described in this
2 subsection is a written summary of the views of the Ma-
3 rine Corps with respect to the Small Arms Ammunition
4 Configuration Study of the Army, including—

5 (1) an explanation of how the study informs the
6 future small arms modernization requirements of the
7 Marine Corps; and

8 (2) near-term and long-term modernization
9 strategies for the small arms weapon systems of the
10 Marine Corps, including associated funding and
11 schedule profiles.

12 **Subtitle C—Navy Programs**

13 **SEC. 121. INCREASE IN NUMBER OF OPERATIONAL AIR-** 14 **CRAFT CARRIERS OF THE NAVY.**

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

16 (1) The aircraft carrier can fulfill the Navy's
17 core missions of forward presence, sea control, en-
18 suring safe sea lanes, and power projection as well
19 as providing flexibility and versatility to execute a
20 wide range of additional missions.

21 (2) Forward airpower is integral to the security
22 and joint forces operations of the United States.
23 Carriers play a central role in delivering forward air-
24 power from sovereign territory of the United States
25 in both permissive and nonpermissive environments.

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

6 (4) Since the end of the cold war, aircraft car-
7 rier deployments have increased while the aircraft
8 carrier force structure has declined.

9 (5) Considering the increased array of complex
10 threats across the globe, the Navy aircraft carrier is
11 operating at maximum capacity, increasing deploy-
12 ment lengths and decreasing maintenance periods in
13 order to meet operational requirements.

14 (6) To meet global peacetime and wartime re-
15 quirements, the Navy has indicated a requirement to
16 maintain two aircraft carriers deployed overseas and
17 have three additional aircraft carriers capable of de-
18 ploying within 90 days. However, the Navy has indi-
19 cated that the existing aircraft carrier force struc-
20 ture cannot support these military requirements.

21 (7) Despite the requirement to maintain an air-
22 craft carrier strike group in both the United States
23 Central Command and the United States Pacific
24 Command, the Navy has been unable to generate
25 sufficient capacity to support combatant com-

1 manders and has developed significant carrier gaps
2 in these critical areas.

3 (8) Because of the continuing use of a dimin-
4 ished aircraft carrier force structure, extensive main-
5 tenance availabilities result which typically exceed
6 program costs and increase time in shipyards. These
7 expansive maintenance availabilities exacerbate exist-
8 ing carrier gaps.

9 (9) Developing an alternative design to the
10 Ford-class aircraft carrier is not cost beneficial. A
11 smaller design is projected to incur significant de-
12 sign and engineering cost while significantly reduc-
13 ing magazine size, carrier air wing size, sortie rate,
14 and on-station effectiveness, among other vital fac-
15 tors, as compared to the Ford-class. Furthermore, a
16 new design will delay the introduction of future air-
17 craft carriers, exacerbating existing carrier gaps and
18 threatening the national security of the United
19 States.

20 (10) The 2016 Navy Force Structure Assess-
21 ment states “A minimum of 12 aircraft carriers are
22 required to meet the increased warfighting response
23 requirements of the Defense Planning Guidance De-
24 feat/Deny force sizing direction.”.

1 (b) SENSE OF CONGRESS.—It is the sense of Con-
2 gress that—

3 (1) the United States should expedite delivery
4 of 12 aircraft carriers; and

5 (2) an aircraft carrier should be authorized
6 every three years.

7 (c) INCREASE IN NUMBER OF OPERATIONAL AIR-
8 CRAFT CARRIERS OF THE NAVY.—

9 (1) INCREASE.—Section 5062(b) of title 10,
10 United States Code, is amended by striking “11
11 operational aircraft carriers” and inserting “12
12 operational aircraft carriers”.

13 (2) EFFECTIVE DATE.—The amendment made
14 by paragraph (1) shall take effect on September 30,
15 2022.

16 **SEC. 122. PROCUREMENT AUTHORITY FOR FORD CLASS**
17 **AIRCRAFT CARRIER PROGRAM.**

18 (a) CONTRACT AUTHORITY.—

19 (1) PROCUREMENT AUTHORIZED.—The Sec-
20 retary of the Navy may enter into one or more con-
21 tracts, beginning with the fiscal year 2019 program
22 year, for the procurement of one Ford class aircraft
23 carrier to be designated CVN-81.

24 (2) PROCUREMENT IN CONJUNCTION WITH
25 CVN-80.—The aircraft carrier authorized to be pro-

1 cured under subsection (a) may be procured as an
2 addition to the contract covering the Ford class air-
3 craft carrier designated CVN-80 that is authorized
4 to be constructed under section 121 of the John
5 Warner National Defense Authorization Act for Fis-
6 cal Year 2007 (Public Law 109-364; 120 Stat.
7 2104).

8 (b) USE OF INCREMENTAL FUNDING.—With respect
9 to a contract entered into under subsection (a), the Sec-
10 retary of the Navy may use incremental funding to make
11 payments under the contract.

12 (c) LIABILITY.—A contract entered into under sub-
13 section (a) shall provide that the total liability to the Gov-
14 ernment for termination of the contract entered into shall
15 be limited to the total amount of funding obligated at the
16 time of termination.

17 (d) CONDITION FOR OUT-YEAR CONTRACT PAY-
18 MENTS.—A contract entered into under subsection (a)
19 shall provide that any obligation of the United States to
20 make a payment under the contract for a fiscal year is
21 subject to the availability of appropriations for that pur-
22 pose for such fiscal year.

1 **SEC. 123. FULL SHIP SHOCK TRIAL FOR FORD CLASS AIR-**
2 **CRAFT CARRIER.**

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

6 **SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR AM-**
7 **PHIBIOUS VESSELS.**

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

13 (b) **LIMITATION.**—The Secretary of the Navy may
14 not modify a contract entered into under subsection (a)
15 if the modification would increase the target price of an
16 amphibious vessel by more than 10 percent above the tar-
17 get price specified in the original contract awarded for the
18 amphibious vessel under subsection (a).

19 (c) **AUTHORITY FOR ADVANCE PROCUREMENT.**—The
20 Secretary of the Navy may enter into one or more con-
21 tracts for advance procurement associated with the am-
22 phibious vessels for which authorization to enter into a
23 multiyear procurement contract is provided under sub-
24 section (a) and for equipment or subsystems associated
25 with the amphibious vessels, including procurement of—

26 (1) long lead time material; or

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

3 (d) **CONDITION FOR OUT-YEAR CONTRACT PAY-**
4 **MENTS.**—A contract entered into under subsection (a)
5 shall provide that any obligation of the United States to
6 make a payment under the contract for a fiscal year after
7 fiscal year 2019 is subject to the availability of appropria-
8 tions or funds for that purpose for such later fiscal year.

9 (e) **LIMITATION ON TERMINATION LIABILITY.**—A
10 contract for the construction of amphibious vessels entered
11 into under subsection (a) shall include a clause that limits
12 the liability of the United States to the contractor for any
13 termination of the contract. The maximum liability of the
14 United States under the clause shall be the amount appro-
15 priated for the amphibious vessels covered by the contract
16 regardless of the amount obligated under the contract.

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

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

22 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—
23 Subject to section 2306b of title 10, United States Code,
24 the Secretary of the Navy may enter into one or more
25 multiyear contracts, beginning with the fiscal year 2019

1 program year, for the procurement of up to 625 standard
2 missile—6 missiles at a rate of not more than 125 missiles
3 per year during the covered period.

4 (b) CONDITION FOR OUT-YEAR CONTRACT PAY-
5 MENTS.—A contract entered into under subsection (a)
6 shall provide that any obligation of the United States to
7 make a payment under the contract for a fiscal year after
8 fiscal year 2019 is subject to the availability of appropria-
9 tions or funds for that purpose for such later fiscal year.

10 (c) COVERED PERIOD DEFINED.—In this section, the
11 term “covered period” means the 5-year period beginning
12 with the fiscal year 2019 program year and ending with
13 the fiscal year 2023 program year.

14 **SEC. 126. MULTIYEAR PROCUREMENT AUTHORITY FOR E-**
15 **2D AIRCRAFT.**

16 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—
17 Subject to section 2306b of title 10, United States Code,
18 the Secretary of the Navy may enter into one or more
19 multiyear contracts, beginning with the fiscal year 2019
20 program year, for the procurement of up to 24 E-2D air-
21 craft.

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

1 fiscal year 2019 is subject to the availability of appropria-
2 tions for that purpose for such later fiscal year.

3 **SEC. 127. MULTIYEAR PROCUREMENT AUTHORITY FOR F/A-**
4 **18E/F AIRCRAFT AND EA-18G AIRCRAFT.**

5 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—
6 Subject to section 2306b of title 10, United States Code,
7 the Secretary of the Navy may enter into one or more
8 multiyear contracts, beginning with the fiscal year 2019
9 program year, for the procurement of the following:

10 (1) F/A-18E/F aircraft.

11 (2) EA-18G aircraft.

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

18 (c) AUTHORITY FOR ADVANCE PROCUREMENT AND
19 ECONOMIC ORDER QUANTITY.—The Secretary of the
20 Navy may enter into one or more contracts, beginning in
21 fiscal year 2019, for advance procurement associated with
22 the aircraft for which authorization to enter into a
23 multiyear procurement contract is provided under sub-
24 section (a), which may include one or more contracts for

1 the procurement of economic order quantities of material
2 and equipment for such aircraft.

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

5 (a) MODIFICATIONS REQUIRED.—The Secretary of
6 the Navy shall modify the F/A-18 aircraft to reduce the
7 occurrence of, and mitigate the risk posed by, physiological
8 episodes affecting crewmembers of the aircraft. The modi-
9 fications shall include, at minimum—

10 (1) replacement of the F/A-18 cockpit altim-
11 eter;

12 (2) upgrade of the F/A-18 onboard oxygen gen-
13 eration system;

14 (3) redesign of the F/A-18 aircraft life support
15 systems required to meet onboard oxygen generation
16 system input specifications;

17 (4) installation of equipment associated with
18 improved F/A-18 physiological monitoring and alert
19 systems; and

20 (5) installation of an automatic ground collision
21 avoidance system.

22 (b) REPORT REQUIRED.—Not later than February 1,
23 2019, and annually thereafter through February 1, 2021,
24 the Secretary of the Navy shall submit to the congres-
25 sional defense committees a written update on the status

1 of all modifications to the F/A-18 aircraft carried out by
2 the Secretary pursuant to subsection (a).

3 (c) WAIVER.—The Secretary of the Navy may waive
4 the requirement to make a modification under subsection
5 (a) if the Secretary certifies to the congressional defense
6 committees that the specific modification is inadvisable
7 and provides a detailed justification for excluding the
8 modification from the Navy's planned upgrades for the F/
9 A-18 aircraft.

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

11 (a) TECHNICAL DATA.—

12 (1) REQUIREMENT.—As part of the solicitation
13 for proposals for the procurement of any frigate
14 class ship, the Secretary of the Navy shall require
15 that an offeror submit a proposal that provides for
16 conveying technical data as part of the proposal for
17 the frigate.

18 (2) RIGHTS OF THE UNITED STATES.—The
19 Secretary of the Navy shall ensure that the Govern-
20 ment's rights in technical data for any frigate class
21 ship are sufficient to allow the Government to—

22 (A) by not later than the date on which
23 funds are obligated for the last covered frigate,
24 use the technical data to conduct a full and
25 open competition (pursuant to section 2304 of

1 title 10, United States Code) for any subse-
2 quent procurement of a frigate class ship; and

3 (B) transition the frigate class ship combat
4 systems to Government-furnished equipment to
5 achieve open architecture and foster competi-
6 tion to modernize future systems.

7 (b) DEFINITIONS.—In this section:

8 (1) The term “covered frigate” means each of
9 the first 10 frigate class ships procured after Janu-
10 ary 1, 2020.

11 (2) The term “technical data” means a com-
12 pilation of detailed engineering plans and specifica-
13 tions for the construction of a frigate class ship.

14 **SEC. 130. LIMITATION ON PROCUREMENT OF ECONOMIC**
15 **ORDER QUANTITIES FOR VIRGINIA CLASS**
16 **SUBMARINE PROGRAM.**

17 Section 124 of the National Defense Authorization
18 Act for Fiscal Year 2018 (Public Law 115–91) is amend-
19 ed—

20 (1) in subsection (c)(2), by striking “material”
21 and inserting “subject to subsection (d), material”;

22 (2) by redesignating subsection (d) through (f)
23 as subsections (e) through (g), respectively; and

24 (3) by inserting after subsection (c), the fol-
25 lowing:

1 “(d) LIMITATION ON PROCUREMENT OF ECONOMIC
2 ORDER QUANTITIES.—The Secretary of the Navy may not
3 enter into contracts for economic order quantities under
4 subsection (c)(2) until the date on which the Secretary
5 certifies to the congressional defense committees that any
6 funds made available for such contracts will be used to
7 procure economic order quantities of material and equip-
8 ment for not fewer than 12 Virginia class submarines.”.

9 **SEC. 131. LIMITATION ON USE OF FUNDS FOR DDG-51 DE-**
10 **STROYERS.**

11 None of the funds authorized to be appropriated or
12 otherwise made available by this Act for fiscal year 2019
13 for Shipbuilding and Conversion, Navy, for DDG-51 class
14 destroyers may be obligated or expended until the Sec-
15 retary of the Navy submits to the congressional defense
16 committees a report that includes—

17 (1) a detailed description of the current
18 degaussing standards;

19 (2) a plan for incorporating such standards into
20 the destroyer construction program; and

21 (3) an assessment of the requirement to backfit
22 such standards in service destroyers.

1 **Subtitle D—Air Force Programs**

2 **SEC. 141. INVENTORY REQUIREMENT FOR AIR REFUELING**

3 **TANKER AIRCRAFT; LIMITATION ON RETIRE-**

4 **MENT OF KC-10A AIRCRAFT.**

5 (a) INVENTORY REQUIREMENT.—Section 8062 of
6 title 10, United States Code, is amended by adding at the
7 end the following new subsection:

8 “(j)(1) Except as provided in paragraph (2), effective
9 October 1, 2019, the Secretary of the Air Force shall
10 maintain a total primary assigned aircraft inventory of air
11 refueling tanker aircraft of not less than 479 aircraft.

12 “(2) The Secretary of the Air Force may reduce the
13 number of air refueling tanker aircraft in the primary as-
14 signed aircraft inventory of the Air Force below 479 only
15 if—

16 “(A) the Secretary certifies to the congressional
17 defense committees that such reduction is justified
18 by the results of the mobility capability and require-
19 ments study conducted under section 144(b) of the
20 National Defense Authorization Act for Fiscal Year
21 2018 (Public Law 115–91); and

22 “(B) a period of 30 days has elapsed following
23 the date on which the certification is made to the
24 congressional defense committees under subpara-
25 graph (A).

1 “(3) In this subsection:

2 “(A) The term ‘air refueling tanker aircraft’
3 means an aircraft that has as its primary mission
4 the refueling of other aircraft.

5 “(B) The term ‘primary assigned aircraft inven-
6 tory’ means aircraft authorized to a flying unit for
7 operations or training.”.

8 (b) LIMITATION ON RETIREMENT OF KC-10A.—

9 (1) IN GENERAL.—None of the funds author-
10 ized to be appropriated by this Act or otherwise
11 made available for any fiscal year for the Air Force
12 may be obligated or expended to retire, or to prepare
13 to retire, any KC-10A aircraft until the date that is
14 30 days after the date on which the Secretary of the
15 Air Force certifies to the congressional defense com-
16 mittees that Secretary has met the minimum inven-
17 tory requirement under section 8062(j) of title 10,
18 United States Code, as added by subsection (a) of
19 this section.

20 (2) EXCEPTION FOR CERTAIN AIRCRAFT.—The
21 requirement of paragraph (1) does not apply to indi-
22 vidual KC-10A aircraft that the Secretary of the Air
23 Force determines, on a case-by-case basis, to be non-
24 operational because of mishaps, other damage, or
25 being uneconomical to repair.

1 **SEC. 142. LIMITATION ON USE OF FUNDS FOR KC-46A AIR-**
2 **CRAFT PENDING SUBMITTAL OF CERTIFI-**
3 **CATION.**

4 (a) CERTIFICATION REQUIRED.—The Secretary of
5 the Air Force shall submit to the congressional defense
6 committees certification that, as of the date of the certifi-
7 cation—

8 (1) the supplemental type certification and the
9 military type certification for the KC-46A aircraft
10 have been approved; and

11 (2) the Air Force has accepted the delivery of
12 the first KC-46A aircraft.

13 (b) LIMITATION ON USE OF FUNDS.—None of the
14 funds authorized to be appropriated or otherwise made
15 available by this Act for fiscal year 2019 for Aircraft Pro-
16 curement, Air Force, may be obligated or expended for
17 three KC-46A aircraft until the Secretary of the Air Force
18 submits the certification required under subsection (a).

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

20 (a) IN GENERAL.—For purposes of the application
21 of section 2244a of title 10, United States Code, the re-
22 tirement date of the covered aircraft is deemed to be not
23 later than December 31, 2025.

24 (b) COVERED AIRCRAFT DEFINED.—In this section,
25 the term “covered aircraft” means the two VC-25A air-

1 craft of the Air Force that are in service as of the date
2 of the enactment of this Act.

3 **SEC. 144. CONTRACT FOR LOGISTICS SUPPORT FOR VC-25B**
4 **AIRCRAFT.**

5 The Secretary of the Air Force shall—

6 (1) ensure that the total period of any contract
7 awarded for logistics support for the VC-25B air-
8 craft does not exceed five years, as required under
9 part 17.204(e) of the Federal Acquisition Regula-
10 tion, unless otherwise approved in accordance with
11 established procedures; and

12 (2) comply with section 2304 of title 10, United
13 States Code, regarding full and open competition
14 through the use of competitive procedures for the
15 award of any logistics support contract following the
16 initial five-year contract period.

17 **SEC. 145. MULTIYEAR PROCUREMENT AUTHORITY FOR C-**
18 **130J AIRCRAFT.**

19 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—
20 Subject to section 2306b of title 10, United States Code,
21 the Secretary of the Air Force may enter into one or more
22 multiyear contracts, beginning with the fiscal year 2019
23 program year, for the procurement of up to 52 C-130J
24 aircraft.

1 (b) CONDITION FOR OUT-YEAR CONTRACT PAY-
2 MENTS.—A contract entered into under subsection (a)
3 shall provide that any obligation of the United States to
4 make a payment under the contract for a fiscal year after
5 fiscal year 2019 is subject to the availability of appropria-
6 tions for that purpose for such later fiscal year.

7 **SEC. 146. REMOVAL OF WAITING PERIOD FOR LIMITATION**
8 **ON AVAILABILITY OF FUNDS FOR EC-130H**
9 **COMPASS CALL RECAPITALIZATION PRO-**
10 **GRAM.**

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

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

16 (a) FINDINGS.—Congress makes the following find-
17 ings:

18 (1) Aerial refueling tankers provide an essential
19 foundation for our nation’s ability to project power
20 and deter adversaries, enabling the global reach of
21 our joint force.

22 (2) 87 percent of the legacy aerial refueling
23 fleet is comprised of KC-135 aircraft with an aver-
24 age age of 56 years.

1 (3) The Commander of United States Trans-
2 portation Command has identified the aerial refuel-
3 ing fleet as the “most stressed of our air mobility
4 forces” and stated that “delaying KC-46 production
5 puts the Joint Force’s ability to effectively execute
6 war plans at risk”.

7 (4) As directed by the National Defense Au-
8 thorization Act for Fiscal Year 2018 (Public Law
9 115-91), the Air Force is undertaking an updated
10 mobility capability and requirements study that will
11 reflect guidance articulated in the 2018 National
12 Defense Strategy and reassess the current tanker re-
13 quirement of 479 aircraft.

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

16 (6) The KC-46 is a multirole platform that will
17 bring enhanced capabilities to both the aerial refuel-
18 ing and strategic airlift missions. The aircraft pro-
19 vides the ability to refuel joint and coalition aircraft
20 by both boom and drogue systems in the same sor-
21 tie; improved cargo, passenger and aeromedical evac-
22 uation capabilities; and enhanced survivability with
23 multiple layers of protection enabling it to operate
24 safely in a broader range of threat environments
25 than legacy tankers.

1 (7) The Government Accountability Office has
2 stated: “The KC-46 program’s total acquisition cost
3 estimate remained stable over the past year at
4 \$44,400,000,000, which is about \$7,300,000,000
5 less than the original estimate.”

6 (8) The Commander of Air Mobility Command
7 has stated that the KC-46 “will bring tremendous
8 capability to our joint warfighter”.

9 (9) The Assistant Secretary of the Air Force
10 for Acquisition has stated: “Stability of require-
11 ments and funding are the keys to KC-46 program
12 success and will enable the Air Force to deliver this
13 new tanker ready for employment on day one.”

14 (10) The Military Deputy to the Assistant Sec-
15 retary of the Air Force for Acquisition has identified
16 the KC-46 as the Air Force’s second highest combat
17 aviation acquisition priority “for the role that it
18 plays in being able to power project”.

19 (11) With the support of Congress, the Air
20 Force has executed three low rate initial production
21 contracts for a total of 34 aircraft. In fiscal year
22 2018, Congress provided funding for a fourth pro-
23 duction lot totaling 18 aircraft.

24 (12) A steady production rate of 1.3 aircraft
25 per month has been maintained through independent

1 investment by industry in order to expedite deliveries
2 to the Air Force upon completion of developmental
3 testing and certification.

4 (b) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that—

6 (1) the Air Force and industry should dedicate
7 the resources and manpower necessary to ensure the
8 first KC-46 is delivered in fiscal year 2018;

9 (2) the Air Force should maximize efficiency in
10 the test and certification process to ensure that—

11 (A) test points are not redundant;

12 (B) test plans are approved expeditiously;

13 (C) receiver aircraft are available to sup-
14 port test flights; and

15 (D) Air Force inputs necessary for Federal
16 Aviation Administration and military airworthi-
17 ness certifications are expedited; and

18 (3) the Assistant Secretary of the Air Force for
19 Acquisition and the Director of the Defense Con-
20 tract Management Agency should develop and imple-
21 ment a plan enabling the Air Force to accept and
22 field KC-46 aircraft at a rate higher than three air-
23 craft per month after the delivery of the first air-
24 craft.

1 **Subtitle E—Defense-wide, Joint,**
2 **and Multiservice Matters**

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

4 Subject to section 2308 of title 10, United States
5 Code, using funds authorized to be appropriated by this
6 Act for the procurement of F-35 aircraft, the Secretary
7 of Defense may procure a quantity of F-35 aircraft in
8 excess of the quantity authorized by this Act if such addi-
9 tional procurement does not require additional funds to
10 be authorized to be appropriated because of production ef-
11 ficiencies or other cost reductions.

12 **SEC. 152. CERTIFICATION ON INCLUSION OF TECHNOLOGY**
13 **TO MINIMIZE PHYSIOLOGICAL EPISODES IN**
14 **CERTAIN AIRCRAFT.**

15 (a) CERTIFICATION REQUIRED.—Not later than 15
16 days before entering into a contract for the procurement
17 of a covered aircraft, the Secretary concerned shall submit
18 to the congressional defense committees a written state-
19 ment certifying that the aircraft to be procured under the
20 contract will include the most recent technological ad-
21 vancements necessary to minimize the impact of physio-
22 logical episodes on aircraft crewmembers.

23 (b) WAIVER.—The Secretary concerned may waive
24 the requirement of subsection (a) if the Secretary—

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

3 (2) not later than 15 days before entering into
4 a contract for the procurement of a covered aircraft,
5 notifies the congressional defense committees of the
6 rationale for the waiver.

7 (c) TERMINATION.—The requirement to submit a
8 certification under subsection (a) shall terminate on Sep-
9 tember 30, 2021.

10 (d) DEFINITIONS.—In this section:

11 (1) The term “covered aircraft” means a fight-
12 er aircraft, an attack aircraft, or a fixed wing train-
13 er aircraft.

14 (2) The term “Secretary concerned” means—

15 (A) the Secretary of the Navy, with respect
16 to covered aircraft of Navy; and

17 (B) the Secretary of the Air Force, with
18 respect 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
8 fiscal year 2019 for the use of the Department of Defense
9 for research, development, test, and evaluation, as speci-
10 fied in the funding table in section 4201.

11 **Subtitle B—Program Require-**
12 **ments, Restrictions, and Limita-**
13 **tions**

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

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

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

1 procurement executive for the Defense Advanced Research
2 Projects Agency that award of the contract or transaction
3 is essential to meet critical national security interests.

4 “(5) Contracts and transactions entered into pursu-
5 ant to this subsection that are expected to cost the Depart-
6 ment of Defense in excess of \$500,000,000 (including all
7 options) may be awarded only if—

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

12 “(B) the congressional defense committees are
13 notified in writing not later than 30 days before
14 award of the contract or transaction.”.

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

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

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

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

1 (3) by inserting after subparagraph (A) the fol-
2 lowing:

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

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

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

21 (a) PROHIBITION.—None of the funds authorized to
22 be appropriated by this Act or otherwise made available
23 for fiscal year 2019 for research, development, test, and
24 evaluation, Air Force, for weather service (PE 0305111F,
25 Project 672738) for product development, test and evalua-

1 tion, and management services associated with the Weath-
2 er Common Component program may be obligated or ex-
3 pended.

4 (b) REPORT REQUIRED.—

5 (1) IN GENERAL.—The Secretary of the Air
6 force shall submit to the congressional defense com-
7 mittees a report on technologies and capabilities
8 that—

9 (A) provide real-time or near real-time me-
10 teorological situational awareness data through
11 the use of sensors installed on manned and un-
12 manned aircraft; and

13 (B) were developed primarily using funds
14 of the Department of Defense.

15 (2) ELEMENTS.—The report under paragraph
16 (1) shall include—

17 (A) a description of all technologies and
18 capabilities described in paragraph (1) that
19 exist as of the date on which the report is sub-
20 mitted;

21 (B) a description of any testing activities
22 that have been completed for such technologies
23 and capabilities, and the results of those testing
24 activities;

1 (C) the total amount of funds used by the
2 Department of Defense for the development of
3 such technologies and capabilities;

4 (D) a list of capability gaps or shortfalls in
5 any major commands of the Air Force relating
6 to the gathering, processing, exploitation, and
7 dissemination of real-time or near real-time me-
8 teorological situational awareness data for un-
9 manned systems;

10 (E) an explanation of how such gaps or
11 shortfalls may be remedied to supplement the
12 weather forecasting capabilities of the Air Force
13 and to enhance the efficiency or effectiveness of
14 combat air power; and

15 (F) a plan for fielding existing technologies
16 and capabilities to mitigate such gaps or short-
17 falls.

18 **SEC. 214. LIMITATION PENDING CERTIFICATION ON THE**
19 **JOINT SURVEILLANCE TARGET ATTACK**
20 **RADAR SYSTEM RECAPITALIZATION PRO-**
21 **GRAM.**

22 (a) LIMITATION.—Until a period of 15 days has
23 elapsed following the date on which the Secretary of the
24 Air Force submits to the congressional defense committees
25 the certification described in subsection (b)—

1 (1) of the total amount of funds authorized to
2 be appropriated by this Act or otherwise made avail-
3 able for the Air Force for fiscal year 2019 for the
4 covered programs not more than 50 percent may be
5 obligated or expended for the programs; and

6 (2) the Secretary of the Air Force may not di-
7 vest more than one legacy E-8 Joint Surveillance
8 Target Attack Radar System aircraft.

9 (b) CERTIFICATION.—The certification described in
10 this subsection is a written statement of the Secretary of
11 the Air Force certifying that—

12 (1) the Secretary has awarded one or more con-
13 tracts under the Joint Surveillance Target Attack
14 Radar System recapitalization program for—

15 (A) engineering, manufacturing, and devel-
16 opment

17 (B) low-rate initial production;

18 (C) production; and

19 (D) initial contractor support; and

20 (2) the program is proceeding in accordance
21 with the plans for the program set forth in the
22 budget request of the President submitted to Con-
23 gress under section 1105 of title 31, United States
24 Code, for fiscal year 2018.

25 (c) GAO REPORT AND BRIEFING.—

1 (1) REPORT REQUIRED.—Not later than March
2 1, 2020, the Comptroller General of the United
3 States shall submit to the congressional defense
4 committees a report on Increment 1, Increment 2,
5 and Increment 3 of the 21st Century Advanced Bat-
6 tle-Management System of Systems capability of the
7 Air Force. The report shall include a review of—

8 (A) the technologies that compose the ca-
9 pability and the level of maturation of such
10 technologies;

11 (B) the resources budgeted for the capa-
12 bility;

13 (C) the fielding plan for the capability;

14 (D) any risk assessments associated with
15 the capability; and

16 (E) the overall acquisition strategy for the
17 capability.

18 (2) INTERIM BRIEFING.—Not later than March
19 1, 2019, the Comptroller General of the United
20 States shall provide to the Committee on Armed
21 Services of the House of Representatives a briefing
22 on the topics to be covered by the report under para-
23 graph (1), including any preliminary data and any
24 issues or concerns of the Comptroller General relat-
25 ing to the report.

1 (d) AIR FORCE REPORT.—Not later than February
2 5, 2019, the Secretary of the Air Force shall submit to
3 the congressional defense committees a report on the leg-
4 acy fleet of E–8C Joint Surveillance Target Attack Radar
5 System aircraft that includes—

6 (1) the modernization and sustainment strat-
7 egy, and associated costs, for the airframe and mis-
8 sion systems that will be used to maintain the legacy
9 fleet of such aircraft until the Joint Surveillance
10 Target Attack Radar System recapitalization pro-
11 gram achieves initial operational capability; and

12 (2) a plan that describes how the Secretary
13 will—

14 (A) continue to provide combatant com-
15 manders with the current level of E–8C force
16 support;

17 (B) accelerate the Joint Surveillance Tar-
18 get Attack Radar System recapitalization pro-
19 gram to significantly decrease the time needed
20 to achieve initial operational capability without
21 adversely affecting currently programmed E–8C
22 manpower levels; and

23 (C) maintain acceptable levels of risk while
24 carrying out the activities described in subpara-
25 graphs (A) and (B).

1 (e) PROGRAM OFFICE PERSONNEL.—Using funds
2 authorized to be appropriated by this Act or otherwise
3 made available for the Air Force for fiscal year 2019 for
4 the Joint Surveillance Target Attack Radar System re-
5 capitalization program, the Secretary of the Air Force
6 may obligate and expend funds necessary for civilian pay
7 expenses required to manage, execute, and deliver the
8 Joint Surveillance Target Attack Radar System recapital-
9 ization weapon system capability.

10 (f) COVERED PROGRAM DEFINED.—In this section,
11 the term “covered program” means any program com-
12 prising Increment 1, Increment 2, or Increment 3, of the
13 21st Century Advanced Battle-Management System of
14 Systems capability of the Air Force, except the term does
15 not include any activities under the legacy E–8C program
16 or the Joint Surveillance Target Attack Radar System re-
17 capitalization program of the Air Force.

18 **SEC. 215. LIMITATION ON AVAILABILITY OF FUNDS FOR F–**
19 **35 CONTINUOUS CAPABILITY DEVELOPMENT**
20 **AND DELIVERY.**

21 (a) LIMITATION.—Except as provided in subsection
22 (b), of the funds authorized to be appropriated by this Act
23 or otherwise made available for fiscal year 2019 for the
24 F–35 continuous capability development and delivery pro-
25 gram, not more than 75 percent may be obligated or ex-

1 pending until a period of 15 days has elapsed following the
2 date on which the Secretary of Defense submits to the
3 congressional defense committees a detailed cost estimate
4 and baseline schedule for the program, which shall include
5 any information required for a major defense acquisition
6 program under section 2435 of title 10, United States
7 Code.

8 (b) EXCEPTION.—The limitation in subsection (a)
9 does not apply to any funds authorized to be appropriated
10 or otherwise made available for the development of the F–
11 35 dual capable aircraft capability.

12 **SEC. 216. LIMITATION ON AVAILABILITY OF FUNDS PEND-**
13 **ING REPORT ON AGILE SOFTWARE DEVELOP-**
14 **MENT AND SOFTWARE OPERATIONS.**

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

20 (b) REPORT.—Subject to subsection (c), the Sec-
21 retary of the Air Force shall submit to the congressional
22 defense committees a report that includes a description
23 of each of the following:

24 (1) The specific cost-estimating tools and meth-
25 odologies used to formulate Air Force budgets for

1 software application development using Agile Soft-
2 ware Development and Software Operations (re-
3 ferred to in this section as “Agile DevOps”) in sup-
4 port of modernization and upgrade activities for Air
5 Operations Centers.

6 (2) The types of contracts used to execute Agile
7 DevOps activities and the rationale for using each
8 type of contract.

9 (3) How intellectual property ownership issues
10 associated with software applications developed with
11 Agile DevOps processes will be addressed to ensure
12 future sustainment, maintenance, and upgrades to
13 software applications after the applications are field-
14 ed.

15 (4) The Secretary’s strategy for ensuring that
16 software applications developed for Air Operations
17 Centers are transportable and translatable among all
18 the Centers to avoid any duplication of efforts.

19 (5) Any tools and software applications that
20 have been developed for the Air Operations Centers
21 and the costs and cost categories associated with de-
22 veloping each such tool and software application.

23 (c) REVIEW.—Before submitting the report under
24 subsection (b), the Secretary of the Air Force shall ensure
25 that the report is reviewed and approved by the Director

1 of Defense Pricing and the Defense Procurement and Ac-
2 quisition Policy.

3 (d) FUNDS DESCRIBED.—The funds described in this
4 subsection are the following:

5 (1) Funds authorized to be appropriated by this
6 Act or otherwise made available for fiscal year 2019
7 for research, development, test, and evaluation, Air
8 Force, for Air and Space Operations Centers (PE
9 0207410F, Project 674596).

10 (2) Funds authorized to be appropriated by this
11 Act or otherwise made available for fiscal year 2019
12 for other procurement, Air Force, for Air and Space
13 Operations Centers.

14 **SEC. 217. LIMITATION ON AVAILABILITY OF FUNDS FOR**
15 **CERTAIN HIGH ENERGY LASER ADVANCED**
16 **TECHNOLOGY.**

17 (a) LIMITATION.—Of the funds authorized to be ap-
18 propriated by this Act or otherwise made available for fis-
19 cal year 2019 for the Department of Defense for High
20 Energy Laser Advanced Technology (PE 0603924D8Z),
21 not more than 50 percent may be obligated or expended
22 until the date on which the Secretary of Defense submits
23 to the congressional defense committees—

1 (1) a logical roadmap and detailed assessment
2 of the high energy laser programs of the Depart-
3 ment of Defense; and

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

8 (b) RULE OF CONSTRUCTION.—The limitation in
9 subsection (a) shall not be construed to apply to any other
10 high energy laser program of the Department of Defense
11 other than the program element specified in such sub-
12 section.

13 **SEC. 218. PLAN FOR ELIMINATION OR TRANSFER OF THE**
14 **STRATEGIC CAPABILITIES OFFICE OF THE**
15 **DEPARTMENT OF DEFENSE.**

16 (a) PLAN REQUIRED.—Not later than March 1,
17 2019, the Secretary of Defense, acting through the Under
18 Secretary of Defense for Research and Engineering, shall
19 submit to the congressional defense committees a plan—

20 (1) to eliminate the Strategic Capabilities Office
21 of the Department of Defense by not later than Oc-
22 tober 1, 2020; or

23 (2) to transfer the functions of the Strategic
24 Capabilities Office to another organization or ele-

1 ment of the Department by not later than October
2 1, 2020.

3 (b) ELEMENTS.—The plan required under subsection
4 (a) shall include the following:

5 (1) A timeline for the potential elimination or
6 transfer of the activities, functions, programs, plans,
7 and resources of the Strategic Capabilities Office.

8 (2) A strategy for mitigating risk to the pro-
9 grams of the Strategic Capabilities Office while the
10 elimination or transfer is carried out.

11 (3) A strategy for implementing the lessons
12 learned and best practices of the Strategic Capabili-
13 ties Office across the organizations and elements of
14 the Department of Defense to promote enterprise-
15 wide innovation.

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

19 **SEC. 219. NATIONAL SECURITY SCIENCE AND TECHNOLOGY**
20 **STRATEGY.**

21 (a) STRATEGY.—Not later than February 4, 2019,
22 the Secretary of Defense shall develop and implement a
23 strategy (to be known as the “National Security Science
24 and Technology Strategy”) to prioritize the science and

1 technology efforts and investments of the Department of
2 Defense.

3 (b) ELEMENTS.—The strategy under subsection (a)
4 shall—

5 (1) include specific goals for the science and
6 technology programs of the Department of Defense
7 in which personnel and resources of the Department
8 are invested;

9 (2) be aligned with the National Defense Strat-
10 egy and Government-wide strategic science and tech-
11 nology priorities, including the defense budget prior-
12 ities of the Office of Science and Technology Policy
13 of the President;

14 (3) align the acquisition priorities, programs,
15 and timelines of the Department with the acquisition
16 priorities, programs, and timelines of defense enter-
17 prise laboratories and services;

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

22 (5) identify high priority research and engineer-
23 ing requirements and gaps;

24 (6) include recommendations for changes in au-
25 thorities, regulations, policies, or any other relevant

1 areas, that would support the achievement of the
2 goals set forth in the strategy; and

3 (7) contain such other information as the Sec-
4 retary of Defense determines to be appropriate.

5 (c) ANNUAL SUBMISSION.—

6 (1) IN GENERAL.—Not later than February 4,
7 2019, and annually thereafter through December 31,
8 2021, the Secretary of Defense shall submit to the
9 congressional defense committees the most recent
10 version of the strategy developed under subsection
11 (a).

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

15 (d) BRIEFING.—Not later than 14 days after the date
16 on which the initial strategy under subsection (a) is com-
17 pleted, the Under Secretary of Defense for Research and
18 Engineering shall provide to the Committees on Armed
19 Services of the Senate and the House of Representatives
20 a briefing on the implementation of the strategy.

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

23 The Secretary of the Navy shall ensure that the air-
24 craft carrier designated CVN-73 is modified to support
25 the fielding of the MQ-25 unmanned aerial vehicle before

1 the date on which the refueling and complex overhaul of
2 the aircraft carrier is completed.

3 **Subtitle C—Reports and Other**
4 **Matters**

5 **SEC. 221. REPORT ON SURVIVABILITY OF AIR DEFENSE AR-**
6 **TILLERY.**

7 (a) REPORT REQUIRED.—Not later than March 1,
8 2019, the Secretary of the Army shall submit to the Com-
9 mittees on Armed Services of the Senate and the House
10 of Representatives a report on the efforts of the Army to
11 improve the survivability of air defense artillery, with a
12 particular focus on the efforts of the Army to improve pas-
13 sive and active nonkinetic capabilities and training with
14 respect to such artillery.

15 (b) ELEMENTS.—The report required under sub-
16 section (a) shall include the following:

17 (1) An analysis of the utility of relevant passive
18 and active non-kinetic integrated air and missile de-
19 fense capabilities, including tactical mobility, new
20 passive and active sensors, signature reduction, con-
21 cealment, and deception systems, and electronic war-
22 fare and high-powered radio frequency systems.

23 (2) An analysis of the utility of relevant active
24 kinetic capabilities, such as a new, long-range
25 counter-maneuvering threat missile and additional

1 indirect fire protection capability units to defend Pa-
2 triot and Terminal High Altitude Area Defense bat-
3 teries.

4 (c) FORM OF REPORT.—The report required under
5 subsection (a) shall be submitted in unclassified form, but
6 may contain a classified annex.

7 **SEC. 222. REPORT ON T-45 AIRCRAFT PHYSIOLOGICAL EPI-**
8 **SODE MITIGATION ACTIONS.**

9 (a) REPORT REQUIRED.—Not later than March 1,
10 2019, the Secretary of the Navy shall submit to the con-
11 gressional defense committees a report on modifications
12 made to T-45 aircraft and associated ground equipment
13 to mitigate the risk of physiological episodes among T-
14 45 aircraft crewmembers.

15 (b) ELEMENTS.—The report required under sub-
16 section (a) shall include—

17 (1) a list of all modifications to the T-45 air-
18 craft and associated ground equipment carried out
19 during fiscal years 2017 through 2019 to mitigate
20 the risk of physiological episodes among T-45 crew-
21 members;

22 (2) the results achieved by such modifications
23 as determined by relevant testing and operational
24 activities;

25 (3) the cost of such modifications; and

1 (4) any plans of the Navy for future modifica-
2 tions.

3 **SEC. 223. REPORT ON EFFORTS OF THE AIR FORCE TO**
4 **MITIGATE PHYSIOLOGICAL EPISODES AF-**
5 **FECTING AIRCRAFT CREWMEMBERS.**

6 (a) REPORT REQUIRED.—Not later than March 1,
7 2019, the Secretary of the Air Force shall submit to the
8 congressional defense committees a report on all efforts
9 of the Air Force to reduce the occurrence of, and mitigate
10 the risk posed by, physiological episodes affecting crew-
11 members of covered aircraft.

12 (b) ELEMENTS.—The report required under sub-
13 section (a) shall include—

14 (1) information on the rate of physiological epi-
15 sodes affecting crewmembers of covered aircraft;

16 (2) a description of the specific actions carried
17 out by the Air Force to address such episodes, in-
18 cluding a description of any upgrades or other modi-
19 fications made to covered aircraft to address such
20 episodes;

21 (3) schedules and cost estimates for any up-
22 grades or modifications identified under paragraph
23 (3); and

1 (4) an explanation of any organizational or
2 other changes to the Air Force carried out to ad-
3 dress such physiological episodes.

4 (c) COVERED AIRCRAFT DEFINED.—In this section,
5 the term “covered aircraft” means—

6 (1) F–35A aircraft of the Air Force;

7 (2) T–6A aircraft of the Air Force; and

8 (3) any other aircraft of the Air Force as deter-
9 mined by the Secretary of the Air Force.

10 **SEC. 224. BRIEFING ON USE OF QUANTUM SCIENCES FOR**
11 **MILITARY APPLICATIONS AND OTHER PUR-**
12 **POSES.**

13 (a) BRIEFING REQUIRED.—Not later than 180 days
14 after the date of the enactment of this Act, the Secretary
15 of Defense shall provide to the congressional defense com-
16 mittees a briefing on the strategy of the Secretary for
17 using quantum sciences for military applications and other
18 purposes.

19 (b) ELEMENTS.—The briefing under subsection (a)
20 shall include—

21 (1) a description of the knowledge-base of the
22 Department of Defense with respect to quantum
23 sciences and any plans of the Secretary of Defense
24 to enhance such knowledge-base;

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

5 (3) an assessment of the efforts of foreign pow-
6 ers to use quantum sciences for military applications
7 and other purposes.

8 (c) FORM OF BRIEFING.—The briefing under sub-
9 section (a) may be provided in classified or unclassified
10 form.

11 **SEC. 225. REPORT ON DEFENSE INNOVATION UNIT EXPERI-**
12 **MENTAL.**

13 Not later than May 1, 2019, the Under Secretary of
14 Defense for Research and Engineering shall submit to the
15 congressional defense committees a report on Defense In-
16 novation Unit Experimental (in this section referred to as
17 the “Unit”). Such a report shall include the following:

18 (1) The integration of the Unit into the broader
19 Department of Defense research and engineering
20 community to coordinate and de-conflict activities of
21 the Unit with similar activities of the military de-
22 partments, Defense Agencies, Department of De-
23 fense laboratories, the Defense Advanced Research
24 Project Agency, and other entities.

1 (2) The metrics used to measure the effective-
2 ness of the Unit and the results of these metrics.

3 (3) The number and types of transitions by the
4 Unit to the military departments or fielded to the
5 warfighter.

6 (4) The use of other transaction authority by
7 the Unit to include the process, procedures, docu-
8 mentation, and oversight of awards made using such
9 authority.

10 (5) The impact of the Unit's initiatives, out-
11 reach, and investments on Department of Defense
12 access to technology leaders and technology not oth-
13 erwise accessible to the Department including—

14 (A) identification of the number of non-
15 traditional companies with Department of De-
16 fense contracts resulting directly from the
17 Unit's initiatives, investments, or outreach;

18 (B) the number of innovations delivered
19 into the hands of the warfighter; and

20 (C) how the Department is notifying its in-
21 ternal components about participation in the
22 Unit.

23 (6) How the Department of Defense is docu-
24 menting and institutionalizing lessons learned and
25 best practices of the Unit to alleviate the systematic

1 problems with technology access and timely contract
2 execution.

3 **TITLE III—OPERATION AND**
4 **MAINTENANCE**
5 **Subtitle A—Authorization of**
6 **Appropriations**

7 **SEC. 301. AUTHORIZATION OF APPROPRIATIONS.**

8 Funds are here by authorized to be appropriated for
9 fiscal year 2019 for the use of the Armed Forces and other
10 activities and agencies of the Department of Defense for
11 expenses, not otherwise provided for, for operation and
12 maintenance, as specified in the funding table in section
13 4301.

14 **Subtitle B—Energy and**
15 **Environment**

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

20 Section 2864 of title 10, United States Code, is
21 amended—

22 (1) in subsection (a)(2)—

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

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

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

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

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

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

16 **SEC. 312. USE OF PROCEEDS FROM SALES OF ELECTRICAL**
17 **ENERGY DERIVED FROM GEOTHERMAL RE-**
18 **SOURCES FOR PROJECTS AT MILITARY IN-**
19 **STALLATIONS WHERE RESOURCES ARE LO-**
20 **CATED.**

21 Subsection (b) of section 2916 of title 10, United
22 States Code, is amended—

23 (1) in paragraph (1), by striking “Proceeds”
24 and inserting “Except as provided in paragraph (3),
25 proceeds”; and

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

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

5 “(A) 50 percent shall be credited to the appro-
6 piation account described in paragraph (1); and

7 “(B) 50 percent shall be deposited in a special
8 account in the Treasury established by the Secretary
9 concerned which shall be available, for military con-
10 struction projects described in paragraph (2) or for
11 installation energy or water security projects directly
12 coordinated with local area energy or groundwater
13 governing authorities, for the military installation in
14 which the geothermal energy resource is located.”.

15 **SEC. 313. EXTENSION OF AUTHORIZED PERIODS OF PER-**
16 **MITTED INCIDENTAL TAKINGS OF MARINE**
17 **MAMMALS IN THE COURSE OF SPECIFIED AC-**
18 **TIVITIES BY DEPARTMENT OF DEFENSE.**

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

21 (1) in clause (i), by striking “Upon request”
22 and inserting “Except as provided by clause (ii),
23 upon request”;

24 (2) by redesignating clauses (ii) and (iii) as
25 clauses (iii) and (iv), respectively; and

1 (3) by inserting after clause (i) the following
2 new clause (ii):

3 “(ii) In the case of a request described in clause (i)
4 made by the Department of Defense, such clause shall be
5 applied—

6 “(I) in the matter preceding clause (I), by sub-
7 stituting ‘ten consecutive years’ for ‘five consecutive
8 years’; and

9 “(II) in clause (I), by substituting ‘ten-year’ for
10 ‘five-year’.”.

11 **SEC. 314. STATE MANAGEMENT AND CONSERVATION OF**
12 **SPECIES.**

13 (a) SAGE-GROUSE AND PRAIRIE-CHICKEN.—

14 (1) IN GENERAL.—During the 10-year period
15 beginning on the date of the enactment of this Act,
16 the conservation status of each of the Greater Sage-
17 grouse (*Centrocercus urophasianus*) and the Lesser
18 Prairie-Chicken (*Tympanuchus pallidicinctus*) under
19 section 4 of the Endangered Species Act of 1973 (16
20 U.S.C. 1533) shall be not-warranted for listing.

21 (2) SUBSEQUENT DETERMINATIONS.—In deter-
22 mining conservation efficacy for purposes of making
23 any determination of such status after such 10-year
24 period, the Secretary of the Interior shall fully con-

1 sider all conservation actions of States, Federal
2 agencies, and military installations.

3 (b) AMERICAN BURYING BEETLE.—Notwithstanding
4 the final rule of the United States Fish and Wildlife Serv-
5 ice entitled “Endangered and Threatened Wildlife and
6 Plants; Determination of Endangered Status for the
7 American Burying Beetle” (54 Fed. Reg. 29652 (July 13,
8 1989)), the American burying beetle (*Nicrophorus*
9 *americanus*) may not be listed as a threatened species or
10 endangered species under the Endangered Species Act of
11 1973 (16 U.S.C. 1531 et seq.).

12 (c) JUDICIAL REVIEW.—Notwithstanding any other
13 provision of statute or regulation, this section shall not
14 be subject to judicial review.

15 **Subtitle C—Logistics and** 16 **Sustainment**

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

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

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

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

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

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

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

9 (a) TREATMENT OF NAVAL VESSELS WITHOUT DES-
10 IGNATED HOMEPORTS.—Subsection (a)(1) of section
11 7310 of title 10, United States Code, is amended by add-
12 ing at the end the following new sentence: “For the pur-
13 pose of this section, a naval vessel that does not have a
14 designated homeport shall be treated in the same manner
15 as a vessel with a homeport in the United States or
16 Guam.”.

17 (b) DEFINITION OF VOYAGE REPAIR.—Such section
18 is further amended—

19 (1) in subsection (c)—

20 (A) in paragraph (3)(C), by striking “as
21 defined” and all that follows through “Volume
22 III”; and

23 (B) by striking paragraph (5); and

24 (2) by adding at the end the following new sub-
25 section:

1 “(d) DEFINITIONS.—In this section:

2 “(1) The term ‘covered naval vessel’ means any
3 of the following:

4 “(A) A naval vessel.

5 “(B) Any other vessel under the jurisdic-
6 tion of the Secretary of the Navy.

7 “(C) A vessel not described in subpara-
8 graph (A) or (B) that is operated pursuant to
9 a contract entered into by the Secretary of the
10 Navy and the Maritime Administration or the
11 United States Transportation Command in sup-
12 port of Department of Defense operations.

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

17 **SEC. 323. LIMITATION ON LENGTH OF OVERSEAS FORWARD**
18 **DEPLOYMENT OF NAVAL VESSELS.**

19 (a) LIMITATION.—

20 (1) IN GENERAL.—Chapter 633 of title 10,
21 United States Code, is amended by adding at the
22 end the following new section:

1 **“§ 7320. Limitation on length of overseas forward de-**
2 **ployment of naval vessels**

3 “(a) LIMITATION.—The Secretary of the Navy shall
4 ensure that no naval vessel is forward deployed overseas
5 for a period in excess of ten years. At the end of a period
6 of overseas forward deployment, the vessel shall be as-
7 signed a homeport in the United States.

8 “(b) WAIVER.—The Secretary of the Navy may waive
9 the limitation under subsection (a) with respect to a naval
10 vessel if the Secretary submits to the congressional de-
11 fense committees notice in writing of—

12 “(1) the waiver of such limitation with respect
13 to the vessel;

14 “(2) the date on which the period of overseas
15 forward deployment of the vessel is expected to end;
16 and

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

21 “(2) CLERICAL AMENDMENT.—The table of sec-
22 tions at the beginning of such chapter is amended
23 by adding at the end the following new section:

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

24 “(b) TREATMENT OF CURRENTLY DEPLOYED VES-
25 SELS.—In the case of any naval vessel that has been for-

1 ward deployed overseas for a period in excess of ten years
2 as of the date of the enactment of this Act, the Secretary
3 of the Navy shall ensure that such vessel is assigned a
4 homeport in the United States by not later than three
5 years after the date of the enactment of this Act.

6 (c) CONGRESSIONAL BRIEFING.—Not later than 90
7 days after the date of the enactment of this Act, the Sec-
8 retary of the Navy shall provide to the Committees on
9 Armed Services of the Senate and House of Representa-
10 tives a briefing on the plan of the Secretary for the rota-
11 tion of forward deployed naval vessels.

12 **SEC. 324. TEMPORARY MODIFICATION OF WORKLOAD CAR-**
13 **RYOVER FORMULA.**

14 During the period beginning on the date of the enact-
15 ment of this Act and ending on September 30, 2021, in
16 carrying out chapter 9, volume 2B (relating to Instruc-
17 tions for the Preparation of Exhibit Fund-11a Carryover
18 Reconciliation) of Department of Defense regulation
19 7000.14-R, entitled “Financial Management Regulation
20 (FMR)”, in addition to any other applicable exemptions,
21 the Secretary of Defense shall ensure that with respect
22 to each military department depot or arsenal, outlay
23 rates—

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

4 (2) account for the varying repair cycle times of
5 the workload supported.

6 **SEC. 325. LIMITATION ON USE OF FUNDS FOR IMPLEMEN-**
7 **TATION OF ELEMENTS OF MASTER PLAN FOR**
8 **REDEVELOPMENT OF FORMER SHIP REPAIR**
9 **FACILITY IN GUAM.**

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

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

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

1 1990 (part A of title XXIX of Public Law 101-510; 10
2 USC 2687 note).

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

6 (a) BUSINESS CASE ANALYSIS.—The Secretary of
7 the Air Force shall prepare a business case analysis on
8 the proposed relocation of the J85 Engine Regional Re-
9 pair Center. Such analysis shall include each of the fol-
10 lowing:

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 Gov-
19 ernment-furnished parts, components, and equip-
20 ment, including mitigation strategies to address
21 known limitations to T38 production throughput, es-
22 pecially such limitations caused by Government-fur-
23 nished 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
5 alternative considered as part of the business case
6 analysis under this section.

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

24 (1) support the efforts of the Army to imple-
25 ment advanced and additive manufacturing tech-

1 niques and capabilities across the Army industrial
2 facilities (as defined by section 4544(j) of title 10,
3 United States 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 facili-
20 tate the development of advanced and additive man-
21 ufacturing techniques in support of Army industrial
22 facilities.

23 (2) TERMS OF PARTNERSHIPS AND AGREE-
24 MENTS.—Public-private partnerships and other
25 transactional 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 de-
6 velopment and support efforts to sustain ad-
7 vanced and additive manufacturing in the Army
8 organic 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 ad-
23 vanced 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

1 a multidomain battle that integrates ground, air,
2 sea, space, and cyber forces.”.

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

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

- 11 (1) Ground.
- 12 (2) Sea.
- 13 (3) Air.
- 14 (4) Space.
- 15 (5) Cyber.

16 (b) ELEMENTS OF REVIEW.—In conducting a review
17 under subsection (a), the Comptroller General shall—

- 18 (1) use standard methodology and reporting
19 formats in order to show changes over time;
- 20 (2) evaluate, using fiscal year 2017 as the base
21 year of analysis—
 - 22 (A) force structure;
 - 23 (B) the ability of major operational units
24 to conduct operations; and

1 (C) the status of equipment, manning, and
2 training; and

3 (3) provide reasons for any variances in readi-
4 ness levels, including changes in funding, availability
5 in parts, training opportunities, and operational de-
6 mands.

7 (c) METRICS.—For purposes of the reviews required
8 by this section, the Secretary of Defense shall identify and
9 establish metrics for measuring readiness for the oper-
10 ations covered by subsection (a). In the first review con-
11 ducted under this section, the Comptroller General shall
12 evaluate and determine the validity of such metrics.

13 (d) ACCESS TO RELEVANT DATA.—For purposes of
14 this section, the Secretary of Defense shall ensure that
15 the Comptroller General has access to all relevant data,
16 including—

17 (1) any assessments of the ability of the De-
18 partment of Defense and the Armed Forces to exe-
19 cute operational and contingency plans;

20 (2) any internal Department readiness and
21 force structure assessments; and

22 (3) the readiness databases of the Department
23 and the Armed Forces.

24 (e) REPORTS.—

1 (1) ANNUAL REPORT.—Not later than Feb-
2 ruary 28, 2019, and annually thereafter until 2022,
3 the Comptroller General shall submit to the Commit-
4 tees on Armed Services of the Senate and House of
5 Representatives an annual report on the review con-
6 ducted under subsection (a) for the year preceding
7 the year during which the report is submitted.

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

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

17 (a) FINDINGS.—Congress makes the following find-
18 ings:

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

1 (2) The causal factors in these four mishaps
2 are linked directly to a failure to take sufficient ac-
3 tion in accordance with the rules of good seaman-
4 ship.

5 (3) Because risks are high in the maritime envi-
6 ronment, there are widely accepted standards for
7 safe seamanship and navigation. In the United
8 States, the International Convention on Standards
9 of Training, Certification and Watchkeeping (herein-
10 after in this section referred to as the “STCW”) for
11 Seafarers, standardizes the skills and foundational
12 knowledge a maritime professional must have in sea-
13 manship and navigation.

14 (4) Section 568 of the National Defense Au-
15 thorization Act for Fiscal Year 2017 (Public Law
16 114-328; 130 Stat. 2139) endorsed the STCW proc-
17 ess and required the Secretary of Defense to maxi-
18 mize the extent to which Armed Forces service,
19 training, and qualifications are creditable toward
20 meeting merchant mariner licenses and certifi-
21 cations.

22 (5) The Surface Warfare Officer Course Cur-
23 riculum is being modified to include ten individual
24 Go/No Go Mariner Assessments/Competency Check

1 Milestones to ensure standardization and quality of
2 the surface warfare community.

3 (6) The Military-to-Mariner Transition report
4 of September 2017 notes the Army maintains an ex-
5 tensive STCW qualifications program and that a
6 similar Navy program does not exist.

7 (b) SENSE OF CONGRESS.—It is the sense of Con-
8 gress that—

9 (1) the Secretary of the Navy should establish
10 a comprehensive individual proficiency assessment
11 process and include such an assessment prior to all
12 operational surface warfare officer tour assignments;
13 and

14 (2) the Secretary of the Navy should signifi-
15 cantly expand the STCW qualifications process to
16 improve seamanship and navigation individual skills
17 training for surface warfare candidates, surface war-
18 fare officers, quartermasters and operations special-
19 ists to include an increased set of courses that di-
20 rectly correspond to STCW standards.

21 (c) REPORT.—Not later than March 1, 2019, the
22 Secretary of the Navy shall submit to the congressional
23 defense committees a report that includes each of the fol-
24 lowing:

1 (1) A detailed description of the surface war-
2 fare officer assessments process.

3 (2) A list of programs that have been approved
4 for credit toward merchant mariner credentials.

5 (3) A complete gap analysis of the existing sur-
6 face warfare training curriculum and STCW.

7 (4) A complete gap analysis of the existing sur-
8 face warfare training curriculum and the 3rd mate
9 unlimited licensing requirement.

10 (5) An assessment of surface warfare options to
11 complete the 3rd mate unlimited license and the
12 STCW qualification.

13 **SEC. 334. REPORT ON OPTIMIZING SURFACE NAVY VESSEL**
14 **INSPECTIONS AND CREW CERTIFICATIONS.**

15 (a) REPORT REQUIRED.—Not later than one year
16 after the date of the enactment of this Act, the Secretary
17 of the Navy shall submit to Congress a report on opti-
18 mizing surface Navy vessel inspections and crew certifi-
19 cations to reduce the burden of inspection type visits that
20 vessels undergo. Such report shall include—

21 (1) an audit of all surface Navy vessel inspec-
22 tions, certifications, and required and recommended
23 assist visits;

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

4 (3) recommendations to streamline surface ves-
5 sel inspections, certifications, and required and rec-
6 ommended assist visits to optimize effectiveness, im-
7 prove material readiness, and restore training readi-
8 ness; and

9 (4) recommendations for congressional action to
10 address the needs of the Navy as identified in the
11 report.

12 (b) CONGRESSIONAL BRIEFING.—Not later than
13 January 31, 2019, the Secretary of the Navy shall provide
14 to the Senate Committee on Armed Services and the
15 House Committee on Armed Services an interim briefing
16 on the matters to be included in the report required by
17 subsection (a).

18 **Subtitle E—Other Matters**

19 **SEC. 341. COAST GUARD REPRESENTATION ON EXPLOSIVE** 20 **SAFETY BOARD.**

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

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

1 (2) by adding at the end the following new sen-
2 tence: “When the Coast Guard is not operating as
3 a service in the Department of the Navy, the Sec-
4 retary of Homeland Security shall appoint an officer
5 of the Coast Guard to serve as a voting member of
6 the board.”.

7 **SEC. 342. SHILOH NATIONAL MILITARY PARK BOUNDARY**
8 **ADJUSTMENT AND PARKER’S CROSSROADS**
9 **BATTLEFIELD DESIGNATION.**

10 (a) AREAS TO BE ADDED TO SHILOH NATIONAL
11 MILITARY PARK.—

12 (1) ADDITIONAL AREAS.—The boundary of Shi-
13 loh National Military Park is modified to include the
14 areas that are generally depicted on the map entitled
15 “Shiloh National Military Park, Proposed Boundary
16 Adjustment”, numbered 304/80,011, and dated July
17 2014, as follows:

18 (A) Fallen Timbers Battlefield.

19 (B) Russell House Battlefield.

20 (C) Davis Bridge Battlefield.

21 (2) ACQUISITION AUTHORITY.—The Secretary
22 may acquire lands described in paragraph (1) by do-
23 nation, purchase from willing sellers with donated or
24 appropriated funds, or exchange.

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

4 (b) ESTABLISHMENT OF AFFILIATED AREA.—

5 (1) IN GENERAL.—Parker’s Crossroads Battle-
6 field in the State of Tennessee is hereby established
7 as an affiliated area of the National Park System.

8 (2) DESCRIPTION.—The affiliated area shall
9 consist of the area generally depicted within the
10 “Proposed Boundary” on the map entitled “Parker’s
11 Crossroads Battlefield, Proposed Boundary”, num-
12 bered 903/80,073, and dated July 2014.

13 (3) ADMINISTRATION.—The affiliated area shall
14 be managed in accordance with this section and all
15 laws generally applicable to units of the National
16 Park System.

17 (4) MANAGEMENT ENTITY.—The City of Park-
18 ers Crossroads and the Tennessee Historical Com-
19 mission shall jointly be the management entity for
20 the affiliated area.

21 (5) COOPERATIVE AGREEMENTS.—The Sec-
22 retary may provide technical assistance and enter
23 into cooperative agreements with the management
24 entity for the purpose of providing financial assist-

1 ance with marketing, marking, interpretation, and
2 preservation of the affiliated area.

3 (6) LIMITED ROLE OF THE SECRETARY.—Noth-
4 ing in this section authorizes the Secretary to ac-
5 quire property at the affiliated area or to assume
6 overall financial responsibility for the operation,
7 maintenance, or management of the affiliated area.

8 (7) GENERAL MANAGEMENT PLAN.—

9 (A) IN GENERAL.—The Secretary, in con-
10 sultation with the management entity, shall de-
11 velop a general management plan for the affili-
12 ated area. The plan shall be prepared in accord-
13 ance with section 100502 of title 54, United
14 States Code.

15 (B) TRANSMITTAL.—Not later than 3
16 years after the date that funds are made avail-
17 able for this section, the Secretary shall provide
18 a copy of the completed general management
19 plan to the Committee on Natural Resources of
20 the House of Representatives and the Com-
21 mittee on Energy and Natural Resources of the
22 Senate.

23 (c) PRIVATE PROPERTY PROTECTION.—

24 (1) NO USE OF CONDEMNATION.—The Sec-
25 retary may not acquire by condemnation any land or

1 interests in land under this section or for the pur-
2 poses of this section.

3 (2) WRITTEN CONSENT OF OWNER.—No non-
4 Federal property may be included in the Shiloh Na-
5 tional Military Park without the written consent of
6 the owner.

7 (3) NO BUFFER ZONE CREATED.—Nothing in
8 this section, the establishment of the Shiloh Na-
9 tional Military Park, or the management plan for
10 the Shiloh National Military Park shall be construed
11 to create buffer zones outside of the Park. That ac-
12 tivities or uses can be seen, heard, or detected from
13 areas within the Shiloh National Military Park shall
14 not preclude, limit, control, regulate, or determine
15 the conduct or management of activities or uses out-
16 side of the Park.

17 (d) DEFINITIONS.—In this section:

18 (1) The term “affiliated area” means the Park-
19 er’s Crossroads Battlefield established as an affili-
20 ated area of the National Park System under sub-
21 section (b).

22 (2) The term “Park” means Shiloh National
23 Military Park, a unit of the National Park System.

24 (3) The term “Secretary” means the Secretary
25 of the Interior.

1 **SEC. 343. SENSE OF CONGRESS REGARDING CRITICAL MIN-**
2 **ERALS.**

3 It is the sense of Congress that the final composition
4 of the critical minerals list, as ordered by Executive Order
5 13817, should include aggregates, copper, molybdenum,
6 gold, zinc, nickel, lead, silver, and certain fertilizer com-
7 pounds in addition to the 35 minerals included in the draft
8 list, as published on February 16, 2018, for public com-
9 ment.

10 **TITLE IV—MILITARY**
11 **PERSONNEL AUTHORIZATIONS**
12 **Subtitle A—Active Forces**

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

14 The Armed Forces are authorized strengths for active
15 duty personnel as of September 30, 2019, as follows:

- 16 (1) The Army, 487,500.
17 (2) The Navy, 335,400.
18 (3) The Marine Corps, 186,100.
19 (4) The Air Force, 329,100.

20 **SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END**
21 **STRENGTH MINIMUM LEVELS.**

22 Section 691(b) of title 10, United States Code, is
23 amended by striking paragraphs (1) through (4) and in-
24 serting the following new paragraphs:

- 25 “(1) For the Army, 487,500.
26 “(2) For the Navy, 335,400.

1 “(3) For the Marine Corps, 186,100.

2 “(4) For the Air Force, 329,100.”.

3 **Subtitle B—Reserve Forces**

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

5 (a) IN GENERAL.—The Armed Forces are authorized
6 strengths for Selected Reserve personnel of the reserve
7 components as of September 30, 2019, as follows:

8 (1) The Army National Guard of the United
9 States, 343,500.

10 (2) The Army Reserve, 199,500.

11 (3) The Navy Reserve, 59,100.

12 (4) The Marine Corps Reserve, 38,500.

13 (5) The Air National Guard of the United
14 States, 107,100.

15 (6) The Air Force Reserve, 70,000.

16 (7) The Coast Guard Reserve, 7,000.

17 (b) END STRENGTH REDUCTIONS.—The end
18 strengths prescribed by subsection (a) for the Selected Re-
19 serve of any reserve component shall be proportionately
20 reduced by—

21 (1) the total authorized strength of units orga-
22 nized to serve as units of the Selected Reserve of
23 such component which are on active duty (other
24 than for training) at the end of the fiscal year; and

1 (2) the total number of individual members not
2 in units organized to serve as units of the Selected
3 Reserve of such component who are on active duty
4 (other than for training or for unsatisfactory partici-
5 pation in training) without their consent at the end
6 of the fiscal year.

7 (c) **END STRENGTH INCREASES.**—Whenever units or
8 individual members of the Selected Reserve of any reserve
9 component are released from active duty during any fiscal
10 year, the end strength prescribed for such fiscal year for
11 the Selected Reserve of such reserve component shall be
12 increased proportionately by the total authorized strengths
13 of such units and by the total number of such individual
14 members.

15 **SEC. 412 . END STRENGTHS FOR RESERVES ON ACTIVE**
16 **DUTY IN SUPPORT OF THE RESERVES.**

17 Within the end strengths prescribed in section
18 411(a), the reserve components of the Armed Forces are
19 authorized, as of September 30, 2019, the following num-
20 ber of Reserves to be serving on full-time active duty or
21 full-time duty, in the case of members of the National
22 Guard, for the purpose of organizing, administering, re-
23 cruiting, instructing, or training the reserve components:

24 (1) The Army National Guard of the United
25 States, 30,595.

1 (2) The Army Reserve, 16,386.

2 (3) The Navy Reserve, 10,110.

3 (4) The Marine Corps Reserve, 2,261.

4 (5) The Air National Guard of the United
5 States, 19,861.

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

7 **SEC. 413 . END STRENGTHS FOR MILITARY TECHNICIANS**
8 **(DUAL STATUS).**

9 The minimum number of military technicians (dual
10 status) as of the last day of fiscal year 2019 for the re-
11 serve components of the Army and the Air Force (notwith-
12 standing section 129 of title 10, United States Code) shall
13 be the following:

14 (1) For the Army National Guard of the United
15 States, 22,294.

16 (2) For the Army Reserve, 6,492.

17 (3) For the Air National Guard of the United
18 States, 18,969.

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

20 **SEC. 414 . MAXIMUM NUMBER OF RESERVE PERSONNEL**
21 **AUTHORIZED TO BE ON ACTIVE DUTY FOR**
22 **OPERATIONAL SUPPORT.**

23 During fiscal year 2019, the maximum number of
24 members of the reserve components of the Armed Forces
25 who may be serving at any time on full-time operational

1 support duty under section 115(b) of title 10, United
2 States Code, is the following:

3 (1) The Army National Guard of the United
4 States, 17,000.

5 (2) The Army Reserve, 13,000.

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

7 (4) The Marine Corps Reserve, 3,000.

8 (5) The Air National Guard of the United
9 States, 16,000.

10 (6) The Air Force Reserve, 14,000.

11 **Subtitle C—Authorization of**
12 **Appropriations**

13 **SEC. 421 . MILITARY PERSONNEL.**

14 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
15 are hereby authorized to be appropriated for fiscal year
16 2019 for the use of the Armed Forces and other activities
17 and agencies of the Department of Defense for expenses,
18 not otherwise provided for, for military personnel, as spec-
19 ified in the funding table in section 4401.

20 (b) CONSTRUCTION OF AUTHORIZATION.—The au-
21 thorization of appropriations in subsection (a) supersedes
22 any other authorization of appropriations (definite or in-
23 definite) 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 COM-**
9 **MISSIONED 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-re-
16 lated experience or advanced education”
17 and inserting “with advanced education,
18 special experience, or special training in a
19 designated 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-re-
3 lated field” and inserting “in such des-
4 ignated 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
9 officer under this subsection may not exceed the amount
10 required for the officer to be eligible for an original ap-
11 pointment 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 Sec-
23 retary 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 APPOINT-
4 MENTS.—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
7 (g)”;

8 (2) in subsection (f), by striking “or (e)” and
9 inserting “(e), or (g)”;

10 (3) by redesignating subsection (g) as sub-
11 section (h); and

12 (4) by inserting after subsection (f) the fol-
13 lowing new subsection (g):

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

23 “(A) Any period of advanced education in such
24 designated field beyond the baccalaureate degree

1 level if such advanced education is directly related to
2 the needs of the armed force concerned.

3 “(B) Special experience or special training in
4 such designated field if such experience or training
5 is directly related to the needs of the armed force
6 concerned.

7 “(2) The amount of constructive service credited an
8 officer under this subsection may not exceed the amount
9 required for the officer to be eligible for an original ap-
10 pointment in the grade of—

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

13 “(B) captain in the Navy.

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

18 “(4) In this subsection, the term ‘designated field’
19 means any of the following:

20 “(A) Cyberspace.

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

23 “(C) Any other field designated by the Sec-
24 retary of Defense as a field—

25 “(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 **SEC. 502. SURFACE WARFARE OFFICERS CAREER PATHS.**

4 (a) IN GENERAL.—Chapter 602 of title 10, United
5 States Code, is amended by adding at the end the fol-
6 lowing new section:

7 **“§ 6933. Surface warfare officers: career paths**

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

11 “(1) Ship engineering systems.

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

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

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

16 **SEC. 503. AUTHORITY OF SELECTION BOARDS TO REC-**
17 **OMMEND OFFICERS OF PARTICULAR MERIT**
18 **BE PLACED AT THE TOP OF THE PROMOTION**
19 **LIST.**

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

23 “(g)(1) A selection board may recommend an officer
24 of particular merit from among officers recommended for
25 promotion under subsection (a) to be placed at the top

1 of a promotion list established by the Secretary of the mili-
2 tary department concerned under section 624(a)(1) of this
3 title.

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

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

14 “(4) A selection board that recommends under this
15 subsection that more than one officer be placed at the top
16 of a promotion list shall recommend the order in which
17 such officers should be promoted.”.

18 (b) ACTION BY SECRETARY CONCERNED ON REC-
19 OMMENDATION OF SELECTION BOARD.—Section 618(a)
20 of such title is amended—

21 (1) by striking “to law or regulation or to
22 guidelines” and inserting “to law, regulation, or
23 guidelines” each place it appears;

24 (2) by inserting “or, in the case of a rec-
25 ommendation under section 616(g) of this title, the

1 determination of the Secretary concerned” after
2 “section 615(b) of this title” each place it appears;
3 and

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

8 (c) PRIORITY IN PROMOTION LIST.—Section
9 624(a)(1) of such title is amended by inserting “, subject
10 to section 616(g) of this title” after “active-duty list”.

11 **SEC. 504. DEFERRED DEPLOYMENT FOR MEMBERS WHO**
12 **GIVE BIRTH.**

13 Section 701 of title 10, United States Code, is
14 amended by adding at the end the following new sub-
15 section:

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

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

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

1 **SEC. 505. CODIFICATION OF LOWERED GRADE FOR RE-**
2 **TIERED OFFICERS OR PERSONS WHO COM-**
3 **MITTED MISCONDUCT IN A LOWER GRADE.**

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

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

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

8 and

9 (3) by adding at the end the following new
10 paragraph:

11 “(2) In the case of an officer or person whom the
12 Secretary concerned determines committed misconduct in
13 a lower grade, the Secretary concerned may determine the
14 officer or person has not served satisfactorily in any grade
15 equal to or higher than that lower grade.”.

16 (b) CONFORMING AMENDMENTS.—Such section is
17 amended—

18 (1) in subsection (a)(1)—

19 (A) by striking “higher” and inserting
20 “different”; and

21 (B) by striking “except as provided in
22 paragraph (2)” and inserting “subject to para-
23 graph (2) and subsection (b)”;

24 (2) in subsection (c)(1), by striking “An offi-
25 cer” and inserting “Subject to subsection (b), an of-
26 ficer”; and

1 (3) in subsection (d)(1)—

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

4 (B) by inserting “, subject to subsection
5 (b),” before “shall”.

6 **SEC. 506. RETENTION OF MILITARY TECHNICIANS WHO**
7 **LOSE DUAL STATUS UNDER CERTAIN CIR-**
8 **CUMSTANCES.**

9 Section 10216(g) of title 10, United States Code, is
10 amended—

11 (1) in paragraph (1), by striking “as the result
12 of a combat-related disability (as defined in section
13 1413a of this title), the person may be retained”
14 and inserting “for any reason other than a disquali-
15 fication described in subparagraph (B), the Sec-
16 retary shall appoint that person to a position under
17 section 3101 of title 5, in accordance with section
18 2102(a) of that title,”;

19 (2) in paragraph (1)(A), by striking “the com-
20 bat-related”; and

21 (3) by striking paragraph (3).

1 **Subtitle B—Reserve Component**
2 **Management**

3 **SEC. 511. PLACEMENT OF NATIONAL GUARD MILITARY**
4 **TECHNICIANS (DUAL STATUS) IN THE COM-**
5 **PETITIVE SERVICE.**

6 Section 10508 of title 10, United States Code, is
7 amended—

8 (1) in subsection (b)(1), by striking “sections
9 2103” and inserting “sections 2102”; and

10 (2) by adding at the end the following:

11 “(c) TREATMENT OF MILITARY TECHNICIAN (DUAL
12 STATUS).—

13 “(1) PRIOR CONVERSIONS.—Not later than 30
14 days after the date of enactment of this subsection,
15 the Chief of the National Guard Bureau shall con-
16 vert any military technician (dual status) occupying
17 a position in the excepted service to a position in the
18 competitive service. For purposes of this paragraph,
19 the term ‘military technician (dual status)’ means
20 any military technician (dual status) of the National
21 Guard of any State, the Commonwealth of Puerto
22 Rico, the District of Columbia, Guam, or the Virgin
23 Islands who, before the date of enactment of this
24 subsection, was converted to a position in the ex-
25 cepted service by operation of this section and sec-

1 tion 1053 of the National Defense Authorization Act
2 for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
3 981; 10 U.S.C. 10216 note).

4 “(2) FUTURE CONVERSIONS.—Any military
5 technician (dual status) of the National Guard of
6 any State, the Commonwealth of Puerto Rico, the
7 District of Columbia, Guam, or the Virgin Islands
8 converted under this section and such section 1053
9 after the date of enactment of this subsection to a
10 position filled by individuals who are employed under
11 section 3101 of title 5 shall be converted to a posi-
12 tion in the competitive service.

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

14 “(A) the term ‘competitive service’ has the
15 meaning given that term in section 2102 of title
16 5; and

17 “(B) the term ‘excepted service’ has the
18 meaning given that term in section 2103 of
19 such title.”.

20 **SEC. 512. AUTHORIZED STRENGTH AND DISTRIBUTION IN**
21 **GRADE.**

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

“Air National Guard:

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

- 1 (b) STRENGTH AND GRADE AUTHORIZATIONS.—Sec-
- 2 tion 12012(a) of title 10, United States Code is amended
- 3 by striking those parts of the table pertaining to the Air
- 4 National Guard and inserting the following:

“Air National Guard:

	E-8	E-9
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”.

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

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

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

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

8 (A) by inserting “(1)” before “The effec-
9 tive date”;

10 (B) in paragraph (1), as designated by
11 subparagraph (A) of this paragraph, by striking
12 “on which such Federal recognition in that
13 grade is so extended” and inserting “of the ap-
14 proval of the promotion of the officer to that
15 grade by the State concerned”; and

16 (C) by adding at the end the following new
17 paragraph:

18 “(2)(A) Notwithstanding subsection (c)(1), the date
19 of rank in a higher grade of an officer whose effective date
20 of promotion to such grade is governed by paragraph (1)
21 shall be such effective date of promotion.

22 “(B) The specification of the date of rank of an offi-
23 cer in a grade pursuant to subparagraph (A) shall be
24 deemed an adjustment of the date of rank of the officer
25 to that grade in the manner of section 741(d)(4) of this
26 title, pursuant to subsection (c)(2), to which section

1 741(d)(4)(C) of this title shall apply, notwithstanding sub-
2 section (c)(3).”.

3 (2) EFFECTIVE DATE.—The amendments made
4 by paragraph (1) shall take effect on the date of the
5 enactment of this Act, and shall apply with respect
6 to National Guard officers whose promotion to a
7 grade is approved by a State after that date.

8 (c) NOTICE TO CONGRESS ON DELAY IN PUBLICA-
9 TION OF SCROLLS INDICATING PROMOTION OF COMMIS-
10 SIONED NATIONAL GUARD OFFICERS.—

11 (1) NOTICE REQUIRED.—If at the end of the
12 200-day period beginning on the receipt by the De-
13 partment of the Army or the Department of the Air
14 Force of a scroll indicating the promotion of com-
15 missioned officers in the Army National Guard or
16 Air National Guard, as applicable, the scroll has not
17 been published by the military department con-
18 cerned, the Secretary of the Army or the Secretary
19 of the Air Force, as the case may be, shall imme-
20 diately notify the congressional defense committees,
21 in writing, of the following:

22 (A) The date on which the scroll was so re-
23 ceived.

24 (B) A description of the processing of the
25 scroll by the military department concerned as

1 of the date of the report, including a statement
2 of the length of time in processing at each stage
3 in the process through that date.

4 (C) The reason why the scroll was not pub-
5 lished within 200 days of receipt, and the in-
6 tended remediation for the delay in publication.

7 (2) DEFINITIONS.—In this subsection:

8 (A) The term “congressional defense com-
9 mittees” has the meaning given such term in
10 section 101(a)(16) of title 10, United States
11 Code.

12 (B) The term “scroll” has the meaning
13 given that term in Department of Defense In-
14 struction 1310.02, and any successor instruc-
15 tion or document.

16 **SEC. 514. EXTENSION OF AUTHORITY FOR PILOT PROGRAM**
17 **ON USE OF RETIRED SENIOR ENLISTED MEM-**
18 **BERS OF THE ARMY NATIONAL GUARD AS**
19 **ARMY NATIONAL GUARD RECRUITERS.**

20 Section 514 of the National Defense Authorization
21 Act for Fiscal Year 2018 (Public Law 115-91) is amend-
22 ed—

23 (1) in subsection (d), by striking “2020” and
24 inserting “2021”; and

1 (2) in subsection (f), by striking “2019” and
2 inserting “2020”.

3 **Subtitle C—General Service Au-**
4 **thorities and Correction of Mili-**
5 **tary Records**

6 **SEC. 521. ENLISTMENTS VITAL TO THE NATIONAL INTER-**
7 **EST.**

8 (a) IN GENERAL.—Section 504(b) of title 10, United
9 States Code, is amended—

10 (1) in paragraph (2)—

11 (A) by inserting “and subject to paragraph
12 (3),” after “Notwithstanding paragraph (1),”;

13 (B) by striking “enlistment is vital to the
14 national interest.” and inserting “person pos-
15 sesses a skill or expertise—”; and

16 (C) by adding at the end the following new
17 subparagraphs:

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

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

21 (2) by adding at the end the following new
22 paragraph (3):

23 “(3)(A) No person who enlists under paragraph (2)
24 may report to initial training until after the Secretary con-
25 cerned has completed all required background investiga-

1 tions and security and suitability screening as determined
2 by the Secretary of Defense regarding that person.

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

6 “(i) the Secretary of Defense submits to Con-
7 gress written notice of the intent of that Secretary
8 concerned to authorize more than 1,000 such enlist-
9 ments in a calendar year; and

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

12 (b) REPORT.—

13 (1) IN GENERAL.—Not later than December 31,
14 2019, and annually thereafter for each of the subse-
15 quent four years, the Secretary concerned shall sub-
16 mit a report to the Committees on Armed Services
17 and the Judiciary of the Senate and the House of
18 Representatives regarding persons who enter into
19 enlistment contracts under section 504(b)(2) of title
20 10, United States Code, as amended by subsection
21 (a).

22 (2) ELEMENTS.—Each report under this sub-
23 section shall include the following:

1 (A) The number of such persons who have
2 entered into such contracts during the pre-
3 ceding calendar year.

4 (B) How many such persons have success-
5 fully completed background investigations and
6 vetting procedures.

7 (C) How many such persons have begun
8 initial training.

9 (D) The skills that are vital to the national
10 interest that such persons possess.

11 **SEC. 522. STATEMENT OF BENEFITS.**

12 (a) IN GENERAL.—Chapter 58 of title 10, United
13 States Code, is amended by adding at the end the fol-
14 lowing new section:

15 **“§ 1155. Statement of benefits**

16 “(a) BEFORE SEPARATION.—Not later than 30 days
17 before a member retires, is released, is discharged, or oth-
18 erwise separates from the armed forces (or as soon as is
19 practicable in the case of an unanticipated separation), the
20 Secretary concerned shall provide that member with a cur-
21 rent assessment of all benefits to which that member is
22 entitled under laws administered by—

23 “(1) the Secretary of Defense; and

24 “(2) the Secretary of Veterans Affairs.

1 “(b) ANNUAL STATEMENT FOR RESERVES.—Not less
2 than once each year, the Secretary concerned shall provide
3 each member of a reserve component with a current as-
4 sessment of benefits described in subsection (a).”.

5 (b) CLERICAL AMENDMENT.—The table of sections
6 at the beginning of such chapter is amended by inserting
7 after the item relating to section 1154 the following new
8 item:

“1155. Statement of benefits.”.

9 **SEC. 523. MODIFICATION TO FORMS OF SUPPORT THAT**
10 **MAY BE ACCEPTED IN SUPPORT OF THE MIS-**
11 **SION OF THE DEFENSE POW/MIA ACCOUNT-**
12 **ING AGENCY.**

13 (a) PUBLIC-PRIVATE PARTNERSHIPS.—Subsection
14 (a) of section 1501a of title 10, United States Code, is
15 amended by adding at the end the following new sentence:
16 “An employee of an entity outside the Government that
17 has entered into a public-private partnership, cooperative
18 agreement, or a grant arrangement with, or in direct sup-
19 port of, the designated Defense Agency under this section
20 shall be considered to be an employee of the Federal Gov-
21 ernment by reason of participation in such partnership,
22 cooperative agreement, or grant, only for the purposes of
23 section 552a of title 5 (relating to maintenance of records
24 on individuals).”.

1 (b) AUTHORITY TO ACCEPT GIFTS IN SUPPORT OF
2 MISSION TO ACCOUNT FOR MISSING PERSONS FROM
3 PAST CONFLICTS.—Such section is further amended—

4 (1) by redesignating subsections (e) and (f) as
5 subsections (f) and (g), respectively;

6 (2) by inserting after subsection (d) the fol-
7 lowing new subsection (e):

8 “(e) ACCEPTANCE OF GIFTS.—

9 “(1) AUTHORITY TO ACCEPT.—Subject to sub-
10 section (f)(2), the Secretary may accept, hold, ad-
11 minister, spend, and use any gift of personal prop-
12 erty, money, or services made on the condition that
13 the gift be used for the purpose of facilitating ac-
14 counting for missing persons pursuant to section
15 1501(a)(2)(C) of this title.

16 “(2) GIFT FUNDS.—Gifts and bequests of
17 money accepted under this subsection shall be depos-
18 ited in the Treasury in the Department of Defense
19 General Gift Fund.

20 “(3) USE OF GIFTS.—Personal property and
21 money accepted under this subsection may be used
22 by the Secretary, and services accepted under this
23 subsection may be performed, without further spe-
24 cific authorization in law.

1 “(4) EXPENSES OF TRANSFER.—The Secretary
2 may pay all necessary expenses in connection with
3 the conveyance or transfer of a gift accepted under
4 this subsection.

5 “(5) EXPENSES OF CARE.—The Secretary may
6 pay all reasonable and necessary expenses in connec-
7 tion with the care of a gift accepted under this sub-
8 section.”; and

9 (3) by adding at the end of subsection (g), as
10 redesignated by paragraph (1) of this subsection, the
11 following new paragraph:

12 “(3) GIFT.—The term ‘gift’ includes a devise or
13 bequest.”.

14 (c) CONFORMING AMENDMENT.—Subsection (a) of
15 such section is further amended by striking “subsection
16 (e)(1)” and inserting “subsection (f)(1)”.

17 **SEC. 524. CORRECTION OF MILITARY RECORDS WEBSITE.**

18 (a) IN GENERAL.—Section 1552(a)(5) of title 10,
19 United States Code, is amended by striking the second
20 sentence and inserting the following: “The Secretary shall
21 also publish on such website a summary of each such deci-
22 sion, indexed by subject matter. The Secretary shall redact
23 all personally identifiable information from any such deci-
24 sion and summary.”

1 (b) EFFECTIVE DATE.—The amendments made by
2 this section shall take effect on October 1, 2019.

3 **SEC. 525. MODIFICATION OF DD FORM 214 TO INCLUDE**
4 **EMAIL ADDRESSES.**

5 (a) IN GENERAL.—The Secretary of Defense shall
6 modify the Certificate of Release or Discharge from Active
7 Duty (DD Form 214) by adding an entry block in which
8 a member of the Armed Forces may provide one or more
9 email addresses at which the member may be contacted
10 after separation from active duty in the Armed Forces.

11 (b) DEADLINE.—The Secretary shall carry out sub-
12 section (a) not later than one year after the date of the
13 enactment of this Act.

14 **SEC. 526. PUBLIC AVAILABILITY OF REPORTS RELATED TO**
15 **SENIOR LEADER MISCONDUCT.**

16 (a) ESTABLISHMENT OF WEBSITE.—The Secretary
17 of Defense and each Secretary of a military department
18 shall make available on a public website of the Department
19 of Defense all reports on substantiated investigations of
20 misconduct completed by the Inspectors General of the
21 Department and each military department regarding—

- 22 (1) an officer in the grade of O-7 or higher;
23 (2) an officer selected for promotion to grade
24 O-7; or

1 (3) a civilian member of the Senior Executive
2 Service.

3 (b) PUBLISHED REPORTS.—Each report under sub-
4 section (a) shall be—

5 (1) properly redacted;

6 (2) segregated from documents regarding ongoing
7 investigations (including announcements);

8 (3) labelled with the name of subject of the investigation;
9 and

10 (4) searchable by the name of subject of the investigation.
11

12 (c) DEADLINE.—The Secretary shall carry out this
13 section not later than 90 days after the enactment of this
14 Act.

15 **SEC. 527. APPOINTMENT AND TRAINING OF PERSONNEL TO**
16 **STAFF THE BOARD OF CORRECTIONS FOR**
17 **MILITARY AND NAVAL RECORDS.**

18 (a) IN GENERAL.—The Secretary of Defense, in consultation with the Service Secretaries and Joint Chiefs,
19 shall provide for the appointment and training of qualified
20 personnel to join the staff of the Boards of Corrections
21 for Military and Naval Records.
22

23 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
24 authorized to be appropriated for the Department of Defense
25 a total of \$3,000,000.00, in order to carry out the

1 training required by subsection (a) and to provide related
2 equipment and accommodations.

3 **Subtitle D—Military Justice**

4 **SEC. 531. MINIMUM CONFINEMENT PERIOD REQUIRED FOR** 5 **CONVICTION OF CERTAIN SEX-RELATED OF-** 6 **FENSES COMMITTED BY MEMBERS OF THE** 7 **ARMED FORCES.**

8 Section 856(b)(1) of title 10, United States Code (ar-
9 ticle 56(b)(1) of the Uniform Code of Military Justice),
10 is amended by striking “such punishment must include,
11 at a minimum, dismissal or dishonorable discharge, except
12 as provided for in section 860 of this title (article 60)”
13 and inserting “except as provided for in section 860 of
14 this title (article 60), such punishment must include, at
15 a minimum—”

16 “(A) dismissal or dishonorable discharge; and

17 “(B) confinement for two years.”.

18 **SEC. 532. PUNITIVE ARTICLE IN THE UNIFORM CODE OF** 19 **MILITARY JUSTICE ON DOMESTIC VIOLENCE.**

20 (a) IN GENERAL.—Subchapter X of chapter 47 of
21 title 10, United States Code (the Uniform Code of Military
22 Justice), is amended by inserting after the item relating
23 to section 928 (article 128) the following new section (arti-
24 cle):

1 **“§ 928a. Art 128a. Domestic violence**

2 “(a) DOMESTIC VIOLENCE.—Any person subject to
3 this chapter who, unlawfully and with force or violence,
4 attempts, offers to, or does intimidate, manipulate, humili-
5 ate, isolate, frighten, terrorize, coerce, threaten, blame,
6 hurt, injure, or wound another person of whom the person
7 is an intimate partner is guilty of domestic violence and
8 shall be punished as a court-martial may direct.

9 “(b) AGGRAVATED DOMESTIC VIOLENCE.—Any per-
10 son subject to this chapter who, in committing domestic
11 violence, uses a weapon, means, or force in a manner likely
12 to produce death or grievous bodily harm is guilty of ag-
13 gravated domestic violence and shall be punished as a
14 court-martial may direct.”.

15 (b) CLERICAL AMENDMENT.—The table of sections
16 at the beginning of subchapter X of chapter 47 of such
17 title is amended by inserting after the item relating to sec-
18 tion 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 Com-
2 mittee and upon request of the Chair of the Advisory Com-
3 mittee, the Secretary of Defense shall provide to the Advi-
4 sory Committee information the Secretary determines is
5 relevant to the scope and mission of the Advisory Com-
6 mittee under this section.”.

7 **SEC. 534. MODIFICATION OF MILITARY RULES OF EVI-**
8 **DENCE TO EXCLUDE ADMISSIBILITY OF GEN-**
9 **ERAL MILITARY CHARACTER TOWARD PROB-**
10 **ABILITY OF INNOCENCE IN ANY OFFENSE**
11 **NOT STRICTLY RELATED TO PERFORMANCE**
12 **OF 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 inno-
18 cence of the accused for any offense under chapter 47 of
19 title 10, United States Code (the Uniform Code of Military
20 Justice), unless such offense is strictly and solely related
21 to the performance of military duties.

22 (b) SPECIFICATION OF OFFENSES FOR WHICH AD-
23 MISSIBILITY 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
3 of the Armed Forces under the jurisdiction of such
4 Secretary is admissible pursuant to subsection (a) as
5 a result of such offense being strictly and solely re-
6 lated to the performance of military duties.

7 (2) APPROVAL OF PRESIDENT REQUIRED.—The
8 specification of an offense pursuant to paragraph
9 (1), and any modification of such specification, shall
10 not 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 en-
19 tire Department of Defense to ensure increased oversight
20 of the timely submission of crime reporting data to the
21 Federal Bureau of Investigation under section 922(g) of
22 title 18, United States Code, and Department of Defense
23 Instruction 5505.11, “Fingerprint Card and Final Dis-
24 position Report Submission Requirements”. The tracking
25 process shall, to the maximum extent possible, standardize

1 and automate reporting and increase the ability of the De-
2 partment to track such submissions.

3 (b) REPORT REQUIRED.—Not later than July 1,
4 2019, the Secretary of Defense shall submit a report to
5 the Committees on Armed Services of the Senate and
6 House of Representatives that details the tracking proc-
7 ess.

8 **SEC. 536. OVERSIGHT OF REGISTERED SEX OFFENDER**
9 **MANAGEMENT PROGRAM.**

10 (a) DESIGNATION OF OFFICIAL OR ENTITY.—The
11 Secretary of Defense shall designate a single official or
12 entity within the Office of the Secretary of Defense to
13 serve as the official or entity (as the case may be) with
14 principal responsibility in the Department of Defense for
15 providing oversight of the registered sex offender manage-
16 ment program of the Department.

17 (b) DUTIES.—The official or entity designated under
18 subsection (a) shall—

19 (1) monitor compliance with Department of De-
20 fense Instruction 5525.20 and other relevant policies;

21 (2) compile data on members serving in the
22 military departments who have been convicted of a
23 qualifying sex offense, including data on the sex of-
24 fender registration status of each such member;

1 (3) maintain statistics on the total number of
2 active duty service members in each military depart-
3 ment who are required to register as sex offenders;
4 and

5 (4) perform such other duties as the Secretary
6 of Defense determines to be appropriate.

7 (c) BRIEFING REQUIRED.—Not later than June 1,
8 2019, the Secretary of Defense shall provide to the Com-
9 mittee on Armed Services of the House of Representatives
10 a briefing on—

11 (1) the compliance of the military departments
12 with the policies of the Department of Defense relat-
13 ing to registered sex offenders;

14 (2) the results of the data compilation described
15 in subsection (b)(2); and

16 (3) any other matters the Secretary determines
17 to be appropriate.

18 (d) MILITARY DEPARTMENTS DEFINED.—In this
19 section, the term “military departments” has the meaning
20 given that term in section 101(a)(8) of title 10, United
21 States Code.

1 **Subtitle E—Other Legal Matters**

2 **SEC. 541. SECURITY CLEARANCE REINVESTIGATION OF** 3 **CERTAIN PERSONNEL WHO COMMIT CERTAIN** 4 **OFFENSES.**

5 Section 1564 of title 10, United States Code, is
6 amended—

7 (1) by redesignating subsections (c), (d), (e),
8 and (f) as subsection (d), (e), (f), and (g), respec-
9 tively; and

10 (2) by inserting after subsection (b) the fol-
11 lowing new subsection (c):

12 “(c) REINVESTIGATION OF CERTAIN INDIVIDUALS.—

13 (1) The Secretary of Defense shall conduct an investiga-
14 tion under subsection (a) of any individual described in
15 paragraph (2) upon—

16 “(A) conviction of that individual by a court of
17 competent jurisdiction for—

18 “(i) sexual assault;

19 “(ii) sexual harassment;

20 “(iii) fraud against the United States; or

21 “(iv) any other violation that the Secretary
22 determines renders that individual susceptible
23 to blackmail or raises serious concern regarding
24 the ability of that individual to hold a security
25 clearance; or

1 “(B) determination by a commanding officer
2 that the individual has committed an offense de-
3 scribed in subparagraph (A).

4 “(2) An individual described in this paragraph has
5 a security clearance and is—

6 “(A) a flag officer;

7 “(B) a general officer; or

8 “(C) an employee of the Department of Defense
9 in the Senior Executive Service.

10 “(3) The Secretary shall conduct an investigation
11 under this subsection of an individual described in para-
12 graph (2) regardless of whether that individual has retired
13 or resigned, is discharged or released, or otherwise sepa-
14 rated from the armed forces or Department of Defense.

15 “(4) In this subsection:

16 “(A) The term ‘sexual assault’ includes rape,
17 sexual assault, forcible sodomy, aggravated sexual
18 contact, abusive sexual contact, and attempts to
19 commit such offenses, as those terms are defined in
20 the Uniform Code of Military Justice.

21 “(B) The term ‘sexual harassment’ has the
22 meaning given that term in section 1561 of this
23 title.

24 “(C) The term ‘fraud against the United
25 States’ means a violation of section 932 of this title

1 (Article 132 of the Uniform Code of Military Jus-
2 tice).”.

3 **SEC. 542. CONSIDERATION OF APPLICATION FOR TRANS-**
4 **FER FOR A STUDENT OF A MILITARY SERV-**
5 **ICE ACADEMY WHO IS THE VICTIM OF A SEX-**
6 **UAL ASSAULT OR RELATED OFFENSE.**

7 (a) MILITARY ACADEMY.—Section 4361 of title 10,
8 United States Code, is amended by adding at the end the
9 following new subsection (e):

10 “(e) CONSIDERATION OF APPLICATION FOR TRANS-
11 FER FOR A CADET WHO IS THE VICTIM OF A SEXUAL
12 ASSAULT OR RELATED OFFENSE.—(1) The Secretary of
13 the Army shall provide for timely determination and action
14 on an application for consideration of a transfer to an-
15 other military service academy submitted by a cadet who
16 was a victim of a sexual assault or other offense covered
17 by section 920, 920a, or 920c of this title (article 120,
18 120a, or 120c of the Uniform Code of Military Justice)
19 so as to reduce the possibility of retaliation against the
20 cadet for reporting the sexual assault or other offense.

21 “(2) The Secretary of the Army shall prescribe regu-
22 lations to carry out this subsection, within guidelines pro-
23 vided by the Secretary of Defense that direct the Super-
24 intendent of the Military Academy, in coordination with
25 the Superintendent of the military service academy to

1 which the cadet wishes to transfer, to approve or deny an
2 application under this subsection not later than 72 hours
3 after the submission of the application. If the Super-
4 intendent denies such an application, the cadet may re-
5 quest review of the denial by the Secretary of the Army,
6 who shall grant or deny review not later than 72 hours
7 after submission of the request for review.”.

8 (b) NAVAL ACADEMY.—Section 6980 of title 10,
9 United States Code, is amended by adding at the end the
10 following new subsection (e):

11 “(e) CONSIDERATION OF APPLICATION FOR TRANS-
12 FER FOR A MIDSHIPMAN WHO IS THE VICTIM OF A SEX-
13 UAL ASSAULT OR RELATED OFFENSE.—(1) The Sec-
14 retary of the Navy shall provide for timely determination
15 and action on an application for consideration of a trans-
16 fer to another military service academy submitted by a
17 midshipman who was a victim of a sexual assault or other
18 offense covered by section 920, 920a, or 920c of this title
19 (article 120, 120a, or 120c of the Uniform Code of Mili-
20 tary Justice) so as to reduce the possibility of retaliation
21 against the midshipman for reporting the sexual assault
22 or other offense.

23 “(2) The Secretary of the Navy shall prescribe regu-
24 lations to carry out this subsection, within guidelines pro-
25 vided by the Secretary of Defense that direct the Super-

1 intendent of the Naval Academy, in coordination with the
2 Superintendent of the military service academy to which
3 the midshipman wishes to transfer, to approve or deny an
4 application under this subsection not later than 72 hours
5 after the submission of the application. If the Super-
6 intendent denies such an application, the midshipman may
7 request review of the denial by the Secretary of the Navy,
8 who shall grant or deny review not later than 72 hours
9 after submission of the request for review.”.

10 (c) AIR FORCE ACADEMY.—Section 9361 of title 10,
11 United States Code, is amended by adding at the end the
12 following new subsection (e):

13 “(e) CONSIDERATION OF APPLICATION FOR TRANS-
14 FER FOR A CADET WHO IS THE VICTIM OF A SEXUAL
15 ASSAULT OR RELATED OFFENSE.—(1) The Secretary of
16 the Air Force shall provide for timely determination and
17 action on an application for consideration of a transfer
18 to another military service academy submitted by a cadet
19 who was a victim of a sexual assault or other offense cov-
20 ered by section 920, 920a, or 920c of this title (article
21 120, 120a, or 120c of the Uniform Code of Military Jus-
22 tice) so as to reduce the possibility of retaliation against
23 the cadet for reporting the sexual assault or other offense.

24 “(2) The Secretary of the Air Force shall prescribe
25 regulations to carry out this subsection, within guidelines

1 provided by the Secretary of Defense that direct the Su-
2 perintendent of the Air Force Academy, in coordination
3 with the Superintendent of the military service academy
4 to which the cadet wishes to transfer, to approve or deny
5 an application under this subsection not later than 72
6 hours after the submission of the application. If the Su-
7 perintendent denies such an application, the cadet may re-
8 quest review of the denial by the Secretary of the Air
9 Force, who shall grant or deny review not later than 72
10 hours after submission of the request for review.”.

11 **SEC. 543. STANDARDIZATION OF POLICIES RELATED TO EX-**
12 **PEDITED TRANSFER IN CASES OF SEXUAL AS-**
13 **SAULT.**

14 (a) **POLICIES FOR MEMBERS.**—The Secretary of De-
15 fense shall modify all policies related to the expedited
16 transfer of a member of the Army, Navy, Air Force, or
17 Marine Corps who is the victim of sexual assault (regard-
18 less of whether the case is handled under the Sexual As-
19 sault Prevention and Response Program or Family Advo-
20 cacy Program) that the Secretary determines necessary to
21 establish a standardized expedited transfer process for
22 such members, consistent with section 673 of title 10,
23 United States Code.

24 (b) **POLICIES FOR DEPENDENTS OF MEMBERS.**—The
25 Secretary of Defense shall establish a policy to allow the

1 transfer of a member of the Army, Navy, Air Force, or
2 Marine Corps whose dependent is the victim of sexual as-
3 sault perpetrated by a member of the Armed Forces who
4 is not related to the victim.

5 **SEC. 544. DEVELOPMENT OF OVERSIGHT PLAN FOR IMPLE-**
6 **MENTATION OF DEPARTMENT OF DEFENSE**
7 **HARASSMENT PREVENTION AND RESPONSE**
8 **POLICY.**

9 (a) DEVELOPMENT.—The Secretary of Defense shall
10 develop a plan for overseeing the implementation of the
11 instruction titled “Harassment Prevention and Response
12 in the Armed Forces”, published on February 8, 2018
13 (DODI–1020.03).

14 (b) ELEMENTS.—The plan under subsection (a) shall
15 require the military services and other components of the
16 Department of Defense to take steps by certain dates to
17 implement harassment prevention and response programs
18 under such instruction, including no less than the fol-
19 lowing:

20 (1) Submitting implementation plans to the Di-
21 rector, Force Resiliency.

22 (2) Incorporating results-oriented performance
23 measures that assess the effectiveness of harassment
24 prevention and response programs.

1 (3) Adopting compliance standards for pro-
2 moting, supporting, and enforcing policies, plans,
3 and programs.

4 (4) Tracking, collecting, and reporting data and
5 information on sexual harassment incidents based on
6 standards established by the Secretary.

7 (5) Instituting anonymous complaint mecha-
8 nisms.

9 (c) REPORT.—Not later than July 1, 2019, the Sec-
10 retary shall submit to the Committees on Armed Services
11 of the Senate and the House of Representatives a report
12 on the oversight plan developed under this section. The
13 report shall include, for each military service and compo-
14 nent of the Department of Defense, the implementation
15 status of each element of the oversight plan.

16 **SEC. 545. DEVELOPMENT OF RESOURCE GUIDES REGARD-**
17 **ING SEXUAL ASSAULT FOR THE MILITARY**
18 **SERVICE ACADEMIES.**

19 (a) DEVELOPMENT.—Not later than 30 days after
20 the date of the enactment of this Act, each Superintendent
21 of a military service academy shall develop and maintain
22 a resource guide for students at the respective military
23 service academies regarding sexual assault.

1 (b) ELEMENTS.—Each guide developed under this
2 section shall include the following information with re-
3 gards to the relevant military service academy:

4 (1) PROCESS OVERVIEW AND DEFINITIONS.—

5 (A) A clear explanation of prohibited con-
6 duct, including examples.

7 (B) A clear explanation of consent.

8 (C) Victims' rights.

9 (D) Clearly described complaint process,
10 including multiple ways to file a complaint.

11 (E) Explanations of restricted and unre-
12 stricted reporting.

13 (F) List of mandatory reporters.

14 (G) Protections from retaliation.

15 (H) Assurance that leadership will take
16 immediate and proportionate corrective action.

17 (I) References to specific policies.

18 (J) Additional resources for survivors.

19 (2) EMERGENCY SERVICES.—

20 (A) Contact information.

21 (B) Location.

22 (3) SUPPORT AND COUNSELING.—Contact in-
23 formation for the following support and counseling
24 resources:

1 (A) The Sexual Assault Prevention and
2 Response Victim Advocate or other equivalent
3 advocate or counselor available to students in
4 cases of sexual assault.

5 (B) The Sexual Harassment/Assault Re-
6 sponse and Prevention Resource Program Cen-
7 ter.

8 (C) Peer counseling.

9 (D) Medical care.

10 (E) Legal counsel.

11 (F) Hotlines.

12 (G) Chaplain or other spiritual representa-
13 tives.

14 (4) ESCALATION.—

15 (A) A victim may report an incident to any
16 authority.

17 (B) A victim may consult any authority
18 named in this paragraph.

19 (C) The Superintendent determines the
20 outcome of an investigation and has the author-
21 ity to convene a court-martial after an initial
22 hearing.

23 (D) The Secretary of the military depart-
24 ment concerned reviews determinations in cases
25 not referred for trial by court-martial.

1 (E) The Inspector General reviews cases of
2 reprisal or professional retaliation.

3 (F) A Member of Congress (as that term
4 is defined in section 1563 of title 10, United
5 States Code).

6 (c) DISTRIBUTION.—Each Superintendent shall pro-
7 vide a copy of the current guide developed by that Super-
8 intendent under this section—

9 (1) not later than 30 days after completing de-
10 velopment under subsection (a) to each student who
11 is enrolled at the military service academy of that
12 Superintendent on the date of the enactment of this
13 Act;

14 (2) at the beginning of each academic year
15 after the date of the enactment of this Act to each
16 student who enrolls at the military service academy
17 of that Superintendent; and

18 (3) as soon as practicable to a student at the
19 military service academy of that Superintendent re-
20 ports that such student is a victim of sexual assault.

21 **SEC. 546. REPORT ON VICTIMS IN MCIO REPORTS.**

22 Not later than September 30, 2019, and not less than
23 once every two years thereafter, the Secretary of Defense,
24 through the Defense Advisory Committee on Investiga-
25 tions, Prosecutions, and Defense of Sexual Assault in the

1 Armed Forces, shall submit to Congress a report regard-
2 ing the frequency at which individuals, who are identified
3 as victims of sexual offenses in case files of military crimi-
4 nal investigative organizations (hereinafter, “MCIO”), are
5 accused of or punished for misconduct or crimes consid-
6 ered collateral to the investigation of sexual assault during
7 the MCIO investigations in which the individuals were so
8 identified.

9 **Subtitle F—Member Education,**
10 **Training, Resilience, and Tran-**
11 **sition**

12 **SEC. 551. PERMANENT CAREER INTERMISSION PROGRAM.**

13 (a) CODIFICATION AND PERMANENT AUTHORITY.—
14 Chapter 40 of title 10, United States Code, is amended
15 by adding at the end the following new section 710:

16 **“§ 710. Career flexibility to enhance retention of**
17 **members**

18 “(a) PROGRAMS AUTHORIZED.—Each Secretary of a
19 military department may carry out programs under which
20 members of the regular components and members on Ac-
21 tive Guard and Reserve duty of the armed forces under
22 the jurisdiction of such Secretary may be inactivated from
23 active service in order to meet personal or professional
24 needs and returned to active service at the end of such
25 period of inactivation from active service.

1 “(b) PERIOD OF INACTIVATION FROM ACTIVE SERV-
2 ICE; EFFECT OF INACTIVATION.—(1) The period of inac-
3 tivation from active service under a program under this
4 section of a member participating in the program shall be
5 such period as the Secretary of the military department
6 concerned shall specify in the agreement of the member
7 under subsection (c), except that such period may not ex-
8 ceed three years.

9 “(2) Any service by a Reserve officer while partici-
10 pating in a program under this section shall be excluded
11 from computation of the total years of service of that offi-
12 cer pursuant to section 14706(a) of this title.

13 “(3) Any period of participation of a member in a
14 program under this section shall not count toward—

15 “(A) eligibility for retirement or transfer to the
16 Ready Reserve under either chapter 571 or 1223 of
17 this title; or

18 “(B) computation of retired or retainer pay
19 under chapter 71 or 1223 of this title.

20 “(c) AGREEMENT.—Each member of the armed
21 forces who participates in a program under this section
22 shall enter into a written agreement with the Secretary
23 of the military department concerned under which agree-
24 ment that member shall agree as follows:

1 “(1) To accept an appointment or enlist, as ap-
2 plicable, and serve in the Ready Reserve of the
3 armed force concerned during the period of the inac-
4 tivation of the member from active service under the
5 program.

6 “(2) To undergo during the period of the inac-
7 tivation of the member from active service under the
8 program such inactive service training as the Sec-
9 retary concerned shall require in order to ensure
10 that the member retains proficiency, at a level deter-
11 mined by the Secretary concerned to be sufficient, in
12 the military skills, professional qualifications, and
13 physical readiness of the member during the inac-
14 tivation of the member from active service.

15 “(3) Following completion of the period of the
16 inactivation of the member from active service under
17 the program, to serve two months as a member of
18 the armed forces on active service for each month of
19 the period of the inactivation of the member from
20 active service under the program.

21 “(d) CONDITIONS OF RELEASE.—The Secretary of
22 Defense shall prescribe regulations specifying the guide-
23 lines regarding the conditions of release that must be con-
24 sidered and addressed in the agreement required by sub-
25 section (c). At a minimum, the Secretary shall prescribe

1 the procedures and standards to be used to instruct a
2 member on the obligations to be assumed by the member
3 under paragraph (2) of such subsection while the member
4 is released from active service.

5 “(e) ORDER TO ACTIVE SERVICE.—Under regula-
6 tions prescribed by the Secretary of the military depart-
7 ment concerned, a member of the armed forces partici-
8 pating in a program under this section may, in the discre-
9 tion of such Secretary, be required to terminate participa-
10 tion in the program and be ordered to active service.

11 “(f) PAY AND ALLOWANCES.—(1) During each
12 month of participation in a program under this section,
13 a member who participates in the program shall be paid
14 basic pay in an amount equal to two-thirtieths of the
15 amount of monthly basic pay to which the member would
16 otherwise be entitled under section 204 of title 37 as a
17 member of the uniformed services on active service in the
18 grade and years of service of the member when the mem-
19 ber commences participation in the program.

20 “(2)(A) A member who participates in a program
21 shall not, while participating in the program, be paid any
22 special or incentive pay or bonus to which the member is
23 otherwise entitled under an agreement under chapter 5 of
24 title 37 that is in force when the member commences par-
25 ticipation in the program.

1 “(B) The inactivation from active service of a mem-
2 ber participating in a program shall not be treated as a
3 failure of the member to perform any period of service
4 required of the member in connection with an agreement
5 for a special or incentive pay or bonus under chapter 5
6 of title 37 that is in force when the member commences
7 participation in the program.

8 “(3)(A) Subject to subparagraph (B), upon the re-
9 turn of a member to active service after completion by the
10 member of participation in a program—

11 “(i) any agreement entered into by the member
12 under chapter 5 of title 37 for the payment of a spe-
13 cial or incentive pay or bonus that was in force when
14 the member commenced participation in the program
15 shall be revived, with the term of such agreement
16 after revival being the period of the agreement re-
17 maining to run when the member commenced par-
18 ticipation in the program; and

19 “(ii) any special or incentive pay or bonus shall
20 be payable to the member in accordance with the
21 terms of the agreement concerned for the term spec-
22 ified in clause (i).

23 “(B)(i) Subparagraph (A) shall not apply to any spe-
24 cial or incentive pay or bonus otherwise covered by that
25 subparagraph with respect to a member if, at the time

1 of the return of the member to active service as described
2 in that subparagraph—

3 “(I) such pay or bonus is no longer authorized
4 by law; or

5 “(II) the member does not satisfy eligibility cri-
6 teria for such pay or bonus as in effect at the time
7 of the return of the member to active service.

8 “(ii) Subparagraph (A) shall cease to apply to any
9 special or incentive pay or bonus otherwise covered by that
10 subparagraph with respect to a member if, during the
11 term of the revived agreement of the member under sub-
12 paragraph (A)(i), such pay or bonus ceases being author-
13 ized by law.

14 “(C) A member who is ineligible for payment of a
15 special or incentive pay or bonus otherwise covered by this
16 paragraph by reason of subparagraph (B)(i)(II) shall be
17 subject to the requirements for repayment of such pay or
18 bonus in accordance with the terms of the applicable
19 agreement of the member under chapter 5 of title 37.

20 “(D) Any service required of a member under an
21 agreement covered by this paragraph after the member re-
22 turns to active service as described in subparagraph (A)
23 shall be in addition to any service required of the member
24 under an agreement under subsection (c).

1 “(4)(A) Subject to subparagraph (B), a member who
2 participates in a program is entitled, while participating
3 in the program, to the travel and transportation allow-
4 ances authorized by section 474 of title 37 for—

5 “(i) travel performed from the residence of the
6 member, at the time of release from active service to
7 participate in the program, to the location in the
8 United States designated by the member as his resi-
9 dence during the period of participation in the pro-
10 gram; and

11 “(ii) travel performed to the residence of the
12 member upon return to active service at the end of
13 the participation of the member in the program.

14 “(B) An allowance is payable under this paragraph
15 only with respect to travel of a member to and from a
16 single residence.

17 “(5) A member who participates in a program is enti-
18 tled to carry forward the leave balance existing as of the
19 day on which the member begins participation and accu-
20 mulated in accordance with section 701 of this title, but
21 not to exceed 60 days.

22 “(g) PROMOTION.—(1)(A) An officer participating in
23 a program under this section shall not, while participating
24 in the program, be eligible for consideration for promotion
25 under chapter 36 or 1405 of this title.

1 “(B) Upon the return of an officer to active service
2 after completion by the officer of participation in a pro-
3 gram—

4 “(i) the Secretary of the military department
5 concerned shall adjust the date of rank of the officer
6 in such manner as the Secretary of Defense shall
7 prescribe in regulations for purposes of this section;
8 and

9 “(ii) the officer shall be eligible for consider-
10 ation for promotion when officers of the same com-
11 petitive category, grade, and seniority are eligible for
12 consideration for promotion.

13 “(2) An enlisted member participating in a program
14 shall not be eligible for consideration for promotion during
15 the period that—

16 “(A) begins on the date of the inactivation of
17 the member from active service under the program;
18 and

19 “(B) ends at such time after the return of the
20 member to active service under the program that the
21 member is treatable as eligible for promotion by rea-
22 son of time in grade and such other requirements as
23 the Secretary of the military department concerned
24 shall prescribe in regulations for purposes of the
25 program.

1 “(h) CONTINUED ENTITLEMENTS.—A member par-
2 ticipating in a program under this section shall, while par-
3 ticipating in the program, be treated as a member of the
4 armed forces on active duty for a period of more than 30
5 days for purposes of—

6 “(1) the entitlement of the member and of the
7 dependents of the member to medical and dental
8 care under the provisions of chapter 55 of this title;
9 and

10 “(2) retirement or separation for physical dis-
11 ability under the provisions of chapters 55 and 61
12 of this title.”.

13 (b) TECHNICAL AND CONFORMING AMENDMENTS.—

14 (1) TABLE OF SECTIONS.—The table of sections
15 at the beginning of such chapter is amended by in-
16 serting after the item relating to section 709a the
17 following new item:

710. Career flexibility to enhance retention of members.

18 (2) CONFORMING REPEAL.—Section 533 of the
19 Duncan Hunter National Defense Authorization Act
20 for Fiscal Year 2009 (10 U.S.C. prec. 701 note) is
21 repealed.

22 **SEC. 552. IMPROVEMENTS TO TRANSITION ASSISTANCE**
23 **PROGRAM.**

24 (a) PATHWAYS FOR TAP.—

1 (1) IN GENERAL.—Section 1142 of title 10,
2 United States Code, is amended—

3 (A) in the section heading by striking
4 “**medical**” and inserting “**certain**”;

5 (B) in subsection (a)—

6 (i) in paragraph (1), by inserting
7 “(regardless of character of discharge)”
8 after “discharge”;

9 (ii) in paragraph (3)(A)—

10 (I) by striking “as soon as pos-
11 sible during the 12-month period pre-
12 ceding” and inserting “not later than
13 365 days before”;

14 (II) by striking “90 days” and
15 inserting “365 days”; and

16 (III) by striking “discharge or
17 release” and inserting “retirement or
18 other separation”; and

19 (iii) in paragraph (3)(B)—

20 (I) by striking “90” and insert-
21 ing “365”; and

22 (II) by striking “90-day” and in-
23 serting “365-day”;

24 (C) by redesignating subsection (c) as sub-
25 section (d);

1 (D) by inserting after subsection (b) the
2 following new subsection (c):

3 “(c) COUNSELING PATHWAYS.—(1) Each Secretary
4 concerned, in consultation with the Secretaries of Labor
5 and Veterans Affairs, shall establish at least three path-
6 ways for members of the military department concerned
7 receiving individualized counseling under this section. The
8 Secretaries shall design the pathways to address the needs
9 of members, based on the following factors:

10 “(A) Rank.

11 “(B) Term of service.

12 “(C) Gender.

13 “(D) Whether the member was a member
14 of a regular or reserve component of an armed
15 force.

16 “(E) Disability.

17 “(F) Character of discharge (including ex-
18 pedited discharge and discharge under condi-
19 tions other than honorable).

20 “(G) Health (including mental health).

21 “(H) Military occupational specialty.

22 “(I) Whether the member intends, after
23 separation, retirement, or discharge, to—

24 “(i) seek employment;

1 “(ii) enroll in a program of higher
2 education;

3 “(iii) enroll in a program of vocational
4 training; or

5 “(iv) become an entrepreneur.

6 “(J) The educational history of the mem-
7 ber.

8 “(K) The employment history of the mem-
9 ber.

10 “(L) Whether the member has secured—

11 “(i) employment;

12 “(ii) enrollment in a program of edu-
13 cation; or

14 “(iii) enrollment in a program of voca-
15 tional training.

16 “(M) Other factors the Secretary of De-
17 fense and the Secretary of Homeland Security,
18 in consultation with the Secretaries of Labor
19 and Veterans Affairs, determine appropriate.

20 “(2) Each member described in subsection (a) shall
21 meet in person or by video conference with a counselor
22 before beginning counseling under this section to—

23 “(A) take a self-assessment designed by the
24 Secretary concerned (in consultation with the Secre-
25 taries of Labor and Veterans Affairs) to ensure that

1 the Secretary concerned places the member in the
2 appropriate pathway under this subsection; and

3 “(B) receive information from the counselor re-
4 garding reenlistment in the armed forces; and

5 “(C) receive information from the counselor re-
6 garding resources—

7 “(i) for members of the armed forces sepa-
8 rated, retired, or discharged;

9 “(ii) located in the community in which the
10 member will reside after separation, retirement,
11 or discharge.

12 “(3) At the meeting under paragraph (2), the mem-
13 ber may elect to have the Secretary concerned (in con-
14 sultation with the Secretaries of Labor and Veterans Af-
15 fairs) provide the contact information of the member to
16 the resources described in paragraph (2)(B).”; and

17 (E) by adding at the end the following new
18 subsection:

19 “(e) JOINT SERVICE TRANSCRIPT.—(1) The Sec-
20 retary concerned shall provide a copy of the joint service
21 transcript of a member described in subsection (a) to—

22 “(A) that member—

23 “(i) at the meeting with a counselor under
24 subsection (c)(2); and

1 “(ii) on the day the member separates, re-
2 tires, or is discharged.

3 “(B) the Secretary of Veterans Affairs on the
4 day the member separates, retires, or is discharged.

5 “(2) The Secretary of Veterans Affairs shall ensure
6 that a member who has separated, retired, or is discharged
7 may access the joint service transcript of that member
8 from a website of the Department of Veterans Affairs not
9 later than one year after the day the member separates,
10 retires, or is discharged.”.

11 (2) DEADLINE.—Each Secretary concerned
12 shall carry out subsection (c) of such section, as
13 amended by paragraph (1), not later than one year
14 after the date of the enactment of this Act.

15 (3) GAO STUDY.—Not later than one year after
16 the Secretaries concerned carry out subsection (c) of
17 such section, as amended by paragraph (1), the
18 Comptroller General of the United States shall sub-
19 mit to Congress a review of the pathways for the
20 Transition Assistance Program established under
21 such subsection (c).

22 (b) CONTENTS OF TAP.—

23 (1) IN GENERAL.—Section 1144 of title 10,
24 United States Code, is amended—

1 (A) in subsection (a), by striking “Such
2 services” and inserting “Subject to subsection
3 (f)(2), such services”; and

4 (B) by amending subsection (f) to read as
5 follows:

6 “(f) PROGRAM CONTENTS.—(1) The program carried
7 out under this section shall consist of instruction as fol-
8 lows:

9 “(A) One day of preseparation training
10 specific to the armed force concerned, as deter-
11 mined by the Secretary concerned.

12 “(B) One day of instruction regarding—
13 “(i) benefits under laws administered
14 by the Secretary of Veterans Affairs; and
15 “(ii) other subjects determined by the
16 Secretary concerned.

17 “(C) One day of instruction regarding
18 preparation for employment.

19 “(D) Two days of instruction regarding a
20 topic selected by the member from the following
21 subjects:

22 “(i) Preparation for employment.

23 “(ii) Preparation for education.

24 “(iii) Preparation for vocational train-
25 ing.

1 “(iv) Preparation for entrepreneur-
2 ship.

3 “(v) Other options determined by the
4 Secretary concerned.

5 “(2) The Secretary concerned may permit a member
6 to attend training and instruction under the program es-
7 tablished under this section—

8 “(A) before the time periods established under
9 section 1142(a)(3) of this title;

10 “(B) in addition to such training and instruc-
11 tion required during such time periods.”.

12 (2) DEADLINE.—The Transition Assistance
13 Program shall comply with the requirements of sec-
14 tion 1144(f) of title 10, United States Code, as
15 amended by paragraph (1), not later than one year
16 after the date of the enactment of this Act.

17 (3) ACTION PLAN.—Not later than 120 days
18 after the date of the enactment of this Act, the Sec-
19 retary of Defense shall submit an action plan to the
20 congressional defense committees that—

21 (A) details how the Secretary shall imple-
22 ment the requirements of section 1144(f) of
23 title 10, United States Code, as amended by
24 paragraph (1); and

1 (B) details how the Secretary, in consulta-
2 tion with the Secretaries of Veterans Affairs
3 and Labor, shall establish standardized per-
4 formance metrics to measure Transition Assist-
5 ance Program participation and outcome-based
6 objective benchmarks in order to—

7 (i) provide feedback to the Depart-
8 ments of Defense, Veterans Affairs, and
9 Labor;

10 (ii) improve the curriculum of the
11 Transition Assistance Program;

12 (iii) share best practices; and

13 (iv) facilitate effective oversight of the
14 Transition Assistance Program.

15 (4) REPORT.—On the date that is two years
16 after the date of the enactment of this Act and an-
17 nually thereafter for the subsequent four years, the
18 Secretary of Defense shall submit to the Committees
19 on Armed Services and Veterans' Affairs of the Sen-
20 ate and the House of Representatives, the Com-
21 mittee on Commerce, Science, and Transportation of
22 the Senate, and the Committee on Transportation
23 and Infrastructure of the House of Representatives,
24 a report regarding members of the Armed Forces
25 who have attended Transition Assistance Program

1 counseling during the preceding year. The report
2 shall detail the following:

3 (A) The total number of members who at-
4 tended Transition Assistance Program coun-
5 seling.

6 (B) The number of members who attended
7 Transition Assistance Program counseling
8 under paragraph (1) of section 1144(f) of title
9 10, as amended by paragraph (1).

10 (C) The number of members who attended
11 Transition Assistance Program counseling
12 under paragraph (2) of such section.

13 (D) The number of members who elected
14 to attend each two-day instruction under para-
15 graph (1)(D) of such section.

16 **SEC. 553. EMPLOYMENT AND COMPENSATION OF CIVILIAN**
17 **FACULTY MEMBERS AT THE JOINT SPECIAL**
18 **OPERATIONS UNIVERSITY.**

19 Section 1595(c) of title 10, United States Code, is
20 amended by adding at the end the following new para-
21 graph:

22 “(5) The Joint Special Operations University.”.

1 **SEC. 554. PROGRAM TO ASSIST MEMBERS OF THE ARMED**
2 **FORCES IN OBTAINING PROFESSIONAL CRE-**
3 **DENTIALS.**

4 Section 2015(a) of title 10, United States Code, is
5 amended by striking “related to military training” and all
6 that follows through the period at the end of paragraph
7 (2) and inserting “that translate into civilian occupa-
8 tions.”.

9 **SEC. 555. EXTENSION OF PILOT PROGRAM TO ASSIST MEM-**
10 **BERS IN OBTAINING POST-SERVICE EMPLOY-**
11 **MENT.**

12 Section 555(i) of the Carl Levin and Howard P.
13 “Buck” McKeon National Defense Authorization Act for
14 Fiscal Year 2015 (Public Law 113-291; 10 U.S.C. 1143
15 note) is amended by striking “2018” and inserting
16 “2023”.

17 **SEC. 556. DIRECT EMPLOYMENT PILOT PROGRAM FOR**
18 **MEMBERS OF THE RESERVE COMPONENTS**
19 **AND VETERANS.**

20 (a) **AUTHORITY.**—The Secretary of Defense may
21 enter into agreements with the chief executives of the
22 States to carry out pilot programs to enhance the efforts
23 of the Department of Defense to provide job placement
24 assistance and related employment services directly to un-
25 employed or underemployed members of the reserve com-
26 ponents of the Armed Forces and veterans.

1 (b) COST-SHARING.—Any agreement under sub-
2 section (a) shall require that the State must contribute
3 an amount, derived from non-Federal sources, that equals
4 or exceeds 50 percent of the funds provided by the Sec-
5 retary to the State under this section to support the oper-
6 ation of the pilot program in that State.

7 (c) ADMINISTRATION.—The pilot program in a State
8 shall be administered by the adjutant general in that State
9 appointed under section 314 of title 32, United States
10 Code. If the adjutant general is unavailable or unable to
11 administer a pilot program, the Secretary, after consulting
12 with the chief executive of the State, shall designate an
13 official of that State to administer that pilot program.

14 (d) PROGRAM MODEL.—A pilot program under this
15 section—

16 (1) shall use a job placement program model
17 that focuses on working one-on-one with individuals
18 described in subsection (a) to provide cost-effective
19 job placement services, including—

20 (A) job matching services;

21 (B) resume editing;

22 (C) interview preparation; and

23 (D) post-employment follow up; and

24 (2) shall incorporate best practices of State-op-
25 erated direct employment programs for members of

1 the reserve components of the Armed Forces and
2 veterans, such as the programs conducted in Cali-
3 fornia and South Carolina.

4 (e) SKILLBRIDGE TRAINING OPPORTUNITIES.—A
5 pilot program under this section shall utilize civilian train-
6 ing opportunities through the SkillBridge transition train-
7 ing program administered by the Department of Defense.

8 (f) EVALUATION.—The Secretary shall develop out-
9 come measurements to evaluate the success of any pilot
10 program established under this provision.

11 (g) REPORTING.—

12 (1) REPORT REQUIRED.—Not later than March
13 1, 2021, the Secretary, in coordination with the Sec-
14 retary of Veterans Affairs and Chief of the National
15 Guard Bureau, shall submit to the congressional de-
16 fense committees a report describing the results of
17 any pilot program established under this section.

18 (2) ELEMENTS.—A report under paragraph (1)
19 shall include the following elements:

20 (A) A description and assessment of the ef-
21 fectiveness and achievements of the pilot pro-
22 gram, including—

23 (i) the number of members of the re-
24 serve components of the Armed Forces and
25 veterans hired; and

1 (ii) the cost-per-placement of partici-
2 pating members and veterans.

3 (B) An assessment of the impact of the
4 pilot program and increased reserve component
5 employment levels on—

6 (i) the readiness of members of the re-
7 serve components of the Armed Forces;
8 and

9 (ii) retention of service members.

10 (C) A comparison of the pilot program to
11 other programs conducted by the Department
12 of Defense or Department of Veterans Affairs
13 to provide unemployment and underemployment
14 support to members of the reserve components
15 of the Armed Forces or veterans, including best
16 practices the improved the effectiveness of such
17 programs.

18 (D) Any other matter the Secretary deter-
19 mines to be appropriate.

20 (h) DURATION OF AUTHORITY.—

21 (1) IN GENERAL.—Subject to paragraph (2),
22 the authority to carry out a pilot program under this
23 section expires on September 30, 2023.

1 (2) EXTENSION.—The Secretary may extend a
2 pilot program under this section beyond the date in
3 paragraph (1) by not more than two years.

4 **SEC. 557. EXTENDED DURATION OF AVAILABILITY OF MILI-**
5 **TARY ONESOURCE PROGRAM SERVICES FOR**
6 **MEMBERS OF THE ARMED FORCES UPON**
7 **THEIR SEPARATION OR RETIREMENT.**

8 The Secretary of Defense shall ensure that retired
9 and honorably discharged members of the Armed Forces,
10 including members medically discharged, separated, or on
11 the temporary disability retirement list, and their imme-
12 diate family remain eligible for services under the Military
13 OneSource Program for at least one year after the end
14 of the member's tour of service, the member's retirement
15 date, or the member's separation date, as the case may
16 be.

17 **SEC. 558. COMPTROLLER GENERAL BRIEFING AND REPORT**
18 **ON PERMANENT EMPLOYMENT ASSISTANCE**
19 **CENTERS.**

20 (a) REQUIREMENT.— Not later than 240 days after
21 the date of the enactment of this Act, the Comptroller
22 General of the United States shall provide a briefing to
23 the Armed Services Committees of the Senate and House
24 of Representatives, with a report to follow on a date
25 agreed to at the time of the briefing. The briefing and

1 report shall provide information on employment assistance
2 required under section 1143 of title 10, United States
3 Code, and related information regarding civilian employ-
4 ment requiring certification or licensure.

5 (b) CONTENTS.—The information required under
6 subsection (a) shall include the following:

7 (1) A description of the content of the database
8 required by section 1143(a)(2)(A) of such title.

9 (2) A list and description of permanent employ-
10 ment assistance centers required by section 1143(b)
11 of such title.

12 (3) A list and description of employment skills
13 training programs and eligible members of the
14 Armed Forces.

15 (4) A list and description of State and non-
16 State entities that have interacted with civilian em-
17 ployers.

18 (5) A description of the use by members of the
19 Armed Forces of the permanent employment assist-
20 ance centers.

21 (6) An assessment of the permanent employ-
22 ment assistance centers and challenges, if any, the
23 centers have experienced as of the date of the brief-
24 ing or report.

1 **SEC. 559. ACTIVITIES TO INCREASE AWARENESS OF AP-**
2 **PRENTICESHIP PROGRAMS.**

3 The Secretary of Defense shall ensure that, as part
4 of the transition counseling provided by the Department
5 of Defense to members of the Armed Forces who are in
6 the process of separating from the Armed Forces (includ-
7 ing the reserve components), information is provided to
8 such members 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 “there-
6 after” 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,
11 supplies, fees, and training materials for immediate
12 family members of members of the armed forces as-
13 signed to special operations forces while partici-
14 pating in 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
19 Act for Fiscal Year 2018 (Public Law 115-91) is amend-
20 ed—

21 (1) in subsection (a), by adding at the end the
22 following new paragraphs:

23 “(5) Expanding the childcare hours at military
24 installations that host initial training units in order

1 to accommodate drill instructors, trainers, and sup-
2 port staff.

3 “(6) Modifying the rate of use of subsidized,
4 off-installation childcare services by military fami-
5 lies, including whether such rate could be increased
6 by altering policies that cap the amount of subsidies
7 for military families for such services based on the
8 cost of living for families and the average cost of ci-
9 vilian childcare services.

10 “(7) Permitting the issuance of employee clear-
11 ances on a provisional or interim basis for those
12 working at military childcare centers.”; and

13 (2) in subsection (b)—

14 (A) by striking “September 1, 2018” and
15 inserting “March 1, 2019”;

16 (B) by striking “the results of the assess-
17 ment conducted under subsection (a).” and in-
18 serting an em dash; and

19 (C) by adding at the end the following new
20 paragraphs:

21 “(1) the results of the assessment conducted
22 under subsection (a); and

23 “(2) assessments of—

24 “(A) the underlying factors contributing to
25 the childcare backlogs at many installations;

1 “(B) the effect of such backlogs on mem-
2 ber recruitment and retention; and

3 “(C) the effect of such backlogs on mili-
4 tary spouse unemployment and underemploy-
5 ment.”.

6 **SEC. 563. CONTINUED ASSISTANCE TO SCHOOLS WITH SIG-**
7 **NIFICANT NUMBERS OF MILITARY DEPEND-**
8 **ENT STUDENTS.**

9 (a) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT
10 NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the
11 amount authorized to be appropriated for fiscal year 2019
12 in Division D of this Act and available for operation and
13 maintenance for Defense-wide activities as specified in the
14 funding table in Section 4301 of this Act, \$40,000,000
15 shall be available only for the purpose of providing assist-
16 ance to local educational agencies under subsection (a) of
17 section 572 of the National Defense Authorization Act for
18 Fiscal Year 2006 (Public Law 109-163; 20 U.S.C.
19 7703b).

20 (b) IMPACT AID FOR CHILDREN WITH SEVERE DIS-
21 ABILITIES.—Of the amount authorized to be appropriated
22 for fiscal year 2019 in Division D of this Act and available
23 for operation and maintenance for Defense-wide activities
24 as specified in the funding table in Section 4301 of this
25 Act, \$10,000,000 shall be available for payments under

1 section 363 of the Floyd D. Spence National Defense Au-
2 thorization Act for Fiscal Year 2001 (Public Law 106-
3 398; 20 U.S.C. 7703a).

4 (c) LOCAL EDUCATIONAL AGENCY DEFINED.—In
5 this section, the term “local educational agency” has the
6 meaning given that term in section 7013(9) of the Ele-
7 mentary and Secondary Education Act of 1965 (20 U.S.C.
8 7713(9)).

9 **SEC. 564. DEPARTMENT OF DEFENSE EDUCATION ACTIVITY**
10 **MISCONDUCT DATABASE.**

11 (a) COMPREHENSIVE DATABASE.—The Secretary of
12 Defense shall consolidate the various databases and mech-
13 anisms for the reporting and tracking of juvenile mis-
14 conduct in Department of Defense Education Activity
15 (hereinafter in this section referred to as “DODEA”)
16 schools into one comprehensive database for DODEA ju-
17 venile misconduct. The comprehensive database shall in-
18 clude, at a minimum, all reportable allegations of juvenile-
19 on-juvenile sexual misconduct, regardless of the final dis-
20 position of the case.

21 (b) POLICY.—The Secretary shall establish a com-
22 prehensive policy regarding the reporting and tracking of
23 juvenile misconduct cases occurring in DODEA schools,
24 including policies establishing appropriate safeguards to
25 prevent unauthorized disclosure of sensitive information

1 contained in the comprehensive database required by sub-
2 section (a).

3 **SEC. 565. REPORT ON ASSESSMENT OF FREQUENCY OF**
4 **PERMANENT CHANGES OF STATION OF MEM-**
5 **BERS OF THE ARMED FORCES ON EMPLOY-**
6 **MENT AMONG MILITARY SPOUSES.**

7 (a) IN GENERAL.—The Secretary of Defense shall
8 submit to Congress a report setting forth an assessment
9 of the effects of the frequency of permanent changes of
10 station of members of the Armed Forces on stability of
11 employment among military spouses.

12 (b) ELEMENTS.—The report under this section shall
13 include the following:

14 (1) An assessment of the effects of the fre-
15 quency of permanent changes of station of members
16 of the Armed Forces on stability of employment
17 among military spouses, including the contribution
18 of frequent permanent changes of station to unem-
19 ployment or underemployment among military
20 spouses.

21 (2) An assessment of the effects of unemploy-
22 ment and underemployment among military spouses
23 on force readiness.

24 (3) Such recommendations as the Secretary
25 considers appropriate regarding legislative or admin-

1 istration action to achieve force readiness and sta-
2 bilization through the minimization of the impacts of
3 frequent permanent changes on stability of employ-
4 ment among military spouses.

5 **Subtitle H—Decorations and**
6 **Awards**

7 **SEC. 571. LIMITATIONS ON AUTHORITY TO REVOKE CER-**
8 **TAIN MILITARY DECORATIONS AWARDED TO**
9 **MEMBERS OF THE ARMED FORCES.**

10 (a) ARMY.—

11 (1) LIMITATIONS.—Chapter 357 of title 10,
12 United States Code, is amended by adding at the
13 end the following new section:

14 **“§ 3757. Military decorations: limitations on revoca-**
15 **tion**

16 “(a) LIMITATIONS.—Except as provided in sub-
17 section (b), the President or the Secretary of the Army
18 may not authorize the revocation of a military decoration
19 after the actual award of the military decoration to a
20 member of the armed forces under the jurisdiction of the
21 Secretary.

22 “(b) EXCEPTIONS.—(1) Subsection (a) does not
23 apply to the revocation of a military decoration if the rev-
24 ocation 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 Army 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 distin-
12 guished-service cross, distinguished-service medal, silver
13 star, distinguished flying cross, or Soldier’s Medal. The
14 term 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
17 by adding at the end the following new item:

“3757. Military decorations: limitations on revocation.”.

18 (b) NAVY AND MARINE CORPS.—

19 (1) LIMITATIONS.—Chapter 567 of title 10,
20 United States Code, is amended by adding at the
21 end the following new section:

22 **“§ 6259. Military decorations: limitations on revoca-**
23 **tion**

24 “(a) LIMITATIONS.—Except as provided in sub-
25 section (b), the President or the Secretary of the Navy

1 may not authorize the revocation of a military decoration
2 after the actual award of the military decoration to a
3 member of the armed forces under the jurisdiction of the
4 Secretary.

5 “(b) EXCEPTIONS.—(1) Subsection (a) does not
6 apply to the revocation of a military decoration if the rev-
7 ocation is ordered on account of—

8 “(A) the acquisition of new or additional infor-
9 mation that calls into question the service for which
10 the member was awarded the military decoration; or

11 “(B) the conviction of the member for a felony.

12 “(2) In applying the exception described in paragraph
13 (1)(B), the President and the Secretary of the Navy shall
14 take into account, as an extenuating factor, whether the
15 member has been diagnosed with traumatic brain injury
16 or post-traumatic stress disorder.

17 “(c) MILITARY DECORATION DEFINED.—In this sec-
18 tion, the term ‘military decoration’ means the Navy cross,
19 distinguished-service medal, silver star medal, distin-
20 guished flying cross, or Navy and Marine Corps Medal.
21 The term does not include the medal of honor.”.

22 (2) CLERICAL AMENDMENT.—The table of sec-
23 tions at the beginning of such chapter is amended
24 by adding at the end the following new item:

“6259. Military decorations: limitations on revocation.”.

25 (c) AIR FORCE.—

1 (1) LIMITATIONS.—Chapter 857 of title 10,
2 United States Code, is amended by adding at the
3 end the following new section:

4 **“§ 8757. Military decorations: limitations on revoca-**
5 **tion**

6 “(a) LIMITATIONS.—Except as provided in sub-
7 section (b), the President or the Secretary of the Air Force
8 may not authorize the revocation of a military decoration
9 after the actual award of the military decoration to a
10 member of the armed forces under the jurisdiction of the
11 Secretary.

12 “(b) EXCEPTIONS.—(1) Subsection (a) does not
13 apply to the revocation of a military decoration if the rev-
14 ocation is ordered on account of—

15 “(A) the acquisition of new or additional infor-
16 mation that calls into question the service for which
17 the member was awarded the military decoration; or

18 “(B) the conviction of the member for a felony.

19 “(2) In applying the exception described in paragraph
20 (1)(B), the President and the Secretary of the Air Force
21 shall take into account, as an extenuating factor, whether
22 the member has been diagnosed with traumatic brain in-
23 jury or post-traumatic stress disorder.

24 “(c) MILITARY DECORATION DEFINED.—In this sec-
25 tion, the term ‘military decoration’ means the Air Force

1 cross, distinguished-service medal, silver star, distin-
2 guished flying cross, or Airman's Medal. The term does
3 not include the medal of honor.”.

4 (2) CLERICAL AMENDMENT.—The table of sec-
5 tions at the beginning of such chapter is amended
6 by adding at the end the following new item:

“8757. Military decorations: limitations on revocation.”.

7 **SEC. 572. AUTHORIZATION FOR AWARD OF EXPEDITIONARY**
8 **MEDAL TO CERTAIN MARINES FOR ACTIONS**
9 **ON JUNE 8, 1995.**

10 Notwithstanding any time limitation with respect to
11 the awarding of certain medals to persons who served in
12 the Armed Forces, the Secretary of Defense may award
13 the Armed Forces Expeditionary Medal to a member or
14 former member of the 24th Marine Expeditionary Unit,
15 Special Operations Capable, for the mission to rescue Cap-
16 tain Scott O’Grady, United States Air Force, from Bosnia
17 on June 8, 1995.

18 **Subtitle I—Miscellaneous Reports**
19 **and Other Matters**

20 **SEC. 581. PUBLIC AVAILABILITY OF TOP-LINE NUMBERS OF**
21 **DEPLOYED MEMBERS OF THE ARMED**
22 **FORCES.**

23 (a) IN GENERAL.—Except as provided in subsection
24 (b), the Secretary of Defense shall make publicly available

1 the top-line numbers of members of the Armed Forces de-
2 ployed for each country.

3 (b) WAIVER.—

4 (1) IN GENERAL.—The Secretary may waive
5 the requirement under subsection (a) in the case of
6 a sensitive military operation if—

7 (A) the Secretary determines the public
8 disclosure of the number of deployed members
9 of the Armed Forces could reasonably be ex-
10 pected to provide an operational military advan-
11 tage to an adversary; or

12 (B) members of the Armed Forces are de-
13 ployed for a period that does not exceed 30
14 days.

15 (2) NOTICE.— If the Secretary issues a waiver
16 under this subsection, the Secretary submit to the
17 congressional defense committees a notice of the
18 waiver and the reasons for the determination that
19 led to the waiver.

20 (c) SENSITIVE MILITARY OPERATION DEFINED.—
21 The term “sensitive military operation” has the meaning
22 given that term in section 130f(d) of title 10, United
23 States Code.

1 **SEC. 582. CRITERIA FOR INTERMENT AT ARLINGTON NA-**
2 **TIONAL CEMETERY.**

3 (a) CRITERIA.—The Secretary of the Army, in con-
4 sultation with the Secretary of Defense, shall prescribe re-
5 vised criteria for interment at Arlington National Ceme-
6 tery that preserve Arlington National Cemetery as an ac-
7 tive burial ground “well into the future,” as that term is
8 used in the report submitted by the Secretary of the Army
9 to the Committees on Veterans’ Affairs and the Commit-
10 tees on Armed Services of the House of Representatives
11 and the Senate, dated February 14, 2017, and titled “The
12 Future of Arlington National Cemetery: Report on the
13 Cemetery’s Interment and Inurnment Capacity 2017”.

14 (b) DEADLINE.—The Secretary of the Army shall es-
15 tablish the criteria under subsection (a) not later than
16 September 30, 2019.

17 **SEC. 583. REPORT ON GENERAL AND FLAG OFFICER COSTS.**

18 Not later than nine months after the date of the en-
19 actment of this Act, the Secretary of Defense shall submit
20 to the congressional defense committees a report on gen-
21 eral and flag officer costs. Such report shall include cost
22 estimates for direct and indirect costs associated with gen-
23 eral and flag officers generally and for specific positions
24 in accordance with the recommendations of the Office of
25 the Secretary of Defense-Cost Assessment and Program

1 Evaluation report entitled “Defining General and Flag Of-
2 ficer Costs” dated December 2017, including—

3 (1) direct compensation for all general and flag
4 officers and for specific general and flag officer posi-
5 tions, using the full cost of manpower model to esti-
6 mate where possible;

7 (2) personal money allowances for positions
8 that receive an allowance;

9 (3) deferred compensation and health care costs
10 for all general and flag officers and for specific gen-
11 eral and flag officer positions;

12 (4) costs associated with providing security de-
13 tails for specific general and flag officer positions
14 that merit continuous security;

15 (5) costs associated with Government and com-
16 mercial travel for general and flag officers who qual-
17 ify for tier one or two travel, including commercial
18 travel costs using defense travel sytstem data;

19 (6) general flag officer per diems for specific
20 positions, based on average travel per diem costs;

21 (7) costs for enlisted and officer aide housing
22 for general and flag officers generally and for spe-
23 cific general and flag officer positions, including
24 basic housing assistance costs for staff;

1 (8) on a case-by-case basis, costs associated
2 with enlisted and officer aide travel, taking into con-
3 sideration the cost of data collection;

4 (9) costs associated with additional support
5 staff for general and flag officers and their travel,
6 equipment, and per diem costs for all general and
7 flag officers and specific general and flag officer po-
8 sitions based on the average numbers per general or
9 flag officer and estimations using the full cost of
10 manpower model;

11 (10) costs associated with the upkeep and
12 maintenance of official residences not captured by
13 basic housing assistance; and

14 (11) costs associated with training for general
15 and flag officers generally and specific general and
16 flag officer positions using estimations from the full
17 cost of manpower model.

18 **SEC. 584. REPORT ON OUTSIDE EMPLOYMENT OF SENIOR**
19 **PERSONNEL.**

20 (a) REPORT REQUIRED.—Not later than 18 months
21 after the date of the enactment of this Act, and annually
22 thereafter, the Secretary of Defense shall submit a report
23 to Congress on requests by senior personnel for approval
24 of outside employment during the preceding fiscal year.

1 (b) ELEMENTS.—The report under this section shall
2 contain the following regarding:

3 (1) The number of such requests.

4 (2) The number of such requests approved.

5 (3) The types of positions for which senior per-
6 sonnel made such requests.

7 (4) The range and average of the time commit-
8 ment for such positions.

9 (5) The range and average of the compensation
10 for such positions.

11 (6) Any ethical lapses or abuses by senior per-
12 sonnel in the course of employment pursuant to ap-
13 proved requests.

14 (c) SENIOR PERSONNEL DEFINED.—In this section,
15 the term “senior personnel” means any of the following:

16 (1) An officer in the regular or reserve compo-
17 nent of an armed force above the grade of O-6.

18 (2) An employee of the Department of Defense
19 in the Senior Executive Service.

20 **SEC. 585. LIMITATION ON USE OF FUNDS PENDING SUB-**
21 **MITTAL OF REPORT ON ARMY MARKETING**
22 **AND ADVERTISING PROGRAM.**

23 (a) REPORT REQUIRED.—

24 (1) IN GENERAL.—The Secretary of the Army
25 shall submit to the Committees on Armed Services

1 of the Senate and House of Representatives a report
2 on the recommendations contained in the audit con-
3 ducted by the Army Audit Agency of the Army's
4 Marketing and Advertising Program concerning con-
5 tract oversight and return on investment.

6 (2) CONTENTS.—The report required by para-
7 graph (1) shall address each of the following:

8 (A) The mitigation and oversight measures
9 implemented to assure improved program re-
10 turn and contract management including the
11 establishment of specific goals to measure long-
12 term effects of investments in marketing ef-
13 forts.

14 (B) The establishment of a review process
15 to regularly evaluate the effectiveness and effi-
16 ciency of marketing efforts including efforts to
17 better support the accessions missions of the
18 Army.

19 (C) The increase of acquisition and mar-
20 keting experience within the Army Marketing
21 and Research Group (hereinafter in this section
22 referred to as the “AMRG”).

23 (D) A workforce analysis of AMRG in co-
24 operation with the Office of Personnel Manage-
25 ment and industry experts assessing the AMRG

1 organizational structure, staffing, and training,
2 including an assessment of the workplace cli-
3 mate and culture internal to the AMRG.

4 (E) The establishment of an Army Mar-
5 keting and Advisory Board comprised of senior
6 Army and marketing and advertising leaders
7 and an assessment of industry and service mar-
8 keting and advertising best practices including
9 a plan to incorporate relevant practices.

10 (F) The status of the implementation of
11 contracting practices recommended by the
12 Army Audit Agency's audit of contracting over-
13 sight of AMRG contained in Audit Report A-
14 2018-0033-MTH.

15 (b) LIMITATION ON USE OF FUNDS.—Not more than
16 60 percent of the amounts authorized to be appropriated
17 or otherwise made available in this Act for the AMRG for
18 fiscal year 2019 for advertising and marketing activities
19 may be obligated or expended until the Secretary of the
20 Army submits the report required by subsection (a).

21 (c) COMPTROLLER GENERAL REVIEW.—Not later
22 than 90 days after the date of the submittal of the report
23 required by subsection (a), the Comptroller General of the
24 United States shall conduct a review of the results and
25 implementation of the recommendations of the Army

1 Audit Agency Audits of the AMRG on contract oversight
2 and return on investment. Such review shall include an
3 assessment of the effects of the implementation of the rec-
4 ommendations on the AMRG leadership, workforce and
5 business practices, and return on investment.

6 **TITLE VI—COMPENSATION AND**
7 **OTHER PERSONNEL BENEFITS**
8 **Subtitle A—Pay and Allowances**

9 **SEC. 601 . PROMPT REVIEW OF REQUEST FOR IMMINENT**
10 **DANGER PAY.**

11 Section 310(d)(1) of title 37, United States Code, is
12 amended by adding at the end the following new sentence:
13 “The Secretary of Defense shall issue a determination re-
14 garding special pay under this section not later than 90
15 days after receiving a request for such determination from
16 the commander of a geographic combatant command.”

17 **SEC. 602 . APPLICATION OF BASIC ALLOWANCE FOR HOUS-**
18 **ING TO MEMBERS OF THE UNIFORMED SERV-**
19 **ICES IN THE VIRGIN ISLANDS.**

20 (a) IN GENERAL.—Section 403(b) of title 37, United
21 States Code, is amended—

22 (1) in the heading, by inserting “AND THE VIR-

23 GIN ISLANDS” after “THE UNITED STATES”;

24 (2) in paragraph (1), by inserting “and the Vir-

25 gin Islands” after “the United States”; and

1 (3) in paragraphs (2), (3)(A), and (6), by in-
2 serting “or the Virgin Islands” after “the United
3 States” each place it appears.

4 (b) CONFORMING AMENDMENTS.—Section 403(c) of
5 title 37, United States Code, is amended—

6 (1) in the heading, by inserting “OR THE VIR-
7 GIN ISLANDS” after “THE UNITED STATES”; and

8 (2) in paragraphs (1), (2), (3)(A)(i), and
9 (3)(B), by inserting “or the Virgin Islands” after
10 “the United States” each place it appears.

11 (c) EFFECTIVE DATE.—The amendments made by
12 this section shall take effect on the date of the enactment
13 of this Act and shall apply to payments under section 403
14 of title 37, United States Code, beginning on January 1,
15 2019.

16 **SEC. 603 . MANDATORY INCREASE IN INSURANCE COV-**
17 **ERAGE UNDER SERVICEMEMBERS’ GROUP**
18 **LIFE INSURANCE FOR MEMBERS DEPLOYED**
19 **TO COMBAT THEATERS OF OPERATION.**

20 Section 1967(a)(3) of title 38, United States Code,
21 is amended—

22 (1) in subparagraph (A), by striking “subpara-
23 graphs (B) and (C)” and inserting “subparagraphs
24 (B), (C), and (D)”; and

1 (2) by adding at the end the following new sub-
2 paragraph:

3 “(D) In the case of a member who elects under
4 paragraph (2)(A) not to be insured under this sec-
5 tion, or who elects under subparagraph (B) to be in-
6 sured for an amount less than the maximum amount
7 provided under subparagraph (A), and who is de-
8 ployed to a combat theater of operations the mem-
9 ber—

10 “(i) shall be insured under this subchapter
11 for the maximum amount provided under sub-
12 paragraph (A) for the period of such deploy-
13 ment; and

14 “(ii) upon the end of such deployment—

15 “(I) shall be insured in the amount
16 elected by the member under subparagraph
17 (B); or

18 “(II) shall not be insured, if so elected
19 under paragraph (2)(A)”.

20 **SEC. 604 . MILITARY HOUSING PRIVATIZATION INITIATIVE.**

21 (a) PAYMENT AUTHORITY.—Each month beginning
22 on the first month after the date of the enactment of this
23 Act, the Secretary shall pay a lessor of covered housing
24 5 percent of the amount calculated under section
25 403(b)(3)(A)(i) of title 37, United States Code, for the

1 area in which the covered housing exists. Any such pay-
2 ment shall be in addition to any other payment made by
3 the Secretary to that lessor.

4 (b) PLAN FOR MHPI HOUSING.—Not later than De-
5 cember 1, 2018, the Secretary shall submit to the congres-
6 sional defense committees a long-range plan to develop
7 measures to consistently address the future sustainment,
8 recapitalization, and financial condition of MHPI housing.
9 The plan shall include—

10 (1) efforts to mitigate the losses incurred by
11 MHPI housing projects because of the reductions to
12 BAH under section 603 of the National Defense Au-
13 thorization Act for Fiscal Year 2016 (Public Law
14 114-92; 37 U.S.C. 403(b)(3)(B)); and

15 (2) a full assessment of the effects of such re-
16 ductions (in relation to calculations of market rates
17 for rent and utilities) on the financial condition of
18 MHPI housing.

19 (c) REPORTING.—The Secretary shall direct the As-
20 sistant Secretary of Defense for Energy, Installations, and
21 Environment to take the following steps regarding reports
22 under section 2884(c) of title 10, United States Code:

23 (1) Provide additional contextual information
24 on MHPI housing to identify any differences in the

1 calculation of debt coverage ratios and any effect of
2 such differences on their comparability.

3 (2) Immediately resume issuing such reports on
4 the financial condition of MHPI housing.

5 (3) Revise Department of Defense guidance on
6 MHPI housing—

7 (A) to ensure that relevant financial data
8 (such as debt coverage ratios) in such reports
9 are consistent and comparable in terms of the
10 time periods of the data collected;

11 (B) to include a requirement that the sec-
12 retary of each military department includes
13 measures of future sustainment into each as-
14 sessments of MHPI housing projects; and

15 (C) to require the secretary of each mili-
16 tary department to define risk tolerance regard-
17 ing the future sustainability of MHPI housing
18 projects.

19 (4) Report financial information on future
20 sustainment of each MHPI housing project in such
21 reports.

22 (5) Provide Department of Defense guidance to
23 the secretaries of the military departments to—

1 (A) assess the significance of the specific
2 risks to individual MHPI housing projects from
3 the reduction in BAH; and

4 (B) identify methods to mitigate such risks
5 based on their significance.

6 (6) Not later than December 1, 2018, finalize
7 Department of Defense guidance that clearly de-
8 fines—

9 (A) the circumstances in which the mili-
10 tary departments shall provide notification of
11 housing project changes to the congressional de-
12 fense committees; and

13 (B) which types of such changes require
14 prior notification to or prior approval from the
15 congressional defense committees.

16 (d) DEFINITIONS.—In this section:

17 (1) The term “BAH” means the basic allow-
18 ance for housing under section 403 of title 37,
19 United States Code.

20 (2) The term “covered housing” means a unit
21 of MHPI housing that is leased to a member of a
22 uniformed service who resides in such unit.

23 (3) The term “MHPI housing” means housing
24 acquired or constructed under the alternative au-
25 thority of subchapter IV of chapter 169 of title 10,

1 United States Code (known as the Military Housing
2 Privatization Initiative).

3 **SEC. 605 . PER DIEM ALLOWANCE POLICIES.**

4 (a) POLICY AND REGULATIONS.—

5 (1) EXISTING POLICY AND REGULATIONS.—The
6 Secretary of each military department may not im-
7 plement the policy in the memorandum dated Octo-
8 ber 1, 2014, titled “UTD/CTS for MAP 118-13/
9 CAP 118-13 – Flat Rate Per Diem for Long Term
10 TDY”, regarding per diem allowances, or any regu-
11 lations prescribed pursuant to such memorandum,
12 on or after the date of the enactment of this Act.

13 (2) FUTURE POLICY AND REGULATIONS.—(A)
14 The Secretary of each military department con-
15 cerned may not implement a new policy regarding
16 per diem allowances under section 474 of title 37,
17 United States Code, until after the Secretary of De-
18 fense issues the report under subsection (b).

19 (B) The Secretary of the military department
20 concerned shall notify the appropriate congressional
21 committees not less than 60 days before imple-
22 menting a new policy regarding per diem allowances
23 under section 474 of title 37, United States Code.

24 (b) REPORT.—Not later than 180 days after the date
25 of the enactment of this Act, the Secretary of Defense

1 shall issue a report to the appropriate congressional com-
2 mittees regarding options to reduce travel costs incurred
3 by the Department of Defense, including the adoption of
4 practices used by private entities.

5 (c) APPROPRIATE CONGRESSIONAL COMMITTEES.—

6 In this section, the term “appropriate congressional com-
7 mittees” means the congressional defense committees, the
8 Committee on Homeland Security and Governmental Af-
9 fairs of the Senate, and the Committee on Oversight and
10 Government Reform of the House of Representatives.

11 **Subtitle B—Bonuses and Special** 12 **Incentive Pays**

13 **SEC. 611 . ONE-YEAR EXTENSION OF CERTAIN EXPIRING** 14 **BONUS AND SPECIAL PAY AUTHORITIES.**

15 (a) AUTHORITIES RELATING TO RESERVE
16 FORCES.—Section 910(g) of title 37, United States Code,
17 relating to income replacement payments for reserve com-
18 ponent members experiencing extended and frequent mo-
19 bilization for active duty service, is amended by striking
20 “December 31, 2018” and inserting “December 31,
21 2019”.

22 (b) TITLE 10 AUTHORITIES RELATING TO HEALTH
23 CARE PROFESSIONALS.—The following sections of title
24 10, United States Code, are amended by striking “Decem-
25 ber 31, 2018” and inserting “December 31, 2019”:

1 (1) Section 2130a(a)(1), relating to nurse offi-
2 cer candidate accession program.

3 (2) Section 16302(d), relating to repayment of
4 education loans for certain health professionals who
5 serve in the Selected Reserve.

6 (c) AUTHORITIES RELATING TO NUCLEAR OFFI-
7 CERS.—Section 333(i) of title 37, United States Code, is
8 amended by striking “December 31, 2018” and inserting
9 “December 31, 2019”.

10 (d) AUTHORITIES RELATING TO TITLE 37 CONSOLI-
11 DATED SPECIAL PAY, INCENTIVE PAY, AND BONUS AU-
12 THORITIES.—The following sections of title 37, United
13 States Code, are amended by striking “December 31,
14 2018” and inserting “December 31, 2019”:

15 (1) Section 331(h), relating to general bonus
16 authority for enlisted members.

17 (2) Section 332(g), relating to general bonus
18 authority for officers.

19 (3) Section 334(i), relating to special aviation
20 incentive pay and bonus authorities for officers.

21 (4) Section 335(k), relating to special bonus
22 and incentive pay authorities for officers in health
23 professions.

1 (5) Section 336(g), relating to contracting
2 bonus for cadets and midshipmen enrolled in the
3 Senior Reserve Officers' Training Corps.

4 (6) Section 351(h), relating to hazardous duty
5 pay.

6 (7) Section 352(g), relating to assignment pay
7 or special duty pay.

8 (8) Section 353(i), relating to skill incentive
9 pay or proficiency bonus.

10 (9) Section 355(h), relating to retention incen-
11 tives for members qualified in critical military skills
12 or assigned to high priority units.

13 (e) AUTHORITY TO PROVIDE TEMPORARY INCREASE
14 IN RATES OF BASIC ALLOWANCE FOR HOUSING.—Section
15 403(b)(7)(E) of title 37, United States Code, is amended
16 by striking “December 31, 2018” and inserting “Decem-
17 ber 31, 2019”.

18 **Subtitle C—Other Matters**

19 **SEC. 621 . EXPANSIONS OF INSTALLATION BENEFITS TO** 20 **SURVIVING SPOUSES, DEPENDENT CHIL-** 21 **DREN, AND OTHER NEXT OF KIN.**

22 (a) ISSUANCE OF GOLD STAR INSTALLATION ACCESS
23 CARDS.—

24 (1) ISSUANCE AND CONDITIONS ON USE.—

1 (A) IN GENERAL.—Chapter 57 of title 10,
2 United States Code, is amended by inserting
3 after section 1126 the following new section:

4 **“§ 1126a. Gold Star Installation Access Card: issuance**
5 **and protections**

6 “(a) ISSUANCE TO GOLD STAR SURVIVING SPOUSE
7 AND DEPENDENT CHILDREN OF DECEASED MEMBER RE-
8 QUIRED.—The Secretary concerned shall provide for the
9 issuance of a standardized Gold Star Installation Access
10 Card to the widow and dependent children of a deceased
11 member of the armed forces described in section 1126(a)
12 of this title to facilitate their ability to gain unescorted
13 access to military installations for the purpose of attend-
14 ing memorial events, visiting gravesites, and obtaining the
15 on-installation services and benefits to which they are enti-
16 tled or eligible.

17 “(b) ISSUANCE TO OTHER NEXT OF KIN AUTHOR-
18 IZED.—At the discretion of the Secretary concerned, the
19 Secretary concerned may provide the Gold Star Installa-
20 tion Access Card to the parents and other next of kin of
21 a deceased member of the armed forces described in sec-
22 tion 1126(a) of this title.

23 “(c) SERVICE-WIDE ACCEPTANCE OF ACCESS
24 CARD.—The Secretaries concerned shall work together to
25 ensure that a Gold Star Installation Access Card issued

1 by one armed force is accepted for access to military in-
2 stallations under the jurisdiction of another armed force.

3 “(d) PROTECTION OF INSTALLATION SECURITY.—In
4 developing, issuing, and accepting the Gold Star Installa-
5 tion Access Card, the Secretary concerned may take such
6 measures as the Secretary concerned considers nec-
7 essary—

8 “(1) to prevent fraud in the procurement or use
9 of the Gold Star Installation Access Card;

10 “(2) to limit installation access to those areas
11 of the installation that provide the services and ben-
12 efits for which the recipient of the Gold Star Instal-
13 lation Access Card is entitled or eligible; and

14 “(3) to ensure that the availability and use of
15 the Gold Star Installation Access Card does not ad-
16 versely affect military installation security.

17 “(e) TERMINATION.—The Gold Star Installation Ac-
18 cess Card for the widow and dependent children of a de-
19 ceased member of the armed forces shall remain valid for
20 the life of the widow or child, regardless of subsequent
21 marital status of the widow, subject to periodic renewal
22 as determined by the Secretary concerned to ensure mili-
23 tary installation security.”.

24 (B) CLERICAL AMENDMENT.—The table of
25 sections at the beginning of chapter 57 of title

1 10, United States Code, is amended by insert-
2 ing after the item relating to section 1126 the
3 following new item:

“1126a. Gold Star Installation Access Card: issuance and protections.”.

4 (2) APPLICABILITY OF CURRENT DEFINI-
5 TIONS.—Section 1126(d) of title 10, United States
6 Code is amended by striking the matter preceding
7 paragraph (1) and inserting the following: “In this
8 section and section 1126a of this title:”.

9 (b) EXTENSION OF COMMISSARY AND EXCHANGE
10 BENEFITS FOR REMARRIED SPOUSES WITH DEPENDENT
11 CHILDREN.—

12 (1) BENEFITS.—Section 1062 of title 10,
13 United States Code, is amended—

14 (A) by striking “The Secretary of De-
15 fense” and inserting the following:

16 “(a) CERTAIN UNREARRIED FORMER SPOUSES.—
17 The Secretary of Defense”; and

18 (B) by adding at the end the following new
19 subsection:

20 “(b) CERTAIN REMARRIED SURVIVING SPOUSES.—
21 The Secretary of Defense shall prescribe such regulations
22 as may be necessary to provide that a surviving spouse
23 of a deceased member of the armed forces, regardless of
24 the marital status of the surviving spouse, who has guard-
25 ianship of dependent children of the deceased member is

1 entitled to use commissary stores and MWR retail facili-
2 ties to the same extent and on the same basis as the
3 unremarried surviving spouse of a member of the uni-
4 formed services.”.

5 (2) CONFORMING AMENDMENTS.—Section 1062
6 of title 10, United States Code, is further amend-
7 ed—

8 (A) by striking “commissary and exchange
9 privileges” and inserting “use commissary
10 stores and MWR retail facilities”; and

11 (B) by adding at the end the following new
12 subsection:

13 “(c) MWR RETAIL FACILITIES.—The term ‘MWR
14 retail facilities’ has the meaning given that term in section
15 1063(e) of this title.”.

16 (3) CLERICAL AMENDMENTS.—

17 (A) SECTION HEADING.—The heading of
18 section 1062 of title 10, United States Code, is
19 amended to read as follows:

20 “§ 1062. **Certain former spouses and surviving**
21 **spouses”.**

22 (B) TABLE OF SECTIONS.—The table of
23 sections at the beginning of chapter 54 of title
24 10, United States Code, is amended by striking

1 the item relating to section 1062 and inserting
2 the following new item:

“1062. Certain former spouses and surviving spouses.”.

3 **SEC. 622 . TRANSPORTATION ON MILITARY AIRCRAFT ON A**
4 **SPACE-AVAILABLE BASIS FOR DISABLED VET-**
5 **ERANS WITH A SERVICE-CONNECTED, PER-**
6 **MANENT DISABILITY RATED AS TOTAL.**

7 (a) AVAILABILITY OF TRANSPORTATION.—Section
8 2641b of title 10, United States Code, is amended—

9 (1) by redesignating subsection (f) as sub-
10 section (g); and

11 (2) by inserting after subsection (e) the fol-
12 lowing new subsection (f):

13 “(f) SPECIAL PRIORITY FOR CERTAIN DISABLED
14 VETERANS.—(1) The Secretary of Defense shall provide
15 transportation on scheduled and unscheduled military
16 flights within the continental United States and on sched-
17 uled overseas flights operated by the Air Mobility Com-
18 mand on a space-available basis for any veteran with a
19 service-connected, permanent disability rated as total on
20 the same basis as such transportation is provided to mem-
21 bers of the armed forces entitled to retired or retainer pay.

22 “(2) The transportation priority required by para-
23 graph (1) for veterans described in such paragraph applies
24 whether or not the Secretary establishes the travel pro-
25 gram authorized by this section.

1 “(3) In this subsection, the terms ‘veteran’ and ‘serv-
2 ice-connected’ have the meanings given those terms in sec-
3 tion 101 of title 38.”.

4 (b) **EFFECTIVE DATE.**—Subsection (f) of section
5 2641b of title 10, United States Code, as added by sub-
6 section (a), shall take effect at the end of the 90-day pe-
7 riod beginning on the date of the enactment of this Act.

8 **SEC. 623 . EXTENSION OF PARKING EXPENSES ALLOWANCE**
9 **TO CIVILIAN EMPLOYEES AT RECRUITING FA-**
10 **CILITIES.**

11 Section 481i(b)(1) of title 37, United States Code,
12 is amended by striking “as a recruiter for any” and insert-
13 ing “at a recruiting facility”.

14 **SEC. 624 . ADVISORY BOARDS REGARDING MILITARY COM-**
15 **MISSARIES AND EXCHANGES.**

16 The Secretary of Defense shall direct each com-
17 manding officer of a military base on which there is a mili-
18 tary commissary or exchange to establish an advisory
19 board, comprised of representatives of military or veterans
20 service organizations, to advise the commanding officer re-
21 garding the interests of patrons and beneficiaries of mili-
22 tary commissaries and exchanges.

1 **SEC. 625 . STUDY AND REPORT ON DEVELOPMENT OF A**
2 **SINGLE DEFENSE RESALE SYSTEM.**

3 (a) STUDY.—The Secretary of Defense shall conduct
4 a study to determine the feasibility of consolidating the
5 military resale entities into a single defense resale system.

6 Such study shall include the following:

7 (1) A financial assessment of consolidation of
8 the military resale entities.

9 (2) A business case analysis of consolidation of
10 the military resale entities.

11 (3) Organizational, operational, and business
12 model integration plans for consolidation of the mili-
13 tary resale entities.

14 (4) Determinations of which back-office proc-
15 esses and systems associated with finance and pay-
16 ment processing technologies the Secretary could
17 convert to common technologies.

18 (b) REPORT.—Not later than January 1, 2019, the
19 Secretary shall submit a report to the congressional de-
20 fense committees regarding the study under subsection

21 (a). That report shall contain the following:

22 (1) Details of the internal and external organi-
23 zational structures of a consolidated defense resale
24 system.

1 (2) Recommendations of the Secretaries of each
2 of the military departments regarding the plan to
3 consolidate the military resale entities.

4 (3) The costs and associated plan for the merg-
5 er of technologies or implementation of new tech-
6 nology from a third-party provider to standardize fi-
7 nancial management and accounting processes of a
8 consolidated defense resale system.

9 (4) Best practices to maximize reductions in
10 costs associated with back-office retail payment
11 processing for a consolidated defense resale system.

12 (5) A timeline for converting the Defense Com-
13 missary Agency into a non-appropriated fund instru-
14 mentality under section 2484(j) of title 10, United
15 States Code.

16 (6) A determination whether the business case
17 analysis supports consolidation of the military resale
18 entities.

19 (7) Recommendations of the Secretary for legis-
20 lation related to consolidation of the military resale
21 entities.

22 (8) Other elements the Secretary determines
23 are necessary for a successful evaluation of a con-
24 solidation of the military resale entities.

1 (c) PROHIBITION ON USE OF FUNDS.—None of the
2 amounts authorized to be appropriated or otherwise made
3 available in this Act may be obligated or expended for the
4 purpose of implementing consolidation of the military re-
5 sale entities until October 1, 2019.

6 (d) MILITARY RESALE ENTITIES DEFINED.—In this
7 section the term “military resale entities” means—

- 8 (1) the Defense Commissary Agency;
9 (2) the Army and Air Force Exchange Service;
10 (3) the Navy Exchange; and
11 (4) the Marine Corps Exchange.

12 **TITLE VII—HEALTH CARE**
13 **PROVISIONS**

14 **Subtitle A—TRICARE and Other**
15 **Health Care Benefits**

16 **SEC. 701. TRICARE MEDICARE ADVANTAGE DEMONSTRATION PROGRAM.**
17

18 (a) ESTABLISHMENT.—

19 (1) IN GENERAL.—Not later than two years
20 after the date of the enactment of this Act, the Sec-
21 retary of Defense, in consultation with the Secretary
22 of Health and Human Services, shall carry out a
23 demonstration program under which, notwith-
24 standing section 1851(c)(3) of the Social Security
25 Act (42 U.S.C. 1395w–21(c)(3)), each covered indi-

1 vidual is deemed, unless the individual (in accord-
2 ance with a process specified by the Secretaries)
3 elects otherwise, to have elected to receive benefits
4 under title XVIII of such Act (42 U.S.C. 1395 et
5 seq.) through a participating MA plan, with respect
6 to the military health system region involved, (and
7 shall be enrolled in such plan) for each plan year
8 during which such demonstration program is carried
9 out. In carrying out the demonstration program, the
10 Secretary shall ensure that a covered individual who
11 is enrolled in an MA plan in a military health sys-
12 tem region selected under paragraph (3) that is not
13 a participating MA plan may remain in such non-
14 participating MA plan without making an election
15 through such process specified in the previous sen-
16 tence.

17 (2) DURATION.—Subject to subsection (d), the
18 demonstration program established under paragraph
19 (1) shall be carried out for a period of not less than
20 two plan years.

21 (b) PARTICIPATING MA PLANS.—

22 (1) DEFINITION.—For purposes of this section,
23 the term “participating MA plan” means, with re-
24 spect to a military health system region selected
25 under paragraph (3) and a plan year beginning dur-

1 ing the period during which the demonstration
2 project is carried out, an eligible Medicare Advan-
3 tage plan that enters into a contract under para-
4 graph (2) with the Secretary of Defense to partici-
5 pate in the demonstration program under this sec-
6 tion for such plan year.

7 (2) SELECTION OF PLANS.—

8 (A) IN GENERAL.—The Secretary shall,
9 after consultation with the TRICARE managed
10 care support contractor in each military health
11 system region selected under paragraph (3) and
12 with respect to each plan year beginning the pe-
13 riod during which such demonstration program
14 is carried out, enter into a contract with one or
15 more eligible Medicare Advantage plans de-
16 scribed in subparagraph (B) to participate in
17 the demonstration program for such plan year,
18 with respect to such military health system re-
19 gion. Under such contract, the Medicare Advan-
20 tage organization offering such plan, with re-
21 spect to such military health system region,
22 shall agree to provide coverage under such plan
23 to all covered individuals residing in such region
24 during such plan year.

1 (B) ELIGIBLE MEDICARE ADVANTAGE
2 PLAN.—For purposes of this section, an eligible
3 Medicare Advantage plan, with respect to a
4 military health system region selected under
5 paragraph (3), is an MA plan that satisfies the
6 following conditions, with respect to a plan year
7 beginning during the period during which the
8 demonstration program is carried out:

9 (i) The Medicare Advantage organiza-
10 tion offering the plan has in effect a con-
11 tract with the Secretary of Health and
12 Human Services under section 1857 of the
13 Social Security Act (42 U.S.C. 1395w–27)
14 for offering such plan to MA eligible indi-
15 viduals in such military health system re-
16 gion with respect to such plan year.

17 (ii) The plan is, or is treated as, a
18 qualifying plan under section 1853(o)(3) of
19 such Act (42 U.S.C. 1395w–23(o)(3)),
20 with respect to such plan year.

21 (3) SELECTION OF MILITARY HEALTH SYSTEM
22 REGIONS.—The Secretary shall select two military
23 health system regions in which to carry out the dem-
24 onstration program, one from each TRICARE man-
25 aged care support contractor region. Each such re-

1 gion shall have a large concentration of beneficiaries
2 eligible for TRICARE for Life.

3 (c) COSTS OF PROGRAM.—

4 (1) DEPARTMENT OF DEFENSE.—The Sec-
5 retary shall bear the costs to the Department of De-
6 fense and realize any potential savings to the De-
7 partment that result from the demonstration pro-
8 gram.

9 (2) COST NEUTRALITY.—The costs paid under
10 the demonstration program by the United States to
11 the participating Medicare Advantage plans, and the
12 costs paid by the United States pursuant to
13 TRICARE for Life, for the period of the demonstra-
14 tion program, with respect to covered individuals en-
15 rolled in such plans during such period, may not ex-
16 ceed the estimated costs that would have been paid
17 by the United States during such period for pro-
18 viding health care benefits to such individuals
19 through the original Medicare fee-for-service pro-
20 gram under parts A and B of title XVIII of the So-
21 cial Security Act and TRICARE for Life, as ad-
22 justed to account for the age, location, and health
23 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 an-
3 nually 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 indi-
23 viduals who opted out of such enrollment
24 in 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
4 the demonstration program that have
5 reached the limit on out-of-pocket expendi-
6 tures applied under the respective plan.

7 (B) A certification that the access stand-
8 ards for the TRICARE program are met in the
9 Medicare Advantage plans selected under sub-
10 section (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
19 (42 U.S.C. 1395w-23(o)(4)) for such plan year
20 for each participating MA plan.

21 (E) Any recommendations by the Secretary
22 with respect to any legislative actions to im-
23 prove the demonstration program.

24 (e) REPORT.—Not later than three years after the
25 date of the enactment of this Act, the Secretary shall sub-

1 mit to the appropriate congressional committees a report
2 providing a comprehensive assessment of the demonstra-
3 tion program.

4 (f) REGULATIONS.—

5 (1) IN GENERAL.—The Secretary may prescribe
6 regulations to expeditiously implement the dem-
7 onstration 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
21 of the House of Representatives; and

22 (B) the Committees on Armed Services,
23 Finance, and Health, Education, Labor, and
24 Pensions 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 sec-
14 tion 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”
20 means a health plan under part C of title XVIII of
21 the Social Security Act (42 U.S.C. 1395w-21 et
22 seq.).

23 (5) The term “plan year” has the meaning
24 given such term for purposes of such part.

1 (6) The term “Secretary” means the Secretary
2 of Defense.

3 (7) The terms “TRICARE program” and
4 “TRICARE for Life” have the meanings given those
5 terms in section 1072 of title 10, United States
6 Code.

7 **SEC. 702. PILOT PROGRAM ON TREATMENT OF MEMBERS**
8 **OF THE ARMED FORCES FOR POST-TRAU-**
9 **MATIC STRESS DISORDER RELATED TO MILI-**
10 **TARY SEXUAL TRAUMA.**

11 (a) IN GENERAL.—The Secretary of Defense may
12 carry out a pilot program to assess the feasibility and ad-
13 visability of using intensive outpatient programs to treat
14 members of the Armed Forces suffering from post-trau-
15 matic stress disorder resulting from military sexual trau-
16 ma, including treatment for substance abuse, depression,
17 and other issues related to such conditions.

18 (b) DISCHARGE THROUGH PARTNERSHIPS.—The
19 pilot program authorized by subsection (a) shall be carried
20 out through partnerships with public, private, and non-
21 profit health care organizations and institutions that—

22 (1) provide health care to members of the
23 Armed Forces;

24 (2) provide evidence-based treatment for psy-
25 chological and neurological conditions that are com-

1 mon among members of the Armed Forces, includ-
2 ing post-traumatic stress disorder, traumatic brain
3 injury, substance abuse, and depression;

4 (3) provide health care, support, and other ben-
5 efits to family members of members of the Armed
6 Forces; and

7 (4) provide health care under the TRICARE
8 program (as that term is defined in section 1072 of
9 title 10, United States Code).

10 (c) PROGRAM ACTIVITIES.—Each organization or in-
11 stitution that participates in a partnership under the pilot
12 program authorized by subsection (a) shall—

13 (1) carry out intensive outpatient programs of
14 short duration to treat members of the Armed
15 Forces suffering from post-traumatic stress disorder
16 resulting from military sexual trauma, including
17 treatment for substance abuse, depression, and other
18 issues related to such conditions;

19 (2) use evidence-based and evidence-informed
20 treatment strategies in carrying out such programs;

21 (3) share clinical and outreach best practices
22 with other organizations and institutions partici-
23 pating in the pilot program; and

24 (4) annually assess outcomes for members of
25 the Armed Forces individually and among the orga-

1 nizations and institutions participating in the pilot
2 program with respect to the treatment of conditions
3 described in paragraph (1).

4 (d) EVALUATION METRICS.—Before commencement
5 of the pilot program, the Secretary shall establish metrics
6 to be used to evaluate the effectiveness of the pilot pro-
7 gram and the activities under the pilot program.

8 (e) REPORTS.—

9 (1) INITIAL REPORT.—Not later than 180 days
10 after the date of the enactment of this Act, the Sec-
11 retary shall submit to the Committees on Armed
12 Services of the Senate and the House of Representa-
13 tives a report on the pilot program authorized by
14 subsection (a). The report shall include a description
15 of the pilot program and such other matters on the
16 pilot program as the Secretary considers appro-
17 priate.

18 (2) FINAL REPORT.—Not later than 180 days
19 after the cessation of the pilot program under sub-
20 section (f), the Secretary shall submit to the com-
21 mittees of Congress referred to in paragraph (1) a
22 report on the pilot program. The report shall include
23 the following:

1 (A) A description of the pilot program, in-
2 cluding the partnership under the pilot program
3 as described in subsection (b).

4 (B) An assessment of the effectiveness of
5 the pilot program and the activities under the
6 pilot program.

7 (C) Such recommendations for legislative
8 or administrative action as the Secretary con-
9 sider appropriate in light of the pilot program,
10 including recommendations for extension or
11 making permanent the authority for the pilot
12 program.

13 (f) TERMINATION.—The Secretary may not carry out
14 the pilot program authorized by subsection (a) after the
15 date that is three years after the date of the enactment
16 of this Act.

17 **SEC. 703. PILOT PROGRAM ON CRYOPRESERVATION AND**
18 **STORAGE.**

19 (a) IN GENERAL.—The Secretary of Defense shall es-
20 tablish a pilot program to provide not greater than 1,000
21 members of the Armed Forces on active duty in the Armed
22 Forces with the opportunity to cryopreserve and store
23 their gametes prior to deployment to a combat zone.

24 (b) PERIOD OF TIME.—

1 (1) IN GENERAL.—The Secretary shall provide
2 for the cryopreservation and storage of gametes of
3 a participating member of the Armed Forces under
4 subsection (a), at no cost to the member, in a facil-
5 ity of the Department of Defense or of a private en-
6 tity pursuant to a contract under subsection (d)
7 until the date that is one year after the retirement,
8 separation, or release of the member from the
9 Armed Forces.

10 (2) CONTINUED CRYOPRESERVATION AND
11 STORAGE.—At the end of the one-year period speci-
12 fied in paragraph (1), the Secretary shall permit an
13 individual whose gametes were cryopreserved and
14 stored in a facility of the Department as described
15 in that paragraph to select, including pursuant to an
16 advance medical directive or military testamentary
17 instrument completed under subsection (c), one of
18 the following options:

19 (A) To continue such cryopreservation and
20 storage in such facility with the cost of such
21 cryopreservation and storage borne by the indi-
22 vidual.

23 (B) To transfer the gametes to a private
24 cryopreservation and storage facility selected by
25 the individual.

1 (3) DISPOSAL OF GAMETES.—If an individual
2 described in paragraph (2) does not make a selection
3 under subparagraph (A) or (B) of such paragraph,
4 the Secretary may dispose of the gametes of the in-
5 dividual not earlier than the date that is 90 days
6 after the end of the one-year period specified in
7 paragraph (1) with respect to the individual.

8 (c) ADVANCE MEDICAL DIRECTIVE AND MILITARY
9 TESTAMENTARY INSTRUMENT.—A member of the Armed
10 Forces who elects to cryopreserve and store their gametes
11 under this section must complete an advance medical di-
12 rective, as defined in section 1044c(b) of title 10, United
13 States Code, and a military testamentary instrument, as
14 defined in section 1044d(b) of such title, that explicitly
15 specifies the use of their cryopreserved and stored gametes
16 if such member dies or otherwise loses the capacity to con-
17 sent to the use of their cryopreserved and stored gametes.

18 (d) AGREEMENTS.—To carry out this section, the
19 Secretary may enter into agreements with private entities
20 that provide cryopreservation and storage services for
21 gametes.

**Subtitle B—Health Care
Administration**

**SEC. 711. TRANSITION OF ADMINISTRATION BY DEFENSE
HEALTH AGENCY OF MILITARY MEDICAL
TREATMENT FACILITIES.**

Section 1073c(a) of title 10, United States Code, is amended—

(1) in paragraph (1), by striking “Beginning October 1, 2018,” and inserting “In accordance with paragraph (3), by not later than September 30, 2020,”;

(2) by redesignating paragraphs (3) and (4) as paragraphs (4) and (5), respectively;

(3) by inserting after paragraph (2) the following new paragraph (3):

“(3)(A) The Secretary of Defense shall establish a timeline to ensure that each Secretary of a military department transitions the administration of military medical treatment facilities from the respective Secretary to the Director of the Defense Health Agency pursuant to paragraph (1) by the date specified in such paragraph.

“(B) In carrying out this subsection, and in addition to the requirements under section 1073d(e) of this title, the Secretary of Defense may not close any military medical treatment facility, limit the health services provided

1 by a military medical treatment facility, or take any action
2 to begin such a closure or limitation, until the date on
3 which the Secretary submits to the congressional defense
4 committees a report containing the following:

5 “(i) A certification that each Secretary of a
6 military department has completed the transition of
7 the administration of each military medical treat-
8 ment facility from the respective Secretary to the
9 Director of the Defense Health Agency pursuant to
10 paragraph (1).

11 “(ii) A description of the metrics used by the
12 Secretary of Defense to ensure that such transition
13 is completed.

14 “(iii) A description of a cohesive headquarters
15 structure that delineates the roles and responsibil-
16 ities for each military department, the Joint Staff
17 Surgeon, and the Defense Health Agency.

18 “(C) Not later than January 31, 2019, and every six
19 months thereafter through September 30, 2020, the Di-
20 rector of the Defense Health Agency shall provide a brief-
21 ing to the congressional defense committees on the
22 progress of the transition under this paragraph.”; and

23 (4) in paragraph (3), as so redesignated, by
24 striking “subsection (a)” and inserting “paragraph
25 (1)”.

1 **SEC. 712. SHARING INFORMATION WITH STATE PRESCRIP-**
2 **TION DRUG MONITORING PROGRAMS.**

3 (a) ESTABLISHMENT.—Section 1074g of title 10,
4 United States Code, is amended—

5 (1) by redesignating subsections (g) and (h) as
6 subsections (h) and (i), respectively; and

7 (2) by inserting after subsection (f) the fol-
8 lowing new subsection:

9 “(g) SHARING INFORMATION WITH STATE PRE-
10 SCRIPTON DRUG MONITORING PROGRAMS.—(1) The Sec-
11 retary shall establish and operate a prescription drug mon-
12 itoring program (to be known as the Military Health Sys-
13 tem Prescription Drug Monitoring Program) for prescrip-
14 tion drugs provided through facilities of the uniformed
15 services.

16 “(2) The Secretary shall ensure that the program es-
17 tablished under paragraph (1)—

18 “(A) is comparable to prescription drug moni-
19 toring programs operated by States; and

20 “(B) covers prescription drugs provided under
21 the pharmacy benefits program that are controlled
22 substances.

23 “(3)(A) In carrying out the program established
24 under paragraph (1), the Secretary shall establish appro-
25 priate procedures for sharing between the program and
26 State prescription drug monitoring programs patient-spe-

1 cific information regarding prescription drugs that are
2 controlled substances to prevent the misuse and diversion
3 of opioid medications and other controlled substances.

4 “(B) For purposes of the regulations promulgated
5 under section 264(c) of the Health Insurance Portability
6 and Accountability Act of 1996 (Public Law 104–191; 42
7 U.S.C. 1320d–2 note), any disclosure of patient-specific
8 information by the Secretary under subparagraph (A)
9 shall be treated as a permitted disclosure.

10 “(C) The Secretary shall include in the procedures
11 established under subparagraph (A) appropriate safe-
12 guards, as determined by the Secretary, concerning the
13 cybersecurity of information systems of the Department
14 of Defense systems and the operational security of per-
15 sonnel of the Department.

16 “(4) In this subsection, the term ‘controlled sub-
17 stance’ has the meaning given that term in section 102
18 of the Controlled Substances Act (21 U.S.C. 802).”.

19 (b) BRIEFING.—Not later than one year after the
20 date of the enactment of this Act, the Secretary of Defense
21 shall provide to the Committees on Armed Services of the
22 House of Representatives and the Senate a briefing on the
23 implementation of the program established under section
24 1074g(g) of title 10, United States Code, as added by sub-
25 section (a).

1 (c) CONFORMING AMENDMENTS.—

2 (1) TITLE 10, UNITED STATES CODE.—Section
3 1079(q) of title 10, United States Code, is amended
4 by striking “section 1074g(g)” and inserting “sec-
5 tion 1074g(h)”.

6 (2) FY16 NDAA.—Section 715(e)(2) of the Na-
7 tional Defense Authorization Act for Fiscal Year
8 2016 (Public Law 114–92; 10 U.S.C. 1074g note)
9 is amended by striking “section 1074g(g)” and in-
10 serting “section 1074g(h)”.

11 (3) FY17 NDAA.—Section 745(b) of the Na-
12 tional Defense Authorization Act for Fiscal Year
13 2017 (Public Law 114–328; 10 U.S.C. 1074 note)
14 is amended by striking “section 1074g(g)” and in-
15 serting “section 1074g(h)”.

16 **SEC. 713. IMPROVEMENT TO NOTIFICATION TO CONGRESS**
17 **OF HOSPITALIZATION OF COMBAT-WOUNDED**
18 **MEMBERS OF THE ARMED FORCES.**

19 Section 1074l(a) of title 10, United States Code, is
20 amended by striking “admitted to a military treatment fa-
21 cility within the United States” and inserting “admitted
22 to any military medical treatment facility”.

1 **SEC. 714. IMPROVEMENTS TO TRAUMA CENTER PARTNER-**
2 **SHIPS.**

3 Section 708(c) of the National Defense Authorization
4 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.
5 1071 note) is amended—

6 (1) in paragraph (1), by striking “large metro-
7 politan teaching hospitals that have level I civilian”;

8 (2) in paragraph (2)—

9 (A) by striking “with civilian academic
10 medical centers and large metropolitan teaching
11 hospitals”; and

12 (B) by striking “the trauma centers of the
13 medical centers and hospitals” and inserting
14 “trauma centers”; and

15 (3) in paragraph (3), by striking “large metro-
16 politan teaching hospitals” and inserting “trauma
17 centers”.

18 **SEC. 715. WOUNDED WARRIOR POLICY REVIEW.**

19 (a) IN GENERAL.—Not later than 180 days after the
20 date of the enactment of this Act, the Secretary of Defense
21 shall review and update policies and procedures relating
22 to the care and management of recovering service mem-
23 bers. In conducting such review, the Secretary shall con-
24 sider best practices—

25 (1) in the care of recovering service members;

1 (2) in the administrative management relating
2 to such care;

3 (3) to carry out applicable provisions of Federal
4 law; and

5 (4) recommended by the Comptroller General of
6 the United States in the report titled “Army Needs
7 to Improve Oversight of Warrior Transition Units”.

8 (b) SCOPE OF POLICY.—In carrying out subsection
9 (a), the Secretary shall update policies of the Department
10 of Defense with respect to each of the following:

11 (1) The case management coordination of mem-
12 bers of the Armed Forces between the military de-
13 partments and the military medical treatment facili-
14 ties administered by the Director of the Defense
15 Health Agency pursuant to section 1073c of title 10,
16 United States Code, including with respect to the co-
17 ordination of—

18 (A) appointments;

19 (B) rehabilitative services;

20 (C) recuperation in an outpatient status;

21 (D) contract care provided by a private
22 health care provider outside of a military med-
23 ical treatment facility;

24 (E) the disability evaluation system; and

1 (F) other administrative functions relating
2 to the military department.

3 (2) The transition of a member of the Armed
4 Forces who is retired under chapter 61 of title 10,
5 United States Code, from receiving treatment fur-
6 nished by the Secretary of Defense to treatment fur-
7 nished by the Secretary of Veterans Affairs.

8 (3) Facility standards related to lodging and
9 accommodations for recovering service members and
10 the family members and non-medical attendants of
11 such recovering service members.

12 (c) REPORT.—Not later than one year after the date
13 of the enactment of this Act, the Secretary of Defense and
14 Secretaries of the military departments shall jointly sub-
15 mit to the Committees on Armed Services of the Senate
16 and House of Representatives a report on the review con-
17 ducted under subsection (a), including a description of the
18 policies updated pursuant to subsection (b).

19 (d) DEFINITIONS.—In this section, the terms “dis-
20 ability evaluation system”, “outpatient status”, and “re-
21 covering service members” have the meaning given those
22 terms in section 1602 of the Wounded Warrior Act (title
23 XVI of Public Law 110–181; 10 U.S.C. 1071 note).

1 **SEC. 716. JOINT FORCE MEDICAL CAPABILITIES DEVELOP-**
2 **MENT AND STANDARDIZATION.**

3 (a) DEVELOPMENT.—The Secretary of Defense, in
4 coordination with the Secretaries of the military depart-
5 ments and the Chairman of the Joint Chiefs of Staff, shall
6 develop a process to establish required joint medical capa-
7 bilities for members of the Armed Forces that meet the
8 operational planning requirements of the combatant com-
9 mands.

10 (b) PROCESS.—The process developed under sub-
11 section (a) shall include—

12 (1) the development of a joint medical estimate
13 to determine the medical requirements for treating
14 members of the Armed Forces who are wounded, ill,
15 or injured during military operations, including with
16 respect to environmental health and force health
17 protection.

18 (2) a process to review and revise military
19 health related mission essential tasks that are
20 aligned with health professional knowledge, skills,
21 and abilities; and

22 (3) a process to standardize the interoperability
23 of medical equipment and capabilities to the greatest
24 extent practicable to support the joint force.

25 (c) REPORT.—Not later than March 1, 2019, the
26 Secretary of Defense shall submit to the Committees on

1 Armed Services of the Senate and House of Representa-
2 tives a report describing the process developed under sub-
3 section (a).

4 **Subtitle C—Reports and Other**
5 **Matters**

6 **SEC. 721. ESTABLISHMENT OF TRISERVICE DENTAL RE-**
7 **SEARCH PROGRAM.**

8 (a) IN GENERAL.—Chapter 104 of title 10, United
9 States Code, is amended by adding at the end the fol-
10 lowing new section:

11 **“§ 2117. Military dental research**

12 “(a) DEFINITIONS.—In this section:

13 “(1) The term ‘military dental research’ means
14 research on the furnishing of care and services by
15 dentists in the armed forces.

16 “(2) The term ‘TriService Dental Research
17 Program’ means the program of military dental re-
18 search authorized under this section.

19 “(b) PROGRAM AUTHORIZED.—The Secretary of De-
20 fense may establish at the University a program of mili-
21 tary dental research.

22 “(c) TRISERVICE RESEARCH GROUP.—The
23 TriService Dental Research Program shall be adminis-
24 tered by a TriService Dental Research Group composed
25 of Army, Navy, and Air Force dentists who are involved

1 in military dental research and are designated by the Sec-
2 retary concerned to serve as members of the group.

3 “(d) DUTIES OF GROUP.—The TriService Dental Re-
4 search Group shall—

5 “(1) develop for the Department of Defense
6 recommended guidelines for requesting, reviewing,
7 and funding proposed military dental research
8 projects; and

9 “(2) make available to Army, Navy, and Air
10 Force dentists and Department of Defense officials
11 concerned with military dental research—

12 “(A) information about dental research
13 projects that are being developed or carried out
14 in the Army, Navy, and Air Force; and

15 “(B) expertise and information beneficial
16 to the encouragement of meaningful dental re-
17 search.

18 “(e) RESEARCH TOPICS.—For purposes of this sec-
19 tion, military dental research includes research on the fol-
20 lowing issues:

21 “(1) Issues regarding how to improve the re-
22 sults of dental care and services provided in the
23 armed forces in time of peace.

1 “(2) Issues regarding how to improve the re-
2 sults of dental care and services provided in the
3 armed forces in time of war.

4 “(3) Issues regarding how to improve methods
5 of training dental personnel.”.

6 (b) CLERICAL AMENDMENT.—The table of sections
7 at the beginning of such chapter is amended by inserting
8 after the item relating to section 2116 the following new
9 section:

“2117. Military dental research.”.

10 **SEC. 722. INCREASING THE NUMBER OF APPOINTED DIREC-**
11 **TORS OF THE HENRY M. JACKSON FOUNDA-**
12 **TION FOR THE ADVANCEMENT OF MILITARY**
13 **MEDICINE.**

14 Section 178(c)(1)(C) of title 10, United States Code,
15 is amended to read as follows:

16 “(C) six members appointed by the ex offi-
17 cio members of the Council designated in sub-
18 paragraphs (A) and (B).”.

19 **SEC. 723. EXTENSION OF AUTHORITY FOR JOINT DEPART-**
20 **MENT OF DEFENSE- DEPARTMENT OF VET-**
21 **ERANS AFFAIRS MEDICAL FACILITY DEM-**
22 **ONSTRATION FUND.**

23 Section 1704(e) of the National Defense Authoriza-
24 tion Act for Fiscal Year 2010 (Public Law 111–84; 123
25 Stat. 2573), as most recently amended by section 719 of

1 the National Defense Authorization Act for Fiscal Year
2 2018 (Public Law 115–91; 131 Stat. 1440), is further
3 amended by striking “September 30, 2019” and inserting
4 “September 30, 2020”.

5 **SEC. 724. INCLUSION OF GAMBLING DISORDER IN HEALTH**
6 **ASSESSMENTS AND RELATED RESEARCH EF-**
7 **FORTS OF THE DEPARTMENT OF DEFENSE.**

8 (a) ANNUAL PERIODIC HEALTH ASSESSMENT.—The
9 Secretary of Defense shall incorporate medical screening
10 questions specific to gambling disorder into annual peri-
11 odic health assessments conducted by the Department of
12 Defense for members of the Armed Forces.

13 (b) RESEARCH EFFORTS.—The Secretary shall incor-
14 porate into ongoing research efforts of the Department
15 questions on gambling disorder, as appropriate, including
16 by restoring such questions into the Health Related Be-
17 haviors Survey of Active Duty Military Personnel.

18 **SEC. 725. MEDICAL SIMULATION TECHNOLOGY AND LIVE**
19 **TISSUE TRAINING WITHIN THE DEPARTMENT**
20 **OF DEFENSE.**

21 (a) IN GENERAL.—

22 (1) USE OF SIMULATION TECHNOLOGY.—Ex-
23 cept as provided by paragraph (2), the Secretary of
24 Defense shall use medical simulation technology be-
25 fore the use of live tissue training to train medical

1 professionals and combat medics of the Department
2 of Defense.

3 (2) DETERMINATION.— The use of live tissue
4 training within the Department of Defense may be
5 used as determined necessary by the medical chain
6 of command.

7 (b) BRIEFING.—Not later than 180 days after the
8 date of the enactment of this Act, the Secretary of De-
9 fense, in consultation with the Chairman of the Joint
10 Chiefs of Staff and the Secretaries of the military depart-
11 ments, shall provide a briefing to the Committees on
12 Armed Services of the House of Representatives and the
13 Senate on the use and benefit of medical simulation tech-
14 nology and live tissue training within the Department of
15 Defense to train medical professionals, combat medics,
16 and members of the Special Operations Forces.

17 (c) ELEMENTS.—The briefing under subsection (b)
18 shall include the following:

19 (1) A discussion of the benefits and needs of
20 both medical simulation technology and live tissue
21 training.

22 (2) Ways and means to enhance and advance
23 the use of simulation technologies in training.

24 (3) An assessment of current medical simula-
25 tion technology requirements, gaps, and limitations.

1 (4) An overview of Department of Defense med-
2 ical training programs, as of the date of the briefing,
3 that use live tissue training and medical simulation
4 technologies.

5 (5) Any other matters the Secretary determines
6 appropriate.

7 **SEC. 726. LIMITATION ON CHANGES TO FEDERAL EMER-**
8 **GENCY SERVICES CERTIFICATION LEVELS OF**
9 **THE AIR FORCE.**

10 The Secretary of the Air Force may not transition
11 Federal Emergency Services certification levels from
12 Emergency Management Technician level to Emergency
13 Medical Responder level until the Secretary submits to the
14 congressional defense committees a report that contains
15 the following:

16 (1) Details on the process and factors the Air
17 Force Emergency Medical Services Working Group
18 used and considered to determine which military in-
19 stallations would be required to transition Federal
20 Emergency Services certification levels from Emer-
21 gency Medical Technician level to Emergency Med-
22 ical Responder level.

23 (2) The required base and community emer-
24 gency response standards the Air Force Emergency
25 Medical Services Working Group based such transi-

1 tion on, including information on where these stand-
2 ards are defined and how these standards were de-
3 veloped.

4 (3) Information on how the Air Force will meet
5 the needs of trench rescue, water rescue, high angle
6 rescue, and confined space rescue pursuant to De-
7 partment of Defense Instructions with less Emer-
8 gency Management Technician certified personnel.

9 (4) Information on the required response time
10 standard for advanced life support and how the Air
11 Force Emergency Medical Services Working Group
12 determined a military installation could meet this
13 standard.

14 (5) Details on any contingency plans the Air
15 Force has developed when basic and advance life
16 support care and ambulance transport are unavail-
17 able as a result of these resources being used to
18 transport patients to medical facilities located off the
19 military installation.

20 **SEC. 727. STRATEGIC MEDICAL RESEARCH PLAN.**

21 (a) PLAN.—Not later than 30 days after the date on
22 which the budget of the President for fiscal year 2020 is
23 submitted to Congress pursuant to section 1105 of title
24 31, United States Code, the Secretary of Defense, in con-
25 sultation with the Secretaries of the military departments,

1 shall submit to the congressional defense committees a
2 comprehensive strategic medical research plan.

3 (b) MATTERS INCLUDED.—The plan under sub-
4 section (a) shall include the following:

5 (1) A description of all medical research focus
6 areas of the Department of Defense and a descrip-
7 tion of the coordination process to ensure the focus
8 areas are linked to military readiness, joint force re-
9 quirements, and relevance to individuals eligible for
10 care at military medical treatment facilities or
11 through the TRICARE program.

12 (2) A description of the medical research
13 projects funded under the Defense Health Program
14 account and the projects under the Congressional
15 Directed Medical Research Programs.

16 (3) A description of the process to ensure syn-
17 ergy across the military medical research community
18 to address gaps in military medical research, mini-
19 mize duplication of research, and to promote collabo-
20 ration within research focus areas.

21 (4) A description of the efforts of the Secretary
22 to coordinate with other departments and agencies
23 of the Federal Government to increase awareness of
24 complementary medical research efforts that are
25 being carried out through the Federal Government.

1 **SEC. 728. INDEPENDENT EVALUATION OF MENTAL HEALTH**
2 **CARE.**

3 (a) **IN GENERAL.**—The Secretary of Defense shall
4 seek to enter into an agreement with a federally funded
5 research and development center to evaluate the manage-
6 ment of mental health care by the Defense Health Agency
7 pursuant to section 1073c(a) of title 10, United States
8 Code.

9 (b) **SELECTION.**—The Secretary shall select a feder-
10 ally funded research and development center under sub-
11 section (a) that has expertise and a record of independent,
12 peer-reviewed publications with respect to—

13 (1) behavioral health research; and

14 (2) independent evaluations of mental health
15 programs within the Department of Defense using
16 multidisciplinary methods.

17 (c) **MATTERS INCLUDED.**—The evaluation under sub-
18 section (a) shall include the following:

19 (1) An assessment of the management of men-
20 tal health care by the Defense Health Agency, in-
21 cluding—

22 (A) how mental health care providers will
23 be arranged within the command structure of
24 the Agency; and

25 (B) how mental health care policy and
26 processes will be managed within the Agency.

1 (2) An assessment of the ability of each Sur-
2 geon General of the military departments to main-
3 tain the readiness of the military health workforce to
4 deliver mental health care services operationally in
5 support of deployed forces.

6 (3) An assessment of the coordination of behav-
7 ioral health research efforts across the research con-
8 tinuum.

9 (4) An assessment of the inclusion of evidence-
10 based suicide prevention programs.

11 (5) A description of new processes to accelerate
12 scientific research and delivery of breakthrough
13 therapies for traumatic brain injury, chronic trau-
14 matic encephalopathy, and post-traumatic stress dis-
15 order.

16 (6) Plans to field medical devices approved by
17 the Food and Drug Administration that provide cli-
18 nicians with rapid, accurate assessments of trau-
19 matic brain injury.

20 (d) SUBMISSION.—Not later than April 1, 2019, the
21 Secretary shall submit to the congressional defense com-
22 mittees a report on the evaluation under subsection (a).

1 **SEC. 729. STUDY ON REIMBURSEMENT RATES FOR MENTAL**
2 **HEALTH CARE PROVIDERS UNDER TRICARE**
3 **PRIME AND TRICARE SELECT IN THE EAST**
4 **AND WEST REGIONS OF THE TRICARE PRO-**
5 **GRAM.**

6 (a) STUDY.—The Secretary of Defense shall conduct
7 a study assessing the impact of using established rates to
8 reimburse covered mental health care providers on the
9 availability of such providers.

10 (b) ELEMENTS.—The study under subsection (a)
11 shall include the following:

12 (1) An evaluation of—

13 (A) whether there are enough covered men-
14 tal health care providers to adequately serve the
15 beneficiaries under TRICARE Prime and the
16 beneficiaries under TRICARE Select of each lo-
17 cality in the East and West regions of the
18 TRICARE program, including in rural commu-
19 nities in such regions; and

20 (B) whether the requirements under sec-
21 tions 1079 (h)(1) and 1097b of title 10, United
22 States Code, to use established rates to reim-
23 burse covered mental health care providers lim-
24 its the number of covered health care providers
25 serving each locality in the East and West re-

1 gions of the TRICARE program, including in
2 rural communities in such regions.

3 (2) An assessment of the impact of using estab-
4 lished rates to reimburse covered mental health care
5 providers on—

6 (A) the ability of beneficiaries under
7 TRICARE Prime and beneficiaries under
8 TRICARE Select beneficiaries to access appro-
9 priate and timely mental health care in accord-
10 ance with section 199.17 of title 32, Code of
11 Federal Regulations; and

12 (B) the availability of services provided by
13 mental health care providers that are needed by
14 members of the Armed Forces to be medically
15 ready.

16 (3) Information about instances in which the
17 Secretary provided or applied exceptions to estab-
18 lished rates pursuant to sections 1079(h)(2) of title
19 10, United States Code, to increase the number of
20 covered mental health care providers.

21 (4) A description of how the Secretary solicits
22 and collects feedback from covered mental health
23 care providers on established rates.

24 (5) A list of actions the Secretary has taken to
25 address such feedback.

1 (6) Any legislative, regulatory, or policy rec-
2 ommendations that are necessary to improve the
3 overall medical readiness of Armed Forces.

4 (c) REPORT.—Not later than one year after the date
5 of the enactment of this Act, the Secretary shall submit
6 to the Committee on Armed Services of the House of Rep-
7 resentatives and the Committee on the Armed Services of
8 the Senate a report on the results of the study required
9 under subsection (a).

10 (d) BRIEFING.—Not later than 60 days after the date
11 on which the report required under subsection (c) is sub-
12 mitted to the Committee on Armed Services of the House
13 of Representatives and the Committee on Armed Services
14 of the Senate, the Secretary shall provide a briefing to
15 such committees on the results of the study required under
16 subsection (a).

17 (e) COMPTROLLER GENERAL REVIEW AND RE-
18 PORT.—Not later than 180 days after the date on which
19 the report under subsection (c) is submitted to the Com-
20 mittee on Armed Services of the House of Representatives
21 and the Committee on Armed Services of the Senate, the
22 Comptroller General of the United States shall—

23 (1) review the report required under subsection
24 (c); and

1 (2) submit to the Committee on Armed Services
2 of the House of Representatives and the Committee
3 on Armed Services of the Senate an assessment of—

4 (A) whether the results of the study re-
5 quired under subsection (a) are supported by
6 the data and information examined in the study
7 required under subsection (a); and

8 (B) the feasibility of any recommendations
9 identified by the Secretary under subsection
10 (b)(6).

11 (f) DEFINITIONS.—In this section:

12 (1) The term “established rate” means the pay-
13 ment amount determined by the Secretary pursuant
14 to sections 1079(h)(1) and 1097b of title 10, United
15 States Code, and section 199.14 of title 32, Code of
16 Federal Regulations.

17 (2) The term “covered mental health care pro-
18 vider” means a mental health care provider under
19 TRICARE Prime and TRICARE Select in the East
20 and West regions of the TRICARE program.

21 (3) The term “mental health care provider”
22 means a psychiatrist, clinical psychologist, certified
23 psychiatric nurse specialist, certified clinical social
24 worker, certified marriage and family therapist,
25 TRICARE certified mental health counselor, pas-

1 toral counselor under the supervision of a physician,
2 and supervised mental health counselor under the
3 supervision of a physician.

4 (4) The term locality means a geographic loca-
5 tion—

6 (A) designated as a Prime Service Area
7 under section 199.17(b)(1) of title 32, Code of
8 Federal Regulations; and

9 (B) in which the Secretary entered into a
10 contract under chapter 55 of title 10, United
11 States Code, with a contractor under the
12 TRICARE program to provide health care serv-
13 ices to beneficiaries by TRICARE-authorized ci-
14 vilian health care providers.

15 (5) The terms “TRICARE Prime” and
16 “TRICARE Select” have the meanings given those
17 terms in section 1072 of title 10, United States
18 Code.

1 **TITLE VIII—ACQUISITION POL-**
2 **ICY, ACQUISITION MANAGE-**
3 **MENT, AND RELATED MAT-**
4 **TERS**

5 **Subtitle A—Streamlining of De-**
6 **fense Acquisition Statutes and**
7 **Regulations**

8 **SEC. 800. EFFECTIVE DATES; COORDINATION OF AMEND-**
9 **MENTS.**

10 (a) EFFECTIVE DATES.—

11 (1) PARTS I AND II.—Parts I and II of this
12 subtitle, and the redesignations and amendments
13 made by such parts, shall take effect on February
14 1, 2020.

15 (2) PART III.—Part III of this subtitle shall
16 take effect on the date of the enactment of this Act.

17 (b) COORDINATION OF AMENDMENTS.—The redes-
18 ignations and amendments made by part II of this subtitle
19 shall be executed—

20 (1) before the amendments made by part I of
21 this subtitle; and

22 (2) after any amendments made by any other
23 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
6 States Code, is amended by adding at the end the fol-
7 lowing new 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 Serv- ices	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 Eval- uation	4451

“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING

“341. Contracting for Performance of Civilian Commercial or Indus- trial 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 Pro- gram	4881

1 **“Subpart A—General**

2 **“CHAPTER 201—DEFINITIONS**

3 **“SEC. 3001. [RESERVED].**

[Reserved]

4 **“CHAPTER 203—GENERAL MATTERS**

5 **“SEC. 3021. [RESERVED].**

[Reserved]

1 **“CHAPTER 205—DEFENSE ACQUISITION**
2 **SYSTEM**

3 **“SEC. 3051. [RESERVED].**

[Reserved]

4 **“CHAPTER 207—BUDGETING AND**
5 **APPROPRIATIONS MATTERS**

6 **“SEC. 3101. [RESERVED].**

[Reserved]

7 **“CHAPTER 209—OVERSEAS CONTINGENCY**
8 **OPERATIONS**

9 **“SEC. 3151. [RESERVED].**

[Reserved]

10 **“Subpart B—Acquisition Planning**

11 **“CHAPTER 221—PLANNING AND**
12 **SOLICITATION GENERALLY**

13 **“SEC. 3201. [RESERVED].**

[Reserved]

14 **“CHAPTER 223—PLANNING AND SOLICITA-**
15 **TION RELATING TO PARTICULAR**
16 **ITEMS OR SERVICES**

17 **“SEC. 3251. [RESERVED].**

[Reserved]

“Subpart C—Contracting Methods and Contract Types

3 **“CHAPTER 241—AWARDING OF**
4 **CONTRACTS**

5 **“SEC. 3301. [RESERVED].**

[Reserved]

6 **“CHAPTER 243—SPECIFIC TYPES OF**
7 **CONTRACTS**

8 **“SEC. 3351. [RESERVED].**

[Reserved]

9 **“CHAPTER 245—TASK AND DELIVERY**
10 **ORDER CONTRACTS (MULTIPLE**
11 **AWARD CONTRACTS)**

12 **“SEC. 3401. [RESERVED].**

[Reserved]

13 **“CHAPTER 247—ACQUISITION OF**
14 **COMMERCIAL ITEMS**

15 **“SEC. 3451. [RESERVED].**

[Reserved]

16 **“CHAPTER 249—MULTIYEAR CONTRACTS**

17 “SEC. 3501. [RESERVED].

[Reserved]

18 **“CHAPTER 251—SIMPLIFIED ACQUISITION**
19 **PROCEDURES**

20 **“SEC. 3551. [RESERVED].**

[Reserved]

1 **“CHAPTER 253—EMERGENCY AND RAPID**
2 **ACQUISITIONS**

3 **“SEC. 3601. [RESERVED].**

[Reserved]

4 **“CHAPTER 255—CONTRACTING WITH OR**
5 **THROUGH OTHER AGENCIES**

6 **“SEC. 3651. [RESERVED].**

[Reserved]

7 **“Subpart D—General Contracting Requirements**

8 **“CHAPTER 271—TRUTHFUL COST OR**
9 **PRICING DATA**

10 **“SEC. 3701. [RESERVED].**

[Reserved]

11 **“CHAPTER 273—ALLOWABLE COSTS**

12 **“SEC. 3741. [RESERVED].**

[Reserved]

13 **“CHAPTER 275—PROPRIETARY CON-**
14 **TRACTOR DATA AND TECHNICAL DATA**

15 **“SEC. 3771. [RESERVED].**

[Reserved]

16 **“CHAPTER 277—CONTRACT FINANCING**

17 **“SEC. 3801. [RESERVED].**

[Reserved]

1 **“CHAPTER 279—CONTRACTOR AUDITS**
2 **AND ACCOUNTING**

3 **“SEC. 3841. [RESERVED].**

[Reserved]

4 **“CHAPTER 281—CLAIMS AND DISPUTES**

5 **“SEC. 3861. [RESERVED].**

[Reserved]

6 **“CHAPTER 283—FOREIGN ACQUISITIONS**

7 **“SEC. 3881. [RESERVED].**

[Reserved]

8 **“CHAPTER 285—SMALL BUSINESS**

9 **PROGRAMS**

10 **“SEC. 3901. [RESERVED].**

[Reserved]

11 **“CHAPTER 287—SOCIOECONOMIC**

12 **PROGRAMS**

13 **“SEC. 3961. [RESERVED].**

[Reserved]

14 **“Subpart E—Special Categories of Contracting:**

15 **Major Defense Acquisition Programs and Major**

16 **Systems**

17 **“CHAPTER 301—MAJOR DEFENSE**

18 **ACQUISITION PROGRAMS**

19 **“SEC. 4001. [RESERVED].**

[Reserved]

1 **“CHAPTER 303—WEAPON SYSTEMS**
2 **DEVELOPMENT AND RELATED MATTERS**

3 **“SEC. 4071. [RESERVED].**

[Reserved]

4 **“CHAPTER 305—OTHER MATTERS**
5 **RELATING TO MAJOR SYSTEMS**

6 **“SEC. 4121. [RESERVED].**

[Reserved]

7 **“Subpart F—Special Categories of Contracting:**
8 **Research, Development, Test, and Evaluation**

9 **“CHAPTER 321—RESEARCH AND**
10 **DEVELOPMENT GENERALLY**

11 **“SEC. 4201. [RESERVED].**

[Reserved]

12 **“CHAPTER 323—INNOVATION**

13 **“SEC. 4301. [RESERVED].**

[Reserved]

14 **“CHAPTER 325—DEPARTMENT OF**
15 **DEFENSE LABORATORIES**

16 **“SEC. 4351. [RESERVED].**

[Reserved]

17 **“CHAPTER 327—RESEARCH AND**
18 **DEVELOPMENT CENTERS AND FACILITIES**

19 **“SEC. 4401. [RESERVED].**

[Reserved]

1 **“CHAPTER 329—OPERATIONAL TEST AND**
2 **EVALUATION; DEVELOPMENTAL TEST**
3 **AND EVALUATION**

4 **“SEC. 4451. [RESERVED].**

[Reserved]

5 **“Subpart G—Other Special Categories Of**
6 **Contracting**

7 **“CHAPTER 341—CONTRACTING FOR PER-**
8 **FORMANCE OF CIVILIAN COMMER-**
9 **CIAL OR INDUSTRIAL TYPE FUNC-**
10 **TIONS**

11 **“SEC. 4501. [RESERVED].**

[Reserved]

12 **“CHAPTER 343—ACQUISITION OF**
13 **SERVICES**

14 **“SEC. 4541. [RESERVED].**

[Reserved]

15 **“CHAPTER 345—ACQUISITION OF**
16 **INFORMATION TECHNOLOGY**

17 **“SEC. 4571. [RESERVED].**

[Reserved]

1 **“Subpart H—Contract Management**

2 **“CHAPTER 361—CONTRACT**

3 **ADMINISTRATION**

4 **“SEC. 4601. [RESERVED].**

[Reserved]

5 **“CHAPTER 363—PROHIBITIONS AND**

6 **PENALTIES**

7 **“SEC. 4651. [RESERVED].**

[Reserved]

8 **“CHAPTER 365—CONTRACTOR**

9 **WORKFORCE**

10 **“SEC. 4701. [RESERVED].**

[Reserved]

11 **“CHAPTER 367—OTHER ADMINISTRATIVE**

12 **AND MISCELLANEOUS PROVISIONS**

13 **“SEC. 4751. [RESERVED].**

[Reserved]

14 **“Subpart I—Defense Industrial Base**

15 **“CHAPTER 381—DEFENSE INDUSTRIAL**

16 **BASE GENERALLY**

17 **“SEC. 4801. [RESERVED].**

[Reserved]

18 **“CHAPTER 383—LOAN GUARANTEE**

19 **PROGRAMS**

20 **“SEC. 4861. [RESERVED].**

[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
7 of chapters at the beginning of subtitle A is amended by
8 adding at the end the following new items:

“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 Serv- ices	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 Eval- uation	4451
“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING	
“341. Contracting for Performance of Civilian Commercial or Indus- trial 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 Pro- gram	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**
6 **OF SUBTITLE D OF TITLE 10, UNITED STATES**
7 **CODE—AIR FORCE.**

8 (a) SUBTITLE D, PART III, SECTION NUMBERS.—

9 The sections in part III of subtitle D of title 10, United
10 States Code, are redesignated as follows:

11 (1) CHAPTER 909.—Each section in chapter 909
12 is redesignated so that the number of the section, as
13 redesignated, is the number equal to the previous
14 number plus 50.

15 (2) CHAPTER 907.—Each section in chapter 907
16 is redesignated so that the number of the section, as
17 redesignated, is the number equal to the previous
18 number plus 70.

19 (3) CHAPTERS 901 AND 903.—Each section in
20 chapter 901 and chapter 903 is redesignated so that
21 the number of the section, as redesignated, is the
22 number equal to the previous number plus 100.

23 (b) SUBTITLE D, PART II, SECTION NUMBERS.—The
24 sections in part II of such subtitle are redesignated as fol-
25 lows:

1 (1) CHAPTER 831.—Section 8210 is redesign-
2 nated as section 9110.

3 (2) CHAPTER 833.—Sections 8251, 8252, 8257,
4 and 8258 are redesignated as sections 9131, 9132,
5 9137, and 9138, respectively.

6 (3) CHAPTER 835.—Sections 8281 and 8310
7 are redesignated as sections 9151 and 9160, respec-
8 tively.

9 (4) CHAPTER 839.—Section 8446 is redesign-
10 nated as section 9176.

11 (5) CHAPTER 841.—Sections 8491 and 8503
12 are redesignated as sections 9191 and 9203, respec-
13 tively.

14 (6) CHAPTER 843.—Sections 8547 and 8548
15 are redesignated as sections 9217 and 9218, respec-
16 tively.

17 (7) CHAPTER 845.—Sections 8572, 8575, 8579,
18 8581, and 8583 are redesignated as sections 9222,
19 9225, 9229, 9231, and 9233, respectively.

20 (8) CHAPTER 849.—Section 8639 is redesign-
21 nated as section 9239.

22 (9) CHAPTER 853.—Sections 8681, 8684, and
23 8691 are redesignated as sections 9251, 9252, and
24 9253, respectively.

1 (10) CHAPTER 855.—Section 8723 is redesign-
2 nated as section 9263.

3 (11) CHAPTER 857.—Each section in chapter
4 857 is redesignated so that the number of the sec-
5 tion, as redesignated, is the number equal to the
6 previous number plus 530.

7 (12) CHAPTER 861.—Section 8817 is redesign-
8 nated as section 9307.

9 (13) CHAPTER 867.—Each section in chapter
10 867 is redesignated so that the number of the sec-
11 tion, as redesignated, is the number equal to the
12 previous number plus 400.

13 (14) CHAPTER 869.—Sections 8961, 8962,
14 8963, 8964, 8965, and 8966 are redesignated as
15 sections 9341, 9342, 9343, 9344, 9345, and 9346,
16 respectively.

17 (15) CHAPTER 871.—Sections 8991 and 8992
18 are redesignated as sections 9361 and 9362, respec-
19 tively.

20 (16) CHAPTER 873.—Sections 9021, 9025, and
21 9027 are redesignated as sections 9371, 9375, and
22 9377, respectively.

23 (17) CHAPTER 875.—Section 9061 is redesign-
24 nated as section 9381.

1 (c) SUBTITLE D, PART I, SECTION NUMBERS.—

2 Each section in part I of such subtitle is redesignated so
3 that the number of the section, as redesignated, is the
4 number equal to the previous number plus 1,000.

5 (d) SUBTITLE D CHAPTER NUMBERS.—

6 (1) PART IV CHAPTER NUMBERS.—Each chap-
7 ter in part IV of such subtitle is redesignated so
8 that the number of the chapter, as redesignated, is
9 the number equal to the previous number plus 30.

10 (2) PART III CHAPTER NUMBERS.—Each chap-
11 ter in part III of such subtitle is redesignated so
12 that the number of the chapter, as redesignated, is
13 the number equal to the previous number plus 50.

14 (3) PART II CHAPTER NUMBERS.—

15 (A) IN GENERAL.—Except as provided in
16 subparagraph (B), each chapter in part II of
17 such subtitle is redesignated so that the number
18 of the chapter, as redesignated, is the number
19 equal to the previous number plus 80.

20 (B) OTHER CHAPTERS.—

21 (i) Chapter 861 is redesignated as
22 chapter 939.

23 (ii) Chapters 867, 869, 871, 873, and
24 875 are each redesignated so that the
25 number of the chapter, as redesignated, is

1 the number equal to the previous number
2 plus 74.

3 (4) PART I CHAPTER NUMBERS.—Each chapter
4 in part I of such subtitle is redesignated so that the
5 number of the chapter, as redesignated, is the num-
6 ber equal to the previous number plus 100.

7 (e) SUBTITLE D TABLES OF SECTIONS AND TABLES
8 OF CHAPTERS.—

9 (1) TABLES OF SECTIONS.—The tables of sec-
10 tions at the beginning of the chapters of such sub-
11 title are revised so as to conform the section ref-
12 erences in those tables to the redesignations made
13 by subsections (a), (b), and (c).

14 (2) TABLES OF CHAPTERS.—The table of chap-
15 ters at the beginning of such subtitle, and the tables
16 of chapters at the beginning of each part of such
17 subtitle, are revised so as to conform the chapter
18 references and section references in those tables to
19 the redesignations made by this section.

20 **SEC. 807. REDESIGNATION OF SECTIONS AND CHAPTERS**
21 **OF SUBTITLE C OF TITLE 10, UNITED STATES**
22 **CODE—NAVY AND MARINE CORPS.**

23 (a) SUBTITLE C, PART I, SECTION NUMBERS.—

24 (1) IN GENERAL.—Except as provided in para-
25 graph (2), each section in part I of subtitle C of title

1 10, United States Code, is redesignated so that the
2 number of the section, as redesignated, is the num-
3 ber equal to the previous number plus 3,000.

4 (2) CHAPTER 513.—For sections in chapter
5 513, each section is redesignated so that the number
6 of the section, as redesignated, is the number equal
7 to the previous number plus 2,940.

8 (b) SUBTITLE C, PART II, SECTION NUMBERS.—The
9 sections in part II of such subtitle are redesignated as fol-
10 lows:

11 (1) CHAPTER 533.—Sections 5441, 5450, and
12 5451 are redesignated as sections 8101, 8102, and
13 8103, respectively.

14 (2) CHAPTER 535.—Sections 5501, 5502, 5503,
15 and 5508 are redesignated as sections 8111, 8112,
16 8113, and 8118, respectively.

17 (3) CHAPTER 537.—Section 5540 is redesign-
18 ated as section 8120.

19 (4) CHAPTER 539.—Sections 5582, 5585, 5587,
20 5587a, 5589, and 5596 are redesignated as sections
21 8132, 8135, 8137, 8138, 8139, and 8146, respec-
22 tively.

23 (5) CHAPTER 544.—Section 5721 is redesign-
24 ated as section 8151.

1 (6) CHAPTER 551.—Each section in chapter 551
2 is redesignated so that the number of the section, as
3 redesignated, is the number equal to the previous
4 number plus 2,220.

5 (7) CHAPTER 553.—Sections 5983, 5985, and
6 5986 are redesignated as sections 8183, 8185, and
7 8186, respectively.

8 (8) CHAPTER 555.—The sections in chapter 555
9 are redesignated as follows:

Section	Redesignated Section
6011	8211
6012	8212
6013	8213
6014	8214
6019	8215
6021	8216
6022	8217
6024	8218
6027	8219
6029	8220
6031	8221
6032	8222
6035	8225
6036	8226

10 (9) CHAPTER 557.—Each section in chapter 557
11 is redesignated so that the number of the section, as

1 redesignated, is the number equal to the previous
2 number plus 2,160.

3 (10) CHAPTER 559.—Section 6113 is redesign-
4 nated as section 8253.

5 (11) CHAPTER 561.—The sections in chapter
6 561 are redesignated as follows:

Section	Redesignated Section
6141	8261
6151	8262
6152	8263
6153	8264
6154	8265
6155	8266
6156	8267
6160	8270
6161	8271

7 (12) CHAPTER 563.—Sections 6201, 6202, and
8 6203 are redesignated as sections 8281, 8282, and
9 8283, respectively.

10 (13) CHAPTER 565.—Sections 6221 and 6222
11 are redesignated as sections 8286 and 8287, respec-
12 tively.

13 (14) CHAPTER 567.—Each section in chapter
14 567 is redesignated so that the number of the sec-
15 tion, as redesignated, is the number equal to the
16 previous number plus 2,050.

1 (15) CHAPTER 569.—Section 6292 is redesign-
2 nated as section 8317.

3 (16) CHAPTER 571.—Each section in chapter
4 571 is redesignated so that the number of the sec-
5 tion, as redesignated, is the number equal to the
6 previous number plus 2,000.

7 (17) CHAPTER 573.—Sections 6371, 6383,
8 6389, 6404, and 6408 are redesignated as sections
9 8371, 8372, 8373, 8374, and 8375, respectively.

10 (18) CHAPTER 575.—Sections 6483, 6484,
11 6485, and 6486 are redesignated as sections 8383,
12 8384, 8385, and 8386, respectively.

13 (19) CHAPTER 577.—Section 6522 is redesign-
14 nated as section 8392.

15 (c) SUBTITLE C, PART III, SECTION NUMBERS.—

16 (1) IN GENERAL.—Except as provided in para-
17 graph (2), each section in part III of such subtitle
18 is redesignated so that the number of the section, as
19 redesignated, is the number equal to the previous
20 number plus 1,500.

21 (2) CHAPTER 609.—Sections 7101, 7102, 7103,
22 and 7104 are redesignated as sections 8591, 8592,
23 8593, and 8594, respectively.

1 (d) SUBTITLE C, PART IV, SECTION NUMBERS.—

2 The sections in part IV of such subtitle are redesignated
3 as follows:

4 (1) CHAPTER 631.—Each section in chapter 631
5 is redesignated so that the number of the section, as
6 redesignated, is the number equal to the previous
7 number plus 1,400.

8 (2) CHAPTER 633.—Each section in chapter 633
9 is redesignated so that the number of the section, as
10 redesignated, is the number equal to the previous
11 number plus 1,370.

12 (3) CHAPTER 637.—Sections 7361, 7362, 7363,
13 and 7364 are redesignated as sections 8701, 8702,
14 8703, and 8704, respectively.

15 (4) CHAPTER 639.—Sections 7395 and 7396
16 are redesignated as sections 8715 and 8716, respec-
17 tively.

18 (5) CHAPTER 641.—Each section in chapter 641
19 is redesignated so that the number of the section, as
20 redesignated, is the number equal to the previous
21 number plus 1,300.

22 (6) CHAPTER 643.—Sections 7472, 7473, 7476,
23 7477, 7478, 7479, and 7480 are redesignated as
24 sections 8742, 8743, 8746, 8747, 8748, 8749, and
25 8750, respectively.

1 (7) CHAPTER 645.—Sections 7522, 7523, and
2 7524 are redesignated as sections 8752, 8753, and
3 8754, respectively.

4 (8) CHAPTER 647.—The sections in chapter 647
5 are redesignated as follows:

Section	Redesignated Section
7541	8761
7541a	8761a
7541b	8761b
7542	8762
7543	8763
7544	8764
7545	8745
7546	8746
7577	8747

6 (9) CHAPTERS 649, 651, 653, AND 655.—Each
7 section in chapters 649, 651, 653, and 655 is reded-
8 ignated so that the number of the section, as reded-
9 ignated, is the number equal to the previous number
10 plus 1,200.

11 (10) CHAPTER 657.—Each section in chapter
12 657 is redesignated so that the number of the sec-
13 tion, as redesignated, is the number equal to the
14 previous number plus 1,170.

1 (11) CHAPTER 659.—Sections 7851, 7852,
2 7853, and 7854 are redesignated as sections 8901,
3 8902, 8903, and 8904, respectively.

4 (12) CHAPTER 661.—Sections 7861, 7862, and
5 7863 are redesignated as sections 8911, 8912, and
6 8913, respectively.

7 (13) CHAPTER 663.—Section 7881 is redesign-
8 nated as section 8921.

9 (14) CHAPTER 665.—Sections 7901, 7902, and
10 7903 are redesignated as sections 8931, 8932, and
11 8933, respectively.

12 (15) CHAPTER 667.—Sections 7912 and 7913
13 are redesignated as sections 8942 and 8943, respec-
14 tively.

15 (16) CHAPTER 669.—Section 7921 is redesign-
16 nated as section 8951.

17 (e) SUBTITLE C CHAPTER NUMBERS.—

18 (1) PART I CHAPTER NUMBERS.—Each chapter
19 in part I of such subtitle is redesignated so that the
20 number of the chapter, as redesignated, is the num-
21 ber equal to the previous number plus 300, except
22 that chapter 513 is redesignated as chapter 809.

23 (2) PART II CHAPTER NUMBERS.—

24 (A) IN GENERAL.—Except as provided in
25 subparagraph (B), each chapter in part II of

1 such subtitle is redesignated so that the number
2 of the chapter, as redesignated, is the number
3 equal to the previous number plus 270.

4 (B) OTHER CHAPTERS.—Chapter 533 is
5 redesignated as chapter 811, chapter 535 is re-
6 designated as chapter 812, chapter 537 is re-
7 designated as chapter 813, chapter 539 is re-
8 designated as chapter 815, and chapter 544 is
9 redesignated as chapter 817.

10 (3) PART III CHAPTER NUMBERS.—Each chap-
11 ter in part III of such subtitle is redesignated so
12 that the number of the chapter, as redesignated, is
13 the number equal to the previous number plus 250.

14 (4) PART IV CHAPTER NUMBERS.—Each chap-
15 ter in part IV of such subtitle is redesignated so
16 that the number of the chapter, as redesignated, is
17 the number equal to the previous number plus 228,
18 except that chapter 631 is redesignated as chapter
19 861 and chapter 633 is redesignated as chapter 863.

20 (f) SUBTITLE C TABLES OF SECTIONS AND TABLES
21 OF CHAPTERS.—

22 (1) TABLES OF SECTIONS.—The table of sec-
23 tions at the beginning of each chapter of such sub-
24 title is revised so as to conform the section ref-

1 erences in the table to the redesignations made by
2 subsections (a), (b), (c), and (d).

3 (2) TABLES OF CHAPTERS.—The table of chap-
4 ters at the beginning of such subtitle, and the tables
5 of chapters at the beginning of each part of such
6 subtitle, are revised so as to conform the chapter
7 references and section references in those tables to
8 the redesignations made by this section.

9 **SEC. 808. REDESIGNATION OF SECTIONS AND CHAPTERS**
10 **OF SUBTITLE B OF TITLE 10, UNITED STATES**
11 **CODE—ARMY.**

12 (a) SUBTITLE B, PART I, SECTION NUMBERS.—
13 Each section in part I of subtitle B of title 10, United
14 States Code, is redesignated so that the number of the
15 section, as redesignated, is the number equal to the pre-
16 vious number plus 4,000.

17 (b) SUBTITLE B, PART II, SECTION NUMBERS.—The
18 sections in part II of such subtitle are redesignated as fol-
19 lows:

20 (1) CHAPTER 331.—Section 3210 is redesign-
21 nated as section 7110.

22 (2) CHAPTER 333.—Sections 3251, 3258, and
23 3262 are redesignated as sections 7131, 7138, and
24 7142, respectively.

1 (3) CHAPTER 335.—Sections 3281, 3282, 3283,
2 and 3310 are redesignated as sections 7151, 7152,
3 7153, and 7160, respectively.

4 (4) CHAPTER 339.—Section 3446 is redesign-
5 ated as sections 7176.

6 (5) CHAPTER 341.—Sections 3491 and 3503
7 are redesignated as sections 7191 and 7203, respec-
8 tively.

9 (6) CHAPTER 343.—Sections 3533, 3534, 3536,
10 3547 and 3548 are redesignated as sections 7213,
11 7214, 7316, 7217, and 7218, respectively.

12 (7) CHAPTER 345.—Sections 3572, 3575, 3579,
13 3581, and 3583 are redesignated as sections 7222,
14 7225, 7229, 7231, and 7233, respectively.

15 (8) CHAPTER 349.—Section 3639 is redesign-
16 ated as section 7239.

17 (9) CHAPTER 353.—Sections 3681, 3684, and
18 3691 are redesignated as sections 7251, 7252, and
19 7253, respectively.

20 (10) CHAPTER 355.—Section 3723 is redesign-
21 ated as section 7263.

22 (11) CHAPTER 357.—Each section in chapter
23 357 is redesignated so that the number of the sec-
24 tion, as redesignated, is the number equal to the
25 previous number plus 3,530.

1 (12) CHAPTER 367.—Each section in chapter
2 367 is redesignated so that the number of the sec-
3 tion, as redesignated, is the number equal to the
4 previous number plus 3,400.

5 (13) CHAPTER 369.—Sections 3961, 3962,
6 3963, 3964, 3965, and 3966 are redesignated as
7 sections 7341, 7342, 7343, 7344, 7345, and 7346,
8 respectively.

9 (14) CHAPTER 371.—Sections 3991 and 3992
10 are redesignated as sections 7361 and 7362, respec-
11 tively.

12 (15) CHAPTER 373.—Sections 4021, 4024,
13 4025, and 4027 are redesignated as sections 7371,
14 7374, 7375, and 7377, respectively.

15 (16) CHAPTER 375.—Section 4061 is redesign-
16 ated as section 7381.

17 (c) SUBTITLE B, PART III, SECTION NUMBERS.—

18 (1) IN GENERAL.—Except as provided in para-
19 graph (2), each section in part III of such subtitle
20 is redesignated so that the number of the section, as
21 redesignated, is the number equal to the previous
22 number plus 3,100.

23 (2) CHAPTER 407.—Each section in chapter 407
24 is redesignated so that the number of the section, as

1 redesignated, is the number equal to the previous
2 number plus 3,070.

3 (d) SUBTITLE B, PART IV, SECTION NUMBERS.—

4 Each section in part IV of such subtitle is redesignated
5 so that the number of the section, as redesignated, is the
6 number equal to the previous number plus 3,000.

7 (e) SUBTITLE B CHAPTER NUMBERS.—

8 (1) PART I CHAPTER NUMBERS.—Each chapter
9 in part I of such subtitle is redesignated so that the
10 number of the chapter, as redesignated, is the num-
11 ber equal to the previous number plus 400.

12 (2) PART II CHAPTER NUMBERS.—

13 (A) IN GENERAL.—Except as provided in
14 subparagraph (B), each chapter in part II of
15 such subtitle is redesignated so that the number
16 of the chapter, as redesignated, is the number
17 equal to the previous number plus 380.

18 (B) OTHER CHAPTERS.—Chapters 367,
19 369, 371, 373, and 375 are each redesignated
20 so that the number of the chapter, as redesign-
21 ated, is the number equal to the previous
22 number plus 374.

23 (3) PART III CHAPTER NUMBERS.—Each chap-
24 ter in part III of such subtitle is redesignated so

1 that the number of the chapter, as redesignated, is
2 the number equal to the previous number plus 350.

3 (4) PART IV CHAPTER NUMBERS.—Each chap-
4 ter in part IV of such subtitle is redesignated so
5 that the number of the chapter, as redesignated, is
6 the number equal to the previous number plus 330.

7 (f) SUBTITLE B TABLES OF SECTIONS AND TABLES
8 OF CHAPTERS.—

9 (1) TABLES OF SECTIONS.—The table of sec-
10 tions at the beginning of each chapter of such sub-
11 title is revised so as to conform the section ref-
12 erences in the table to the redesignations made by
13 subsections (a), (b), (c), and (d).

14 (2) TABLES OF CHAPTERS.—The table of chap-
15 ters at the beginning of such subtitle, and the tables
16 of chapters at the beginning of each part of such
17 subtitle, are revised so as to conform the chapter
18 references and section references in those tables to
19 the redesignations made by this section.

20 **SEC. 809. CROSS REFERENCES TO REDESIGNATED SEC-**
21 **TIONS AND CHAPTERS.**

22 (a) AMENDMENTS TO REFERENCES IN TITLE 10.—
23 Each provision of title 10, United States Code (including
24 the table of subtitles preceding subtitle A), that contains
25 a reference to a section or chapter redesignated by this

1 subtitle is amended so that the reference refers to the
2 number of the section or chapter as redesignated.

3 (b) DEEMING RULE FOR OTHER REFERENCES.—
4 Any reference in a provision of law other than title 10,
5 United States Code, to a section or chapter redesignated
6 by this subtitle shall be deemed to refer to the section or
7 chapter as so redesignated.

8 **PART III—REPEALS OF CERTAIN PROVISIONS OF**
9 **DEFENSE ACQUISITION LAW**

10 **SEC. 811. AMENDMENT TO AND REPEAL OF STATUTORY RE-**
11 **QUIREMENTS FOR CERTAIN POSITIONS OR**
12 **OFFICES IN THE DEPARTMENT OF DEFENSE.**

13 (a) AMENDMENT TO STATUTORY REQUIREMENT FOR
14 DIRECTOR OF CORROSION POLICY AND OVERSIGHT.—

15 (1) IN GENERAL.—Section 2228 of title 10,
16 United States Code, is amended—

17 (A) by amending subsection (a) to read as
18 follows:

19 “(a) ESTABLISHMENT.—There is established an Of-
20 fice of Corrosion Policy and Oversight within the Depart-
21 ment of Defense, which shall be headed by a Director of
22 Corrosion Policy and Oversight.”;

23 (B) by striking subsections (b) and (c);

1 (C) by redesignating subsections (d), (e),
2 and (f) as subsections (b), (c), and (d), respec-
3 tively; and

4 (D) in subsection (c) (as so redesignated),
5 by striking “subsection (d)” each place it ap-
6 pears and inserting “subsection (b)”.

7 (2) CONFORMING AMENDMENT.—Section 1067
8 of the Bob Stump National Defense Authorization
9 Act for Fiscal Year 2003 (Public Law 107–314; 116
10 Stat. 2658, 2659; 10 U.S.C. 2228 note) is amended
11 by striking subsections (b), (c), (d), and (e).

12 (b) REPEAL OF STATUTORY REQUIREMENT FOR DI-
13 RECTOR OF THE OFFICE OF PERFORMANCE ASSESSMENT
14 AND ROOT CAUSE ANALYSIS.—

15 (1) REPEAL.—

16 (A) IN GENERAL.—Section 2438 of title
17 10, United States Code, is repealed.

18 (B) CLERICAL AMENDMENT.—The table of
19 sections at the beginning of chapter 144 of such
20 title is amended by striking the item relating to
21 section 2438.

22 (2) CONFORMING AMENDMENTS.—

23 (A) Section 131(b)(9) of such title is
24 amended by striking subparagraph (I).

1 (B) Section 2548(a) of such title is amend-
2 ed by striking “, the Director of Procurement
3 and Acquisition Policy, and the Director of the
4 Office of Performance Assessment and Root
5 Cause Analysis,” and inserting “and the Direc-
6 tor of Procurement and Acquisition Policy”.

7 (C) Section 882 of the Ike Skelton Na-
8 tional Defense Authorization Act for Fiscal
9 Year 2011 (Public Law 111–383; 10 U.S.C.
10 2222 note) is amended by striking subsection
11 (a).

12 (c) REPEAL OF STATUTORY REQUIREMENT FOR OF-
13 FICE OF TECHNOLOGY TRANSITION.—

14 (1) REPEAL.—Section 2515 of title 10, United
15 States Code, is repealed.

16 (2) CLERICAL AMENDMENT.—The table of sec-
17 tions at the beginning of subchapter III of chapter
18 148 of such title is amended by striking the item re-
19 lating to section 2515.

20 (d) REPEAL OF STATUTORY REQUIREMENT FOR OF-
21 FICE FOR FOREIGN DEFENSE CRITICAL TECHNOLOGY
22 MONITORING AND ASSESSMENT.—

23 (1) REPEAL.—Section 2517 of title 10, United
24 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
6 SMALL BUSINESS OMBUDSMAN FOR DEFENSE CONTRACT
7 AUDIT AGENCY AND DEFENSE CONTRACT MANAGEMENT
8 AGENCY.—

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 COMPETI-
17 TION.—

18 (1) REPEAL.—Section 2318 of title 10, United
19 States Code, is amended—

20 (A) by striking subsection (a); and

21 (B) by striking “(b)” before “Each advo-
22 cate”.

23 (2) TECHNICAL AMENDMENTS.—Such section is
24 further amended—

1 (A) by striking “advocate for competition
2 of” and inserting “advocate for competition
3 designated pursuant to section 1705(a) of title
4 41 for”; and

5 (B) by striking “a grade GS–16 or above
6 under the General Schedule (or in a comparable
7 or higher position under another schedule)” and
8 inserting “in a position classified above GS–15
9 pursuant to section 5108 of title 5”.

10 (g) SUNSET FOR STATUTORY DESIGNATION OF SEN-
11 IOR DEPARTMENT OF DEFENSE OFFICIAL WITH PRIN-
12 CIPAL RESPONSIBILITY FOR DIRECTED ENERGY WEAP-
13 ONS.—Section 219 of the National Defense Authorization
14 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.
15 2431 note) is amended by adding at the end the following
16 new subsection:

17 “(d) SUNSET.—The provisions of subsection (a) and
18 of paragraphs (2) and (3) of subsection (b) shall cease
19 to be in effect as of September 30, 2022.”.

20 (h) REPEAL OF STATUTORY REQUIREMENT FOR
21 DESIGNATION OF INDIVIDUAL TO SERVE AS PRIMARY LI-
22 AISON BETWEEN THE PROCUREMENT AND RESEARCH
23 AND DEVELOPMENT ACTIVITIES OF THE UNITED STATES
24 ARMED FORCES AND THOSE OF THE STATE OF
25 ISRAEL.—Section 1006 of the National Defense Author-

1 ization Act, Fiscal Year 1989 (Public Law 100–456; 102
2 Stat. 2040; 10 U.S.C. 133a note) is repealed.

3 (i) REPEAL OF STATUTORY REQUIREMENT FOR DES-
4 IGNATION OF SENIOR OFFICIAL TO COORDINATE AND
5 MANAGE HUMAN SYSTEMS INTEGRATION ACTIVITIES RE-
6 LATED TO ACQUISITION PROGRAMS.—Section 231 of the
7 National Defense Authorization Act for Fiscal Year 2008
8 (Public Law 110–181; 122 Stat. 45; 10 U.S.C. 1701 note)
9 is amended—

10 (1) by striking “(a) IN GENERAL.—”; and

11 (2) by striking subsections (b), (c), and (d).

12 (j) REPEAL OF STATUTORY REQUIREMENT FOR DES-
13 IGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR
14 FOCUS ON URGENT OPERATIONAL NEEDS AND RAPID
15 ACQUISITION.—Section 902 of the National Defense Au-
16 thorization Act for Fiscal Year 2013 (Public Law 112–
17 239; 126 Stat. 1865; 10 U.S.C. 2302 note) is repealed.

18 (k) REPEAL OF STATUTORY REQUIREMENT FOR
19 DESIGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR
20 DUAL-USE PROJECTS UNDER DUAL-USE SCIENCE AND
21 TECHNOLOGY PROGRAM.—Section 203 of the National
22 Defense Authorization Act for Fiscal Year 1998 (Public
23 Law 105–85; 10 U.S.C. 2511 note) is amended by striking
24 subsection (c).

1 (l) REPEAL OF STATUTORY REQUIREMENT FOR DES-
2 IGNATION OF SENIOR OFFICIAL AS EXECUTIVE AGENT
3 FOR PRINTED CIRCUIT BOARD TECHNOLOGY.—Section
4 256 of the National Defense Authorization Act for Fiscal
5 Year 2009 (Public Law 110–417; 122 Stat. 4404; 10
6 U.S.C. 2501 note) is repealed.

7 **SEC. 812. REPEAL OF CERTAIN DEFENSE ACQUISITION**
8 **LAWS.**

9 (a) TITLE 10, UNITED STATES CODE.—

10 (1) SECTION 167A.—

11 (A) REPEAL.—Section 167a of title 10,
12 United States Code, is repealed.

13 (B) CLERICAL AMENDMENT.—The table of
14 sections at the beginning of chapter 6 of such
15 title is amended by striking the item relating to
16 section 167a.

17 (C) CONFORMING AMENDMENT.—Section
18 905(a)(1) of the John Warner National Defense
19 Authorization Act for Fiscal Year 2007 (Public
20 Law 109–364; 10 U.S.C. 133a note) is amend-
21 ed by striking “166b, 167, or 167a” and insert-
22 ing “166b or 167”.

23 (2) SECTION 2323.—

24 (A) REPEAL.—Section 2323 of title 10,
25 United States Code, is repealed.

1 (B) CLERICAL AMENDMENT.—The table of
2 sections at the beginning of chapter 137 of such
3 title is amended by striking the item relating to
4 section 2323.

5 (C) CONFORMING AMENDMENTS.—

6 (i) Section 853(c) of the National De-
7 fense Authorization Act for Fiscal Year
8 2004 (Public Law 108–136; 10 U.S.C.
9 2302 note) is amended by striking “section
10 2323 of title 10, United States Code,
11 and”.

12 (ii) Section 831(n) of the National
13 Defense Authorization Act for Fiscal Year
14 1991 (Public Law 101–510; 10 U.S.C.
15 2302 note) is amended—

16 (I) in paragraph (4), by inserting
17 “, as in effect on March 1, 2018”
18 after “section 2323 of title 10, United
19 States Code”; and

20 (II) in paragraph (6), by striking
21 “section 2323 of title 10, United
22 States Code, and”.

23 (iii) Subsection (d) of section 811 of
24 the National Defense Authorization Act for

1 Fiscal Year 1994 (Public Law 103–160;
2 10 U.S.C. 2323 note) is repealed.

3 (iv) Section 8304(1) of the Federal
4 Acquisition Streamlining Act of 1994 (10
5 U.S.C. 2375 note) is amended by striking
6 “section 2323 of title 10, United States
7 Code, or”.

8 (v) Section 10004(a)(1) of the Fed-
9 eral Acquisition Streamlining Act of 1994
10 (41 U.S.C. 1122 note) is amended by
11 striking “section 2323 of title 10, United
12 States Code, or”.

13 (vi) Section 2304(b)(2) of title 10,
14 United States Code, is amended by strik-
15 ing “and concerns other than” and all that
16 follows through “this title”.

17 (vii) Section 2304e(b) of title 10,
18 United States Code, is amended—

19 (I) by striking “other than—”
20 and all that follows through “small”
21 and inserting “other than small”;

22 (II) by striking “; or” and insert-
23 ing a period; and

24 (III) by striking paragraph (2).

1 (viii) Section 2323a(a) of title 10,
2 United States Code, is amended by strik-
3 ing “section 2323 of this title and”.

4 (ix) Section 15 of the Small Business
5 Act (15 U.S.C. 644) is amended—

6 (I) in subsection (j)(3), by strik-
7 ing “section 2323 of title 10, United
8 States Code,”;

9 (II) in subsection (k)(10)—

10 (aa) by striking “or section
11 2323 of title 10, United States
12 Code,” and all that follows
13 through “subsection (m),”; and

14 (bb) by striking “subsection
15 (a),” and inserting “subsection
16 (a) or”; and

17 (III) by amending subsection (m)
18 to read as follows:

19 “(m) ADDITIONAL DUTIES OF PROCUREMENT CEN-
20 TER REPRESENTATIVES.—All procurement center rep-
21 resentatives (including those referred to in subsection
22 (k)(6)), in addition to such other duties as may be as-
23 signed by the Administrator, shall increase, insofar as pos-
24 sible, the number and dollar value of procurements that

1 may be used for the programs established under this sec-
2 tion and section 8(a).”.

3 (x) Section 1902(b)(1) of title 41,
4 United States Code, is amended by strik-
5 ing “, section 2323 of title 10,”.

6 (3) SECTION 2332.—

7 (A) REPEAL.—Section 2332 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 2332.

13 (b) OTHER PROVISIONS OF LAW.—The following pro-
14 visions of law are repealed:

15 (1) Section 801 of the Carl Levin and Howard
16 P. “Buck” McKeon National Defense Authorization
17 Act for Fiscal Year 2015 (Public Law 113–291; 10
18 U.S.C. 2223a note).

19 (2) Section 934 of the National Defense Au-
20 thorization Act for Fiscal Year 2013 (Public Law
21 112–239; 10 U.S.C. 2223a note).

22 (3) Section 804 of the National Defense Au-
23 thorization Act for Fiscal Year 2010 (Public Law
24 111–84; 10 U.S.C. 2223a note).

1 (4) Section 881 of the National Defense Au-
2 thorization Act for Fiscal Year 2008 (Public Law
3 110–181; 10 U.S.C. 2223a note).

4 (5) Section 854 of the National Defense Au-
5 thorization Act for Fiscal Year 2017 (Public Law
6 114–328; 10 U.S.C. 2302 note).

7 (6) Section 804 of the National Defense Au-
8 thorization Act for Fiscal Year 2013 (Public Law
9 112–239; 10 U.S.C. 2302 note).

10 (7) Section 829 of the National Defense Au-
11 thorization Act for Fiscal Year 2013 (Public Law
12 112–239; 10 U.S.C. 2302 note).

13 (8) Section 818(g) of the National Defense Au-
14 thorization Act for Fiscal Year 2012 (Public Law
15 112–81; 10 U.S.C. 2302 note).

16 (9) Section 815(b) of the National Defense Au-
17 thorization Act for Fiscal Year 2008 (Public Law
18 110–181; 10 U.S.C. 2302 note).

19 (10) Section 812 of the John Warner National
20 Defense Authorization Act for Fiscal Year 2007
21 (Public Law 109–364; 10 U.S.C. 2302 note).

22 (11) Section 817 of the National Defense Au-
23 thorization Act for Fiscal Year 2006 (Public Law
24 109–163; 10 U.S.C. 2302 note).

1 (12) Section 141 of the Ronald W. Reagan Na-
2 tional Defense Authorization Act for Fiscal Year
3 2005 (Public Law 108–375; 10 U.S.C. 2302 note).

4 (13) Section 801(b) of the National Defense
5 Authorization Act for Fiscal Year 2004 (Public Law
6 108–136; 10 U.S.C. 2302 note).

7 (14) Section 805(a) of the National Defense
8 Authorization Act for Fiscal Year 2004 (Public Law
9 108–136; 10 U.S.C. 2302 note).

10 (15) Section 352 of the Bob Stump National
11 Defense Authorization Act for Fiscal Year 2003
12 (Public Law 107–314; 10 U.S.C. 2302 note).

13 (16) Section 326 of the National Defense Au-
14 thorization Act for Fiscal Year 1993 (Public Law
15 102–484; 10 U.S.C. 2302 note).

16 (17) Section 9004 of the Department of De-
17 fense Appropriations Act, 1990 (Public Law 101–
18 165; 10 U.S.C. 2302 note).

19 (18) Section 895 of the National Defense Au-
20 thorization Act for Fiscal Year 2016 (Public Law
21 114–92; 10 U.S.C. 2304 note).

22 (19) Section 802 of the Duncan Hunter Na-
23 tional Defense Authorization Act for Fiscal Year
24 2009 (Public Law 110–417; 10 U.S.C. 2304 note).

1 (20) Section 821 of the National Defense Au-
2 thorization Act for Fiscal Year 2008 (Public Law
3 110–181; 10 U.S.C. 2304 note).

4 (21) Section 813 of the John Warner National
5 Defense Authorization Act for Fiscal Year 2007
6 (Public Law 109–364; 10 U.S.C. 2304 note).

7 (22) Section 391 of the National Defense Au-
8 thorization Act for Fiscal Year 1998 (Public Law
9 105–85; 10 U.S.C. 2304 note).

10 (23) Section 927(b) of Public Laws 99–500,
11 99–591, and 99–661 (10 U.S.C. 2304 note).

12 (24) Section 1222(b) of the National Defense
13 Authorization Act for Fiscal Year 1987 (Public Law
14 99–661; 10 U.S.C. 2304 note).

15 (25) Section 814(b) of the National Defense
16 Authorization Act for Fiscal Year 2010 (Public Law
17 111–84; 10 U.S.C. 2304a note).

18 (26) Section 834 of the John Warner National
19 Defense Authorization Act for Fiscal Year 2007
20 (Public Law 109–364; 10 U.S.C. 2304b note).

21 (27) Section 803 of the Strom Thurmond Na-
22 tional Defense Authorization Act for Fiscal Year
23 1999 (Public Law 105–261; 10 U.S.C. 2306a note).

1 (28) Section 1075 of the National Defense Au-
2 thorization Act for Fiscal Year 1995 (Public Law
3 103–337; 10 U.S.C. 2315 note).

4 (29) Section 824(a) of the Ike Skelton National
5 Defense Authorization Act for Fiscal Year 2011
6 (Public Law 111–383; 10 U.S.C. 2320 note).

7 (30) Section 818 of the National Defense Au-
8 thorization Act for Fiscal Year 1995 (Public Law
9 103–337; 10 U.S.C. 2324 note).

10 (31) Section 812 of the National Defense Au-
11 thorization Act for Fiscal Year 2010 (Public Law
12 111–84; 10 U.S.C. 2326 note).

13 (32) Sections 908(a), (b), (c), and (e) of Public
14 Laws 99–500, 99–591, and 99–661 (10 U.S.C.
15 2326 note).

16 (33) Section 882 of the National Defense Au-
17 thorization Act for Fiscal Year 2016 (Public Law
18 114–92; 10 U.S.C. 2330 note).

19 (34) Section 807 of the National Defense Au-
20 thorization Act for Fiscal Year 2012 (Public Law
21 112–81; 10 U.S.C. 2330 note).

22 (35) Section 805 of the National Defense Au-
23 thorization Act for Fiscal Year 2008 (Public Law
24 110–181; 10 U.S.C. 2330 note).

1 (36) Section 808 of the National Defense Au-
2 thorization Act for Fiscal Year 2008 (Public Law
3 110–181; 10 U.S.C. 2330 note).

4 (37) Section 812(b)–(c) of the National Defense
5 Authorization Act for Fiscal Year 2006 (Public Law
6 109–163; 10 U.S.C. 2330 note).

7 (38) Section 801(d)–(f) of the National Defense
8 Authorization Act for Fiscal Year 2002 (Public Law
9 107–107; 10 U.S.C. 2330 note).

10 (39) Section 802 of the National Defense Au-
11 thorization Act for Fiscal Year 2002 (Public Law
12 107–107; 10 U.S.C. 2330 note).

13 (40) Section 831 of the Duncan Hunter Na-
14 tional Defense Authorization Act for Fiscal Year
15 2009 (Public Law 110–417; 10 U.S.C. 2330a note).

16 (41) Section 1032 of the Bob Stump National
17 Defense Authorization Act for Fiscal Year 2003
18 (Public Law 107–314; 10 U.S.C. 2358 note).

19 (42) Section 241 of the Bob Stump National
20 Defense Authorization Act for Fiscal Year 2003
21 (Public Law 107–314; 10 U.S.C. 2358 note).

22 (43) Section 606 of Public Law 92–436 (10
23 U.S.C. 2358 note).

1 (44) Section 913(b) of the National Defense
2 Authorization Act for Fiscal Year 2000 (Public Law
3 106–65; 10 U.S.C. 2364 note).

4 (45) Sections 234(a) and (b) of the National
5 Defense Authorization Act for Fiscal Year 1987
6 (Public Law 99–661; 10 U.S.C. 2364 note).

7 (46) Section 943(b) of the National Defense
8 Authorization Act for Fiscal Year 2008 (Public Law
9 110–181; 10 U.S.C. 2366a note).

10 (47) Section 801 of the National Defense Au-
11 thorization Act for Fiscal Year 1990 (Public Law
12 101–189; 10 U.S.C. 2399 note).

13 (48) Section 8133 of the Department of De-
14 fense Appropriations Act, 2000 (Public Law 106–
15 79; 10 U.S.C. 2401a note).

16 (49) Section 807(b) of the John Warner Na-
17 tional Defense Authorization Act for Fiscal Year
18 2007 (Public Law 109–364; 10 U.S.C. 2410p note).

19 (50) Section 825(c)(1)–(2) of the National De-
20 fense Authorization Act for Fiscal Year 2016 (Pub-
21 lic Law 114–92; 10 U.S.C. 2430 note).

22 (51) Section 1058 of the Carl Levin and How-
23 ard P. “Buck” McKeon National Defense Authoriza-
24 tion Act for Fiscal Year 2015 (Public Law 113–291;
25 10 U.S.C. 2430 note).

1 (52) Section 837 of the National Defense Au-
2 thorization Act for Fiscal Year 1994 (Public Law
3 103–160; 10 U.S.C. 2430 note).

4 (53) Section 838 of the National Defense Au-
5 thorization Act for Fiscal Year 1994 (Public Law
6 103–160; 10 U.S.C. 2430 note).

7 (54) Section 809 of the National Defense Au-
8 thorization Act for Fiscal Year 1991 (Public Law
9 101–510; 10 U.S.C. 2430 note).

10 (55) Section 833 of the National Defense Au-
11 thorization Act for Fiscal Year 1994 (Public Law
12 103–160; 10 U.S.C. 2430 note).

13 (56) Section 839 of the National Defense Au-
14 thorization Act for Fiscal Year 1994 (Public Law
15 103–160; 10 U.S.C. 2430 note).

16 (57) Section 819 of the National Defense Au-
17 thorization Act for Fiscal Year 1995 (Public Law
18 103–337; 10 U.S.C. 2430 note).

19 (58) Section 5064 of the Federal Acquisition
20 Streamlining Act of 1994 (Public Law 103–355; 10
21 U.S.C. 2430 note).

22 (59) Section 803 of the National Defense Au-
23 thorization Act for Fiscal Year 1997 (Public Law
24 104–201; 10 U.S.C. 2430 note).

1 (60) Section 1215 of the Department of De-
2 fense Authorization Act, 1984 (Public Law 98–94;
3 10 U.S.C. 2452 note).

4 (61) Section 328 of the National Defense Au-
5 thorization Act for Fiscal Year 2010 (Public Law
6 111–84; 10 U.S.C. 2458 note).

7 (62) Section 347 of the Strom Thurmond Na-
8 tional Defense Authorization Act for Fiscal Year
9 1999 (Public Law 105–261; 10 U.S.C. 2458 note).

10 (63) Section 349 of the Strom Thurmond Na-
11 tional Defense Authorization Act for Fiscal Year
12 1999 (Public Law 105–261; 10 U.S.C. 2458 note).

13 (64) Section 395 of the National Defense Au-
14 thorization Act for Fiscal Year 1998 (Public Law
15 105–85; 10 U.S.C. 2458 note).

16 (65) Section 352 of the National Defense Au-
17 thorization Act for Fiscal Year 1996 (Public Law
18 104–106; 10 U.S.C. 2458 note).

19 (66) Section 325 of the Ronald W. Reagan Na-
20 tional Defense Authorization Act for Fiscal Year
21 2005 (Public Law 108–375; 10 U.S.C. 2461 note).

22 (67) Section 336 of the National Defense Au-
23 thorization Act for Fiscal Year 2004 (Public Law
24 108–136; 10 U.S.C. 2461 note).

1 (68) Section 353(a) of the National Defense
2 Authorization Act for Fiscal Year 1996 (Public Law
3 104–106; 10 U.S.C. 2461 note).

4 (69) Section 353(b) of the National Defense
5 Authorization Act for Fiscal Year 1996 (Public Law
6 104–106; 10 U.S.C. 2461 note).

7 (70) Section 356 of the National Defense Au-
8 thorization Act for Fiscal Year 1996 (Public Law
9 104–106; 10 U.S.C. 2461 note).

10 (71) Section 1010 of the USA Patriot Act of
11 2001 (Public Law 107–56; 10 U.S.C. 2465 note).

12 (72) Section 4101 of the National Defense Au-
13 thorization Act for Fiscal Year 1993 (Public Law
14 102–484; 10 U.S.C. 2500 note).

15 (73) Section 852 of the National Defense Au-
16 thorization Act for Fiscal Year 2012 (Public Law
17 112–81; 10 U.S.C. 2504 note).

18 (74) Section 823 of the National Defense Au-
19 thorization Act for Fiscal Year 2004 (Public Law
20 108–136; 10 U.S.C. 2521 note).

21 (75) Section 823 of the Ike Skelton National
22 Defense Authorization Act for Fiscal Year 2011
23 (Public Law 111–383; 10 U.S.C. 2533b note).

1 (76) Section 804(h) of the National Defense
2 Authorization Act for Fiscal Year 2008 (Public Law
3 110–181; 10 U.S.C. 2533b note).

4 (77) Section 842(b) of the John Warner Na-
5 tional Defense Authorization Act for Fiscal Year
6 2007 (Public Law 109–364; 10 U.S.C. 2533b note).

7 (78) Section 343 of the Floyd D. Spence Na-
8 tional Defense Authorization Act for Fiscal Year
9 2001 (as enacted into law by Public Law 106–398;
10 10 U.S.C. 4551 note).

11 **SEC. 813. REPEAL OF CERTAIN DEPARTMENT OF DEFENSE**
12 **REPORTING REQUIREMENTS.**

13 (a) AMENDMENTS TO TITLE 10, UNITED STATES
14 CODE.—Title 10, United States Code, is amended as fol-
15 lows:

16 (1) SECTION 118A.—Section 118a is amended
17 by striking subsection (d).

18 (2) SECTION 1116.—Section 1116 is amended
19 by striking subsection (d).

20 (3) SECTION 2275.—

21 (A) REPEAL.—Section 2275 is repealed.

22 (B) CLERICAL AMENDMENT.—The table of
23 sections at the beginning of chapter 135 is
24 amended by striking the item relating to section
25 2275.

1 (4) SECTION 2276.—Section 2276 is amended
2 by striking subsection (e).

3 (5) SECTION 10543.—

4 (A) REPEAL.—Section 10543 is repealed.

5 (B) CLERICAL AMENDMENT.—The table of
6 sections at the beginning of chapter 1013 is
7 amended by striking the item relating to section
8 10543.

9 (b) NDAA FOR FY 2007.—Section 122 of the John
10 Warner National Defense Authorization Act for Fiscal
11 Year 2007 (Public Law 109–364; 120 Stat. 2104), as
12 amended by section 121 of the National Defense Author-
13 ization Act for Fiscal Year 2014 (Public Law 113–66; 127
14 Stat. 691), is amended by striking subsection (d).

15 (c) NDAA FOR FY 2008.—The National Defense
16 Authorization Act for Fiscal Year 2008 (Public Law 110–
17 181) is amended—

18 (1) in section 911(f) (10 U.S.C. 2271 note)—

19 (A) in the subsection heading, by striking
20 “; BIENNIAL UPDATE”;

21 (B) in paragraph (3), by striking “, and
22 each update required by paragraph (2),”; and

23 (C) by striking paragraph (2) and redesign-
24 nating paragraph (3) as paragraph (2); and

25 (2) in section 1107 (10 U.S.C. 2358 note)—

1 (A) in subsection (c), by striking “dem-
2 onstration laboratory” and inserting “labora-
3 tory designated by the Secretary of Defense
4 under the provisions of section 342(b) of the
5 National Defense Authorization Act for Fiscal
6 Year 1995 (Public Law 103–337; 108 Stat.
7 2721)”; and

8 (B) by striking subsections (d) and (e).

9 (d) NDAA FOR FY 2009.—Section 1047(d) of the
10 Duncan Hunter National Defense Authorization Act for
11 Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2366b
12 note) is amended—

13 (1) in the subsection heading, by striking
14 “BANDWIDTH” and all that follows through “The
15 Secretary” and inserting “BANDWIDTH REQUIRE-
16 MENTS.—The Secretary”; and

17 (2) by striking paragraph (2).

18 (e) NDAA FOR FY 2010.—Section 1244 of the Na-
19 tional Defense Authorization Act for Fiscal Year 2010
20 (Public Law 111–84; 22 U.S.C. 1928 note) is amended
21 by striking subsection (d).

22 (f) NDAA FOR FY 2011.—Section 1217 of the Ike
23 Skelton National Defense Authorization Act for Fiscal
24 Year 2011 (Public Law 111–383; 22 U.S.C. 7513 note)
25 is amended by striking subsection (i).

1 (g) NDAA FOR FY 2013.—The National Defense
2 Authorization Act for Fiscal Year 2013 (Public Law 112–
3 239) is amended—

4 (1) in section 524 (126 Stat. 1723; 10 U.S.C.
5 1222 note) by striking subsection (c); and

6 (2) in section 904(h) (10 U.S.C. 133 note)—

7 (A) by striking “REPORTS TO CONGRESS”
8 and all that follows through “(3) ADDITIONAL
9 CONGRESSIONAL NOTIFICATION.—” and insert-
10 ing “CONGRESSIONAL NOTIFICATION.—”; and

11 (B) by striking “Under Secretary of De-
12 fense for Acquisition, Technology, and Logis-
13 tics” and inserting “Under Secretary of De-
14 fense for Research and Engineering”.

15 (h) NDAA FOR FY 2015.—Section 1026(d) of the
16 Carl Levin and Howard P. “Buck” McKeon National De-
17 fense Authorization Act for Fiscal Year 2015 (Public Law
18 113–291; 128 Stat. 3490) is repealed.

19 (i) MILITARY CONSTRUCTION AUTHORIZATION ACT,
20 1982.—Section 703 of the Military Construction Author-
21 ization Act, 1982 (Public Law 97–99; 95 Stat. 1376) is
22 amended by striking subsection (g).

23 (j) CONFORMING AMENDMENTS.—

24 (1) NDAA FOR FY 2017.—Section 1061 of the
25 National Defense Authorization Act for Fiscal Year

1 2017 (Public Law 114–328; 10 U.S.C. 111 note) is
2 amended—

3 (A) in subsection (c), by striking para-
4 graphs (3), (28), (40), (41), and (63);

5 (B) in subsection (d), by striking para-
6 graph (3);

7 (C) in subsection (f), by striking para-
8 graphs (1) and (2);

9 (D) in subsection (g), by striking para-
10 graph (3);

11 (E) in subsection (h), by striking para-
12 graph (3); and

13 (F) in subsection (i), by striking para-
14 graphs (17), (19), and (24).

15 (2) NDAA FOR FY 2000.—Section 1031 of the
16 National Defense Authorization Act for Fiscal Year
17 2000 (Public Law 106–65; 113 Stat. 749; 31 U.S.C.
18 1113 note) is amended by striking paragraph (32).

19 **Subtitle B—Amendments to Gen-**
20 **eral Contracting Authorities,**
21 **Procedures, and Limitations**

22 **SEC. 821. CONTRACT GOAL FOR THE ABILITYONE PRO-**
23 **GRAM.**

24 (a) CONTRACT GOAL FOR THE ABILITYONE PRO-
25 GRAM.—Chapter 137 of title 10, United States Code, is

1 amended by inserting after section 2323a the following
2 new section:

3 **“§ 2323b. Contract goal for the AbilityOne program**

4 “(a) GOAL.—The Secretary of Defense shall establish
5 a goal for each fiscal year for the procurement of products
6 and services from the procurement list established pursu-
7 ant to section 8503 of title 41 of an amount equal to 1.5
8 percent of the total amount of funds obligated for con-
9 tracts entered into with the Department of Defense in
10 such fiscal year for procurement.

11 “(b) ANNUAL REPORT.—At the conclusion of each
12 fiscal year, the Secretary of Defense shall submit to the
13 Committee for Purchase From People Who Are Blind or
14 Severely Disabled (established under section 8502 of title
15 41) a report on the progress toward attaining the goal
16 established under subsection (a) with respect to such fiscal
17 year. The report shall include—

18 “(1) if the goal was not achieved, a plan to
19 achieve the goal in the next fiscal year; and

20 “(2) if the goal was achieved, a strategy to ex-
21 ceed the goal in the next fiscal year.”.

22 (b) CLERICAL AMENDMENT.—The table of sections
23 at the beginning of such chapter is amended by inserting
24 after the item relating to section 2323a the following new
25 item:

“2323b. Contract goal for the AbilityOne program.”.

1 **SEC. 822. INCREASED MICRO-PURCHASE THRESHOLD AP-**
2 **PLICABLE TO DEPARTMENT OF DEFENSE**
3 **PROCUREMENTS.**

4 (a) IN GENERAL.—Section 2338 of title 10, United
5 States Code, is amended—

6 (1) by striking “Notwithstanding subsection (a)
7 of section 1902 of title 41, the” and inserting
8 “The”; and

9 (2) by striking “\$5,000” and inserting
10 “\$10,000”.

11 (b) CONFORMING AMENDMENTS.—

12 (1) REPEAL OF MICRO-PURCHASE THRESHOLD
13 FOR CERTAIN DEPARTMENT OF DEFENSE ACTIVI-
14 TIES.—

15 (A) IN GENERAL.—Section 2339 of title
16 10, United States Code, is repealed.

17 (B) CLERICAL AMENDMENT.—The table of
18 sections at the beginning of chapter 137 of such
19 title is amended by striking the item relating to
20 section 2339.

21 (2) MICRO-PURCHASE THRESHOLD FOR NON-
22 DEPARTMENT OF DEFENSE PURCHASES.—Section
23 1902(a)(1) of title 41, United States Code, is
24 amended by striking “sections 2338 and 2339 of
25 title 10 and”.

1 **SEC. 823. PREFERENCE FOR OFFERORS EMPLOYING VET-**
2 **ERANS.**

3 (a) IN GENERAL.—Chapter 137 of title 10, United
4 States Code, is amended by adding at the end the fol-
5 lowing new section:

6 **“§ 2339a. Preference for offerors employing veterans**

7 “(a) PREFERENCE.—In awarding a contract for the
8 procurement of goods or services for the Department of
9 Defense, the head of an agency may establish a preference
10 for offerors that employ veterans on a full-time basis. The
11 Secretary of Defense shall determine the criteria for use
12 of such preference.

13 “(b) CONGRESSIONAL NOTIFICATION.—Prior to es-
14 tablishing the preference described in subsection (a), the
15 Secretary of Defense shall provide a briefing to the Com-
16 mittee on Armed Services of the House of Representatives
17 on—

18 “(1) a plan for implementing such preference,
19 including—

20 “(A) penalties for an offeror that willfully
21 and intentionally misrepresents the veteran sta-
22 tus of the employees of the offeror in a bid sub-
23 mitted under subsection (a); and

24 “(B) reporting on use of such preference;
25 and

1 “(2) the process for assessing and verifying of-
2 feror compliance with regulations relating to equal
3 opportunity for veterans requirements.”.

4 (b) CLERICAL AMENDMENT.—The table of sections
5 at the beginning of such chapter is amended by inserting
6 after the item relating to section 2339 the following new
7 item:

“2339a. Preference for offerors employing veterans.”.

8 **SEC. 824. REVISION OF REQUIREMENT TO SUBMIT INFOR-**
9 **MATION ON SERVICES CONTRACTS TO CON-**
10 **GRESS.**

11 Section 2329(b) of title 10, United States Code, is
12 amended—

13 (1) by striking “October 1, 2022” and inserting
14 “October 1, 2020”; and

15 (2) in paragraph (1)—

16 (A) by striking “at or about” and inserting
17 “at or before”; and

18 (B) by inserting “or on the date on which
19 the future-years defense program is submitted
20 to Congress under section 221 of this title”
21 after “title 31”;

22 (3) in paragraph (3), by striking “and” at the
23 end;

24 (4) in paragraph (4), by striking the period at
25 the end and inserting “; and”; and

1 (5) by adding at the end the following new
2 paragraph:

3 “(5) be included in the future-years defense
4 program submitted to Congress under section 221 of
5 this title.”.

6 **SEC. 825. DATA COLLECTION AND INVENTORY FOR SERV-**
7 **ICES CONTRACTS.**

8 Section 2330a of title 10, United States Code, is
9 amended—

10 (1) in subsection (a)—

11 (A) by striking “\$3,000,000” and inserting
12 “the simplified acquisition threshold”;

13 (B) by striking “in the following service
14 acquisition portfolio groups:” and inserting “in
15 any service acquisition portfolio group.”; and

16 (C) by striking paragraphs (1) through
17 (4);

18 (2) in subsection (c)(1)—

19 (A) by striking “staff augmentation con-
20 tracts” and inserting “services contracts”; and

21 (B) by striking “Under Secretary of De-
22 fense for Acquisition, Technology, and Logis-
23 tics” each place it appears and inserting
24 “Under Secretary of Defense for Acquisition
25 and Sustainment”; and

1 (3) in subsection (h)—

2 (A) by striking paragraph (6); and

3 (B) by redesignating paragraphs (7) and

4 (8) as paragraphs (6) and (7), respectively.

5 **SEC. 826. COMPETITION REQUIREMENTS FOR PURCHASES**
6 **FROM FEDERAL PRISON INDUSTRIES.**

7 (a) COMPETITION REQUIREMENTS FOR PURCHASES
8 FROM FEDERAL PRISON INDUSTRIES.—Subsections (a)
9 and (b) of section 2410n of title 10, United States Code,
10 are amended to read as follows:

11 “(a) MARKET RESEARCH.—Before purchasing a
12 product listed in the latest edition of the Federal Prison
13 Industries catalog published under section 4124(d) of title
14 18, the Secretary of Defense shall conduct market re-
15 search to determine whether such product—

16 “(1) is comparable to products available from
17 the private sector; and

18 “(2) best meets the needs of the Department of
19 Defense in terms of price, quality, and time of deliv-
20 ery.

21 “(b) COMPETITION REQUIREMENT.—If the Secretary
22 determines that a Federal Prison Industries product is not
23 comparable to products available from the private sector
24 and does not best meet the needs of the Department of
25 Defense in terms of price, quality, or time of delivery pur-

1 suant to subsection (a), the Secretary shall use competitive
2 procedures or make an individual purchase under a mul-
3 tiple award contract for the procurement of the product.
4 In conducting such a competition or making such a pur-
5 chase, the Secretary shall consider a timely offer from
6 Federal Prison Industries.”.

7 (b) EFFECTIVE DATE.—The amendment made by
8 subsection (a) shall take effect 60 days after the date of
9 the enactment of this Act.

10 **SEC. 827. REQUIREMENT FOR A FAIR AND REASONABLE**
11 **PRICE FOR TECHNICAL DATA BEFORE DE-**
12 **VELOPMENT OR PRODUCTION OF MAJOR**
13 **WEAPON SYSTEMS.**

14 Section 2439 of title 10, United States Code, is
15 amended—

16 (1) by inserting “, to the maximum extent prac-
17 ticable,” after “shall ensure”; and

18 (2) by inserting “fair and reasonable” after
19 “negotiates a”.

1 **SEC. 828. REVISIONS IN AUTHORITY RELATING TO PRO-**
2 **GRAM COST TARGETS AND FIELDING TAR-**
3 **GETS FOR MAJOR DEFENSE ACQUISITION**
4 **PROGRAMS.**

5 (a) REVISIONS IN AUTHORITY RELATING TO PRO-
6 GRAM COST AND FIELDING TARGETS.—Section 2448a of
7 title 10, United States Code, is amended—

8 (1) in subsection (a), by striking “the Secretary
9 of Defense” and inserting “the appropriate Sec-
10 retary”;

11 (2) by striking subsection (b); and

12 (3) by redesignating subsection (c) as sub-
13 section (b) and adding at the end of that subsection
14 the following new paragraph:

15 “(3) The term ‘appropriate Secretary’, with re-
16 spect to a major defense acquisition program,
17 means—

18 “(A) the Secretary of the military depart-
19 ment that is managing the program; or

20 “(B) in the case of a program for which an
21 alternate milestone decision authority is des-
22 ignated under section 2430(d)(2) of this title,
23 the Secretary of Defense.”.

24 (b) CONFORMING AMENDMENTS.—Such title is fur-
25 ther amended—

1 (1) in section 2366a(c)(1)(A) by striking “by
2 the Secretary of Defense”; and

3 (2) in section 2366b—

4 (A) in subsection (a)(3)(D), by striking
5 “Secretary of Defense” and inserting “appro-
6 priate Secretary (as defined in such section
7 2448a)”; and

8 (B) in subsection (c)(1)(A), by striking
9 “by the Secretary of Defense”.

10 **SEC. 829. REVISION OF TIMELINE FOR USE OF THE RAPID**
11 **FIELDING PATHWAY FOR ACQUISITION PRO-**
12 **GRAMS.**

13 Section 804(b)(2) of the National Defense Authoriza-
14 tion Act for Fiscal Year 2016 (Public Law 114–92; 10
15 U.S.C. 2302 note) is amended by striking “complete field-
16 ing within five years” and inserting “complete low-rate
17 initial production (as described under section 2400 of title
18 10, United States Code) within five years”.

19 **SEC. 830. CLARIFICATION OF SERVICES CONTRACTING**
20 **DEFINITIONS.**

21 Not later than 180 days after the date of the enact-
22 ment of this Act, the Secretary of Defense shall revise the
23 Defense Federal Acquisition Regulation Supplement to
24 clarify the definitions of and relationships between terms
25 related to services contracts, including the appropriate use

1 of personal services contracts and nonpersonal services
2 contracts, and the responsibilities of individuals in the ac-
3 quisition workforce with respect to such contracts.

4 **Subtitle C—Provisions Relating to** 5 **Commercial Items**

6 **SEC. 831. REVISION OF DEFINITION OF COMMERCIAL ITEM** 7 **FOR PURPOSES OF FEDERAL ACQUISITION** 8 **STATUTES.**

9 (a) DEFINITIONS IN CHAPTER 1 OF TITLE 41,
10 UNITED STATES CODE.—

11 (1) SEPARATION OF “COMMERCIAL ITEM” DEF-
12 INITION INTO DEFINITIONS OF “COMMERCIAL PROD-
13 UCT” AND “COMMERCIAL SERVICE”.—Chapter 1 of
14 title 41, United States Code, is amended by striking
15 section 103 and inserting the following new sections:

16 **“§ 103. Commercial product**

17 “In this subtitle, the term ‘commercial product’
18 means any of the following:

19 “(1) A product, other than real property,
20 that—

21 “(A) is of a type customarily used by the
22 general public or by nongovernmental entities
23 for purposes other than governmental purposes;
24 and

1 “(B) has been sold, leased, or licensed, or
2 offered for sale, lease, or license, to the general
3 public.

4 “(2) A product that—

5 “(A) evolved from a product described in
6 paragraph (1) through advances in technology
7 or performance; and

8 “(B) is not yet available in the commercial
9 marketplace but will be available in the com-
10 mercial marketplace in time to satisfy the deliv-
11 ery requirements under a Federal Government
12 solicitation.

13 “(3) A product that would satisfy the criteria in
14 paragraph (1) or (2) were it not for—

15 “(A) modifications of a type customarily
16 available in the commercial marketplace; or

17 “(B) minor modifications made to meet
18 Federal Government requirements.

19 “(4) Any combination of products meeting the
20 requirements of paragraph (1), (2), or (3) that are
21 of a type customarily combined and sold in combina-
22 tion to the general public.

23 “(5) A product, or combination of products, re-
24 ferred to in paragraphs (1) through (4), even though
25 the product, or combination of products, is trans-

1 ferred between or among separate divisions, subsidi-
2 aries, or affiliates of a contractor.

3 “(6) A nondevelopmental item if the procuring
4 agency determines, in accordance with conditions in
5 the Federal Acquisition Regulation, that—

6 “(A) the product was developed exclusively
7 at private expense; and

8 “(B) has been sold in substantial quan-
9 tities, on a competitive basis, to multiple State
10 and local governments or to multiple foreign
11 governments.

12 **“§ 103a. Commercial service**

13 “In this subtitle, the term ‘commercial service’ means
14 any of the following:

15 “(1) Installation services, maintenance services,
16 repair services, training services, and other services
17 if—

18 “(A) those services are procured for sup-
19 port of a commercial product, regardless of
20 whether the services are provided by the same
21 source or at the same time as the commercial
22 product; and

23 “(B) the source of the services provides
24 similar services contemporaneously to the gen-

1 eral public under terms and conditions similar
2 to those offered to the Federal Government;

3 “(2) Services of a type offered and sold com-
4 petitively, in substantial quantities, in the commer-
5 cial marketplace—

6 “(A) based on established catalog or mar-
7 ket prices;

8 “(B) for specific tasks performed or spe-
9 cific outcomes to be achieved; and

10 “(C) under standard commercial terms and
11 conditions.

12 “(3) A service described in paragraph (1) or
13 (2), even though the service is transferred between
14 or among separate divisions, subsidiaries, or affili-
15 ates of a contractor.”.

16 (2) CONFORMING AMENDMENTS TO TITLE 41
17 DEFINITIONS.—

18 (A) DEFINITION OF COMMERCIAL COMPO-
19 NENT.—Section 102 of such title is amended by
20 striking “commercial item” and inserting “com-
21 mercial product”.

22 (B) DEFINITION OF COMMERCIALLY
23 AVAILABLE OFF-THE-SHELF ITEM.—Section
24 104(1)(A) is amended by striking “commercial
25 item” and inserting “commercial product”.

1 (C) DEFINITION OF NONDEVELOPMENTAL
2 ITEM.—Section 110(1) of such title is amended
3 by striking “commercial item” and inserting
4 “commercial product”.

5 (3) CLERICAL AMENDMENT.—The table of sec-
6 tions at the beginning of chapter 1 of title 41,
7 United States Code, is amended by striking the item
8 relating to section 103 and inserting the following
9 new items:

“103. Commercial product.
“103a. Commercial service.”.

10 (b) CONFORMING AMENDMENTS TO OTHER PROVI-
11 SIONS OF TITLE 41, UNITED STATES CODE.—Title 41,
12 United States Code, is further amended as follows:

13 (1) Section 1502(b) is amended—

14 (A) in paragraph (1)(A), by striking “com-
15 mercial items” and inserting “commercial prod-
16 ucts or commercial services”;

17 (B) in paragraph (1)(C)(i), by striking
18 “commercial item” and inserting “commercial
19 product or commercial service”; and

20 (C) in paragraph (3)(A)(i), by striking
21 “commercial items” and inserting “commercial
22 products or commercial services”.

1 (2) Section 1705(c) is amended by striking
2 “commercial items” and inserting “commercial prod-
3 ucts and commercial services”.

4 (3) Section 1708 is amended by striking “com-
5 mercial items” in subsections (c)(6) and (e)(3) and
6 inserting “commercial products or commercial serv-
7 ices”.

8 (4) Section 1901 is amended—

9 (A) in subsection (a)(2), by striking “com-
10 mercial items” and inserting “commercial prod-
11 ucts or commercial services”; and

12 (B) in subsection (e)—

13 (i) by striking “COMMERCIAL ITEMS”
14 in the subsection heading and inserting
15 “COMMERCIAL PRODUCTS AND COMMER-
16 CIAL SERVICES”; and

17 (ii) by striking “commercial items”
18 and inserting “commercial products or
19 commercial services”.

20 (5) Section 1903(c) is amended—

21 (A) in the subsection heading, by striking
22 “COMMERCIAL ITEM” and inserting “COMMER-
23 CIAL PRODUCT OR COMMERCIAL SERVICE”;

1 (B) in paragraph (1), by striking “as a
2 commercial item” and inserting “as a commer-
3 cial product or a commercial service”; and

4 (C) in paragraph (2), by striking “for an
5 item or service treated as a commercial item”
6 and inserting “for a product or service treated
7 as a commercial product or a commercial serv-
8 ice”.

9 (6)(A) Section 1906 is amended by striking
10 “commercial items” each place it appears in sub-
11 sections (b), (c), and (d) and inserting “commercial
12 products or commercial services”.

13 (B)(i) The heading of such section is amended
14 to read as follows:

15 **“§ 1906. List of laws inapplicable to procurements of**
16 **commercial products and commercial**
17 **services”.**

18 (ii) The table of sections at the beginning of
19 chapter 19 is amended by striking the item relating
20 to section 1906 and inserting the following new
21 item:

“1906. List of laws inapplicable to procurements of commercial products and
commercial services.”.

22 (7) Section 3304 is amended by striking “com-
23 mercial item” in subsections (a)(5) and (e)(4)(B)
24 and inserting “commercial product”.

1 (8) Section 3305(a)(2) is amended by striking
2 “commercial items” and inserting “commercial prod-
3 ucts or commercial services”.

4 (9) Section 3306(b) is amended by striking
5 “commercial items” and inserting “commercial prod-
6 ucts or commercial services”.

7 (10)(A) Section 3307 is amended—

8 (i) in subsection (a)—

9 (I) by striking “COMMERCIAL ITEMS”
10 in the subsection heading and inserting
11 “COMMERCIAL PRODUCTS AND COMMER-
12 CIAL SERVICES”;

13 (II) in paragraph (1), by striking
14 “commercial items” and inserting “com-
15 mercial products and commercial services”;
16 and

17 (III) in paragraph (2), by striking “a
18 commercial item” and inserting “a com-
19 mercial product or commercial service”;

20 (ii) in subsection (b)—

21 (I) in paragraph (2), by striking
22 “commercial items or, to the extent that
23 commercial items suitable to meet the ex-
24 ecutive agency’s needs are not available,
25 nondevelopmental items other than com-

1 mercial items” and inserting “commercial
2 services or commercial products or, to the
3 extent that commercial products suitable to
4 meet the executive agency’s needs are not
5 available, nondevelopmental items other
6 than commercial products”; and

7 (II) in paragraph (3), by striking
8 “commercial items and nondevelopmental
9 items other than commercial items” and
10 inserting “commercial services, commercial
11 products, and nondevelopmental items
12 other than commercial products”;

13 (iii) in subsection (c)—

14 (I) in paragraphs (1) and (2), by
15 striking “commercial items or nondevelop-
16 mental items other than commercial items”
17 and inserting “commercial services or com-
18 mercial products or nondevelopmental
19 items other than commercial products”;

20 (II) in paragraphs (3) and (4), by
21 striking “commercial items or, to the ex-
22 tent that commercial items suitable to
23 meet the executive agency’s needs are not
24 available, nondevelopmental items other
25 than commercial items” and inserting

1 “commercial services or commercial prod-
2 ucts or, to the extent that commercial
3 products suitable to meet the executive
4 agency’s needs are not available, non-
5 developmental items other than commercial
6 products”; and

7 (III) in paragraphs (5) and (6), by
8 striking “commercial items” and inserting
9 “commercial products and commercial
10 services”;

11 (iv) in subsection (d)(2), by striking “com-
12 mercial items or, to the extent that commercial
13 items suitable to meet the executive agency’s
14 needs are not available, nondevelopmental items
15 other than commercial items” and inserting
16 “commercial services or commercial products
17 or, to the extent that commercial products suit-
18 able to meet the executive agency’s needs are
19 not available, nondevelopmental items other
20 than commercial products”; and

21 (v) in subsection (e)—

22 (I) in paragraph (1), by inserting
23 “103a, 104,” after “sections 102, 103,”;

1 (II) in paragraph (2)(A), by striking
2 “commercial items” and inserting “com-
3 mercial products or commercial services”;

4 (III) in the first sentence of para-
5 graph (2)(B), by striking “commercial end
6 items” and inserting “end items that are
7 commercial products”;

8 (IV) in paragraphs (2)(B)(i), (2)(C)(i)
9 and (2)(D), by striking “commercial items
10 or commercial components” and inserting
11 “commercial products, commercial compo-
12 nents, or commercial services”;

13 (V) in paragraph (2)(C), in the mat-
14 ter preceding clause (i), by striking “com-
15 mercial items” and inserting “commercial
16 products or commercial services”;

17 (VI) in paragraph (4)(A), by striking
18 “commercial items” and inserting “com-
19 mercial products or commercial services”;

20 (VII) in paragraph (4)(C)(i), by strik-
21 ing “commercial item, as described in sec-
22 tion 103(5)” and inserting “commercial
23 product, as described in section 103a(1)”;
24 and

1 (VIII) in paragraph (5), by striking
2 “items” each place it appears and insert-
3 ing “products”.

4 (B)(i) The heading of such section is amended
5 to read as follows:

6 **“§ 3307. Preference for commercial products and**
7 **commercial services”.**

8 (ii) The table of sections at the beginning of
9 chapter 33 is amended by striking the item relating
10 to section 3307 and inserting the following new
11 item:

“3307. Preference for commercial products and commercial services.”.

12 (11) Section 3501 is amended—

13 (A) in subsection (a)—

14 (i) by striking paragraph (1);

15 (ii) by redesignating paragraphs (2)
16 and (3) as paragraphs (1) and (2), respec-
17 tively; and

18 (iii) in paragraph (2) (as so redesign-
19 nated), by striking “commercial items”
20 and inserting “commercial products or
21 commercial services”; and

22 (B) in subsection (b)—

23 (i) by striking “ITEM” in the heading
24 for paragraph (1); and

1 (ii) by striking “commercial items” in
2 paragraphs (1) and (2)(A) and inserting
3 “commercial services”.

4 (12) Section 3503 is amended—

5 (A) in subsection (a)(2), by striking “a
6 commercial item” and inserting “a commercial
7 product or a commercial service”; and

8 (B) in subsection (b)—

9 (i) by striking “COMMERCIAL ITEMS”
10 in the subsection heading and inserting
11 “COMMERCIAL PRODUCTS OR COMMER-
12 CIAL SERVICES”; and

13 (ii) by striking “a commercial item”
14 each place it appears and inserting “a
15 commercial product or a commercial serv-
16 ice”.

17 (13) Section 3505(b) is amended by striking
18 “commercial items” each place it appears and in-
19 serting “commercial products or commercial serv-
20 ices”.

21 (14) Section 3509(b) is amended by striking
22 “commercial items” and inserting “commercial prod-
23 ucts or commercial services”.

1 (15) Section 3704(c)(5) is amended by striking
2 “commercial item” and inserting “commercial prod-
3 uct”.

4 (16) Section 3901(b)(3) is amended by striking
5 “commercial items” and inserting “commercial prod-
6 ucts or commercial services”.

7 (17) Section 4301(2) is amended by striking
8 “commercial items” and inserting “commercial prod-
9 ucts or commercial services”.

10 (18)(A) Section 4505 is amended by striking
11 “commercial items” in subsections (a) and (c) and
12 inserting “commercial products or commercial serv-
13 ices”.

14 (B)(i) The heading of such section is amended
15 to read as follows:

16 **“§ 4505. Payments for commercial products and com-
17 mercial services”.**

18 (ii) The table of sections at the beginning of
19 chapter 45 is amended by striking the item relating
20 to section 4505 and inserting the following new
21 item:

 “4505. Payments for commercial products and commercial services.”.

22 (19) Section 4704(d) is amended by striking
23 “commercial items” both places it appears and in-
24 serting “commercial products or commercial serv-
25 ices”.

1 (20) Sections 8102(a)(1), 8703(d)(2), and
2 8704(b) are amended by striking “commercial items
3 (as defined in section 103 of this title)” and insert-
4 ing “commercial products or commercial services (as
5 defined in sections 103 and 103a, respectively, of
6 this title)”.

7 (c) AMENDMENTS TO CHAPTER 137 OF TITLE 10,
8 UNITED STATES CODE.—Chapter 137 of title 10, United
9 States Code, is amended as follows:

10 (1) Section 2302(3) is amended—

11 (A) by redesignating subparagraphs (J),
12 (K), and (L) as subparagraphs (K), (L), and
13 (M); and

14 (B) by striking subparagraph (I) and in-
15 serting the following new subparagraphs (I) and
16 (J):

17 “(I) The term ‘commercial product’.

18 “(J) The term ‘commercial service’.”.

19 (2) Section 2304 is amended—

20 (A) in subsections (c)(5) and (f)(2)(B), by
21 striking “brand-name commercial item” and in-
22 serting “brand-name commercial product”;

23 (B) in subsection (g)(1)(B), by striking
24 “commercial items” and inserting “commercial
25 products or commercial services”; and

1 (C) in subsection (i)(3), by striking “com-
2 mercial items” and inserting “commercial prod-
3 ucts”.

4 (3) Section 2305 is amended—

5 (A) in subsection (a)(2), by striking “com-
6 mercial items” and inserting “commercial prod-
7 ucts or commercial services”; and

8 (B) in subsection (b)(5)(B)(v), by striking
9 “commercial item” and inserting “commercial
10 product”.

11 (4) Section 2306(b) is amended by striking
12 “commercial items” and inserting “commercial prod-
13 ucts or commercial services”.

14 (5) Section 2306a is amended—

15 (A) in subsection (b)—

16 (i) in paragraph (1)(B), by striking
17 “a commercial item” and inserting “a com-
18 mercial product or a commercial service”;

19 (ii) in paragraph (2)—

20 (I) by striking “COMMERCIAL
21 ITEMS” in the paragraph heading and
22 inserting “COMMERCIAL PRODUCTS
23 OR COMMERCIAL SERVICES”; and

24 (II) by striking “commercial
25 item” each place it appears and in-

1 serting “commercial product or com-
2 mercial services”;

3 (iii) in paragraph (3)—

4 (I) by striking “COMMERCIAL
5 ITEMS” in the paragraph heading and
6 inserting “COMMERCIAL PRODUCTS”;
7 and

8 (II) by striking “item” each place
9 it appears and inserting “product”;
10 and

11 (iv) in paragraph (4)—

12 (I) by striking “COMMERCIAL
13 ITEM” in the paragraph heading and
14 inserting “COMMERCIAL PRODUCT OR
15 COMMERCIAL SERVICE”;

16 (II) by striking “commercial
17 item” in subparagraph (A) after “ap-
18 plying the”;

19 (III) by striking “prior commer-
20 cial item determination” in subpara-
21 graph (A) and inserting “prior com-
22 mercial product or commercial service
23 determination”;

1 (IV) by striking “of such item”
2 in subparagraph (A) and inserting “of
3 such product or service”;

4 (V) by striking “of an item pre-
5 viously determined to be a commercial
6 item” in subparagraph (B) and insert-
7 ing “of a product or service previously
8 determined to be a commercial prod-
9 uct or a commercial service”;

10 (VI) by striking “of a commercial
11 item,” in subparagraph (B) and in-
12 serting “of a commercial product or a
13 commercial service, as the case may
14 be,”;

15 (VII) by striking “the commer-
16 cial item determination” in subpara-
17 graph (B) and inserting “the commer-
18 cial product or commercial service de-
19 termination”; and

20 (VIII) by striking “commercial
21 item” in subparagraph (C); and

22 (v) in paragraph (5), by striking
23 “commercial items” and inserting “com-
24 mercial products or commercial services”;

1 (B) in subsection (d)(2), by striking “com-
2 mercial items” each place it appears and insert-
3 ing “commercial products or commercial serv-
4 ices”; and

5 (C) in subsection (h)—

6 (i) in paragraph (2), by striking
7 “commercial items” and inserting “com-
8 mercial products or commercial services”;
9 and

10 (ii) by striking paragraph (3).

11 (6) Section 2307(f) is amended—

12 (A) by striking “COMMERCIAL ITEMS” in
13 the subsection heading and inserting “COMMER-
14 CIAL PRODUCTS AND COMMERCIAL SERVICES”;
15 and

16 (B) by striking “commercial items” in
17 paragraphs (1) and (2) and inserting “commer-
18 cial products and commercial services”.

19 (7) Section 2320(b) is amended—

20 (A) in paragraph (1), by striking “a com-
21 mercial item, the item” and inserting “a com-
22 mercial product, the product”; and

23 (B) in paragraph (9)(A), by striking “any
24 noncommercial item or process” and inserting
25 “any noncommercial product or process”.

1 (8) Section 2321(f) is amended—

2 (A) in paragraph (1)—

3 (i) by striking “commercial items”

4 and inserting “commercial products”; and

5 (ii) by striking “the item” both places

6 it appears and inserting “commercial prod-

7 ucts”; and

8 (B) in paragraph (2)(A), in clauses (i) and

9 (ii), by striking “commercial item” and insert-

10 ing “commercial product”.

11 (9) Section 2324(l)(1)(A) is amended by strik-

12 ing “commercial items” and inserting “commercial

13 products or commercial services”.

14 (10) Section 2335(b) is amended by striking

15 “commercial items” and inserting “commercial prod-

16 ucts and commercial services”.

17 (d) AMENDMENTS TO CHAPTER 140 OF TITLE 10,

18 UNITED STATES CODE.—Chapter 140 of title 10, United

19 States Code, is amended as follows:

20 (1) Section 2375 is amended—

21 (A) in subsection (a), by striking “commer-

22 cial item” in paragraphs (1) and (2) and insert-

23 ing “commercial product or commercial serv-

24 ice”;

25 (B) in subsections (b) and (c)—

1 (i) by striking “COMMERCIAL ITEMS”
2 in the subsection heading and inserting
3 “COMMERCIAL PRODUCTS AND COMMER-
4 CIAL SERVICES”; and

5 (ii) by striking “commercial items”
6 each place it appears and inserting “com-
7 mercial products and commercial services”;
8 and

9 (C) in subsection (e)(3), by striking “com-
10 mercial items” and inserting “commercial prod-
11 ucts and commercial services”.

12 (2) Section 2376(1) is amended—

13 (A) by striking “terms ‘commercial item’,”
14 and inserting “terms ‘commercial product’,
15 ‘commercial service’,”; and

16 (B) by striking “chapter 1 of title 41” and
17 inserting “sections 103, 103a, 110, 105, and
18 102, respectively, of title 41”.

19 (3) Section 2377 is amended—

20 (A) in subsection (a)—

21 (i) in paragraph (2), by striking
22 “commercial items or, to the extent that
23 commercial items suitable to meet the
24 agency’s needs are not available, non-
25 developmental items other than commercial

1 items” and inserting “commercial services
2 or commercial products or, to the extent
3 that commercial products suitable to meet
4 the agency’s needs are not available, non-
5 developmental items other than commercial
6 products”; and

7 (ii) in paragraph (3), by striking
8 “commercial items and nondevelopmental
9 items other than commercial items” and
10 inserting “commercial services, commercial
11 products, and nondevelopmental items
12 other than commercial products”;

13 (B) in subsection (b)—

14 (i) in paragraphs (1) and (2), by
15 striking “commercial items or nondevelop-
16 mental items other than commercial items”
17 and inserting “commercial services, com-
18 mercial products, or nondevelopmental
19 items other than commercial products”;

20 (ii) in paragraphs (3) and (4), by
21 striking “commercial items or, to the ex-
22 tent that commercial items suitable to
23 meet the agency’s needs are not available,
24 nondevelopmental items other than com-
25 mercial items” and inserting “commercial

1 services or commercial products or, to the
2 extent that commercial products suitable to
3 meet the agency's needs are not available,
4 nondevelopmental items other than com-
5 mercial products"; and

6 (iii) in paragraphs (5) and (6), by
7 striking "commercial items" and inserting
8 "commercial products and commercial
9 services";

10 (C) in subsection (c)—

11 (i) in paragraph (2), by striking
12 "commercial items or, to the extent that
13 commercial items suitable to meet the
14 agency's needs are not available, non-
15 developmental items other than commercial
16 items" and inserting "commercial services
17 or commercial products or, to the extent
18 that commercial products suitable to meet
19 the agency's needs are not available, non-
20 developmental items other than commercial
21 products"; and

22 (ii) in paragraph (4), by striking
23 "items other than commercial items" and
24 inserting "products other than commercial

1 products or services other than commercial
2 services”;

3 (D) in subsection (d)—

4 (i) in the first sentence, by striking
5 “commercial items” and inserting “com-
6 mercial products or commercial services”;

7 (ii) in paragraph (1), by striking
8 “items” and inserting “products or serv-
9 ices”; and

10 (iii) in paragraph (2), by striking
11 “items” and inserting “products or serv-
12 ices”; and

13 (E) in subsection (e)(1), by striking “com-
14 mercial items” and inserting “commercial prod-
15 ucts and commercial services”.

16 (4) Section 2379 is amended—

17 (A) by striking “COMMERCIAL ITEMS” in
18 the headings of subsections (b) and (c) and in-
19 serting “COMMERCIAL PRODUCTS”;

20 (B) in subsections (a)(1)(A), (b)(2), and
21 (c)(1)(B), by striking “, as defined in section
22 103 of title 41”; and

23 (C) by striking “commercial item” and
24 “commercial items” each place they appear and

1 inserting “commercial product” and “commer-
2 cial products”, respectively.

3 (5) Section 2380 is amended—

4 (A) in subsection (a), by striking “commer-
5 cial item determinations” in paragraphs (1) and
6 (2) and inserting “commercial product and
7 commercial service determinations”; and

8 (B) in subsection (b) (as added by section
9 848 of the National Defense Authorization Act
10 for Fiscal Year 2018)—

11 (i) by striking “ITEM” in the sub-
12 section heading;

13 (ii) by striking “an item” each place
14 it appears and inserting “a product or
15 service”;

16 (iii) by striking “item” after “using
17 commercial” each place it appears;

18 (iv) by striking “prior commercial
19 item determination” and inserting “prior
20 commercial product or service determina-
21 tion”;

22 (v) by striking “such item” and in-
23 serting “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 “com-
12 mercial items” and inserting “commercial serv-
13 ices”.

14 (7) Section 2380B is amended by striking
15 “commercial item” and inserting “commercial prod-
16 uct”.

17 (8) AMENDMENTS TO HEADINGS, ETC.—

18 (A) The heading of such chapter is amend-
19 ed to read as follows:

20 **“CHAPTER 140—PROCUREMENT OF COM-**
21 **MERCIAL PRODUCTS AND COMMER-**
22 **CIAL SERVICES”.**

23 (B) The heading of section 2375 is amend-
24 ed to read as follows:

1 **“§ 2375. Relationship of other provisions of law to**
2 **procurement of commercial products and**
3 **commercial services”.**

4 (C) The heading of section 2377 is amend-
5 ed to read as follows:

6 **“§ 2377. Preference for commercial products and**
7 **commercial services”.**

8 (D) The heading of section 2379 is amend-
9 ed 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 amend-
15 ed 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
20 amended 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
4 of 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 com-
18 mercial services (as defined in sections 103 and
19 103a, respectively, of title 41)”.

1 (4) Section 2402(d) is amended—

2 (A) in paragraph (1), by striking “com-
3 mercial items” both places it appears and in-
4 serting “commercial products or commercial
5 services”; 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
11 41.”.

12 (5) Section 2408(a)(4)(B) is amended by strik-
13 ing “commercial items (as defined in section 103 of
14 title 41)” and inserting “commercial products or
15 commercial services (as defined in sections 103 and
16 103a, respectively, of title 41)”.

17 (6) Section 2410b(c) is amended by striking
18 “commercial items” and inserting “commercial prod-
19 ucts”.

20 (7) Section 2410g(d)(1) is amended by striking
21 “Commercial items (as defined in section 103 of title
22 41)” and inserting “Commercial products or com-
23 mercial services (as defined in sections 103 and
24 103a, respectively, of title 41)”.

25 (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
5 the period at the end the following: “and the
6 term ‘commercial product’ has the meaning
7 given that 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
14 “commercial items” and inserting “com-
15 mercial products or commercial services”;
16 and

17 (ii) in paragraph (5), by striking “The
18 commercial items covered by paragraph (3)
19 are commercial items” and inserting “The
20 commercial products or commercial serv-
21 ices covered by paragraph (3) are commer-
22 cial products (as defined in section 103 of
23 title 41) or commercial services (as defined
24 in section 103a of such title)”;

25 (B) in subsection (c)—

1 (i) by striking “COMMERCIAL ITEMS”
2 in the subsection heading and inserting
3 “COMMERCIAL PRODUCTS OR COMMER-
4 CIAL 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
15 tables of chapters at the beginning of subtitle A, and
16 at the beginning of part IV of subtitle A, are amend-
17 ed to read as follows:

**“140. Procurement of Commercial Products and Com-
mercial 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
22 (Public Law 102–190; 10 U.S.C. 2302 note) is
23 amended by striking “commercial items (as defined
24 in section 103 of title 41, United States Code)” and

1 inserting “commercial products or commercial serv-
2 ices (as defined in sections 103 and 103a, respec-
3 tively, of title 41, United States Code)”.

4 (2) Section 821(e) of the Floyd D. Spence Na-
5 tional Defense Authorization Act for Fiscal Year
6 2001 (as enacted into law by Public Law 106–398;
7 10 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 “com-
18 mercial item” and inserting “commercial prod-
19 uct”; and

20 (C) by adding at the end the following new
21 paragraph:

22 “(3) The term ‘commercial service’ has the
23 meaning 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
3 (Public Law 107–314; 10 U.S.C. 2306a note) is
4 amended—

5 (A) in paragraph (1), by striking “com-
6 mercial item exceptions” and inserting “com-
7 mercial product-commercial service exceptions”;
8 and

9 (B) in paragraph (2), by striking “com-
10 mercial item exception” and inserting “commer-
11 cial product-commercial service exception”;

12 (5) Section 852(b)(2)(A)(ii) of the National De-
13 fense Authorization Act for Fiscal Year 2007 (Pub-
14 lic Law 109–364; 10 U.S.C. 2324 note) is amended
15 by striking “a commercial item, as defined in section
16 103 of title 41” and inserting “a commercial prod-
17 uct or a commercial service, as defined in sections
18 103 and 103a, respectively, of title 41”.

19 (6) Section 805 of the National Defense Au-
20 thorization Act for Fiscal Year 2008 (Public Law
21 110–181; 10 U.S.C. 2330 note) is amended—

22 (A) in subsection (b), by striking “com-
23 mercial items” in paragraphs (1) and (2)(A)
24 and inserting “commercial services”; and

25 (B) in subsection (c)—

1 (i) by striking “ITEM” in the headings
2 for paragraphs (1) and (2) and inserting
3 “SERVICES”;

4 (ii) in the matter in paragraph (1)
5 preceding subparagraph (A), by striking
6 “commercial item” and inserting “commer-
7 cial service”;

8 (iii) in paragraph (1)(A), by striking
9 “a commercial item, as described in section
10 103(5) of title 41” and inserting “a serv-
11 ice, as described in section 103a(1) of title
12 41”;

13 (iv) in paragraph (1)(C)(i), by strik-
14 ing “section 103(6) of title 41” and insert-
15 ing “section 103a(2) of title 41”; and

16 (v) in paragraph (2), by striking
17 “item” and inserting “service”.

18 (7) Section 849(d) of the National Defense Au-
19 thorization Act for Fiscal Year 2017 (Public Law
20 114–328; 10 U.S.C. 2377 note) is amended—

21 (A) by striking “commercial items” in
22 paragraph (1) and inserting “commercial prod-
23 ucts”;

1 (B) by striking “commercial item” in para-
2 graph (3)(B)(i) and inserting “commercial
3 product”; and

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

6 “(5) DEFINITION.—In this subsection, the term
7 ‘commercial product’ has the meaning given that
8 term in section 103 of title 41.”.

9 (8) Section 856(a)(1) of the National Defense
10 Authorization Act for Fiscal Year 2016 (Public Law
11 114–92; 10 U.S.C. 2377 note) is amended by strik-
12 ing “commercial items or services” and inserting “a
13 commercial product or a commercial service, as de-
14 fined in sections 103 and 103a, respectively, of title
15 41,”.

16 (9) Section 879 of the National Defense Au-
17 thorization Act for Fiscal Year 2017 (Public Law
18 114–328; 10 U.S.C. 2302 note) is amended—

19 (A) in the section heading, by striking
20 “**COMMERCIAL ITEMS**” and inserting “**COM-**
21 **MERCIAL PRODUCTS**”;

22 (B) in subsection (a), by striking “com-
23 mercial items” and inserting “commercial prod-
24 ucts”;

25 (C) in subsection (c)(3)—

1 (i) by striking “COMMERCIAL ITEMS”
2 in the paragraph heading and inserting
3 “COMMERCIAL PRODUCTS OR COMMERCIAL
4 SERVICES”; and

5 (ii) by striking “commercial items”
6 and inserting “commercial products or
7 commercial services”; and

8 (D) in subsection (e)(2), by striking
9 “item” in subparagraphs (A) and (B) and in-
10 serting “products”.

11 (10) Section 880 of the National Defense Au-
12 thorization Act for Fiscal Year 2017 (Public Law
13 114–328; 41 U.S.C. 3301 note) is amended by strik-
14 ing “commercial items” in subsection (a)(1) and in-
15 serting “commercial products”.

16 (g) CONFORMING AMENDMENTS TO OTHER STAT-
17 UTES.—

18 (1) Section 604(g) of the American Recovery
19 and Reinvestment Act of 2009 (6 U.S.C. 453b(g))
20 is amended—

21 (A) by striking “COMMERCIAL ITEMS” in
22 the subsection heading and inserting “COMMER-
23 CIAL PRODUCTS”;

24 (B) by striking “procurement of commer-
25 cial” in the first sentence and all that follows

1 through “items listed” and inserting “procure-
2 ment of commercial products notwithstanding
3 section 1906 of title 41, United States Code,
4 with the exception of commercial products list-
5 ed”; and

6 (C) in the second sentence—

7 (i) by inserting “product” after “com-
8 mercial”; and

9 (ii) by striking “in the” and all that
10 follows and inserting “in section 103 of
11 title 41, United States Code.”.

12 (2) Section 142 of the Higher Education Act of
13 1965 (20 U.S.C. 1018a) is amended—

14 (A) in subsection (e)—

15 (i) by striking “COMMERCIAL ITEMS”
16 in the subsection heading and inserting
17 “COMMERCIAL PRODUCTS AND COMMER-
18 CIAL SERVICES”;

19 (ii) by striking “that commercial
20 items” and inserting “that commercial
21 products or commercial services”;

22 (iii) by striking “special rules for com-
23 mercial items” and inserting “special rules
24 for commercial products and commercial
25 services”;

1 (iv) by striking “without regard to—
2 ” and all that follows through “dollar limi-
3 tation” and inserting “without regard to
4 any dollar limitation”;

5 (v) by striking “; and” and inserting
6 a period; and

7 (vi) by striking paragraph (2);

8 (B) in subsection (f)—

9 (i) by striking “ITEMS” in the sub-
10 section heading and inserting “PRODUCTS
11 AND SERVICES”;

12 (ii) by striking “ITEMS” in the head-
13 ing of paragraph (2) and inserting “PROD-
14 UCTS AND SERVICES”; and

15 (iii) by striking “a commercial item”
16 in paragraph (2) and inserting “a commer-
17 cial product or a commercial service”;

18 (C) in subsection (h)—

19 (i) by striking “ITEMS” in the sub-
20 section heading and inserting “SERVICES”;
21 and

22 (ii) by striking “commercial items” in
23 paragraph (1) and inserting “commercial
24 services”; and

25 (D) in subsection (l)—

1 (i) by redesignating paragraphs (2),
2 (3), (4), and (5) as paragraphs (3), (4),
3 (5), and (6), respectively;

4 (ii) by striking paragraph (1) and in-
5 serting the following new paragraphs:

6 “(1) COMMERCIAL PRODUCT.—The term ‘com-
7 mercial product’ has the meaning given the term in
8 section 103 of title 41, United States Code.

9 “(2) COMMERCIAL SERVICE.—The term ‘com-
10 mercial service’ has the meaning given the term in
11 section 103a of title 41, United States Code.”;

12 (iii) in paragraph (3), as so redesign-
13 nated, by striking “in section” and all that
14 follows and inserting “in section 152 of
15 title 41, United States Code.”;

16 (iv) in paragraph (5), as so redesign-
17 nated—

18 (I) by striking “COMMERCIAL
19 ITEMS” in the paragraph heading and
20 inserting “COMMERCIAL PRODUCTS
21 AND COMMERCIAL SERVICES”;

22 (II) by striking “commercial
23 items” and inserting “commercial
24 products and commercial services”;
25 and

1 (III) by striking “pursuant to”
2 and all that follows and inserting
3 “pursuant to sections 1901 and
4 3305(a) of title 41, United States
5 Code.”; and

6 (v) in paragraph (6), as so redesign-
7 nated, by striking “pursuant to” and all
8 that follows and inserting “pursuant to
9 sections 1901(a)(1) and 3305(a)(1) of title
10 41, United States Code.”.

11 (3) Section 3901(a)(4)(A)(ii)(II) of title 31,
12 United States Code, is amended by striking “com-
13 mercial item” and inserting “commercial product”.

14 (4) Section 2455(c)(1) of the Federal Acquisi-
15 tion Streamlining Act of 1994 (31 U.S.C. 6101
16 note) is amended by striking “commercial items”
17 and inserting “commercial products”.

18 (5) Section 508(f) of the Federal Water Pollu-
19 tion Control Act (33 U.S.C. 1368(f)) is amended—

20 (A) in paragraph (1), by striking “com-
21 mercial items” and inserting “commercial prod-
22 ucts or commercial services”; and

23 (B) in paragraph (2), by striking “the
24 term” and all that follows and inserting “the
25 terms ‘commercial product’ and ‘commercial

1 service' have the meanings given those terms in
2 sections 103 and 103a, respectively, of title 41,
3 United States Code.”.

4 (6) Section 3707 of title 40, United States
5 Code, is amended by striking “a commercial item (as
6 defined in section 103 of title 41)” and inserting “a
7 commercial product (as defined in section 103 of
8 title 41) or a commercial service (as defined in sec-
9 tion 103a of title 41)”.

10 (7) Subtitle III of title 40, United States Code,
11 is amended—

12 (A) in section 11101(1), by striking “COM-
13 MERCIAL ITEM.—The term ‘commercial item’
14 has” and inserting “COMMERCIAL PRODUCT.—
15 The term ‘commercial product’ has”; and

16 (B) in section 11314(a)(3), by striking
17 “items” each place it appears and inserting
18 “products”.

19 (8) Section 8301(g) of the Federal Acquisition
20 Streamlining Act of 1994 (42 U.S.C. 7606 note) is
21 amended by striking “commercial items” and insert-
22 ing “commercial products or commercial services”.

23 (9) Section 40118(f) of title 49, United States
24 Code, is amended—

1 (A) in paragraph (1), by striking “com-
2 mercial items” and inserting “commercial prod-
3 ucts”; and

4 (B) in paragraph (2), by striking “com-
5 mercial item” and inserting “commercial prod-
6 uct”.

7 (10) Chapter 501 of title 51, United States
8 Code, is amended—

9 (A) in section 50113(c)—

10 (i) by striking “COMMERCIAL ITEM”
11 in the subsection heading and inserting
12 “COMMERCIAL PRODUCT OR COMMERCIAL
13 SERVICE”; and

14 (ii) by striking “commercial item” in
15 the second sentence and inserting “com-
16 mercial product or commercial service”;
17 and

18 (B) in section 50115(b)—

19 (i) by striking “COMMERCIAL ITEM”
20 in the subsection heading and inserting
21 “COMMERCIAL PRODUCT OR COMMERCIAL
22 SERVICE”; and

23 (ii) by striking “commercial item” in
24 the second sentence and inserting “com-

1 commercial product or commercial service”;

2 and

3 (C) in section 50132(a)—

4 (i) by striking “COMMERCIAL ITEM”

5 in the subsection heading and inserting

6 “COMMERCIAL SERVICE”; and

7 (ii) by striking “commercial item” in

8 the second sentence and inserting “com-

9 mercial service”.

10 (h) SAVINGS PROVISION.—Any provision of law that

11 on the day before the effective date of this section is on

12 a list of provisions of law included in the Federal Acquisi-

13 tion Regulation pursuant to section 1907 of title 41,

14 United States Code, shall be deemed as of that effective

15 date to be on a list of provisions of law included in the

16 Federal Acquisition Regulation pursuant to section 1906

17 of such title.

18 **SEC. 832. DEFINITION OF SUBCONTRACT.**

19 (a) STANDARD DEFINITION IN TITLE 41, UNITED

20 STATES CODE.—

21 (1) IN GENERAL.—Chapter 1 of title 41, United

22 States Code, is amended—

23 (A) by redesignating sections 115 and 116

24 as sections 116 and 117, respectively; and

1 (B) by inserting after section 114 the fol-
2 lowing new section 115:

3 **“§ 115. Subcontract**

4 “(a) IN GENERAL.—In this subtitle, the term ‘sub-
5 contract’ means a contract entered into by a prime con-
6 tractor or subcontractor for the purpose of obtaining sup-
7 plies, materials, equipment, or services of any kind under
8 a prime contract. The term includes a transfer of a com-
9 mercial product or commercial service between divisions,
10 subsidiaries, or affiliates of a contractor or subcontractor.

11 “(b) MATTERS NOT INCLUDED.—In this subtitle, the
12 term ‘subcontract’ does not include—

13 “(1) a contract the costs of which are applied
14 to general and administrative expenses or indirect
15 costs; or

16 “(2) an agreement entered into by a contractor
17 or subcontractor for the supply of a commodity, a
18 commercial product, or a commercial service that is
19 intended for use in the performance of multiple con-
20 tracts.”.

21 (2) CLERICAL AMENDMENT.—The table of sec-
22 tions at the beginning of chapter 1 of title 41,
23 United States Code, is amended by striking the
24 items relating to sections 115 and 116 and inserting
25 the following new items:

“115. Subcontract.

“116. Supplies.

“117. Technical data.”.

1 (b) CONFORMING AMENDMENTS TO TITLE 41,
2 UNITED STATES CODE.—Title 41, United States Code, is
3 further amended as follows:

4 (1) Section 1502(b)(1) is amended—

5 (A) by striking subparagraph (A);

6 (B) by redesignating subparagraphs (B)
7 and (C) as subparagraphs (A) and (B), respec-
8 tively; and

9 (C) in subparagraph (B), as so redesign-
10 nated, by striking “Subparagraph (B)” and in-
11 sserting “Subparagraph (A)”.

12 (2) Section 1906 is amended—

13 (A) in subsection (c)—

14 (i) by striking paragraph (1);

15 (ii) by redesignating paragraphs (2),
16 (3), and (4) as paragraphs (1), (2), and
17 (3), respectively;

18 (iii) in paragraph (1), as so redesign-
19 nated, by striking “paragraph (3)” and in-
20 sserting “paragraph (2)”;

21 (iv) in paragraph (2), as so redesign-
22 nated, by striking “paragraph (2)” and in-
23 sserting “paragraph (1)”;

1 (B) in subsection (e), by striking “(c)(3)”
2 both places it appears and inserting “(c)(2)”.

3 (3) Section 3307(e)(2) is amended—

4 (A) by striking subparagraph (A);

5 (B) by redesignating subparagraphs (B),
6 (C), (D), and (E) as subparagraphs (A), (B),
7 (C), and (D), respectively;

8 (C) in subparagraph (C), as so redesign-
9 nated—

10 (i) by striking “subparagraph (B)”
11 and inserting “subparagraph (A)”; and

12 (ii) by striking “subparagraph (C)”
13 and inserting “subparagraph (B)”; and

14 (D) in subparagraph (D), as so redesign-
15 nated, by striking “subparagraph (B)” and in-
16 serting “subparagraph (A)”.

17 (4) Section 3501(a) is amended by striking
18 paragraph (3).

19 (c) INCORPORATION OF TITLE 41 DEFINITION IN
20 CHAPTERS 137 AND 140 OF TITLE 10, UNITED STATES
21 CODE.—

22 (1) DEFINITIONS FOR PURPOSES OF CHAPTER
23 137.—Section 2302(3) of title 10, United States
24 Code, is amended by adding at the end the following
25 new subparagraph:

1 “(N) The term ‘subcontract’.”.

2 (2) DEFINITIONS FOR PURPOSES OF CHAPTER
3 140.—

4 (A) Section 2375(c) of title 10, United
5 States Code, is amended—

6 (i) by striking paragraph (3); and

7 (ii) by redesignating paragraph (4) as
8 paragraph (3).

9 (B) Section 2376(1) of such title is amend-
10 ed by striking “and ‘commercial component’
11 have” and inserting “‘commercial component’,
12 and ‘subcontract’ have”.

13 **SEC. 833. LIMITATION ON APPLICABILITY TO DEPARTMENT**
14 **OF DEFENSE COMMERCIAL CONTRACTS OF**
15 **CERTAIN PROVISIONS OF LAW AND CERTAIN**
16 **EXECUTIVE ORDERS AND REGULATIONS.**

17 (a) INAPPLICABILITY OF CERTAIN PROVISIONS OF
18 LAW.—

19 (1) SECTION 2375.—Section 2375 of title 10,
20 United States Code, is amended—

21 (A) in subsection (b)(2), by striking “Jan-
22 uary 1, 2015” and inserting “October 13,
23 1994”; and

1 (B) in subsections (b)(2), (c)(2), and
2 (d)(2), by striking “unless the” and all that fol-
3 lows and inserting a period.

4 (2) SECTION 2533A.—Section 2533a(i) of such
5 title is amended—

6 (A) in the subsection heading, by striking
7 “ITEMS” and inserting “PRODUCTS”; and

8 (B) by striking “commercial items” and in-
9 serting “commercial products”.

10 (3) SECTION 2533B.—Section 2533b(h) of such
11 title is amended—

12 (A) the subsection heading, by striking
13 “ITEMS” and inserting “PRODUCTS”; and

14 (B) by striking “commercial items” each
15 place it appears and inserting “commercial
16 products”.

17 (b) INAPPLICABILITY OF CERTAIN EXECUTIVE OR-
18 DERS AND REGULATIONS.—Chapter 140 of title 10,
19 United States Code, is amended by inserting after section
20 2375 the following new section:

21 **“§ 2375a. Applicability of certain Executive orders**
22 **and regulations**

23 “(a) EXECUTIVE ORDERS.—

24 “(1) COMMERCIAL CONTRACTS.—No Depart-
25 ment of Defense commercial contract shall be sub-

1 ject to an Executive order issued after the date of
2 the enactment of this section unless the Executive
3 order specifically provides that it is applicable to
4 contracts for the procurement of commercial prod-
5 ucts and commercial services by the Department of
6 Defense.

7 “(2) SUBCONTRACTS UNDER COMMERCIAL CON-
8 TRACTS.—No subcontract under a Department of
9 Defense commercial contract shall be subject to an
10 Executive order issued after the date of the enact-
11 ment of this section unless the Executive order spe-
12 cifically provides that it is applicable to subcontracts
13 under Department of Defense contracts for the pro-
14 curement of commercial products and commercial
15 services.

16 “(b) REGULATIONS AND POLICIES.—

17 “(1) COMMERCIAL CONTRACTS.—No Depart-
18 ment of Defense commercial contract shall be sub-
19 ject to any Department of Defense regulation or pol-
20 icy prescribed after the date of the enactment of this
21 section unless the regulation or policy specifically
22 provides that it is applicable to contracts for the
23 procurement of commercial products and commercial
24 services by the Department of Defense.

1 “(2) SUBCONTRACTS UNDER COMMERCIAL CON-
2 TRACTS.—No subcontract under a Department of
3 Defense commercial contract shall be subject to any
4 Department of Defense regulation or order pre-
5 scribed after the date of the enactment of this sec-
6 tion unless the regulation or policy specifically pro-
7 vides that it is applicable to subcontracts under De-
8 partment of Defense contracts for the procurement
9 of commercial products and commercial services.

10 “(c) DEPARTMENT OF DEFENSE COMMERCIAL CON-
11 TRACTS.—In this section, the term ‘Department of De-
12 fense commercial contract’ means a contract for the pro-
13 curement of a commercial product or commercial service
14 entered into by the Secretary of Defense.”.

15 (c) CLERICAL AMENDMENT.—The table of sections
16 at the beginning of such chapter is amended by inserting
17 after the item relating to section 2375 the following new
18 item:

 “2375a. Applicability of certain Executive orders and regulations.”.

19 **SEC. 834. MODIFICATIONS TO PROCUREMENT THROUGH**
20 **COMMERCIAL E-COMMERCE PORTALS.**

21 Section 846 of the National Defense Authorization
22 Act for Fiscal Year 2018 (Public Law 115–91; 41 U.S.C.
23 1901 note) is amended—

24 (1) in subsection (f), by adding at the end the
25 following new paragraph:

1 “(5) A procurement of a product made through
2 a commercial e-commerce portal under the program
3 established pursuant to subsection (a) is deemed to
4 satisfy requirements for full and open competition
5 pursuant to section 2304 of title 10, United States
6 Code, and section 3301 of title 41, United States
7 Code, if—

8 “(A) there are offers from two or more
9 suppliers of such a product or similar product
10 with substantially the same physical, functional,
11 or performance characteristics on the online
12 marketplace; and

13 “(B) the Administrator establishes proce-
14 dures to implement subparagraph (A) and noti-
15 fies Congress at least 30 days before imple-
16 menting such procedures.”.

17 (2) by redesignating subsections (j) and (k) as
18 subsections (k) and (l), respectively; and

19 (3) by inserting after subsection (i) the fol-
20 lowing new subsection:

21 “(j) MICRO-PURCHASE THRESHOLD.—Notwith-
22 standing section 2338 of title 10, United States Code, and
23 section 1902 of title 41, United States Code, the micro-
24 purchase threshold for a procurement of a product

1 through a commercial e-commerce portal used under the
2 program established under subsection (a) is \$25,000.”.

3 **Subtitle D—Industrial Base** 4 **Matters**

5 **SEC. 841. REQUIREMENT THAT CERTAIN SHIP COMPO-**
6 **NENTS BE MANUFACTURED IN THE NA-**
7 **TIONAL TECHNOLOGY AND INDUSTRIAL**
8 **BASE.**

9 (a) **ADDITIONAL PROCUREMENT LIMITATION.**—Sec-
10 tion 2534(a) of title 10, United States Code, is amended
11 by adding at the end the following new paragraph:

12 “(6) **COMPONENTS FOR AUXILIARY SHIPS.**—

13 Subject to subsection (k), the following components:

14 “(A) Auxiliary equipment, including
15 pumps, for all shipboard services.

16 “(B) Propulsion system components, in-
17 cluding engines, reduction gears, and propellers.

18 “(C) Shipboard cranes.

19 “(D) Spreaders for shipboard cranes.”.

20 (b) **IMPLEMENTATION.**—Such section is further
21 amended by adding at the end the following new sub-
22 section:

23 “(k) **IMPLEMENTATION OF AUXILIARY SHIP COMPO-**
24 **NENT LIMITATION.**—Subsection (a)(6) applies only with
25 respect to contracts awarded by the Secretary of a military

1 department for new construction of an auxiliary ship after
2 the date of the enactment of the National Defense Author-
3 ization Act for Fiscal Year 2019 using funds available for
4 National Defense Sealift Fund programs or Shipbuilding
5 and Conversion, Navy. For purposes of this subsection,
6 the term ‘auxiliary ship’ does not include an icebreaker.”.

7 **SEC. 842. REPORT ON DOMESTIC SOURCING OF SPECIFIC**
8 **COMPONENTS FOR ALL NAVAL VESSELS.**

9 Not later than March 1, 2019, the Secretary of the
10 Navy shall submit to the congressional defense committees
11 a report that provides a market survey and cost assess-
12 ment associated with limiting competition to domestic
13 sources for—

14 (1) naval vessel components listed in section
15 2534(a)(3) of title 10, United States Code;

16 (2) expanding such list to include all ships au-
17 thorized using funds available for Shipbuilding and
18 Conversion, Navy and Other Procurement, Navy;
19 and

20 (3) expanding such list to include waterjet ma-
21 rine propulsion systems, azimuth thrusters, and bow
22 thrusters for all ships authorized using funds avail-
23 able for Shipbuilding and Conversion, Navy and
24 Other Procurement, Navy.

1 **SEC. 843. REMOVAL OF NATIONAL INTEREST DETERMINA-**
2 **TION REQUIREMENTS FOR CERTAIN ENTI-**
3 **TIES.**

4 (a) **IN GENERAL.**—Effective October 1, 2020, a cov-
5 ered NTIB entity operating under a special security agree-
6 ment pursuant to the National Industrial Security Pro-
7 gram shall not be required to obtain a national interest
8 determination as a condition for access to proscribed infor-
9 mation.

10 (b) **ACCELERATION AUTHORIZED.**—Notwithstanding
11 the effective date of this section, the Secretary of Defense,
12 in consultation with the Director of the Information Secu-
13 rity Oversight Office, may waive the requirement to obtain
14 a national interest determination for a covered NTIB enti-
15 ty operating under such a special security agreement that
16 has—

17 (1) a demonstrated successful record of compli-
18 ance with the National Industrial Security Program;
19 and

20 (2) previously been approved for access to pro-
21 scribed information.

22 (c) **DEFINITIONS.**—In this section:

23 (1) **COVERED NTIB ENTITY.**—The term “cov-
24 ered NTIB entity” means a person that is a sub-
25 sidiary located in the United States—

1 (A) for which the ultimate parent company
2 and any intermediate parent companies of such
3 subsidiary are located in a country that is part
4 of the national technology and industrial base
5 (as defined in section 2500 of title 10, United
6 States Code); and

7 (B) that is subject to the foreign owner-
8 ship, control, or influence requirements of the
9 National Industrial Security Program.

10 (2) PROSCRIBED INFORMATION.—The term
11 “proscribed information” means information that
12 is—

13 (A) classified at the level of top secret;

14 (B) communications security information
15 (excluding controlled cryptographic items when
16 un-keyed or utilized with unclassified keys);

17 (C) restricted data (as defined in section
18 11 of the Atomic Energy Act of 1954 (42
19 U.S.C. 2014));

20 (D) special access program information
21 under section 4.3 of Executive Order No.
22 13526 (75 Fed. Reg. 707; 50 U.S.C. 3161
23 note) or successor order; or

24 (E) designated as sensitive compartmented
25 information.

1 **SEC. 844. PILOT PROGRAM TO TEST MACHINE-VISION**
2 **TECHNOLOGIES TO DETERMINE THE AU-**
3 **THENTICITY AND SECURITY OF MICROELEC-**
4 **TRONIC PARTS IN WEAPON SYSTEMS.**

5 (a) PILOT PROGRAM AUTHORIZED.—The Undersec-
6 retary of Defense for Research and Engineering, in coordi-
7 nation with the Defense Microelectronics Activity, shall es-
8 tablish a pilot program to test the feasibility and reliability
9 of using machine-vision technologies to determine the au-
10 thenticity and security of microelectronic parts in weapon
11 systems.

12 (b) OBJECTIVES OF PILOT PROGRAM.—The Under-
13 secretary of Defense for Research and Engineering, in co-
14 ordination with the Defense Microelectronics Activity,
15 shall design any pilot program conducted under this sec-
16 tion to determine the following:

17 (1) The effectiveness and technology readiness
18 level of machine-vision technologies to determine the
19 authenticity of microelectronic parts at the time of
20 the creation of such part through final insertion of
21 such part into weapon systems.

22 (2) The best method of incorporating machine-
23 vision technologies into the process of developing,
24 transporting, and inserting microelectronics into
25 weapon systems.

1 (3) The rules, regulations, or processes that
2 hinder the development and incorporation of ma-
3 chine-vision technologies, and the application of such
4 rules, regulations, or processes to mitigate counter-
5 feit microelectronics proliferation throughout the De-
6 partment of Defense.

7 (c) CONSULTATION.—To develop the pilot program
8 under this section, the Undersecretary of Defense for Re-
9 search and Engineering, in coordination with the Defense
10 Microelectronics Activity, may consult with the following
11 entities:

12 (1) Manufacturers of semiconductors or elec-
13 tronics.

14 (2) Industry associations relating to semi-
15 conductors or electronics.

16 (3) Original equipment manufacturers of prod-
17 ucts for the Department of Defense.

18 (4) Nontraditional defense contractors (as de-
19 fined in section 2302(9) of title 10, United States
20 Code) that are machine vision companies.

21 (5) Federal laboratories (as defined in section
22 2500(5) of title 10, United States Code).

23 (6) Other elements of the Department of De-
24 fense that fall under the authority of the Undersec-
25 retary of Defense for Research and Engineering.

1 (d) COMMENCEMENT AND DURATION.—The pilot
2 program established under this section shall be established
3 not later than April 1, 2019, and all activities under such
4 pilot program shall terminate not later than December 31,
5 2020.

6 **Subtitle E—Small Business Matters**

7 **SEC. 851. DEPARTMENT OF DEFENSE SMALL BUSINESS** 8 **STRATEGY.**

9 (a) IN GENERAL.—Chapter 136 of title 10, United
10 States Code, is amended by adding at the end the fol-
11 lowing new section:

12 **“§ 2283. Department of Defense small business strat-** 13 **egy**

14 “(a) IN GENERAL.—The Secretary of Defense shall
15 implement a small business strategy for the Department
16 of Defense that meets the requirements of this section.

17 “(b) UNIFIED MANAGEMENT STRUCTURE.—As part
18 of the small business strategy described in subsection (a),
19 the Secretary shall ensure that there is a unified manage-
20 ment structure within the Department for the functions
21 of the Department relating to—

22 “(1) programs and activities related to small
23 business concerns (as defined in section 3 of the
24 Small Business Act);

1 “(2) manufacturing and industrial base policy;
2 and

3 “(3) any procurement technical assistance pro-
4 gram established under chapter 142 of this title.

5 “(c) PURPOSE OF SMALL BUSINESS PROGRAMS.—
6 The Secretary shall ensure that programs and activities
7 of the Department of Defense related to small business
8 concerns are carried out so as to further national defense
9 programs and priorities and the statements of purpose for
10 Department of Defense acquisition set forth in section 801
11 of the National Defense Authorization Act for Fiscal Year
12 2018 (Public Law 115–91; 131 Stat. 1449).

13 “(d) POINTS OF ENTRY INTO DEFENSE MARKET.—
14 The Secretary shall ensure—

15 “(1) that opportunities for small business con-
16 cerns to contract with the Department of Defense
17 are identified clearly; and

18 “(2) that small business concerns are able to
19 have access to program managers, contracting offi-
20 cers, and other persons using the products or serv-
21 ices of such concern to the extent necessary to in-
22 form such persons of emerging and existing capabili-
23 ties of such concerns.

24 “(e) ENHANCED OUTREACH UNDER PROCUREMENT
25 TECHNICAL ASSISTANCE PROGRAM MARKET.—The Sec-

1 retary shall enable and promote activities to provide co-
2 ordinated outreach to small business concerns through any
3 procurement technical assistance program established
4 under chapter 142 of this title to facilitate small business
5 contracting with the Department of Defense.”.

6 (b) IMPLEMENTATION.—

7 (1) DEADLINE.—The Secretary of Defense shall
8 develop the small business strategy required by sec-
9 tion 2283 of title 10, United States Code, as added
10 by subsection (a), not later than 180 days after the
11 date of the enactment of this Act.

12 (2) NOTICE TO CONGRESS AND PUBLICATION.—

13 Upon completion of the development of the small
14 business strategy pursuant to paragraph (1), the
15 Secretary shall—

16 (A) transmit the strategy to Congress; and

17 (B) publish the strategy on a public
18 website of the Department of Defense.

19 (c) CLERICAL AMENDMENT.—The table of sections
20 at the beginning of such chapter is amended by adding
21 at the end the following new item:

“2283. Department of Defense small business strategy.”.

22 **SEC. 852. PROMPT PAYMENTS OF SMALL BUSINESS CON-**
23 **TRACTORS.**

24 Section 2307(a) of title 10, United States Code, is
25 amended—

1 (1) by redesignating paragraphs (1) and (2) as
2 subparagraphs (A) and (B), respectively;

3 (2) by striking “The head of any agency may—
4 ” and inserting “(1) The head of any agency may”;
5 and

6 (3) by adding at the end the following new
7 paragraph:

8 “(2)(A) For a prime contractor (as defined in section
9 8701 of title 41) that is a small business concern (as de-
10 fined in section 3 of the Small Business Act (15 U.S.C.
11 632)), the head of an agency shall, to the fullest extent
12 permitted by law, establish an accelerated payment date
13 with a goal of 15 days after receipt of a proper invoice
14 for the amount due if a specific payment date is not estab-
15 lished by contract.

16 “(B) For a prime contractor that subcontracts with
17 a small business concern, the head of an agency shall, to
18 the fullest extent permitted by law, establish an acceler-
19 ated payment date with a goal of 15 days after receipt
20 of a proper invoice for the amount due if—

21 “(i) a specific payment date is not established
22 by contract; and

23 “(ii) the prime contractor agrees to make pay-
24 ments to the subcontractor in accordance with the
25 accelerated payment date, to the maximum extent

1 practicable, without any further consideration from
2 or fees charged to the subcontractor.”.

3 **SEC. 853. INCREASED PARTICIPATION IN THE SMALL BUSI-**
4 **NESS ADMINISTRATION MICROLOAN PRO-**
5 **GRAM.**

6 (a) DEFINITIONS.—In this section—

7 (1) the term “intermediary” has the meaning
8 given that term in section 7(m)(11) of the Small
9 Business Act (15 U.S.C. 636(m)(11)); and

10 (2) the term “microloan program” means the
11 program established under section 7(m) of the Small
12 Business Act (15 U.S.C. 636(m)).

13 (b) MICROLOAN INTERMEDIARY LENDING LIMIT IN-
14 CREASED.—Section 7(m)(3)(C) of the Small Business Act
15 (15 U.S.C. 636(m)(3)(C)) is amended by striking
16 “\$5,000,000” and inserting “\$6,000,000”.

17 (c) MICROLOAN TECHNICAL ASSISTANCE.—Section
18 7(m)(4)(E) of the Small Business Act (15 U.S.C.
19 636(m)(4)(E)) is amended by striking “25 percent” each
20 place such term appears and inserting “50 percent”.

21 (d) SBA STUDY OF MICROENTERPRISE PARTICIPA-
22 TION.—Not later than 1 year after the date of enactment
23 of this section, the Administrator of the Small Business
24 Administration shall conduct a study and submit to the
25 Committee on Small Business and Entrepreneurship of

1 the Senate and the Committee on Small Business of the
2 House of Representatives a report on—

3 (1) the operations (including services provided,
4 structure, size, and area of operation) of a rep-
5 resentative sample of—

6 (A) intermediaries that are eligible to par-
7 ticipate in the microloan program and that do
8 participate; and

9 (B) intermediaries that are eligible to par-
10 ticipate in the microloan program and that do
11 not participate;

12 (2) the reasons why eligible intermediaries de-
13 scribed in paragraph (1)(B) choose not to partici-
14 pate in the microloan program;

15 (3) recommendations on how to encourage in-
16 creased participation in the microloan program by
17 eligible intermediaries described in paragraph
18 (1)(B); and

19 (4) recommendations on how to decrease the
20 costs associated with participation in the microloan
21 program for eligible intermediaries.

22 (e) GAO STUDY ON MICROLOAN INTERMEDIARY
23 PRACTICES.—Not later than 1 year after the date of en-
24 actment of this section, the Comptroller General of the
25 United States shall submit to the Committee on Small

1 Business and Entrepreneurship of the Senate and the
2 Committee on Small Business of the House of Representa-
3 tives a report evaluating—

4 (1) oversight of the microloan program by the
5 Small Business Administration, including oversight
6 of intermediaries participating in the microloan pro-
7 gram; and

8 (2) the specific processes used by the Small
9 Business Administration to ensure—

10 (A) compliance by intermediaries partici-
11 pating in the microloan program; and

12 (B) the overall performance of the
13 microloan program.

14 **SEC. 854. AMENDMENTS TO SMALL BUSINESS INNOVATION**
15 **RESEARCH PROGRAM AND SMALL BUSINESS**
16 **TECHNOLOGY TRANSFER PROGRAM.**

17 (a) USE OF SBIR OR STTR FUNDING FOR ADMINIS-
18 TRATIVE COSTS.—Section 9 of the Small Business Act (15
19 U.S.C. 638) is amended—

20 (1) in subsection (f)—

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 “(5) ADMINISTRATIVE COSTS.—A Federal agen-
4 cy may use up to 3 percent of its SBIR budget es-
5 tablished pursuant to paragraph (1) for the purpose
6 of funding administrative costs of the program.”;
7 and

8 (2) in subsection (n)—

9 (A) in paragraph (2), by striking “shall
10 not” and all that follows through “make avail-
11 able” and inserting “shall not make available”;
12 and

13 (B) by adding at the end the following new
14 paragraph:

15 “(4) ADMINISTRATIVE COSTS.—A Federal agen-
16 cy may use up to 3 percent of its SBIR budget es-
17 tablished pursuant to paragraph (1) for the purpose
18 of funding administrative costs of the program.”.

19 (b) EXPANSION OF PHASE FLEXIBILITY.—Section
20 9(cc) of such Act (15 U.S.C. 638(cc)) is amended by strik-
21 ing “During fiscal years” and all that follows through
22 “may each provide” and inserting “During fiscal years
23 2018 through 2022, all agencies participating in the SBIR
24 program may provide”.

1 **SEC. 855. CONSTRUCTION CONTRACT ADMINISTRATION.**

2 Section 15 of the Small Business Act (15 U.S.C. 644)
3 is amended by adding at the end the following new sub-
4 section:

5 “(w) SOLICITATION NOTICE REGARDING ADMINIS-
6 TRATION OF CHANGE ORDERS FOR CONSTRUCTION.—

7 “(1) IN GENERAL.—With respect to any solici-
8 tation for the award of a contract for construction
9 anticipated to be awarded to a small business con-
10 cern, the agency administering such contract shall
11 provide a notice along with the solicitation to pro-
12 spective bidders and offerors that includes—

13 “(A) information about the agency’s poli-
14 cies or practices in complying with the require-
15 ments of the Federal Acquisition Regulation re-
16 lating to the timely definitization of requests for
17 an equitable adjustment; and

18 “(B) information about the agency’s past
19 performance in definitizing requests for equi-
20 table adjustments in accordance with paragraph
21 (2).

22 “(2) REQUIREMENTS FOR AGENCIES.—An
23 agency shall provide the past performance informa-
24 tion described under paragraph (1)(B) as follows:

1 “(A) For the 3-year period preceding the
2 issuance of the notice, to the extent such infor-
3 mation is available.

4 “(B) With respect to an agency that, on
5 the date of the enactment of this subsection,
6 has not compiled the information described
7 under paragraph (1)(B)—

8 “(i) beginning 1 year after the date of
9 the enactment of this subsection, for the 1-
10 year period preceding the issuance of the
11 notice;

12 “(ii) beginning 2 years after the date
13 of the enactment of this subsection, for the
14 2-year period preceding the issuance of the
15 notice; and

16 “(iii) beginning 3 years after the date
17 of the enactment of this subsection and
18 each year thereafter, for the 3-year period
19 preceding the issuance of the notice.

20 “(3) FORMAT OF PAST PERFORMANCE INFOR-
21 MATION.—In the notice required under paragraph
22 (1), the agency shall ensure that the past perform-
23 ance information described under paragraph (1)(B)
24 is set forth separately for each definitization action
25 that was completed during the following periods:

1 “(A) Not more than 30 days after receipt
2 of a request for an equitable adjustment.

3 “(B) Not more than 60 days after receipt
4 of a request for an equitable adjustment.

5 “(C) Not more than 90 days after receipt
6 of a request for an equitable adjustment.

7 “(D) Not more than 180 days after receipt
8 of a request for an equitable adjustment.

9 “(E) More than 365 days after receipt of
10 a request for an equitable adjustment.

11 “(F) After the completion of the perform-
12 ance of the contract through a contract modi-
13 fication addressing all undefinitized requests for
14 an equitable adjustment received during the
15 term of the contract.”.

16 **SEC. 856. BROADBAND AND EMERGING INFORMATION**
17 **TECHNOLOGY COORDINATOR.**

18 (a) IN GENERAL.—The Small Business Act (15
19 U.S.C. 631 et seq.) is amended—

20 (1) by redesignating section 47 as section 48;
21 and

22 (2) by inserting after section 46 the following:

23 **“SEC. 47. BROADBAND AND EMERGING INFORMATION**
24 **TECHNOLOGY.**

25 “(a) DEFINITIONS.—In this section—

1 “(1) the term ‘OII Associate Administrator’
2 means the Associate Administrator for the Office of
3 Investment and Innovation; and

4 “(2) the term ‘broadband and emerging infor-
5 mation technology coordinator’ means the employee
6 designated to carry out the broadband and emerging
7 information technology coordination responsibilities
8 of the Administration under subsection (b)(1).

9 “(b) ASSIGNMENT OF COORDINATOR.—

10 “(1) ASSIGNMENT OF COORDINATOR.—The OII
11 Associate Administrator shall designate a senior em-
12 ployee of the Office of Investment and Innovation to
13 serve as the broadband and emerging information
14 technology coordinator, who—

15 “(A) shall report to the OII Associate Ad-
16 ministrator;

17 “(B) shall work in coordination with—

18 “(i) the chief information officer, the
19 chief technology officer, and the head of
20 the Office of Technology of the Adminis-
21 tration; and

22 “(ii) any other Associate Adminis-
23 trator of the Administration determined
24 appropriate by the OII Associate Adminis-
25 trator;

1 “(C) has experience developing and imple-
2 menting telecommunications policy in the pri-
3 vate sector or government; and

4 “(D) has demonstrated significant experi-
5 ence in the area of broadband or emerging in-
6 formation technology.

7 “(2) RESPONSIBILITIES OF COORDINATOR.—
8 The broadband and emerging information technology
9 coordinator shall—

10 “(A) coordinate programs of the Adminis-
11 tration that assist small business concerns in
12 adopting, making innovations in, and using
13 broadband and other emerging information
14 technologies;

15 “(B) serve as the primary liaison of the
16 Administration to other Federal agencies in-
17 volved in broadband and emerging information
18 technology policy, including the Department of
19 Commerce, the Department of Agriculture, and
20 the Federal Communications Commission;

21 “(C) identify best practices relating to
22 broadband and emerging information tech-
23 nology that may benefit small business con-
24 cerns; and

1 “(D) identify and catalog tools and train-
2 ing available through the resource partners of
3 the Administration that assist small business
4 concerns in adopting, making innovations in,
5 and using broadband and emerging tech-
6 nologies.

7 “(3) TRAVEL.—Not more than 20 percent of
8 the hours of service by the broadband and emerging
9 information technology coordinator during any fiscal
10 year shall consist of travel outside the United States
11 to perform official duties.

12 “(c) BROADBAND AND EMERGING TECHNOLOGY
13 TRAINING.—

14 “(1) TRAINING.—The OII Associate Adminis-
15 trator shall provide to employees of the Administra-
16 tion training that—

17 “(A) familiarizes employees of the Admin-
18 istration with broadband and other emerging
19 information technologies;

20 “(B) includes—

21 “(i) instruction on counseling small
22 business concerns regarding adopting,
23 making innovations in, and using
24 broadband and other emerging information
25 technologies; and

1 “(ii) information on programs of the
2 Federal Government that provide assist-
3 ance to small business concerns relating to
4 broadband and emerging information tech-
5 nologies; and

6 “(C) to maximum extent practicable, uses
7 the tools and training cataloged and identified
8 under subsection (b)(2)(D).

9 “(2) FUNDING.—The Administrator shall use
10 funds made available to the Office of Investment
11 and Innovation to carry out this subsection.

12 “(d) REPORTS.—

13 “(1) BIENNIAL REPORT ON ACTIVITIES.—Not
14 later than 2 years after the date on which the OII
15 Associate Administrator makes the first designation
16 of an employee under subsection (b), and every 2
17 years thereafter, the broadband and emerging infor-
18 mation technology coordinator shall submit to the
19 Committee on Small Business and Entrepreneurship
20 of the Senate and the Committee on Small Business
21 of the House of Representatives a report regarding
22 the programs and activities of the Administration re-
23 lating to broadband and other emerging information
24 technologies.

1 “(2) IMPACT OF BROADBAND SPEED AND PRICE
2 ON SMALL BUSINESSES.—

3 “(A) IN GENERAL.—Subject to appropria-
4 tions, the Chief Counsel for Advocacy shall con-
5 duct a study evaluating the impact of
6 broadband speed and price on small business
7 concerns.

8 “(B) REPORT.—Not later than 3 years
9 after the date of enactment of the Small Busi-
10 ness Broadband and Emerging Information
11 Technology Enhancement Act of 2017, the
12 Chief Counsel for Advocacy shall submit to the
13 Committee on Commerce, Science, and Trans-
14 portation and the Committee on Small Business
15 and Entrepreneurship of the Senate and the
16 Committee on Energy and Commerce and the
17 Committee on Small Business of the House of
18 Representatives a report on the results of the
19 study under subparagraph (A), including—

20 “(i) a survey of broadband speeds
21 available to small business concerns;

22 “(ii) a survey of the cost of broadband
23 speeds available to small business con-
24 cerns;

1 “(iii) a survey of the type of
2 broadband technology used by small busi-
3 ness concerns; and

4 “(iv) any policy recommendations that
5 may improve the access of small business
6 concerns to comparable broadband services
7 at comparable rates in all regions of the
8 United States.”.

9 (b) ENTREPRENEURIAL DEVELOPMENT.—Section
10 21(c)(3)(B) of the Small Business Act (15 U.S.C.
11 648(c)(3)(B)) is amended—

12 (1) in the matter preceding clause (i), by insert-
13 ing “accessing broadband and other emerging infor-
14 mation technology,” after “technology transfer,”;

15 (2) in clause (ii), by striking “and” at the end;

16 (3) in clause (iii), by adding “and” at the end;

17 and

18 (4) by adding at the end the following:

19 “(iv) increasing the competitiveness and
20 productivity of small business concerns by as-
21 sisting owners of such concerns in accessing
22 broadband and other emerging information
23 technology;”.

1 **SEC. 857. AMENDMENTS TO THE SMALL BUSINESS INVEST-**
2 **MENT ACT OF 1958.**

3 (a) INVESTMENT IN SMALL BUSINESS INVESTMENT
4 COMPANIES.—Section 302(b) of the Small Business In-
5 vestment Act of 1958 (15 U.S.C. 682(b)) is amended—

6 (1) in paragraph (1), by inserting before the pe-
7 riod the following: “or, subject to the approval of the
8 appropriate Federal banking agency, 15 percent of
9 such capital and surplus”;

10 (2) in paragraph (2), by inserting before the pe-
11 riod the following: “or, subject to the approval of the
12 appropriate Federal banking agency, 15 percent of
13 such capital and surplus”; and

14 (3) by adding at the end the following:

15 “(3) APPROPRIATE FEDERAL BANKING AGENCY
16 DEFINED.—For purposes of this subsection, the
17 term ‘appropriate Federal banking agency’ has the
18 meaning given that term under section 3 of the Fed-
19 eral Deposit Insurance Act.”.

20 (b) INCREASE TO MAXIMUM LEVERAGE LIMIT.—Sec-
21 tion 303(b)(2)(A)(ii) of the Small Business Investment
22 Act of 1958 (15 U.S.C. 683(b)(2)(A)(ii)) is amended by
23 striking “\$150,000,000” and inserting “\$175,000,000”.

1 **SEC. 858. CONSOLIDATED BUDGET JUSTIFICATION FOR**
2 **THE DEPARTMENT OF DEFENSE SMALL BUSI-**
3 **NESS INNOVATION RESEARCH PROGRAM AND**
4 **SMALL BUSINESS TECHNOLOGY TRANSFER**
5 **PROGRAM.**

6 (a) SUBMISSION WITH ANNUAL BUDGET JUSTIFICA-
7 TION DOCUMENTS.—The Secretary of Defense, acting
8 through the Under Secretary of Defense for Research and
9 Engineering, shall include in the materials submitted to
10 Congress by the Secretary of Defense in support of the
11 budget of the President for each fiscal year (as submitted
12 to Congress under section 1105 of title 31, United States
13 Code) a budget justification for all activities conducted
14 under a Small Business Innovation Research Program or
15 Small Business Technology Transfer Program (as such
16 terms are defined, respectively, in section 9(e) of the Small
17 Business Act (15 U.S.C. 638(e))) of the Department of
18 Defense during the previous fiscal year.

19 (b) REQUIREMENTS FOR BUDGET DISPLAY.—The
20 budget justification under subsection (a) shall include—

21 (1) the amount obligated or expended, by ap-
22 propriation and functional area, for each activity
23 conducted under a Small Business Innovation Re-
24 search Program or Small Business Technology
25 Transfer Program, with supporting narrative de-
26 scriptions and rationale for the funding levels; and

1 (2) a summary and estimate of funding re-
2 quired during the period covered by the current fu-
3 ture-years defense program (as defined under section
4 221 of title 10, United States Code).

5 (c) TERMINATION.—The requirements of this section
6 shall terminate on December 31, 2022.

7 **SEC. 859. FUNDING FOR PROCUREMENT TECHNICAL AS-**
8 **SISTANCE PROGRAM.**

9 (a) AMOUNT OF ASSISTANCE FROM SECRETARY.—
10 Section 2413(b) of title 10, United States Code, is amend-
11 ed—

12 (1) by striking “not more than 65 percent” and
13 inserting “not more than 75 percent”; and

14 (2) in paragraph (1), by striking “more than 65
15 percent, but not more than 75 percent” and insert-
16 ing “more than 75 percent, but not more than 85
17 percent”.

18 (b) FUNDING FOR ELIGIBLE ENTITIES.—Section
19 2414(a) of such title is amended—

20 (1) in paragraph (1), by striking “\$750,000”
21 and inserting “\$1,000,000”;

22 (2) in paragraph (2), by striking “\$450,000”
23 and inserting “\$750,000”;

24 (3) in paragraph (3), by striking “\$300,000”
25 and inserting “\$450,000”; and

1 (4) in paragraph (4), by striking “\$750,000”
2 and inserting “\$1,000,000”.

3 **SEC. 860. EXEMPTION OF CERTAIN CONTRACTS FROM THE**
4 **PERIODIC INFLATION ADJUSTMENTS TO THE**
5 **ACQUISITION-RELATED DOLLAR THRESH-**
6 **OLD.**

7 Subparagraph (B) of section 1908(b)(2) of title 41,
8 United States Code, is amended by inserting “3131 to
9 3134,” after “sections”.

10 **Subtitle F—Other Matters**

11 **SEC. 871. ADDITIONAL REQUIREMENTS FOR NEGOTIATIONS**
12 **FOR NONCOMMERCIAL COMPUTER SOFT-**
13 **WARE.**

14 Section 2322a of title 10, United States Code, is
15 amended by adding at the end the following new sub-
16 sections:

17 “(c) RIGHTS TO NONCOMMERCIAL COMPUTER SOFT-
18 WARE.—As part of any negotiation for the acquisition of
19 noncommercial computer software, the Secretary of De-
20 fense may not require a contractor to sell or otherwise re-
21 linquish to the Federal Government any rights to non-
22 commercial computer software developed exclusively at
23 private expense, except for rights related to—

1 “(1) corrections or changes to such software or
2 documentation related to such software furnished to
3 the contractor by the Department of Defense;

4 “(2) such software or documentation related to
5 such software that is otherwise publicly available or
6 that has been released or disclosed by the contractor
7 or subcontractor without restrictions on further use,
8 release, or disclosure, other than a release or disclo-
9 sure resulting from the sale, transfer, or other as-
10 signment of interest in such software or documenta-
11 tion to another party.

12 “(3) such software or documentation related to
13 such software obtained with unlimited rights under
14 another contract with the Federal Government or as
15 a result of such a negotiation; or

16 “(4) such software or documentation related to
17 such software furnished to the Department of De-
18 fense under a contract or subcontract that in-
19 cludes—

20 “(A) restricted rights in such software,
21 limited rights in technical data, or government
22 purpose rights, where such restricted rights,
23 limited rights, or government purpose rights
24 have expired; or

1 “(B) government purpose rights, where the
2 contractor’s exclusive right to use such software
3 or documentation for commercial purposes has
4 expired.

5 “(d) CONSIDERATION OF SPECIALLY NEGOTIATED
6 LICENSES.—The Secretary of Defense shall, to the max-
7 imum extent practicable, negotiate and enter into a con-
8 tract with a contractor for a specially negotiated license
9 for noncommercial computer software or documentation
10 related to such software necessary to support the product
11 support strategy of a major weapon system or subsystem
12 of a major weapon system.”.

13 **SEC. 872. REMOVAL OF REQUIREMENT FOR RISK AND SEN-**
14 **SITIVITY ANALYSIS OF BASELINE ESTIMATES**
15 **IN SELECTED ACQUISITION REPORTS.**

16 Section 2432(c)(1)(B) of title 10, United States
17 Code, is amended by striking “, along with the associated
18 risk and sensitivity analysis of that estimate” each place
19 it appears.

20 **SEC. 873. PROHIBITION ON ACQUISITION OF SENSITIVE MA-**
21 **TERIALS FROM NON-ALLIED FOREIGN NA-**
22 **TIONS.**

23 (a) IN GENERAL.—Subchapter V of chapter 148 of
24 title 10, United States Code, is amended by inserting after
25 section 2533b the following new section:

1 **“§ 2533c. Prohibition on acquisition of sensitive mate-**
2 **rials from non-allied foreign nations**

3 “(a) IN GENERAL.—Except as provided in subsection
4 (c), the Secretary of Defense may not—

5 “(1) procure any end item containing a covered
6 material from any covered nation, except as provided
7 by subsection (c); or

8 “(2) sell any covered material from the Na-
9 tional Defense Stockpile, if the National Defense
10 Stockpile Manager determines that such a sale is not
11 in the national interests of the United States, to—

12 “(A) any covered nation; or

13 “(B) any third party that the Secretary
14 reasonably believes is acting as a broker or
15 agent for a covered nation or an entity in a cov-
16 ered nation.

17 “(b) EXTENSION.—Subsection (a) shall apply to
18 prime contracts and subcontracts at any tier.

19 “(c) EXCEPTIONS.—Subsection (a) does not apply
20 under the following circumstances:

21 “(1) If the Secretary of Defense determines
22 that covered materials of satisfactory quality and
23 quantity, in the required form, cannot be procured
24 as and when needed.

25 “(2) To the procurement of an end item de-
26 scribed in subsection (a)(1) or the sale of any cov-

1 ered material described under subsection (a)(1) by
2 the Secretary outside of the United States for use
3 outside of the United States.

4 “(3) To the purchase by the Secretary of an
5 end item containing a covered material that is—

6 “(A) a commercially available off-the-shelf
7 item (as defined in section 104 of title 41); or

8 “(B) an electronic device, unless the Sec-
9 retary of Defense, upon the recommendation of
10 the Strategic Materials Protection Board pursu-
11 ant to section 187 of this title, determines that
12 the domestic availability of a particular elec-
13 tronic device is critical to national security.

14 “(d) DEFINITIONS.—In this section:

15 “(1) COVERED MATERIAL.—The term ‘covered
16 material’ means—

17 “(A) samarium-cobalt magnets;

18 “(B) neodymium-iron-boron magnets;

19 “(C) tungsten penetrators; and

20 “(D) tungsten or tungsten alloy spheres
21 and cubes.

22 “(2) COVERED NATION.—The term ‘covered na-
23 tion’ means—

24 “(A) the Democratic People’s Republic of
25 North Korea;

1 “(B) the People’s Republic of China;

2 “(C) the Russian Federation; and

3 “(D) the Islamic Republic of Iran.

4 “(3) END ITEM.—The term ‘end item’ has the
5 meaning given in section 2533b(m) of this title.”.

6 (b) CLERICAL AMENDMENT.—The table of contents
7 at the beginning of such subchapter is amended by insert-
8 ing after the item relating to section 2533b the following
9 item:

“2533c. Prohibition on acquisition of sensitive materials from non-allied foreign
nations.”.

10 **SEC. 874. TRANSFER OR POSSESSION OF DEFENSE ITEMS**

11 **FOR NATIONAL DEFENSE PURPOSES.**

12 (a) TRANSFER AND POSSESSION EXCEPTIONS.—Sec-
13 tion 922(o)(2) of title 18, United States Code, is amend-
14 ed—

15 (1) in subparagraph (A), by striking “or by”
16 and inserting “, by, or under the authority of”;

17 (2) by striking “or” at the end of subparagraph
18 (A);

19 (3) by striking the period at the end of sub-
20 paragraph (B) and inserting a semicolon; and

21 (4) by inserting after subparagraph (B) the fol-
22 lowing new subparagraphs:

23 “(C) a transfer to, or possession by, a licensed
24 manufacturer or licensed importer (if, with respect

1 to a transfer, such transfer has been approved by
2 the Attorney General in accordance with law) for
3 purposes of—

4 “(i) joint production of a weapon, or inte-
5 gration or incorporation into another article or
6 device;

7 “(ii) calibration, testing, or research and
8 development;

9 “(iii) permanent or temporary export, or
10 temporary import, otherwise in accordance with
11 law; or

12 “(iv) training of Federal, State, local, or
13 foreign government personnel;

14 “(D) a transfer to, or possession by, a licensee
15 for the purpose of repair and return of the same to
16 a lawful possessor; or

17 “(E) notwithstanding subsection (g)(5)(B), pos-
18 session by foreign government personnel for official
19 training purposes under the direct and continuous
20 supervision of an authorized Federal, State, or local
21 government official, or a licensee as described in
22 subparagraph (C), provided that, upon completion of
23 the training, such foreign government personnel
24 shall relinquish possession of the same to such offi-
25 cial or licensee.”.

1 (b) IMPORTATION REQUIREMENTS.—Section 925(d)
2 of such title is amended—

3 (1) in paragraph (3)—

4 (A) by inserting “except as provided in
5 paragraph (5),” before “is of”; and

6 (B) by striking “or” at the end;

7 (2) in paragraph (4), by striking the period at
8 the end and inserting “; or”; and

9 (3) by inserting after paragraph (4) the fol-
10 lowing new paragraph:

11 “(5) is being imported or brought in by a li-
12 censed manufacturer or licensed importer in con-
13 formity with, and solely for a purpose described in
14 subparagraph (A), (C), (D), or (E) of section
15 922(o)(2).”.

16 (c) EFFECTIVE DATE.—This section and the amend-
17 ments made by this section shall take effect 30 days after
18 the date of the enactment of this Act.

19 **SEC. 875. EXPEDITED HIRING AUTHORITY FOR SHORTAGE**
20 **CATEGORY POSITIONS IN THE ACQUISITION**
21 **WORKFORCE.**

22 Section 1703(j) of title 41, United States Code, is
23 amended—

24 (1) in paragraph (1)—

1 (A) by striking “sections 3304, 5333, and
2 5753 of title 5” and inserting “section 3304 of
3 title 5”;

4 (B) by striking “authorities in those sec-
5 tions” and inserting “authority in such sec-
6 tion”; and

7 (C) by striking “certain Federal acquisi-
8 tion positions (as described in subsection
9 (g)(1)(A))” and inserting “the Federal acquisi-
10 tion provisions described in paragraph (2)”; and
11 (2) by redesignating paragraph (2) as para-
12 graph (3);

13 (3) by inserting after paragraph (1) the fol-
14 lowing new paragraph:

15 “(2) POSITIONS DESCRIBED.—The Federal ac-
16 quisition positions described in this paragraph are
17 the following:

18 “(A) Any position listed in (g)(1)(A).

19 “(B) All positions in the General Schedule
20 Realty series (GS–1170).”; and

21 (4) in paragraph (3) (as so redesignated), by
22 striking “September 30, 2017” and inserting “Sep-
23 tember 30, 2021”.

1 **SEC. 876. EXTENSION OF PROHIBITION ON PROVIDING**
2 **FUNDS TO THE ENEMY.**

3 Section 841(n) of the Carl Levin and Howard P.
4 “Buck” McKeon National Defense Authorization Act for
5 Fiscal Year 2015 (Public Law 113–291; 127 Stat. 3455;
6 10 U.S.C. 2302 note) is amended by striking “December
7 31, 2019” and inserting “December 31, 2021”.

8 **SEC. 877. REPEAL OF CERTAIN DETERMINATIONS RE-**
9 **QUIRED FOR GRANTS OF EXCEPTIONS TO**
10 **COST OR PRICING DATA CERTIFICATION RE-**
11 **QUIREMENTS AND WAIVERS OF COST AC-**
12 **COUNTING STANDARDS.**

13 Section 817(b) of the Bob Stump National Defense
14 Authorization Act for Fiscal Year 2003 (Public Law 107–
15 314; 10 U.S.C. 2306a note) is amended—

16 (1) by striking paragraph (1); and

17 (2) by redesignating paragraphs (2) and (3) as
18 paragraphs (1) and (2), respectively.

19 **SEC. 878. REPORTING ON PROJECTS PERFORMED**
20 **THROUGH TRANSACTIONS OTHER THAN CON-**
21 **TRACTS, COOPERATIVE AGREEMENTS, AND**
22 **GRANTS.**

23 (a) **REPORT REQUIRED.**—Not later than December
24 31, 2018, and each December 31 thereafter through De-
25 cember 31, 2021, the Secretary of Defense shall submit
26 to the congressional defense committees a report covering

1 the preceding fiscal year on projects described in sub-
2 section (b).

3 (b) CONTENTS.—Each report under subsection (a)
4 shall include—

5 (1) for each project performed through a trans-
6 action (other than contracts, cooperative agreements,
7 and grants) entered into pursuant to section 2371 or
8 2371b of title 10, United States Code, for which
9 payments made by the Department of Defense ex-
10 ceeded \$5,000,000 for such transaction—

11 (A) an identification of the element of the
12 Department of Defense and the person or entity
13 outside of the Department of Defense entering
14 into such transaction;

15 (B) the date of entry into such transaction;

16 (C) the amount of the payments made by
17 the Department of Defense for such trans-
18 action;

19 (D) the goals and status of each project
20 carried out under such transaction; and

21 (E) the start date and anticipated end date
22 of each project carried out under such trans-
23 action; and

24 (2) a description of the mechanisms, including
25 any policies, guidance, and reporting requirements,

1 established by the Secretary of Defense to regulate
2 the use of authority relating to a transaction (other
3 than contracts, cooperative agreements, and grants)
4 entered into pursuant to section 2371 or 2371b of
5 title 10, United States Code.

6 **SEC. 879. STANDARDIZATION OF FORMATTING AND PUBLIC**
7 **ACCESSIBILITY OF DEPARTMENT OF DE-**
8 **FENSE REPORTS TO CONGRESS.**

9 (a) BRIEFING REQUIRED.—Not later than March 1,
10 2019, the Secretary of Defense shall provide a briefing
11 to the Committee on Armed Services of the House of Rep-
12 resentatives on a plan to standardize the formatting and
13 public accessibility of unclassified Department of Defense
14 reports required by Congress. Such briefing shall include
15 a description of the method—

16 (1) for ensuring that reports are created in a
17 platform-independent, machine-readable format that
18 can be retrieved, downloaded, indexed, and searched
19 by commonly used web search applications; and

20 (2) for providing a publically accessible online
21 repository of unclassified reports of the Department
22 of Defense issued since January 1, 2010, including
23 protocols for inclusion of unclassified reports that,
24 as determined by the Secretary, may not be appro-
25 priate for public release in their entirety.

1 (b) IMPLEMENTATION.—Such plan shall be imple-
2 mented not later than March 1, 2020.

3 **SEC. 880. DEFENDING UNITED STATES GOVERNMENT COM-**
4 **MUNICATIONS.**

5 (a) FINDINGS.—Congress makes the following find-
6 ings:

7 (1) In its 2011 “Annual Report to Congress on
8 Military and Security Developments Involving the
9 People’s Republic of China”, the Department of De-
10 fense stated that, “China’s defense industry has ben-
11 efitting from integration with a rapidly expanding ci-
12 vilian economy and science and technology sector,
13 particularly elements that have access to foreign
14 technology. Progress within individual defense sec-
15 tors appears linked to the relative integration of
16 each, through China’s civilian economy, into the
17 global production and R&D chain . . . Information
18 technology companies in particular, including
19 Huawei, Datang, and Zhongxing, maintain close ties
20 to the PLA.”.

21 (2) In a 2011 report titled “The National Secu-
22 rity Implications of Investments and Products from
23 the People’s Republic of China in the Telecommuni-
24 cations Sector”, the United States China Commis-
25 sion stated that “[n]ational security concerns have

1 accompanied the dramatic growth of China’s telecom
2 sector. . . . Additionally, large Chinese companies—
3 particularly those ‘national champions’ prominent in
4 China’s ‘going out’ strategy of overseas expansion—
5 are directly subject to direction by the Chinese Com-
6 munist Party, to include support for PRC state poli-
7 cies and goals.”.

8 (3) The Commission further stated in its report
9 that “[f]rom this point of view, the clear economic
10 benefits of foreign investment in the U.S. must be
11 weighed against the potential security concerns re-
12 lated to infrastructure components coming under the
13 control of foreign entities. This seems particularly
14 applicable in the telecommunications industry, as
15 Chinese companies continue systematically to ac-
16 quire significant holdings in prominent global and
17 U.S. telecommunications and information technology
18 companies.”.

19 (4) In its 2011 Annual Report to Congress, the
20 United States China Commission stated that “[t]he
21 extent of the state’s control of the Chinese economy
22 is difficult to quantify . . . There is also a category
23 of companies that, though claiming to be private, are
24 subject to state influence. Such companies are often
25 in new markets with no established SOE leaders and

1 enjoy favorable government policies that support
2 their development while posing obstacles to foreign
3 competition. Examples include Chinese telecoms
4 giant Huawei and such automotive companies as
5 battery maker BYD and vehicle manufacturers
6 Geely and Chery.”.

7 (5) General Michael Hayden, who served as Di-
8 rector of the Central Intelligence Agency and Direc-
9 tor of the National Security Agency, stated in July
10 2013 that Huawei had “shared with the Chinese
11 state intimate and extensive knowledge of foreign
12 telecommunications systems it is involved with.”.

13 (6) The Federal Bureau of Investigation, in a
14 February 2015 Counterintelligence Strategy Part-
15 nership Intelligence Note stated that, “[w]ith the ex-
16 panded use of Huawei Technologies Inc. equipment
17 and services in U.S. telecommunications service pro-
18 vider networks, the Chinese Government’s potential
19 access to U.S. business communications is dramati-
20 cally increasing. Chinese Government-supported tele-
21 communications equipment on U.S. networks may be
22 exploited through Chinese cyber activity, with Chi-
23 na’s intelligence services operating as an advanced
24 persistent threat to U.S. networks.”.

1 (7) The Federal Bureau of Investigation fur-
2 ther stated in its February 2015 counterintelligence
3 note that, “China makes no secret that its cyber
4 warfare strategy is predicated on controlling global
5 communications network infrastructure.”.

6 (8) At a hearing before the Committee on
7 Armed Services of the House of Representatives on
8 September 30, 2015, Deputy Secretary of Defense
9 Robert Work, responding to a question about the
10 use of Huawei telecommunications equipment, stat-
11 ed, “In the Office of the Secretary of Defense, abso-
12 lutely not. And I know of no other—I don’t believe
13 we operate in the Pentagon, any [Huawei] systems
14 in the Pentagon.”.

15 (9) At such hearing, the Commander of the
16 United States Cyber Command, Admiral Mike Rog-
17 ers, responding to a question about why such
18 Huawei telecommunications equipment is not used,
19 stated, “as we look at supply chain and we look at
20 potential vulnerabilities within the system, that it is
21 a risk we felt was unacceptable.”.

22 (10) In March 2017, ZTE Corporation pled
23 guilty to conspiring to violate the International
24 Emergency Economic Powers Act by illegally ship-
25 ping United States-origin items to Iran, paying the

1 United States Government a penalty of
2 \$892,360,064 dollars for activity between January
3 2010 and January 2016.

4 (11) The Treasury Department's Office of For-
5 eign Assets Control issued a subpoena to Huawei as
6 part of a Federal investigation of alleged violations
7 of trade restrictions on Cuba, Iran, Sudan, and
8 Syria.

9 (12) In the bipartisan Permanent Select Com-
10 mittee on Intelligence of the House of Representa-
11 tives "Investigative Report on the United States Na-
12 tional Security Issues Posed by Chinese Tele-
13 communication Companies Huawei and ZTE" re-
14 leased in 2012, it was recommended that "U.S. gov-
15 ernment systems, particularly sensitive systems,
16 should not include Huawei or ZTE equipment, in-
17 cluding in component parts. Similarly, government
18 contractors—particularly those working on contracts
19 for sensitive U.S. programs—should exclude ZTE or
20 Huawei equipment in their systems."

21 (13) Christopher Wray, who serves as Director
22 of the Federal Bureau of Investigation, stated in
23 February 2018 during a hearing of the Select Com-
24 mittee on Intelligence of the Senate that he was
25 "deeply concerned about the risks of allowing any

1 company or entity that is beholden to foreign gov-
2 ernments that don't share our values to gain posi-
3 tions of power inside our telecommunications net-
4 works. That provides the capacity to exert pressure
5 or control over our telecommunications infrastruc-
6 ture. It provides the capacity to maliciously modify
7 or steal information. And it provides the capacity to
8 conduct undetected espionage.” Admiral Mike Rog-
9 ers, who served as Director of the National Security
10 Agency, agreed with Director Wray's characteriza-
11 tion, and added that Government programs need “to
12 look long and hard at companies like this”.

13 (14) Director of National Intelligence Dan
14 Coats, Federal Bureau of Investigation Director
15 Christopher Wray, Director of the Defense Intel-
16 ligence Agency General Robert Ashley, Director of
17 the National Geospatial-Intelligence Agency Robert
18 Cardillo, Director of the National Security Agency
19 Admiral Michael Rogers, and Director of the Central
20 Intelligence Agency Michael Pompeo all indicated by
21 show of hands in February 2018 at a hearing of the
22 Select Committee on Intelligence of the Senate that
23 they would not “use products or services from
24 Huawei or ZTE”.

1 (15) General Paul Nakasone, who served as the
2 Commanding General of United States Army Cyber
3 Command, stated during his confirmation hearing to
4 be National Security Agency director in March 2018
5 before the Select Committee on Intelligence of the
6 Senate that he “would not” use any Huawei, China
7 Unicom, or China Telecom products nor would he
8 recommend his family do so.

9 (b) PROHIBITION ON CERTAIN TELECOMMUNI-
10 CATIONS SERVICES OR EQUIPMENT.—

11 (1) PROHIBITION ON AGENCY USE OR PRO-
12 CUREMENT.—Except as provided in paragraph (3),
13 beginning not later than January 1, 2021, the head
14 of an agency may not procure or obtain, may not ex-
15 tend or renew a contract to procure or obtain, and
16 may not enter into a contract (or extend or renew
17 a contract) with an entity that uses any equipment,
18 system, or service that uses covered telecommuni-
19 cations equipment or services as a substantial or es-
20 sential component of any system, or as critical tech-
21 nology as part of any system.

22 (2) IMPLEMENTATION PLAN.—By not later
23 than 180 days after the date of the enactment of
24 this Act, each agency shall develop a plan to imple-
25 ment paragraph (1) throughout the agency’s supply

1 chain and shall submit such plan to the appropriate
2 congressional committees. Each such plan shall be
3 submitted in unclassified form, but may contain a
4 classified annex. The plan for an agency shall in-
5 clude, but not be limited to, how the agency plans
6 to deal with the impact of white label technology on
7 its supply chain whereby the original manufacturer
8 of technology is not readily apparent to a purchaser
9 or user.

10 (3) WAIVER.—The head of an agency may, on
11 a one time basis, waive the requirement under para-
12 graph (1) with respect to an entity that requests
13 such a waiver. Such a waiver may be provided for
14 a period of not more than two years if the entity
15 seeking the waiver—

16 (A) can demonstrate a compelling justifica-
17 tion for additional time to implement such
18 paragraph;

19 (B) submits to the head of the agency, who
20 then submits to the appropriate congressional
21 committees within 30 days, a full and complete
22 laydown of the presence of covered tele-
23 communications equipment or services in the
24 entity's supply chain and a phase-out plan to

1 eliminate such covered telecommunications
2 equipment or services from its systems;

3 (C) does not permit real-time access to its
4 networks to an entity located or substantially
5 located 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 dur-
13 ing the 5-year period beginning on the date of the
14 enactment of this Act, such entity shall provide a
15 written assurance to the head of the agency for
16 which such covered component is in use that such
17 entity shall replace such covered component, at the
18 end of such covered component’s reasonable lifecycle,
19 with a comparable component that is manufactured
20 by a person other than Huawei Technologies Com-
21 pany or ZTE Corporation (or any subsidiary, suc-
22 cessor entity, or 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 Represent-
2 atives, the Permanent Select Committee on In-
3 telligence of the House of Representatives, the
4 Select Committee on Intelligence of the Senate,
5 the Committee on Oversight and Government
6 Reform of the House of Representatives, and
7 the Committee on Homeland Security and Gov-
8 ernmental 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 Com-
19 pany or ZTE Corporation (or any sub-
20 sidiary, successor entity, or affiliate of
21 such entities).

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 rea-
4 sonably believes to be an entity owned or
5 controlled by, or otherwise connected to,
6 the government of a covered foreign coun-
7 try.

8 (E) The term “covered component” means
9 any component that—

10 (i) is part of any equipment, system,
11 or service that uses covered telecommuni-
12 cations equipment or services;

13 (ii) is produced by Huawei Tech-
14 nologies Company or ZTE Corporation (or
15 any subsidiary, successor entity, or affiliate
16 of such entities); and

17 (iii) cannot route or redirect data
18 traffic or visibility into any data or packets
19 such equipment, system, or service trans-
20 mits or manipulates.

21 (c) REPORT.—

22 (1) IN GENERAL.—The Director of National In-
23 telligence, in coordination with the Director of the
24 Federal Bureau of Investigation and the Secretaries
25 of State, Homeland Security, and Defense, shall de-

1 velop a report outlining the national security risks of
2 use of Huawei and ZTE technology, especially as it
3 relates to evidence of malicious software or hardware
4 that enables unauthorized network access or control
5 and the type and level of risk, and a plan to share
6 such report, based on appropriate access to classified
7 information, with U.S. allies, partners, and U.S.
8 cleared defense contractors and telecommunications
9 services providers.

10 (2) UNCLASSIFIED VERSION.—In addition to
11 the classified report required by paragraph (1), an
12 unclassified version of the report shall be made
13 available for U.S. allies and partners as well as im-
14 pacted telecommunication companies that do not
15 have access to classified information.

16 (3) DEADLINE.—The reports required by para-
17 graph (1) and paragraph (2) of this subsection shall
18 be submitted to the appropriate congressional com-
19 mittees (as defined in subsection (b)(4) of this sec-
20 tion) not later than 180 days after the date of the
21 enactment 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
11 amended by inserting after subsection (k) the following:

12 “(l) **COMMAND AND CONTROL AUTHORITY.**—The
13 Secretary of Defense shall have the authority to determine
14 command and control relationships within the military de-
15 partments, Defense Agencies, and other organizations and
16 elements of the Department of Defense, including the
17 United States Fleet Forces Command and the United
18 States Transportation Command, as necessary to fulfill
19 the responsibilities of the Secretary under this title.”.

20 **SEC. 902. CIVILIAN PERSONNEL MANAGEMENT.**

21 Section 129 of title 10, United States Code, is
22 amended—

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
4 inserting “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 require-
9 ments of section 129a, 2461, and 2463 of this
10 title.”; and

11 (2) in subsection (c)(2)—

12 (A) in each of subparagraphs (A) and (B),
13 by inserting “and associated costs” after “pro-
14 jected size”; and

15 (B) in subparagraph (B), by striking “that
16 have been taken to identify offsetting reductions
17 and avoid unnecessary overall growth in the size
18 of the civilian workforce” and inserting “to re-
19 duce the overall costs of the total force of mili-
20 tary, civilian, and contract workforces con-
21 sistent with sections 129a, 2461, and 2463 of
22 this title”.

1 **SEC. 903. PERFORMANCE OF CIVILIAN FUNCTIONS BY MILI-**
2 **TARY PERSONNEL.**

3 Section 129a(g)(1) of title 10, United States Code,
4 is amended—

5 (1) in subparagraph (A), by striking “or re-
6 quired by a mission” and inserting “pursuant to De-
7 partment of Defense Instruction 7041.04, issued on
8 July 3, 2013, or any successor guidance, and when
9 required by a mission within the military occupa-
10 tional specialty for which the military personnel have
11 been trained”; and

12 (2) in subparagraph (B), by inserting “, and
13 only if the functions to be performed by military per-
14 sonnel are consistent with the training requirements
15 for the military occupational specialty for which such
16 personnel have been trained” before the period at
17 the end.

18 **SEC. 904. ROLES OF UNDER SECRETARY OF DEFENSE FOR**
19 **POLICY AND UNDER SECRETARY OF DE-**
20 **FENSE FOR INTELLIGENCE.**

21 (a) UNDER SECRETARY OF DEFENSE FOR POLICY.—
22 Section 134(b) of title 10, United States Code, is amend-
23 ed—

24 (1) by redesignating paragraphs (3) and (4) as
25 paragraphs (4) and (5), respectively;

1 (2) by inserting after paragraph (2) the fol-
2 lowing new paragraph (3):

3 “(3) Subject to the authority, direction, and control
4 of the Secretary of Defense, the Under Secretary shall be
5 responsible and have the overall direction and supervision
6 for—

7 “(A) the development, implementation, and in-
8 tegration across the Department of Defense of the
9 National Defense Strategy and strategic policy guid-
10 ance for the activities of the Department of Defense
11 across all geographic regions and military functions
12 and domains; and

13 “(B) the integration of the activities of the De-
14 partment of Defense into the National Security
15 Strategy of the United States.”; and

16 (3) in paragraph (4), as redesignated by para-
17 graph (1) of this subsection, by inserting “policy
18 making” before “activities”.

19 (b) UNDER SECRETARY OF DEFENSE FOR INTEL-
20 LIGENCE.—Section 137(b) of title 10, United States Code,
21 as amended by section 1621, is further amended—

22 (1) in paragraph (3), by striking “; and” and
23 inserting a semicolon;

24 (2) by redesignating paragraph (4) as para-
25 graph (5); and

1 (3) by inserting after paragraph (3) the fol-
2 lowing new paragraph (4):

3 “(4) have responsibility for supervising and di-
4 recting, and overseeing Department of Defense ac-
5 tivities, other than policy making activities, with re-
6 spect to technology protection relating to export con-
7 trols; and”.

8 **SEC. 905. DESIGNATION OF NAVY COMMANDERS.**

9 Section 5013 of title 10, United States Code, is
10 amended by adding at the end the following new sub-
11 sections:

12 “(h) The Secretary of the Navy shall designate a sin-
13 gle commander within the Department of the Navy who
14 shall serve as the official with principal responsibility in
15 such Department for ensuring that forces of the Navy are
16 available for tasking and deployment, including forces that
17 may be operating from a forward deployed location.

18 “(i) The Secretary of the Navy shall designate a sin-
19 gle commander within the Department of the Navy who
20 shall serve as the official with principal responsibility in
21 such Department for the oversight and management of the
22 shipyards of the Navy, including shipyards outside the
23 United States.”.

1 **Subtitle B—Comprehensive Pen-**
2 **tagon Bureaucracy Reform and**
3 **Reduction**

4 **SEC. 911. AUTHORITIES AND RESPONSIBILITIES OF THE**
5 **CHIEF MANAGEMENT OFFICER OF THE DE-**
6 **PARTMENT OF DEFENSE.**

7 (a) AUTHORITIES AND RESPONSIBILITIES.—

8 (1) IN GENERAL.—Section 132a(b) of title 10,
9 United States Code, is amended—

10 (A) by amending paragraph (3) to read as
11 follows:

12 “(3) Exercising authority, direction, and control
13 over the Defense Agencies and Department of De-
14 fense Field Activities with respect to the covered ac-
15 tivities.”; and

16 (B) by adding at the end the following:

17 “(7) Serving as the official with principal re-
18 sponsibility in the Department for minimizing the
19 duplication of efforts and maximizing efficiency and
20 effectiveness among all organizations and elements
21 of the Department (other than the military depart-
22 ments) with respect to the covered activities.”.

23 (2) BUDGET AUTHORITY.—Section 132a of title
24 10, United States Code (as amended by paragraph
25 (1)) is further amended—

1 (A) by redesignating subsections (c) and
2 (d) as subsections (d) and (e) respectively; and
3 (B) by inserting after subsection (b) the
4 following:

5 “(c) BUDGET AUTHORITY.—

6 “(1)(A) The Secretary of Defense, acting
7 through the Under Secretary of Defense (Comp-
8 troller), shall require the head of each Defense
9 Agency and Department of Defense Field Activity to
10 transmit the proposed budget for the covered activi-
11 ties of such Agency or Activity for a fiscal year and
12 for the period covered by the future-years defense
13 program submitted to Congress under section 221 of
14 this title for that fiscal year to the Chief Manage-
15 ment Officer for review under subparagraph (B) be-
16 fore submitting the proposed budget to the Under
17 Secretary of Defense (Comptroller).

18 “(B) The Chief Management Officer shall re-
19 view each proposed budget transmitted under sub-
20 paragraph (A) and, not later than January 31 of the
21 year preceding the fiscal year for which the budget
22 is proposed, shall submit to the Secretary of Defense
23 a report containing the comments of the Chief Man-
24 agement Officer with respect to all such proposed
25 budgets, together with the certification of the Chief

1 Management Officer regarding whether each pro-
2 posed budget achieves an adequate level of efficiency
3 and effectiveness with respect to the covered activi-
4 ties.

5 “(C) Not later than March 31 of each year, the
6 Secretary of Defense shall submit to Congress a re-
7 port that includes the following:

8 “(i) Each proposed budget for the covered
9 activities of a Defense Agency or a Department
10 of Defense Field Activity that was transmitted
11 to the Chief Management Officer under sub-
12 paragraph (A).

13 “(ii) Identification of each proposed budget
14 contained in the most-recent report submitted
15 under subparagraph (B) that the Chief Man-
16 agement Officer did not certify as achieving an
17 adequate level of efficiency and effectiveness
18 with respect to the covered activities.

19 “(iii) A discussion of the actions that the
20 Secretary proposes to take, together with any
21 recommended legislation that the Secretary con-
22 siders appropriate, to address the inadequate
23 levels of efficiency and effectiveness achieved by
24 the proposed budgets identified in the report.

1 “(iv) Any additional comments that the
2 Secretary considers appropriate regarding the
3 inadequate levels of efficiency and effectiveness
4 achieved by the proposed budgets.

5 “(2) None of the funds authorized to be appro-
6 priated or otherwise made available for any fiscal
7 year for the covered activities of a Defense Agency
8 or a Department of Defense Field Activity may be
9 obligated or expended unless—

10 “(A) the head of the Agency or Activity
11 submits to the Chief Management Officer a
12 plan for the obligation and expenditure of such
13 funds; and

14 “(B) the Chief Management Officer ap-
15 proves the plan.

16 “(3) Nothing in this subsection shall be con-
17 strued to modify or interfere with the budget-related
18 responsibilities of the Director of National Intel-
19 ligence.”.

20 (3) COVERED ACTIVITIES DEFINED.—Section
21 132a of title 10, United States Code (as amended by
22 paragraphs (1) and (2)) is further amended by add-
23 ing at the end the following:

24 “(f) COVERED ACTIVITIES DEFINED.—In this sec-
25 tion, the term ‘covered activities’ means any activity relat-

1 ing to civilian resources management, logistics manage-
2 ment, services contracting, or real estate management.”.

3 (b) STREAMLINING OF CERTAIN FUNCTIONS ACROSS
4 THE DEPARTMENT OF DEFENSE.—

5 (1) STREAMLINING OF FUNCTIONS.—

6 (A) IN GENERAL.—Except as provided in
7 subparagraph (B), not later than January 1,
8 2021, and not less frequently than once every
9 five years thereafter, the Secretary of Defense,
10 acting through the Chief Management Officer
11 of the Department Defense, shall reduce or
12 eliminate duplicative functions across all organi-
13 zations and elements of the Department of De-
14 fense with respect to the covered activities.

15 (B) EXCEPTION.—The military services
16 shall not be included in any reductions or elimi-
17 nations carried out under subparagraph (A) on
18 or before January 1, 2021.

19 (2) CERTIFICATION AND REVIEW OF COST SAV-
20 INGS.—

21 (A) CERTIFICATION.—Not later January
22 1, 2021, the Chief Management Officer shall
23 certify to the congressional defense committees
24 that the reductions and eliminations carried out
25 under paragraph (1) accomplished savings with

1 respect to the total amount obligated and ex-
2 pended for the covered activities in fiscal year
3 2020 that were not less than 25 percent of the
4 baseline amount.

5 (B) GAO REVIEW.—Not later than 30
6 days after the submission of the certification
7 under subparagraph (A), the Comptroller Gen-
8 eral of the United States shall submit to the
9 congressional defense committees a report that
10 verifies whether the savings reported by the
11 Chief Management Officer under such subpara-
12 graph are accurate.

13 (C) BASELINE AMOUNT.—For the pur-
14 poses of this paragraph, the baseline amount is
15 the total amount obligated and expended by or-
16 ganizations and elements of the Department of
17 Defense other than the military services for fis-
18 cal year 2018 for the covered activities—

19 (i) increased by a credit for the
20 amount of any reductions in the costs of
21 such activities that are documented, as of
22 the date that is 90 days after the date of
23 the enactment of this Act, as having been
24 accomplished in accordance with section
25 346 of the National Defense Authorization

1 Act for Fiscal Year 2016 (Public Law
2 114–92;.10 U.S.C. 111 note); and

3 (ii) decreased by the amount of any
4 reductions in costs for such activities that
5 are documented, as of the date that is 90
6 days after the date of the enactment of
7 this Act, as having been accomplished in
8 accordance with other sections of this sub-
9 title.

10 (D) TREATMENT OF CERTAIN COST SAV-
11 INGS.—For the purposes of calculating the per-
12 centage cost savings accomplished by the Chief
13 Management Officer under subparagraph (A),
14 any reduction in costs documented, as of the
15 date that is 90 days after the date of the enact-
16 ment of this Act, as having been accomplished
17 in accordance with section 346 of the National
18 Defense Authorization Act for Fiscal Year 2016
19 (Public Law 114–92;.10 U.S.C. 111 note) shall
20 be treated as a reduction accomplished by the
21 Chief Management Officer under paragraph
22 (1).

23 (3) PLAN AND REVIEW.—

24 (A) PLAN REQUIRED.—Not later than
25 March 1, 2020, the Chief Management Officer

1 shall submit to the congressional defense com-
2 mittees a plan for complying with paragraphs
3 (1) and (2).

4 (B) GAO REVIEW.—Not later than 30
5 days after the submission of the plan under
6 subparagraph (A), the Comptroller General of
7 the United States shall submit to the congres-
8 sional defense committees a report that
9 verifies—

10 (i) whether the plan submitted under
11 subparagraph (A) is feasible; and

12 (ii) whether any cost savings expected
13 to result from the plan are accurate.

14 (4) SUBSEQUENT REPORTS AND REVIEWS.—

15 (A) CMO REPORTS.—Not later than Janu-
16 ary 1 of every fifth calendar year beginning
17 with January 1, 2026, the Chief Management
18 Officer shall submit to the congressional de-
19 fense committees a report that describes the ac-
20 tivities carried out by the Chief Management
21 Officer under paragraph (1) during the pre-
22 ceding five years, including an estimate of any
23 cost savings achieved as a result of such activi-
24 ties.

1 (B) GAO REVIEW.—Not later than 30
2 days after the submission of each report under
3 subparagraph (A), the Comptroller General of
4 the United States shall submit to the congressional defense committees a report that
5 verifies—
6

7 (i) whether the activities described in
8 the report under subparagraph (A) were
9 carried out; and

10 (ii) whether any cost savings estimated in the report are accurate.

12 (5) COVERED ACTIVITIES DEFINED.—In this
13 subsection, the term “covered activities” has the
14 meaning given that term in section 132a(f) of title
15 10, United States Code, as added by subsection (a)
16 of this section.

17 **SEC. 912. AUTHORITIES AND RESPONSIBILITIES OF THE INSPECTOR GENERAL OF THE DEPARTMENT OF**
18 **DEFENSE.**
19

20 (a) ADDITIONAL RESPONSIBILITIES AND AUTHORITIES.—Section 141 of title 10, United States Code, is
21 amended by adding at the end the following:
22

23 “(c) In addition to the duties, responsibilities, and
24 powers referred to in subsection (b), the Inspector General
25 of the Department shall serve as the official with principal

1 responsibility in the Department for minimizing the dupli-
2 cation of efforts and maximizing efficiency among the In-
3 spectors General across all organizations and elements of
4 the Department with respect to the covered activities.

5 “(d)(1)(A) The Secretary of Defense, acting through
6 the Under Secretary of Defense (Comptroller), shall re-
7 quire each Inspector General of an organization or element
8 of the Department of Defense to transmit the proposed
9 budget for the covered activities of the Office of such In-
10 spector General for a fiscal year and for the period covered
11 by the future-years defense program submitted to Con-
12 gress under section 221 of this title for that fiscal year
13 to the Inspector General of the Department of Defense
14 for review under subparagraph (B) before submitting the
15 proposed budget to the Under Secretary of Defense
16 (Comptroller).

17 “(B) The Inspector General of the Department of
18 Defense shall review each proposed budget transmitted
19 under subparagraph (A) and, not later than January 31
20 of the year preceding the fiscal year for which the budget
21 is proposed, shall submit to the Secretary of Defense a
22 report containing the comments of the Inspector General
23 with respect to all such proposed budgets, together with
24 the certification of the Inspector General regarding wheth-
25 er each proposed budget achieves an adequate level of effi-

1 ciency and effectiveness with respect to the covered activi-
2 ties.

3 “(C) Not later than March 31 of each year, the Sec-
4 retary of Defense shall submit to Congress a report that
5 includes the following:

6 “(i) Each proposed budget for the covered ac-
7 tivities of an Inspector General of an organization or
8 element of the Department of Defense that was
9 transmitted to the Inspector General of the Depart-
10 ment under subparagraph (A).

11 “(ii) Identification of each proposed budget con-
12 tained in the most-recent report submitted under
13 subparagraph (B) that the Inspector General of the
14 Department did not certify as achieving an adequate
15 level of efficiency and effectiveness with respect to
16 the covered activities.

17 “(iii) A discussion of the actions that the Sec-
18 retary proposes to take, together with any rec-
19 ommended legislation that the Secretary considers
20 appropriate, to address the inadequate levels of effi-
21 ciency and effectiveness achieved by the proposed
22 budgets identified in the report.

23 “(iv) Any additional comments that the Sec-
24 retary considers appropriate regarding the inad-

1 equate levels of efficiency and effectiveness achieved
2 by the proposed budgets.

3 “(2) None of the funds authorized to be appropriated
4 or otherwise made available for any fiscal year for the cov-
5 ered activities of an Inspector General of an organization
6 or element of the Department of Defense may be obligated
7 or expended unless—

8 “(A) the Inspector General of the organization
9 or element submits to the Inspector General of the
10 Department of Defense a plan for the obligation and
11 expenditure of such funds; and

12 “(B) the Inspector General of the Department
13 of Defense approves the plan.

14 “(e) In this section, the term ‘covered activities’
15 means any activity relating to public affairs, human re-
16 sources, contracting, services contracting, or any other
17 cross-enterprise activities of the Inspectors General of the
18 organizations and elements of the Department of Defense,
19 as determined by the Inspector General of the Depart-
20 ment.”.

21 (b) STREAMLINING OF FUNCTIONS.—Not later than
22 January 1, 2021, the Secretary of Defense, acting through
23 the Inspector General of the Department Defense, shall
24 reduce or eliminate duplicative functions among the In-

1 spectors General across all organizations and elements of
2 the Department with respect to the covered activities.

3 (c) **PLAN REQUIRED.**—Not later than March 1,
4 2020, the Inspector General of the Department of Defense
5 shall submit to the congressional defense committees a
6 plan for complying with subsection (b).

7 (d) **COVERED ACTIVITIES DEFINED.**—In this section,
8 the term “covered activities” has the meaning given that
9 term in section 141(e) of title 10, United States Code,
10 as added by subsection (a) of this section.

11 **SEC. 913. TRANSITION OF CERTAIN DEFENSE AGENCIES**
12 **AND DEPARTMENT OF DEFENSE FIELD AC-**
13 **TIVITIES.**

14 (a) **DEFENSE INFORMATION SYSTEMS AGENCY.**—

15 (1) **TRANSFER OF FUNCTIONS.**—Not later than
16 January 1, 2021, the Secretary of Defense, acting
17 through the Chief Management Officer of the De-
18 partment of Defense, shall—

19 (A) transfer all information technology
20 contracting and acquisition services of the De-
21 fense Information Systems Agency to other ele-
22 ments of the Department of Defense, which
23 may include the transfer of such services to the
24 military departments; and

1 (B) transfer all senior leader communica-
2 tions functions of the Agency to other elements
3 of the Department of Defense.

4 (2) TRANSITION PLAN.—Not later than March
5 1, 2020, the Chief Management Officer shall submit
6 to the congressional defense committees a plan for
7 the transfers required under paragraph (1).

8 (b) ELIMINATION OF WASHINGTON HEADQUARTERS
9 SERVICES.—

10 (1) ELIMINATION REQUIRED.—Not later than
11 January 1, 2021, the Secretary of Defense, acting
12 through the Chief Management Officer of the De-
13 partment of Defense, shall eliminate the Washington
14 Headquarters Services.

15 (2) TRANSFER OR ELIMINATION.—

16 (A) TRANSFER.—The Chief Management
17 Officer shall transfer to other elements of the
18 Office of the Secretary of Defense only such
19 functions of the Washington Headquarters
20 Services as are necessary to carry out an essen-
21 tial function not otherwise carried out by such
22 Office, as determined by the Chief Management
23 Officer.

24 (B) ELIMINATION.—Any functions of the
25 Washington Headquarters Services that are not

1 transferred to another element of the Office of
2 the Secretary of Defense under subparagraph
3 (A) shall be eliminated.

4 (3) TRANSFER OR DISPOSITION OF ASSETS.—
5 The Chief Management Officer shall dispose of, or
6 transfer to other elements of the Office of the Sec-
7 retary of Defense, any assets of the Washington
8 Headquarters Services.

9 (4) TRANSITION PLAN.—Not later than March
10 1, 2020, the Chief Management Officer shall submit
11 to the congressional defense committees a plan for
12 the eliminations and transfers required under this
13 subsection.

14 (c) REVIEW OF DEFENSE AGENCIES AND DEPART-
15 MENT OF DEFENSE FIELD ACTIVITIES.—

16 (1) REVIEW REQUIRED.—The Chief Manage-
17 ment Officer of the Department of Defense shall re-
18 view the efficiency and effectiveness of each Defense
19 Agency and Department of Defense Field Activity.
20 As part of the review, the Chief Management Officer
21 shall identify each function of an Agency or Activity
22 that is substantially similar to, or duplicative of, a
23 function carried out by another organization or ele-
24 ment of the Department of Defense.

1 (2) REPORT.—Not later than March 1, 2020,
2 the Chief Management Officer shall submit to the
3 congressional defense committees a report that in-
4 cludes the results of the review conducted under
5 paragraph (1).

6 (3) CMO VERIFICATION AND TRANSITION
7 PLAN.—Together with the submission of the report
8 under paragraph (2) and based on the results of the
9 review conducted under paragraph (1), the Chief
10 Management Officer shall submit to the congres-
11 sional defense committees—

12 (A) a list identifying each Defense Agency
13 and Department of Defense Field Activity that
14 the Chief Management Officer has deter-
15 mined—

16 (i) operates efficiently and effectively;
17 and

18 (ii) does not carry out any function
19 that is substantially similar to, or duplica-
20 tive of, a function carried out by another
21 organization or element of the Department
22 of Defense; and

23 (B) with respect to each Agency or Activity
24 not included on the list under subparagraph
25 (A), a plan for—

- 1 (i) eliminating the Agency or Activity;
2 or
3 (ii) transferring some or all of the
4 functions of the Agency or Activity to an-
5 other organization or element of the De-
6 partment of Defense.

7 (d) CLARIFICATION OF AUTHORITIES OF THE SEC-
8 RETARY OF DEFENSE.—

9 (1) IN GENERAL.—Except as provided in para-
10 graph (2), the Secretary of Defense shall have the
11 authority to establish or terminate any Defense
12 Agency or Department of Defense Field Activity.

13 (2) EXCEPTIONS.—The authority of the Sec-
14 retary of Defense to establish or terminate a De-
15 fense Agency or Department of Defense Field Activ-
16 ity under paragraph (1) does not apply to an Agency
17 or Activity that is specifically established or termi-
18 nated by an Act of Congress.

19 (3) REFERENCES.—Any reference in Federal
20 law, regulations, guidance, instructions, or other
21 documents of the Federal Government to a Defense
22 Agency or Department of Defense Field Activity ter-
23 minated by the Secretary of Defense under para-
24 graph (1), or to the head of such an Agency or Ac-

1 tivity, shall be deemed to be a reference to the Sec-
2 retary of Defense.

3 (4) NOTICE REQUIREMENT.—The Secretary of
4 Defense may not terminate a Defense Agency or De-
5 partment of Defense Field Activity until a period of
6 90 days has elapsed following the date on which the
7 Secretary submits to the congressional defense com-
8 mittees—

9 (A) notice of the intent of the Secretary to
10 terminate the Agency or Activity; and

11 (B) recommendations for legislative actions
12 that may be required as a result of such termi-
13 nation.

14 **SEC. 914. ACTIONS TO INCREASE THE EFFICIENCY AND**
15 **TRANSPARENCY OF THE DEFENSE LOGISTICS**
16 **AGENCY.**

17 (a) SYSTEM AND CAPABILITY.—Not later than Janu-
18 ary 1, 2021, the Director of the Defense Logistics Agency
19 and the Chief Management Officer of the Department of
20 Defense shall jointly, in consultation with the customers
21 served by the Agency, develop and implement—

22 (1) a comprehensive system that enables cus-
23 tomers of the Agency to view—

24 (A) the inventory of items and materials
25 available to customers from the Agency; and

1 (B) the delivery status of items and mate-
2 rials that are in transit to customers; and

3 (2) a predictive analytics capability designed to
4 increase the efficiency of the system described in
5 paragraph (1) by identifying emerging customer
6 needs with respect to items and materials supplied
7 by the Agency, including any emerging needs arising
8 from the use of new weapon systems by customers.

9 (b) ACTIONS TO INCREASE EFFICIENCY.—Not later
10 than January 1, 2021, the Director of the Defense Logis-
11 tics Agency and the Chief Management Officer shall joint-
12 ly—

13 (1) reduce the rates charged to customers, in
14 aggregate, by not less than 10 percent;

15 (2) eliminate the duplication of services within
16 the Agency; and

17 (3) establish specific goals and metrics to en-
18 sure that the Agency is fulfilling its mission of pro-
19 viding items and materials to customers with suffi-
20 cient speed and in sufficient quantities to ensure the
21 lethality and readiness of warfighters.

22 (c) PLAN REQUIRED.—Not later than March 1,
23 2020, the Director of the Defense Logistics Agency and
24 the Chief Management Officer shall jointly submit to the
25 congressional defense committees a plan that describes

1 how the Director and the Chief Management Officer will
2 achieve compliance with the requirements of subsections
3 (a) and (b).

4 **SEC. 915. REVIEW OF FUNCTIONS OF DEFENSE CONTRACT**
5 **AUDIT AGENCY AND DEFENSE CONTRACT**
6 **MANAGEMENT AGENCY.**

7 (a) REVIEW REQUIRED.—The Secretary of Defense,
8 acting through the Chief Management Officer of the De-
9 partment of Defense, shall direct the Under Secretary of
10 Defense for Acquisition and Sustainment and the Under
11 Secretary of Defense (Comptroller) to conduct a joint re-
12 view of the functions of the Defense Contract Audit Agen-
13 cy and the Defense Contract Management Agency. The
14 review shall include—

15 (1) a validation of the missions and functions of
16 each Agency;

17 (2) a determination of whether there are func-
18 tions performed by either Agency that could more
19 appropriately be performed by—

20 (A) the other Agency;

21 (B) any other organization or element of
22 the Department of Defense, including the mili-
23 tary departments; or

24 (C) commercial providers; and

1 (3) a validation of the continued need for two
2 separate Agencies with oversight for defense con-
3 tracting.

4 (b) REPORT REQUIRED.—Not later than March 1,
5 2020, the Secretary of Defense shall submit to the con-
6 gressional defense committees a report that includes the
7 results of the review conducted under subsection (a).

8 **SEC. 916. STREAMLINING OF DEFENSE FINANCE AND AC-**
9 **COUNTING SERVICES.**

10 (a) IN GENERAL.—Not later than January 1, 2021,
11 the Chief Management Officer and the Under Secretary
12 of Defense (Comptroller) shall jointly carry out activities
13 to streamline, reduce duplication, and make more effective
14 the operations of the Defense Finance and Accounting
15 Services.

16 (b) PLAN REQUIRED.— Not later than March 1,
17 2020, the Chief Management Officer and the Under Sec-
18 retary of Defense (Comptroller) shall jointly submit to the
19 congressional defense committees a plan for carrying out
20 the activities required under subsection (a).

21 **SEC. 917. REDUCTION IN NUMBER OF CHIEF INFORMATION**
22 **OFFICERS IN THE SENIOR EXECUTIVE SERV-**
23 **ICE.**

24 With respect to the total number of Chief Informa-
25 tion Officer positions within the Department of Defense,

1 during calendar year 2021 and each year thereafter not
2 more than five of such positions may be Senior Executive
3 Service positions (as that term is described in section
4 3132(a)(2) of title 5, United States Code).

5 **SEC. 918. GENERAL PROVISIONS.**

6 (a) CONSOLIDATED REPORT.—The plans and reports
7 required to be submitted to the congressional defense com-
8 mittees under this subtitle on or before March 1, 2020,
9 may be combined and submitted in the form of a single,
10 consolidated document.

11 (b) DEFINITIONS.—In this subtitle:

12 (1) The term “Chief Management Officer”
13 means the Chief Management Officer of the Depart-
14 ment of Defense.

15 (2) The terms “Defense Agency”, “Department
16 of Defense Field Activity”, and “military depart-
17 ments” have the meanings given the terms in section
18 101(a) of title 10, United States Code.

19 (c) CONFORMING AMENDMENT.—Section 143(b) of
20 title 10, United States Code, is amended by striking “and
21 the Washington Headquarters Services of the Department
22 of Defense”.

23 (d) EFFECTIVE DATE.—The amendment made by
24 subsection (c) shall take effect on the earlier of—

1 (1) the date on which the Washington Head-
2 quarters Services is eliminated under section 913; or

3 (2) January 1, 2021.

4 **Subtitle C—Other Matters**

5 **SEC. 921. ARTIFICIAL INTELLIGENCE AND MACHINE** 6 **LEARNING POLICY AND OVERSIGHT COUN-** 7 **CIL.**

8 (a) ESTABLISHMENT.—In order to fulfill the respon-
9 sibilities specified in Section 133a of title 10, United
10 States Code, the Under Secretary of Defense for Research
11 and Engineering shall establish and lead a team to be
12 known as the “Artificial Intelligence and Machine Learn-
13 ing Policy and Oversight Council” (in this section referred
14 to as the “Council”).

15 (b) PURPOSE.—The purpose of the Council shall be
16 to—

17 (1) integrate the functional activities of the or-
18 ganizations and elements of the Department of De-
19 fense with respect to artificial intelligence and ma-
20 chine learning;

21 (2) ensure there are efficient and effective arti-
22 ficial intelligence and machine learning capabilities
23 throughout Department; and

24 (3) develop and continuously improve research,
25 innovation, policy, joint processes, and procedures to

1 facilitate the development, acquisition, integration,
2 advancement, and sustainment of artificial intel-
3 ligence and machine learning throughout the De-
4 partment.

5 (c) MEMBERSHIP.—The membership of the Council
6 shall include the following:

7 (1) The Under Secretary of Defense for Re-
8 search and Engineering, or the designee of the
9 Under Secretary, who shall serve as the leader of the
10 Council.

11 (2) The following officials of the Department of
12 Defense, or their designees:

13 (A) The Under Secretary of Defense for
14 Acquisition and Sustainment.

15 (B) The Chief Management Officer of the
16 Department of Defense.

17 (C) The Under Secretary of Defense
18 (Comptroller).

19 (D) The Under Secretary of Defense for
20 Personnel and Readiness.

21 (E) The Under Secretary of Defense for
22 Intelligence.

23 (F) The General Counsel of the Depart-
24 ment of Defense.

25 (G) The head of each military service.

1 (H) The Commander of the United States
2 Special Operations Command.

3 (I) The Director of the Defense Advanced
4 Research Projects Agency.

5 (3) Any other official of the Department of De-
6 fense determined to be appropriate by the Under
7 Secretary of Defense for Research and Engineering.

8 (d) OPERATION.—The Council shall operate continu-
9 ously.

10 **SEC. 922. LIMITATION ON TRANSFER OF THE CHEMICAL,**
11 **BIOLOGICAL, AND RADIOLOGICAL DEFENSE**
12 **DIVISION OF THE NAVY.**

13 (a) FINDINGS.—Congress makes the following find-
14 ings:

15 (1) The Chemical, Biological, and Radiological
16 Defense Division of the Navy, currently based at the
17 Naval Surface Warfare Center in Dahlgren, Vir-
18 ginia, consists of a highly effective team of scientists
19 performing critical work for the United States.

20 (2) The Secretary of the Navy has notified Con-
21 gress of the intent of the Secretary to transfer the
22 Division to another location.

23 (3) The Secretary has not provided Congress
24 with a detailed cost benefit analysis or any other in-

1 formation that adequately justifies the proposed
2 transfer of the Division.

3 (b) REPORT REQUIRED.—Not later than 90 days
4 after the date of the enactment of this Act, the Secretary
5 of the Navy shall submit to the congressional defense com-
6 mittees a report that includes—

7 (1) a detailed timeline for the proposed transfer
8 of the Chemical, Biological, and Radiological De-
9 fense Division of the Navy from Virginia to another
10 location;

11 (2) a full accounting of the costs associated
12 with the proposed transfer, including—

13 (A) all personnel costs;

14 (B) all equipment costs; and

15 (C) all facility renovation costs for the ex-
16 isting facilities of the Division and the facilities
17 to which the Division is proposed to be trans-
18 ferred;

19 (3) a risk assessment of the operational impact
20 of the transfer during the transition period; and

21 (4) an explanation of the operational benefit ex-
22 pected to be achieved by collocating all Chemical, Bi-
23 ological, and Radiological elements of the Depart-
24 ment of the Navy.

1 (c) LIMITATION.—The Secretary of the Navy may not
2 transfer, or prepare to transfer, the Chemical, Biological,
3 and Radiological Defense Division of the Navy from Dahl-
4 gren, Virginia to another location until a period of 45 days
5 has elapsed following the date on which the report is sub-
6 mitted to the congressional defense committees under sub-
7 section (b).

8 **TITLE X—GENERAL PROVISIONS**

9 **Subtitle A—Financial Matters**

10 **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

11 (a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

12 (1) AUTHORITY.—Upon determination by the
13 Secretary of Defense that such action is necessary in
14 the national interest, the Secretary may transfer
15 amounts of authorizations made available to the De-
16 partment of Defense in this division for fiscal year
17 2019 between any such authorizations for that fiscal
18 year (or any subdivisions thereof). Amounts of au-
19 thorizations so transferred shall be merged with and
20 be available for the same purposes as the authoriza-
21 tion to which transferred.

22 (2) LIMITATION.—Except as provided in para-
23 graph (3), the total amount of authorizations that
24 the Secretary may transfer under the authority of
25 this section may not exceed \$5,000,000,000.

1 (3) EXCEPTION FOR TRANSFERS BETWEEN
2 MILITARY PERSONNEL AUTHORIZATIONS.—A trans-
3 fer of funds between military personnel authoriza-
4 tions under title IV shall not be counted toward the
5 dollar limitation in paragraph (2).

6 (b) LIMITATIONS.—The authority provided by sub-
7 section (a) to transfer authorizations—

8 (1) may only be used to provide authority for
9 items that have a higher priority than the items
10 from which authority is transferred; and

11 (2) may not be used to provide authority for an
12 item that has been denied authorization by Con-
13 gress.

14 (c) EFFECT ON AUTHORIZATION AMOUNTS.—A
15 transfer made from one account to another under the au-
16 thority of this section shall be deemed to increase the
17 amount authorized for the account to which the amount
18 is transferred by an amount equal to the amount trans-
19 ferred.

20 (d) NOTICE TO CONGRESS.—The Secretary shall
21 promptly notify Congress of each transfer made under
22 subsection (a).

23 **SEC. 1002. EXPERTISE IN AUDIT REMEDIATION.**

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

1 (1) The ongoing efforts to produce auditable fi-
2 nancial statements for the Department of Defense,
3 its agencies, and the military services enhance readi-
4 ness and accountability by ensuring effective stew-
5 ardship of taxpayer resources.

6 (2) The transition from audit readiness to audit
7 performance and remediation are critical phases, de-
8 manding expertise from accounting firms and finan-
9 cial management professionals to ensure that the
10 Department successfully addresses issues identified
11 in an audit.

12 (3) Support from the private sector enhances
13 the ability of the Department to conduct audit and
14 remediation activities, and will enable the Depart-
15 ment to achieve its strategic objective of improving
16 business practices with efficiency and accountability.

17 (b) ADDITIONAL REQUIREMENTS FOR SEMIANNUAL
18 BRIEFING ON THE FINANCIAL IMPROVEMENT AND AUDIT
19 REMEDATION PLAN.—Section 252(b)(2) of title 10,
20 United States Code, is amended by adding at the end the
21 following new sentence: “Such briefing shall include the
22 amount of auditing and audit remediation services being
23 performed by professionals meeting the qualifications de-
24 scribed in section 254(b) of this title, both as an absolute

1 number and as a percentage of auditing and audit remedi-
2 ation services 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
8 auditing and audit remediation services
9 under contract, as described in the briefing
10 required under paragraph (2), are being
11 performed by professionals meeting the
12 qualifications described in section 254(b)
13 of this title, a detailed description of the
14 risks associated with the risks of the acqui-
15 sition strategy of the Department with re-
16 spect to conducting audits and audit reme-
17 diation activities and an explanation of
18 how the strategy complies with the policies
19 expressed 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)

1 of this title, a written certification that the
2 staffing ratio complies with commercial
3 best practices and presents no increased
4 risk of delay in the Department's ability to
5 achieve 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 de-
10 scription submitted pursuant to clause (vii)
11 of subparagraph (B) or a certification sub-
12 mitted pursuant to clause (viii) of such
13 subparagraph shall be submitted in unclas-
14 sified form, but may contain a classified
15 annex.

16 “(ii) DELEGATION.—The Secretary
17 may not delegate the submission of a cer-
18 tification pursuant to clause (viii) of sub-
19 paragraph (B) to any official other than
20 the 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
4 may transfer to the Director of National Intelligence,
5 under the authority in section 1001 of this Act, an amount
6 that does not exceed \$2,000,000 to provide support for
7 the operation of the classified network known as
8 CAPNET.

9 **SEC. 1004. INDEPENDENT PUBLIC ACCOUNTANT AUDIT OF**
10 **FINANCIAL SYSTEMS OF THE DEPARTMENT**
11 **OF DEFENSE.**

12 The Secretary of Defense shall ensure that each
13 major implementation of, or modification to, a financial
14 system of the Department of Defense is reviewed by an
15 independent public accountant to validate that such finan-
16 cial system will meet any applicable Federal requirements.

17 **Subtitle B—Counterdrug Activities**

18 **SEC. 1011. DEPARTMENT OF DEFENSE SUPPORT FOR COM-**
19 **BATING OPIOID TRAFFICKING AND ABUSE.**

20 (a) FINDINGS; SENSE OF CONGRESS.—

21 (1) FINDINGS.—Congress makes the following
22 findings:

23 (A) Over the past 15 years, opioid use in
24 the United States has grown exponentially.

25 (B) According to the Office of National
26 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 Of-
5 fice of National Drug Control Policy, in 2016,
6 11,500,000 people misused prescription opioids.

7 (D) The predominant amount of precur-
8 sors for fentanyl production are illicitly traf-
9 ficked 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
3 the national opioid epidemic; and

4 (B) the role of the Department of Defense
5 is critical to identifying transnational criminal
6 organizations that allow illicit opioids to enter
7 the 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
11 made available to the Department of Defense for National
12 Guard counterdrug programs for fiscal year 2019,
13 \$20,000,000 shall be made available to provide support
14 for United States interagency efforts to combat opioid
15 trafficking and abuse in the United States, as specified
16 in the funding table in Division D.

17 **Subtitle C—Naval Vessels and**
18 **Shipyards**

19 **SEC. 1021. INCLUSION OF OPERATION AND SUSTAINMENT**
20 **COSTS IN ANNUAL NAVAL VESSEL CON-**
21 **STRUCTION 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
4 is anticipated to be delivered by not later than
5 2026.”.

(b) LIMITATION ON USE OF FUNDS.—Of the amounts authorized to be appropriated or otherwise made available by this Act for fiscal year 2019 for the Military Sealift Command, the Secretary of the Navy may not obligate or expend more than 75 percent until the Secretary submits to the congressional defense committees certification that the Navy has—

(1) entered into a contract for the procurement of two used National Defense Reserve Fleet vessels in accordance with section 2218(f)(3)(C) of title 10, United States Code; and

(2) completed the capability development document for the common hull multi-mission platform.

19 SEC. 1023. PURCHASE OF VESSELS BUILT IN FOREIGN SHIP-
20 YARDS WITH FUNDS IN NATIONAL DEFENSE
21 SEALIFT FUND.

22 Section 2218(f)(3) of title 10, United States Code,
23 as amended by section 1022, is further amended—

24 (1) in subparagraph (F), as redesignated by
25 such 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 CLARIFICA-**
20 **TIONS TO CHAPTER 633 OF TITLE 10, UNITED**
21 **STATES CODE, AND OTHER PROVISIONS OF**
22 **LAW REGARDING NAVAL VESSELS.**

23 (a) MODEL BASIN; INVESTIGATION OF HULL DE-
24 SIGNS.—Section 7303 of title 10, United States Code, is
25 amended by striking “(a) An office” and all that follows

1 through “(b) The Secretary” and inserting “The Sec-
2 retary”.

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
15 by striking the items relating to sections 7294.
16 7295. 7300, 7306, and 7306b.

17 (c) OTHER PROVISIONS OF LAW.—

18 (1) REPEAL OF METERING OF NAVY PIERS TO
19 ACCURATELY MEASURE ENERGY CONSUMPTION.—
20 Section 2828 of the National Defense Authorization
21 Act for Fiscal Year 2012 (Public Law 112-81; 125
22 Stat. 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
5 (c) as subsections (a) and (b), respectively.

6 (3) REPEAL OF POLICY RELATING TO MAJOR
7 COMBATANT VESSELS OF THE STRIKE FORCES OF
8 THE UNITED STATES NAVY.—Section 1012 of the
9 National Defense Authorization Act for Fiscal Year
10 2008 (Public Law 110–181; 122 Stat. 303; 10
11 U.S.C. 7291 note) is repealed.

12 (4) REPEAL OF ALTERNATIVE TECHNOLOGIES
13 FOR FUTURE SURFACE COMBATANTS.—Section 128
14 of the John Warner National Defense Authorization
15 Act for Fiscal Year 2007 (Public Law 109–364; 120
16 Stat. 2109; 10 U.S.C. 7291 note) is repealed.

17 (5) REPEAL OF OBSOLETE PROVISION ON VES-
18 SEL SCRAPPING PILOT PROGRAM.—Section 8124 of
19 the Department of Defense Appropriations Act,
20 1999 (Public Law 105–262; 112 Stat. 2333; 10
21 U.S.C. 7291 note) is repealed.

22 (6) REPEAL OF PROVISION ON CONSIDERATION
23 OF VESSEL LOCATION FOR AWARD OF LAYBERTH
24 CONTRACTS FOR SEALIFT VESSELS.—Section 375 of
25 the National Defense Authorization Act for Fiscal

1 Year 1993 (Public Law 102–484; 106 Stat. 2385;
2 10 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
7 Stat. 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;
12 106 Stat. 2485; 10 U.S.C. 7291 note) is re-
13 pealed.

14 (B) ESTABLISHMENT OF PROGRAM.—Sec-
15 tion 1424 of the National Defense Authoriza-
16 tion Act for Fiscal Year 1991 (Public Law
17 101–510; 104 Stat. 1683; 10 U.S.C. 7291
18 note) is repealed.

19 (9) REPEAL OF REQUIREMENTS RELATING TO
20 DEPOT-LEVEL MAINTENANCE OF SHIPS.—Section
21 1614 of the National Defense Authorization Act for
22 Fiscal Years 1990 and 1991 (Public Law 101–189;
23 103 Stat. 1601; 10 U.S.C. 7291 note) is amended
24 by striking subsections (a) and (b).

1 (10) REPEAL OF OBSOLETE REQUIREMENT FOR
2 REPORTS ON EFFECTS OF NAVAL SHIPBUILDING
3 PLANS ON MARITIME INDUSTRIES.—Section 1227 of
4 the National Defense Authorization Act for Fiscal
5 Year 1989 (Public Law 100–456; 102 Stat. 2055;
6 10 U.S.C. 7291 note) is repealed.

7 (11) REPEAL OF SIX-HUNDRED-SHIP GOAL FOR
8 NAVY; SENSE OF CONGRESS.—Section 791 of the
9 Department of Defense Appropriations Act, 1982
10 (Public Law 97–114; 95 Stat. 1593; 10 U.S.C. 7291
11 note) is repealed.

12 (12) REPEAL OF PROHIBITION ON USE OF PUB-
13 LIC AND PRIVATE SHIPYARDS FOR CONVERSION,
14 OVERHAUL, OR REPAIR WORK UNDER CERTAIN PRO-
15 GRAMS.—Section 811 of the Department of Defense
16 Appropriations Act, 1979 (Public Law 95–485; 92
17 Stat. 1624; 10 U.S.C. 7291 note) is repealed.

18 (13) REPEAL OF OBSOLETE REQUIREMENT TO
19 SUBMIT A FIVE-YEAR NAVAL SHIP NEW CONSTRUC-
20 TION AND CONVERSION PROGRAM.—Section 808 of
21 the Department of Defense Authorization Act, 1976
22 (Public Law 94–106; 89 Stat. 539; 10 U.S.C. 7291
23 note) is repealed.

1 **SEC. 1025. RETENTION OF NAVY HOSPITAL SHIP CAPA-**
2 **BILITY.**

3 (a) RETENTION OF SHIPS.—The Secretary of the
4 Navy shall retain two T-AH 19 Mercy-class hospital ships
5 at a readiness level that provides for the activation and
6 deployment of each such ship within a period that does
7 not exceed 5 days.

8 (b) WAIVER AUTHORITY.—The Secretary of the
9 Navy may waive the requirement under subsection (a) if
10 the Secretary submits to the congressional defense com-
11 mittees certification in writing that the Secretary has—

12 (1) for any T-AH 19 Mercy-class hospital ship
13 to be retired or transferred, identified a replacement
14 capability to meet the combatant commander afloat
15 medical capability for medical and surgical care that
16 is being met by the ship to be retired or transferred;
17 and

18 (2) achieved the initial operational capability of
19 the replacement capability described in paragraph
20 (1).

21 **Subtitle D—Counterterrorism**

22 **SEC. 1031. DEFINITION OF SENSITIVE MILITARY OPER-**
23 **ATION.**

24 Subsection (d) of section 130f of title 10, United
25 States Code, is amended to read as follows:

1 “(d) SENSITIVE MILITARY OPERATION DEFINED.—

2 (1) Except as provided in paragraph (2), in this section,
3 the term ‘sensitive military operation’ means a lethal oper-
4 ation or capture operation conducted by the armed forces
5 or conducted by a foreign partner in coordination with the
6 armed forces that targets a specific individual or individ-
7 uals.

8 “(2) For purposes of this section, the term ‘sensitive
9 military operation’ does not include any operation con-
10 ducted within Afghanistan.”.

11 **SEC. 1032. PROHIBITION ON USE OF FUNDS FOR TRANSFER**
12 **OR RELEASE OF INDIVIDUALS DETAINED AT**
13 **UNITED STATES NAVAL STATION, GUANTA-**
14 **NAMO BAY, CUBA, TO THE UNITED STATES.**

15 No amounts authorized to be appropriated or other-
16 wise made available for the Department of Defense may
17 be used during the period beginning on the date of the
18 enactment of this Act and ending on December 31, 2019,
19 to transfer, release, or assist in the transfer of or release
20 to or within the United States, its territories, or posses-
21 sions Khalid Sheikh Mohammed or any other detainee
22 who—

23 (1) is not a United States citizen or a member
24 of the Armed Forces of the United States; and

1 (2) is or was held on or after January 20,
2 2009, at United States Naval Station, Guantanamo
3 Bay, Cuba, by the Department of Defense.

4 **SEC. 1033. PROHIBITION ON USE OF FUNDS TO CONSTRUCT**
5 **OR MODIFY FACILITIES IN THE UNITED**
6 **STATES TO HOUSE DETAINEES TRANS-**
7 **FERRED FROM UNITED STATES NAVAL STA-**
8 **TION, GUANTANAMO BAY, CUBA.**

9 (a) IN GENERAL.—No amounts authorized to be ap-
10 propriated or otherwise made available for the Depart-
11 ment of Defense may be used during the period beginning
12 on the date of the enactment of this Act and ending on
13 December 31, 2019, to construct or modify any facility
14 in the United States, its territories, or possessions to
15 house any individual detained at Guantanamo for the pur-
16 poses of detention or imprisonment in the custody or
17 under the control of the Department of Defense.

18 (b) EXCEPTION.—The prohibition in subsection (a)
19 shall not apply to any modification of facilities at United
20 States Naval Station, Guantanamo Bay, Cuba.

21 (c) INDIVIDUAL DETAINED AT GUANTANAMO DE-
22 FINED.—In this section, the term “individual detained at
23 Guantanamo” has the meaning given that term in section
24 1034(f)(2) of the National Defense Authorization Act for

1 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10
2 U.S.C. 801 note).

3 **SEC. 1034. PROHIBITION ON USE OF FUNDS FOR TRANSFER**
4 **OR RELEASE OF INDIVIDUALS DETAINED AT**
5 **UNITED STATES NAVAL STATION, GUANTA-**
6 **NAMO BAY, CUBA, TO CERTAIN COUNTRIES.**

7 No amounts authorized to be appropriated or other-
8 wise made available for the Department of Defense may
9 be used during the period beginning on the date of the
10 enactment of this Act and ending on December 31, 2019,
11 to transfer, release, or assist in the transfer or release of
12 any individual detained in the custody or under the control
13 of the Department of Defense at United States Naval Sta-
14 tion, Guantanamo Bay, Cuba, to the custody or control
15 of any country, or any entity within such country, as fol-
16 lows:

- 17 (1) Libya.
18 (2) Somalia.
19 (3) Syria.
20 (4) Yemen.

1 **Subtitle E—Miscellaneous**
2 **Authorities and Limitations**

3 **SEC. 1041. NOTIFICATION ON THE PROVISION OF DEFENSE**
4 **SENSITIVE SUPPORT.**

5 Section 1055 of the National Defense Authorization
6 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.
7 113 note) is amended—

8 (1) in subsection (a)—

9 (A) in paragraph (1), by striking “; and”
10 and inserting a semicolon;

11 (B) in paragraph (2)(B), by striking the
12 period at the end and inserting a semicolon;
13 and

14 (C) by adding at the end the following new
15 paragraphs:

16 “(3) is requested by the non-Department of De-
17 fense Federal department or agency only after the
18 department or agency has first reasonably attempted
19 to use the resources of that department or agency to
20 accomplish the mission for which the department or
21 agency is making such request; and

22 “(4) is most appropriately provided by the De-
23 partment of Defense rather than another depart-
24 ment or agency of the Federal Government.”; and

1 (2) in subsection (b), by adding at the end the
2 following new paragraph:

3 “(4) REVERSE DEFENSE SENSITIVE SUPPORT
4 REQUEST.—The Secretary shall notify the congres-
5 sional defense committees (and the congressional in-
6 telligence committees with respect to matters relat-
7 ing to members of the intelligence community) of re-
8 quests made by the Secretary to a non-Department
9 of Defense Federal department or agency for sup-
10 port that requires special protection from disclosure
11 in the same manner and containing the same infor-
12 mation as the Secretary notifies such committees of
13 defense sensitive support requests under paragraphs
14 (1) and (3).”.

15 **SEC. 1042. COORDINATING UNITED STATES RESPONSE TO**
16 **MALIGN FOREIGN INFLUENCE OPERATIONS**
17 **AND CAMPAIGNS.**

18 (a) IN GENERAL.—Section 101 of the National Secu-
19 rity Act of 1947 (50 U.S.C. 3021) is amended—

20 (1) in subsection (b)—

21 (A) in paragraph (2), by striking “and” at
22 the end;

23 (B) in paragraph (3), by striking the pe-
24 riod and inserting “; and”; and

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

3 “(4) coordinate, without assuming operational
4 authority, the United States Government response to
5 malign foreign influence operations and cam-
6 paigns.”; and

7 (2) by adding at the end the following new sub-
8 sections:

9 “(g) COORDINATOR FOR COMBATING MALIGN FOR-
10 EIGN INFLUENCE OPERATIONS AND CAMPAIGNS.—

11 “(1) IN GENERAL.—The President shall des-
12 ignate an employee of the National Security Council
13 to be responsible for the coordination of the inter-
14 agency process for combating malign foreign influ-
15 ence operations and campaigns.

16 “(2) CONGRESSIONAL BRIEFING.—

17 “(A) IN GENERAL.—Not less frequently
18 than twice each year, the employee designated
19 under this subsection shall provide to the con-
20 gressional committees specified in subparagraph
21 (B) a briefing on the responsibilities and activi-
22 ties of the individual under this subsection.

23 “(B) COMMITTEES SPECIFIED.—The con-
24 gressional committees specified in this subpara-
25 graph are the following:

1 “(i) The Committees on Armed Serv-
2 ices, Foreign Affairs, and Oversight and
3 Government Reform, and the Permanent
4 Select Committee on Intelligence of the
5 House of Representatives.

6 “(ii) The Committees on Armed Serv-
7 ices, Foreign Relations, and Homeland Se-
8 curity and Governmental Affairs, and the
9 Select Committee on Intelligence of the
10 Senate.

11 “(h) DEFINITION OF MALIGN FOREIGN INFLUENCE
12 OPERATIONS AND CAMPAIGNS.—In this section, the term
13 ‘malign foreign influence operations and campaigns’
14 means the coordinated, integrated, and synchronized ap-
15 plication of national diplomatic, informational, military,
16 economic, business, corruption, educational, and other ca-
17 pabilities by hostile foreign powers to foster attitudes, be-
18 haviors, decisions, or outcomes within the United States.”.

19 (b) STRATEGY.—

20 (1) IN GENERAL.—Not later than 9 months
21 after the date of the enactment of this Act, the
22 President, acting through the National Security
23 Council, shall submit to the congressional commit-
24 tees specified in paragraph (2) a strategy to counter
25 malign foreign influence operations and campaigns

1 (as such term is defined in section 101(h) of the Na-
2 tional Security Act of 1947 (50 U.S.C. 3021), as
3 added by subsection (a)).

4 (2) COMMITTEES SPECIFIED.—The congres-
5 sional committees specified in this paragraph are the
6 following:

7 (A) The Committees on Armed Services,
8 Foreign Affairs, and Oversight and Government
9 Reform, and the Permanent Select Committee
10 on Intelligence of the House of Representatives.

11 (B) The Committees on Armed Services,
12 Foreign Relations, and Homeland Security and
13 Governmental Affairs, and the Select Com-
14 mittee on Intelligence of the Senate.

15 **SEC. 1043. WORKFORCE ISSUES FOR MILITARY REALIGN-**
16 **MENTS IN THE PACIFIC.**

17 Section 6(b)(1) of the Joint Resolution entitled “A
18 Joint Resolution to approve the ‘Covenant To Establish
19 a Commonwealth of the Northern Mariana Islands in Po-
20 litical Union With the United States of America’, and for
21 other purposes”, approved March 24, 1976 (48 U.S.C.
22 1806(b)(1)) is amended—

23 (1) in subparagraph (A), by striking “during
24 the transition program” and inserting “during the
25 period beginning on the transition program effective

1 date and ending on the later of September 30, 2020,
2 or the last day of the transition period”;

3 (2) by amending subparagraph (B) to read as
4 follows:

5 “(B) H-2B WORKERS.—In the case of an
6 alien described in subparagraph (A) who seeks
7 admission under section 101(a)(15)(H)(ii)(b) of
8 the Immigration and Nationality Act (8 U.S.C.
9 1101(a)(15)(H)(ii)(b)), the alien, if otherwise
10 qualified, may, before the later of December 31,
11 2023, or the last day of the transition period,
12 be admitted under such section, notwith-
13 standing the requirement of such section that
14 the service or labor be temporary, for a period
15 of up to 3 years—

16 “(i) to perform service or labor on
17 Guam or in the Commonwealth pursuant
18 to any agreement entered into by a prime
19 contractor or subcontractor calling for
20 services or labor required for performance
21 of a contract or subcontract for construc-
22 tion, repairs, renovations, or facility serv-
23 ices that is directly connected to, or associ-
24 ated with, the military realignment occur-

1 ring on Guam and in the Commonwealth;
2 or

3 “(ii) to perform service or labor as a
4 health care worker (such as a nurse, physi-
5 cian assistant, or allied health professional)
6 on Guam or in the Commonwealth, subject
7 to the education, training, licensing, and
8 other requirements of section 212(a)(5)(C)
9 of the Immigration and Nationality Act (8
10 U.S.C. 1182(a)(5)(C)), as applicable, ex-
11 cept that this clause shall not be construed
12 to include graduates of medical schools
13 coming to Guam or the Commonwealth to
14 perform service or labor as members of the
15 medical profession.”; and

16 (3) by adding at the end the following:

17 “(C) RETURNING WORKERS.—After the
18 end of the period described in subparagraph
19 (A), any alien who was admitted to Guam or
20 the Commonwealth pursuant to subparagraph
21 (A) or (B) may again seek admission to Guam
22 or the Commonwealth under section
23 101(a)(15)(H)(ii)(b) of the Immigration and
24 Nationality Act (8 U.S.C.
25 1101(a)(15)(H)(ii)(b)) without being counted

1 toward the numerical limitation of section
2 214(g)(1)(B) of such Act (8 U.S.C.
3 1184(g))(1)(B)). Such an alien shall be consid-
4 ered to be a returning worker subject to sub-
5 paragraphs (B) and (C) of section 214(g)(9) of
6 such Act (8 U.S.C. 1184(g)(9)). An alien may
7 be considered to be a returning worker under
8 this subparagraph only once.”.

9 **SEC. 1044. MITIGATION OF OPERATIONAL RISKS POSED TO**
10 **CERTAIN MILITARY AIRCRAFT BY AUTO-**
11 **MATIC DEPENDENT SURVEILLANCE-BROAD-**
12 **CAST EQUIPMENT.**

13 (a) IN GENERAL.—The Secretary of Transportation
14 may not—

15 (1) directly or indirectly require the installation
16 of automatic dependent surveillance-broadcast (here-
17 inafter in this section referred to as “ADS-B”)
18 equipment on fighter aircraft, bomber aircraft, or
19 other special mission aircraft owned or operated by
20 the Department of Defense;

21 (2) deny or reduce air traffic control services in
22 United States airspace or international airspace del-
23 egated to the United States to any aircraft described
24 in paragraph (1) on the basis that such aircraft is
25 not equipped with ADS-B equipment; or

1 (3) restrict or limit airspace access for aircraft
2 described in paragraph (1) on the basis such aircraft
3 are not equipped with ADS-B equipment.

4 (b) TERMINATION.—Subsection (a) shall cease to be
5 effective on the date that the Secretary of Transportation
6 and the Secretary of Defense jointly submit to the appro-
7 priate congressional committees notice that the Secre-
8 taries have entered into a memorandum of agreement or
9 other similar agreement providing that fighter aircraft,
10 bomber aircraft, and other special mission aircraft owned
11 or operated by the Department of Defense that are not
12 equipped or not yet equipped with ADS-B equipment will
13 be reasonably accommodated for safe operations in the
14 National Airspace System and provided with necessary air
15 traffic control services.

16 (c) RULE OF CONSTRUCTION.—Nothing in this sec-
17 tion may be construed to—

18 (1) vest in the Secretary of Defense any author-
19 ity of the Secretary of Transportation or the Admin-
20 istrator of the Federal Aviation Administration
21 under title 49, United States Code, or any other
22 provision of law;

23 (2) vest in the Secretary of Transportation or
24 the Administrator of the Federal Aviation Adminis-
25 tration any authority of the Secretary of Defense

1 under title 10, United States Code, or any other
2 provision of law; or

3 (3) limit the authority or discretion of the Sec-
4 retary of Transportation or the Administrator of the
5 Federal Aviation Administration to operate air traf-
6 fic control services to ensure the safe minimum sepa-
7 ration of aircraft in flight and the efficient use of
8 airspace.

9 (d) NOTIFICATION REQUIREMENT.—The Secretary
10 of Defense shall provide to the Secretary of Transpor-
11 tation notification of any aircraft the Secretary of Defense
12 designates as a special mission aircraft pursuant to sub-
13 section (e)(3).

14 (e) DEFINITIONS.—In this section:

15 (1) The term “appropriate congressional com-
16 mittees” means the congressional defense commit-
17 tees, the Committee on Transportation and Infra-
18 structure of the House of Representatives, and the
19 Committee on Commerce, Science, and Transpor-
20 tation of the Senate.

21 (2) The term “air traffic control services”
22 means services used for the monitoring, directing,
23 control, and guidance of aircraft or flows of aircraft
24 and for the safe conduct of flight, including commu-

1 nications, navigation, and surveillance services and
2 provision of aeronautical information.

3 (3) The term “special mission aircraft” means
4 an aircraft the Secretary of Defense designates for
5 a unique mission to which ADS-B equipment creates
6 a unique risk.

7 **SEC. 1045. LIMITATION ON AVAILABILITY OF FUNDS FOR**
8 **UNMANNED SURFACE VEHICLES.**

9 (a) LIMITATION.—None of the funds authorized to
10 be appropriated by this Act or otherwise made available
11 for fiscal year 2019 for the Department of Defense for
12 the strategic capabilities office ghost fleet overlord un-
13 manned surface vehicle program may be obligated or ex-
14 pended until the Undersecretary of Defense for Research
15 and Engineering, in coordination with the Secretary of the
16 Navy, certifies to the congressional defense committees
17 that—

18 (1) such project accelerates development of the
19 future unmanned surface vehicle program of the
20 Navy;

21 (2) the Commander of the Naval Sea Systems
22 Command has been designated as the contracting of-
23 ficer for such project; and

24 (3) the desired procurement strategy for the
25 ghost fleet overlord project is properly coordinated

1 and not duplicative of the unmanned surface vehicle
2 sea hunter program of the Navy.

3 (b) RULE OF CONSTRUCTION.—The limitation in
4 subsection (a) shall not be construed to apply to any other
5 unmanned surface vehicle program of the Department of
6 Defense other than the program element specified in such
7 subsection.

8 **SEC. 1046. PROGRAM FOR DEPARTMENT OF DEFENSE CON-**
9 **TROLLED UNCLASSIFIED INFORMATION IN**
10 **THE HANDS OF INDUSTRY.**

11 (a) IN GENERAL.—The Secretary of Defense shall es-
12 tablish and implement a foreign ownership, control, or in-
13 fluence program for Department of Defense controlled un-
14 classified information in the hands of industry. The Sec-
15 retary may designate an entity or individual within the
16 Department to take responsibility for such controlled un-
17 classified information and the oversight of the program.

18 (b) PROGRAM REQUIREMENTS.—Under the program
19 required by subsection (a), the Secretary shall require that
20 prior to any company receiving controlled unclassified in-
21 formation or classified information, or becoming a cleared
22 defense contractor—

23 (1) the company shall report to the Secretary
24 any foreign—

1 (A) direction or controlling interest of the
2 company; or

3 (B) access to intellectual property relating
4 to classified information or controlled unclassi-
5 fied information; and

6 (2) the Secretary shall determine if, on the
7 basis of information reported under paragraph (1),
8 the company should receive such information, includ-
9 ing if risk to the national security can be mitigated
10 and how such mitigation would be enforced.

11 **SEC. 1047. PROTECTION OF EMERGING AND**
12 **FOUNDATIONAL TECHNOLOGIES.**

13 (a) LIST.—The Secretary of Defense shall establish
14 and maintain a list of emerging and foundational tech-
15 nologies that are necessary for maintaining the national
16 security technological advantage of the United States over
17 foreign countries of special concern, as determined by the
18 Secretary.

19 (b) TECHNOLOGY PROTECTION.—The Secretary shall
20 use the list under subsection (a) to inform activities car-
21 ried out by the Secretary relating to technology protection,
22 including under interagency processes conducted pursuant
23 to Federal law.

1 **Subtitle F—Studies and Reports**

2 **SEC. 1051. ADDITIONAL MATTER FOR INCLUSION IN AN-**
3 **NUAL REPORT ON CIVILIAN CASUALTIES IN**
4 **CONNECTION WITH UNITED STATES MILI-**
5 **TARY OPERATIONS.**

6 Section 1057(b)(2) of the National Defense Author-
7 ization Act for Fiscal Year 2018 (Public Law 115–91) is
8 amended by adding at the end the following new subpara-
9 graph:

10 “(F) A description of any ex gratia pay-
11 ments made in connection with such casual-
12 ties.”.

13 **SEC. 1052. DEPARTMENT OF DEFENSE REVIEW AND AS-**
14 **SESSMENT ON ADVANCES IN ARTIFICIAL IN-**
15 **TELLIGENCE AND MACHINE LEARNING.**

16 (a) REVIEW REQUIRED.—The Secretary of Defense,
17 acting through the Defense Innovation Board and the
18 Under Secretary of Defense for Research and Engineer-
19 ing, shall carry out a review and assessment of the ad-
20 vances in artificial intelligence, related machine learning
21 developments, and associated technologies for military ap-
22 plications. In carrying out such review, the Secretary shall
23 consider the methods and means necessary to advance the
24 development of artificial intelligence, machine learning,
25 and associated technologies within the Department of De-

1 fense to comprehensively address the national security
2 needs and requirements of the Department of Defense.

3 (b) SCOPE OF REVIEW.—In conducting the review
4 under paragraph (a) the Secretary of Defense shall con-
5 sider—

6 (1) the competitiveness of the Department of
7 Defense in artificial intelligence, machine learning,
8 and other associated technologies, including matters
9 pertaining to public-private partnerships and invest-
10 ments;

11 (2) means and methods for the Department of
12 Defense to maintain a technological advantage in ar-
13 tificial intelligence, machine learning, and other as-
14 sociated technologies, including quantum sciences
15 and high performance computing;

16 (3) means by which the Department of Defense
17 can help foster greater emphasis and investments in
18 basic and advanced research to stimulate private,
19 public, academic, and combined initiatives in artifi-
20 cial intelligence, machine learning, and other associ-
21 ated technologies, including quantum sciences, and
22 high performance computing;

23 (4) Department of Defense workforce and edu-
24 cation initiatives to attract and recruit leading talent
25 in artificial intelligence and machine learning, in-

1 cluding science, technology, engineering, and math
2 programs;

3 (5) means by which the Department of Defense
4 may establish data standards and provide incentives
5 for the sharing of open training data; and

6 (6) any other matters the Secretary of Defense
7 determines relevant with respect to the approach of
8 the Department of Defense to artificial intelligence
9 and machine learning.

10 (c) REPORTS.—

11 (1) INITIAL REPORT.—Not later than 180 days
12 after the date of the enactment of this Act, the Sec-
13 retary of Defense shall submit to the congressional
14 defense committees an initial report on the findings
15 of the review required under subsection (a) and such
16 recommendations as the Secretary may have for leg-
17 islative action related to artificial intelligence, ma-
18 chine learning, and associated technologies, includ-
19 ing recommendations to more effectively fund and
20 organize the Department of Defense.

21 (2) COMPREHENSIVE REPORT.—Not later than
22 one year after the date of the enactment of this Act,
23 the Secretary of Defense shall submit to the con-
24 gressional defense committees a comprehensive re-
25 port on the review required under subsection (a).

1 (d) DEFINITION OF ARTIFICIAL INTELLIGENCE.—In
2 this section, the term “artificial intelligence” includes each
3 of the following:

4 (1) Any artificial system that performs tasks
5 under varying and unpredictable circumstances with-
6 out significant human oversight, or that can learn
7 from experience and improve performance when ex-
8 posed to data sets.

9 (2) An artificial system developed in computer
10 software, physical hardware, or other context that
11 solves tasks requiring human-like perception, cog-
12 nition, planning, learning, communication, or phys-
13 ical action.

14 (3) An artificial system designed to think or act
15 like a human, including cognitive architectures and
16 neural networks.

17 (4) A set of techniques, including machine
18 learning, that is designed to approximate a cognitive
19 task.

20 (5) An artificial system designed to act ration-
21 ally, including an intelligent software agent or em-
22 bodied robot that achieves goals using perception,
23 planning, reasoning, learning, communicating, deci-
24 sionmaking, and acting.

1 **SEC. 1053. REPORT ON JOINT ENTERPRISE DEFENSE IN-**
2 **FRAStructure.**

3 (a) REPORT REQUIRED.—The Secretary of Defense
4 shall submit to the congressional defense committees a re-
5 port on the Joint Enterprise Defense Infrastructure. Such
6 report shall include each of the following:

7 (1) Information relating to the current composi-
8 tion of the Cloud Executive Steering Group and its
9 mission, objectives, goals, and strategy.

10 (2) A description of the characteristics and con-
11 siderations for accelerating the cloud architecture
12 and services required for a global, resilient, and se-
13 cure information environment to enable warfighting
14 and mission command, as validated by the Joint Re-
15 quirements Oversight Council for the Joint Enter-
16 prise Defense Infrastructure.

17 (3) Information relating to the approved acqui-
18 sition strategy and timeline for the Joint Enterprise
19 Defense Infrastructure, including estimated migra-
20 tion costs and timelines.

21 (4) A description of how the approved acquisi-
22 tion strategy referred to in paragraph (3) provides
23 for a full and open competition, enables the Depart-
24 ment of Defense to continuously leverage and ac-
25 quire new cloud computing capabilities, maintains
26 the ability of the Department to leverage other cloud

1 computing vendor products and services, incor-
2 porates elements to maintain security, and provides
3 for the best performance, cost, and schedule to meet
4 the cloud architecture and services requirements of
5 the Department for the duration of such contract.

6 (5) A description of the associated Joint Enter-
7 prise Defense Infrastructure program office, includ-
8 ing number of personnel, overhead cost, and organi-
9 zational structure.

10 (6) A description of the effect of the Joint En-
11 terprise Defense Infrastructure on and the relation-
12 ship of such Infrastructure to existing cloud com-
13 puting infrastructure, platform, and service con-
14 tracts across the Department of Defense, specifically
15 the effect and relationship to the private cloud infra-
16 structure of the Department, MilCloud 2.0 run by
17 the Defense Information Systems Agency.

18 (7) Information relating to the most recent De-
19 partment of Defense Cloud Computing Strategy and
20 description of any initiatives to update such Strat-
21 egy.

22 (8) Information relating to Department of De-
23 fense guidance pertaining to cloud computing capa-
24 bility or platform acquisition and standards, and a

1 description of any initiatives to update such guid-
2 ance.

3 (9) Any other matters the Secretary of Defense
4 determines relevant.

5 (b) LIMITATION ON USE OF FUNDS.—Of the
6 amounts authorized to be appropriated or otherwise made
7 available by this Act for fiscal year 2019 for acquisition
8 of services or associated program office support for the
9 Joint Enterprise Defense Infrastructure of the enterprise-
10 wide Cloud Executive Steering Group, not more than 50
11 percent may be obligated or expended until the Secretary
12 of Defense submits to the congressional defense commit-
13 tees the report required by subsection (a).

14 **SEC. 1054. REPORT ON PROPOSED CONSOLIDATION OF DE-**
15 **PARTMENT OF DEFENSE GLOBAL MESSAGING**
16 **AND COUNTER MESSAGING CAPABILITIES.**

17 (a) REPORT REQUIRED.—The Secretary of Defense
18 shall submit to the congressional defense committees a re-
19 port on the proposed consolidation of the global messaging
20 and counter messaging (GMCM) capabilities of the De-
21 partment of Defense. Such report shall include each of the
22 following:

23 (1) The justification of the Secretary for the
24 proposed consolidation of such capabilities.

1 (2) The justification of the Secretary for the
2 proposed designation of the United States Special
3 Operations Command as the entity responsible for
4 establishing the centralized GMCM capability.

5 (3) A description of the proposed roles and re-
6 sponsibilities of the United States Special Oper-
7 ations Command as such entity.

8 (4) A description of the roles and responsibil-
9 ities of the combatant commanders regarding the
10 operational use of the GMCM capability.

11 (5) The effect of the proposed consolidation of
12 such capabilities on existing GMCM contracts and
13 capabilities.

14 (6) An implementation plan that includes a de-
15 tailed description of the resources and other require-
16 ments required for the United States Special Oper-
17 ations Command to establish the centralized GMCM
18 capability for the period covered by the current fu-
19 ture year's defense program.

20 (7) A comprehensive plan for the continual as-
21 sessment of the effectiveness of the GMCM activities
22 and programs.

23 (8) An identification of the anticipated effi-
24 ciencies, cost savings, and operational benefits asso-

1 ciated with the consolidation of the GMCM capabili-
2 ties.

3 (9) A description of any actions, activities, and
4 efforts taken to implement section 1637 of the Na-
5 tional Defense Authorization Act for Fiscal Year
6 2018 (Public Law 115–91).

7 (b) LIMITATION ON USE OF FUNDS.—Not more than
8 50 percent of the amounts authorized to be appropriated
9 by this Act or otherwise made available for fiscal year
10 2019 for the Commander of the United States Special Op-
11 erations Command for global messaging and counter mes-
12 saging may be obligated or expended before the date that
13 is 30 days after the date on which the Secretary submits
14 the report required by subsection (a).

15 **SEC. 1055. COMPREHENSIVE REVIEW OF PROFES-**
16 **SIONALISM AND ETHICS PROGRAMS FOR**
17 **SPECIAL OPERATIONS FORCES.**

18 (a) REVIEW REQUIRED.—The Secretary of Defense,
19 in coordination with the Secretaries of each of the military
20 departments, shall conduct a comprehensive review of the
21 ethics and professionalism programs of the United States
22 Special Operations Command and of the military depart-
23 ments for officers and other military personnel serving in
24 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 com-
16 mands in administering, overseeing, managing, and
17 ensuring compliance and participation of special op-
18 erations forces in ethics and professionalism pro-
19 grams, including an identification of—

20 (A) gaps in the administration, oversight,
21 and management of such programs and in en-
22 suring 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
5 professionalism.

6 (5) The management and oversight framework
7 in place that is designed to ensure that all ethics
8 and professionalism programs available to special
9 operations forces meet Department standards.

10 (6) Tools and metrics for identifying and as-
11 sessing individual and organizational ethics and pro-
12 fessionalism issues with respect to special operations
13 forces.

14 (7) Tools and metrics for assessing the effec-
15 tiveness of existing ethics and professionalism pro-
16 grams in improving or addressing individual and or-
17 ganizational ethics-related and professionalism issues
18 with 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 pro-
5 gram 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
20 the military profession.

21 (d) SUBMITTAL OF REVIEW.—The Secretary of De-
22 fense shall submit the review required by subsection (a)
23 to the Committees on Armed Services of the Senate and
24 the House of Representatives by not later than March 1,
25 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
6 with the Chairman of the Joint Chiefs of Staff shall sub-
7 mit to the congressional defense committees each of the
8 following:

9 (1) The most current munitions assessments, as
10 defined by Department of Defense Instruction Num-
11 ber 3000.04, relating to the Department of Defense
12 munitions requirements process.

13 (2) The most current sufficiency assessments,
14 as defined by such Department of Defense Instruc-
15 tion.

16 (3) The most current approved memorandum of
17 the Joint Requirements Oversight Council resulting
18 from the munitions requirements process.

19 (4) The planned funding and munitions require-
20 ments required for the first fiscal year beginning
21 after the date of the submittal of the report and
22 across the future-years defense program for muni-
23 tions across all military departments and the Missile
24 Defense Agency.

1 (5) The planned foreign military sales and for-
2 eign military financing orders for United States mu-
3 nitions across the future-years defense program.

4 (b) SUNSET.—The requirement to submit reports
5 and assessments under this section shall terminate on De-
6 cember 31, 2021.

7 (c) SUPPLY CHAIN ASSESSMENTS.—Beginning in fis-
8 cal year 2020, the Under Secretary shall evaluate supply
9 chain risks, including qualified supplier shortages and sin-
10 gle source supplier vulnerabilities for munitions produc-
11 tion. The Under Secretary shall include in the reports re-
12 quired under subsection (a) for fiscal year 2020 and any
13 subsequent fiscal year for which such reports are required
14 to be submitted, a list of munitions that are at risk of
15 production impacts from the loss of qualified suppliers.

16 **SEC. 1057. REPORT ON ESTABLISHMENT OF ARMY FUTURES**
17 **COMMAND.**

18 (a) REPORT REQUIRED.—Not later than February 1,
19 2019, the Secretary of the Army shall submit to the con-
20 gressional defense committees a report on the Army's plan
21 for the establishment of Army Futures Command.

22 (b) CONTENTS OF REPORT.—The report required by
23 subsection (a) shall include each of the following:

24 (1) A description of the mission of Army Fu-
25 tures Command.

1 (2) A description of the authorities and respon-
2 sibilities of the Commander of Army Futures Com-
3 mand.

4 (3) A description of the relationship between
5 such authorities and the authorities of the Army Ac-
6 quisition Authority and a description of any changes
7 to be made to the authorities and missions of other
8 Army major commands.

9 (4) A detailed description of the structure for
10 Army Futures Command, including grade require-
11 ments.

12 (5) A detailed description of any resources or
13 elements to be realigned from the Army Training
14 and Doctrine Command, Army Materiel Command,
15 Army Force Command, or Army Test and Evalua-
16 tion Command to Army Futures Command.

17 (6) An assessment of the number and location
18 of members of the Armed Forces and Department of
19 Defense civilian personnel expected to be assigned to
20 Army Futures Command.

21 (7) A cost estimate for the establishment of
22 Army Futures Command in fiscal year 2019 and
23 projected costs for each of fiscal years 2020 through
24 2023.

1 (8) A description of the headquarters stationing
2 selection criteria and methodology

3 (9) Any other information relating to the com-
4 mand, as determined by the Secretary.

5 **SEC. 1058. ASSESSMENT OF DEPARTMENT OF DEFENSE**
6 **ELECTROMAGNETIC SPECTRUM WARFARE**
7 **ENTERPRISE.**

8 (a) PLAN REQUIRED.—The Secretary of Defense, in
9 consultation with the Chairman of the Joint Chiefs of
10 Staff, shall develop a plan, and the estimated cost and
11 schedule of implementing the plan, to conduct joint cam-
12 paign modeling and wargaming for joint electromagnetic
13 spectrum operations. Such plan shall include each of the
14 following:

15 (1) The capabilities and capacity, and the asso-
16 ciated governance and command and control archi-
17 tecture design, required to effectively employ mili-
18 tary forces designated to conduct multi-domain elec-
19 tromagnetic spectrum operations of the Department
20 of Defense.

21 (2) The fiscal and manpower resources required
22 to carry out paragraph (1) and to inform the budget
23 requests of the Department of Defense.

24 (3) The sufficiency of experimentation, testing,
25 and training infrastructure, ranges, instrumentation,

1 and threat simulators required to support the devel-
2 opment of electromagnetic spectrum capabilities.

3 (4) The sufficiency and overall effectiveness of
4 electromagnetic spectrum operations to inform joint
5 adaptive planning activities.

6 (5) All level 3 and level 4 contingency plans (as
7 such plans are described in Joint Publication 5-0 of
8 the Joint Chiefs of Staff, entitled “Joint Planning”
9 and dated June 16, 2017).

10 (b) REPORT.—

11 (1) IN GENERAL.—Not later than February 18,
12 2019, the Secretary of Defense shall submit to the
13 congressional defense committees a report on the
14 plan developed under subsection (a).

15 (2) FORM OF REPORT.—The report required by
16 paragraph (1) shall be submitted in unclassified
17 form, but may include a classified annex.

18 (c) ANNUAL BRIEFINGS.—

19 (1) IN GENERAL.—Not later than February 5,
20 2019, and annually thereafter for each of the next
21 five subsequent years, the Secretary of Defense, in
22 coordination with the Chairman of the Joint Chiefs
23 of Staff, shall provide to the Committee on Armed
24 Services of the House of Representatives a briefing
25 on the joint electromagnetic spectrum operations of

1 the Department of Defense. Such briefing shall in-
2 clude each of the following:

3 (A) An update on the governance, organi-
4 zational structure, and activities of the Elec-
5 tronic Warfare Executive Committee of the De-
6 partment of Defense, as established by memo-
7 randum of the Deputy Secretary of Defense on
8 March 17, 2015.

9 (B) An assessment of the progress in
10 achieving the goals and objectives described
11 in—

12 (i) the current strategy for the elec-
13 tromagnetic spectrum warfare enterprise
14 issued by the Executive Committee; and

15 (ii) Department of Defense Directive
16 3222.04, dated May 10, 2017.

17 (C) An assessment of the current readi-
18 ness, sufficiency, unity of effort, and mod-
19 ernization of the joint military services with re-
20 spect to joint electromagnetic spectrum capa-
21 bilities and the ability of the joint military serv-
22 ices to train and employ effectively in an elec-
23 tromagnetic spectrum warfare operational envi-
24 ronment for all level 3 and level 4 contingency
25 plans (as such plans are described in Joint

1 Publication 5-0 of the Joint Chiefs of Staff, en-
2 titled “Joint Planning” and dated June 16,
3 2017).

4 (D) The same information as is required to
5 be submitted under section 1053(b) of the Na-
6 tional Defense Authorization Act for Fiscal
7 Year 2010 (Public Law 111-84; 123 Stat.
8 2459).

9 (2) FORM OF BRIEFING.—Each briefing re-
10 quired by paragraph (1) shall be unclassified, but
11 may include a classified presentation.

12 (d) ONE-TIME BRIEFING.—

13 (1) IN GENERAL.—Not later than February 25,
14 2019, the Secretary of Defense, in coordination with
15 the Chairman of the Joint Chiefs of Staff, shall pro-
16 vide to the Committee on Armed Services of the
17 House of Representatives a briefing on the joint
18 electromagnetic spectrum operations of the Depart-
19 ment of Defense. Such briefing shall include each of
20 the following:

21 (A) An update on the progress of the De-
22 partment in implementing the pilot program au-
23 thorized by section 234 of the National Defense
24 Authorization Act for Fiscal Year 2017 (Public
25 Law 114-328; 10 U.S.C. 113 note).

1 (B) The progress of the Department in es-
2 tablishing and operationalizing joint electro-
3 magnetic spectrum operations cells at battle-
4 management and command and control loca-
5 tions of the combatant commanders and des-
6 ignated joint task force commanders.

7 (C) The progress of the Department in es-
8 tablishing a network to connect an electro-
9 magnetic battle management system to multiple
10 sensor and intelligence data feeds to implement
11 electronic warfare battle management for
12 networked electronic warfare and dynamic re-
13 programming with automated near real-time ca-
14 pabilities.

15 (D) The number of personnel assigned to
16 joint electromagnetic spectrum operations mis-
17 sion activities, to include officers, enlisted mem-
18 bers, and civilian personnel, set forth separately
19 by career field designator and rank for each
20 military service, combatant command, and de-
21 fense agency.

22 (E) A comparison of commissioned officer
23 promotion rates among the personnel described
24 in paragraph (d), by grade, compared to the av-
25 erage promotion rates for commissioned offi-

1 cers, by grade, in each military service, over the
2 five most recent promotion cycles that have
3 been completed since the end of fiscal year
4 2018.

5 (F) An assessment of Department of De-
6 fense governance, organizational alignment,
7 human capital, and other applicable resources
8 responsible for the development, management,
9 and implementation of joint electromagnetic
10 spectrum policy, doctrine, concepts, require-
11 ments, capabilities, and operational activities.

12 (2) FORM OF BRIEFING.—The briefing required
13 by paragraph (1) shall be unclassified, but may in-
14 clude a classified presentation.

15 (e) DEFINITIONS.—In this section:

16 (1) The term “electromagnetic battle manage-
17 ment” means the dynamic monitoring, assessing,
18 planning, and directing of joint electromagnetic
19 spectrum operations in support of a military com-
20 mander’s scheme of maneuver.

21 (2) The term “joint electromagnetic spectrum
22 operations” means those activities consisting of elec-
23 tronic warfare and joint electromagnetic spectrum
24 management operations used to exploit, attack, pro-
25 tect, and manage the electromagnetic operational en-

1 vironment to achieve a military commander's objec-
2 tives.

3 **SEC. 1059. REPORT ON SUPPORT FOR NON-CONTIGUOUS**
4 **STATES AND TERRITORIES IN THE EVENT OF**
5 **THREATS AND INCIDENTS.**

6 (a) REPORT REQUIRED.—Not later than February 1,
7 2019, the Secretary of Defense shall submit to the Com-
8 mittees on Armed Services of the Senate and House of
9 Representatives a report on the preparedness of the De-
10 partment of Defense in providing support to non-contig-
11 uous States and territories in the aftermath of a natural
12 or manmade incident that warrants the Department to as-
13 sist the State and civil entities with the protection of life
14 and to provide emergency work.

15 (b) CONTENTS OF REPORT.—For purposes of the re-
16 port under subsection (a)—

17 (1) the support covered by the report may in-
18 clude support provided under section 403(c) of the
19 Robert T. Stafford Disaster Relief and Emergency
20 Assistance Act (42 U.S.C. 5170b(c)); and

21 (2) the incidents covered by the report shall in-
22 clude natural disasters, acts of terrorism, and indus-
23 trial accidents.

1 (c) FORM OF REPORT.—The report required by sub-
2 section (a) shall be submitted in unclassified form, but
3 may contain a classified annex.

4 **SEC. 1060. REPORT ON LOW-BOOM FLIGHT DEMONSTRA-**
5 **TION.**

6 Not later than 90 days after the date of the enact-
7 ment of this Act, the Administrator of the National Aero-
8 nautics and Space Administration shall submit to the
9 Committee on Science, Space, and Technology of the
10 House of Representatives a report describing the progress
11 in development of the Low-Boom Flight Demonstration,
12 including—

13 (1) the plans of the Administrator to coordinate
14 with other executive agencies to ensure the avail-
15 ability of developmental and operational testing in-
16 frastructure for low-boom flight demonstrations by
17 2021; and

18 (2) the strategy of the Administration to ac-
19 quire chase aircrafts to ensure the availability of
20 such aircrafts for such demonstrations.

21 **SEC. 1061. REPORT ON CYBER-ENABLED INFORMATION OP-**
22 **ERATIONS.**

23 Not later than 180 days after the date of the enact-
24 ment of this Act, the President shall transmit to the Com-
25 mittees on Armed Services and Foreign Affairs of the

1 House of Representative and the Committees on Armed
2 Services and Foreign Relations of the Senate a report on
3 the effects of cyber-enabled information operations on the
4 national security of the United States. Such report shall
5 include each of the following:

6 (1) A summary of actions taken by the Federal
7 Government to protect the national security of the
8 United States against cyber-enabled information op-
9 erations.

10 (2) A description of the resources necessary to
11 protect the national security of the United States
12 against cyber-enabled information operations by for-
13 eign adversaries.

14 **Subtitle G—Other Matters**

15 **SEC. 1071. TECHNICAL, CONFORMING, AND CLERICAL** 16 **AMENDMENTS.**

17 (a) TITLE 10, UNITED STATES CODE.—Title 10,
18 United States Code, is amended as follows:

19 (1) Sections 130j and 130k, as added by sec-
20 tion 1631 of the National Defense Authorization Act
21 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
22 1736), are amended by striking “section 3093 of
23 title 50, United States Code” both places it appears
24 and inserting “section 503 of the National Security
25 Act of 1947 (50 U.S.C. 3093)”.

1 (2) The table of sections at the beginning of
2 chapter 3 is amended by striking the items relating
3 to sections 130j and 130k and inserting the fol-
4 lowing new items:

“130j. Notification requirements for sensitive military cyber operations.
“130k. Notification requirements for cyber weapons.”.

5 (3) Section 131(b)(9), as amended by section
6 811, is further amended—

7 (A) by striking subparagraphs (B), (C),
8 and (D); and

9 (B) by redesignating subparagraphs (E),
10 (F), (G), and (H), as subparagraphs (B), (C),
11 (D), and (E), respectively.

12 (4) The table of sections at the beginning of
13 chapter 4 is amended by striking the item relating
14 to section 261 and inserting the following:

“241. Reference to chapters 1003, 1005, and 1007.”.

15 (5) Section 494(b)(2) is amended in the matter
16 preceding subparagraph (A) by striking “March 1,
17 2012, and annually thereafter” and inserting
18 “March 1 of each year”.

19 (6) Section 495(a) is amended by striking “Be-
20 ginning in fiscal year 2013, the” and inserting
21 “The”.

22 (7) Section 499a(d), as added by section
23 1652(a) of the National Defense Authorization Act

1 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
2 1757), is amended by striking “on or after the date
3 of the enactment of this section” and inserting
4 “after December 11, 2017,”.

5 (8) Section 637a(d) is amended by striking
6 “specialities” and inserting “specialties”.

7 (9) Section 664(d)(1) is amended by striking
8 “the the” and inserting “the”.

9 (10) The table of subchapters at the beginning
10 of chapter 47A is amended by striking the item re-
11 lating to subchapter VII and inserting the following:

“VII. POST-TRIAL PROCEDURE AND REVIEW OF MILITARY COMMISSIONS”.

12 (11) The table of sections at the beginning of
13 subchapter VII of chapter 47A is amended by strik-
14 ing the item relating to section 950g and inserting
15 the following:

“950g. Review by United States Court of Appeals for the District of Columbia
Circuit; writ of certiorari to Supreme Court.”.

16 (12) Section 950t is amended—

17 (A) in paragraph (9), by striking “attack.
18 or” and inserting “attack, or”;

19 (B) in paragraph (16), by striking “shall
20 punished” and inserting “shall be punished”;
21 and

22 (C) in paragraph (22), by adding a period
23 at the end.

1 (13) The table of sections at the beginning of
2 chapter 55 is amended by striking the item relating
3 to section 1077a and inserting the following:

 “1077a. Access to military medical treatment facilities and other facilities.”.

4 (14) Section 1415(e) is amended by striking
5 “concerned”.

6 (15) Section 2006a(b)(3) is amended by strik-
7 ing “the such programs” and inserting “such pro-
8 grams”.

9 (16) Section 2279(c) is amended by striking
10 “subsection (a) and (b)” and inserting “subsections
11 (a) and (b)”.

12 (17) Section 2279c, as added by section
13 1601(a)(1) of the National Defense Authorization
14 Act for Fiscal Year 2018 (Public Law 115–91; 131
15 Stat. 1718), is amended—

16 (A) in subsection (a)(3), by striking “ the
17 date of the enactment of this Act” and insert-
18 ing “December 12, 2017”; and

19 (B) in subsection (b)—

20 (i) in the matter preceding paragraph
21 (1), by striking “ the date of the enact-
22 ment of this section” and inserting “De-
23 cember 12, 2017”; and

24 (ii) in paragraph (3), by striking “on
25 or after the date that is one year after the

1 date of the enactment of this section” and
2 inserting “after December 11, 2018”.

3 (18)(A) The second section 2279c, as added by
4 section 1602 of the National Defense Authorization
5 Act for Fiscal Year 2018 (Public Law 115–91; 131
6 Stat. 1721), is redesignated as section 2279d.

7 (B) The table of sections at the beginning of
8 chapter 135 is amended by inserting after the item
9 relating 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.”.

10 (19) Section 2313b(b)(1)(E), as added by sec-
11 tion 803(a) of the National Defense Authorization
12 Act for Fiscal Year 2018 (Public Law 115–91; 131
13 Stat. 1452), is amended by redesignating clauses
14 (A) and (B) as clauses (i) and (ii), respectively.

15 (20) Section 2324(e)(1) is amended by redesignig-
16 nating the second subparagraph (P) and subpara-
17 graph (Q) as subparagraphs (Q) and (R), respec-
18 tively.

19 (21) Section 2337a(d), as added by section
20 836(a)(1) of the National Defense Authorization Act
21 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
22 1473), is amended by striking “title 10, United
23 States Code” and inserting “this title”.

1 (22) Section 2374a(e) is amended by striking
2 “,” and inserting “,”.

3 (23) The table of sections at the beginning of
4 chapter 141 is amended by striking the item relating
5 to section 2410s and inserting the following new
6 item:

 “2410s. Security clearances for facilities of certain companies.”.

7 (24) The heading of section 2410s is amended
8 by striking the period at the end.

9 (25)(A) The heading of section 2414, as
10 amended by section 817(1) of the National Defense
11 Authorization Act for Fiscal Year 2018 (Public Law
12 115–91; 131 Stat. 1462), is amended to read as fol-
13 lows:

14 **“§ 2414. Funding”.**

15 (B) The item relating to such section in
16 the table of sections at the beginning of chapter
17 142 is amended to read as follows:

 “2414. Funding.”.

18 (26) Section 2613(g) is amended by striking
19 “(1)”.

20 (27) Section 2679(a)(1) is amended by striking
21 “Federal government” and inserting “Federal Gov-
22 ernment”.

23 (28) The heading of section 2691, as amended
24 by section 2814(b)(1) of the National Defense Au-

1 thorization Act for Fiscal Year 2018 (Public Law
2 115–91), is amended to read as follows:

3 **“§ 2691. Restoration of land used by permit or dam-**
4 **aged by mishap; reimbursement of state**
5 **costs of fighting wildland fires”.**

6 (29) Section 2879(a)(2)(A), as added by section
7 2817(a)(1) of the National Defense Authorization
8 Act for Fiscal Year 2018 (Public Law 115–91), is
9 amended by striking “on or after the date of the en-
10 actment of this section” and inserting “after Decem-
11 ber 11, 2017,”.

12 (30) The heading of section 2914 is amended to
13 read as follows:

14 **“§ 2914. Energy resilience and conservation construc-**
15 **tion projects”.**

16 (31) Section 10504 is amended—

17 (A) in subsection (a), by striking “The
18 Chief” and inserting “(1) The Chief”; and

19 (B) by redesignating the second subsection
20 (b) as subsection (c).

21 (b) TITLE 32, UNITED STATES CODE.—Title 32,
22 United States Code, is amended in section 902, by striking
23 “the Secretary, determines” and inserting “the Secretary
24 determines”.

1 (c) NDAA FOR FISCAL YEAR 2018.—Effective as of
2 December 12, 2017, and as if included therein as enacted,
3 the National Defense Authorization Act for Fiscal Year
4 2018 (Public Law 115–91; 131 Stat. ____ et seq.) is
5 amended as follows:

6 (1) Section 834(a)(2) (131 Stat. 1470) is
7 amended by striking “subchapter I of”.

8 (2) Section 913(b) is amended by striking the
9 dash after the colon in the matter preceding para-
10 graph (1).

11 (3) Section 1051(d)) is amended by inserting
12 “National” before “Defense Authorization Act”.

13 (4) Section 1691(i) is amended—

14 (A) by inserting “the” after “Title XIV
15 of”; and

16 (B) by inserting “as enacted into law by”
17 before “Public Law 106–398”.

18 (5) Section 2817(a)(2) is amended by striking
19 “table of sections for” and inserting “table of sec-
20 tions at the beginning of subchapter IV of”.

21 (6) Section 2831(b) is amended by inserting “of
22 title 10, United States Code,” after “chapter 173”.

23 (7) Section 2876(d) is amended—

24 (A) by inserting “In this section:” after
25 “DEFINITIONS.—”; and

1 (B) in paragraph (1)(A), in the matter
2 preceding clause (i), by inserting open quotation
3 marks before “beneficial” and close quotation
4 marks after “owner”.

5 (e) OTHER NDAAS.—

6 (1) FY2016.—Section 828(c) of the National
7 Defense Authorization Act for Fiscal Year 2016
8 (Public Law 114–92; 10 U.S.C. 2430 note), as
9 added by section 825(a)(4) of the National Defense
10 Authorization Act for Fiscal Year 2018 (Public Law
11 115–91; 131 Stat. 1466), is amended by inserting
12 “subsection” before “(b)”.

13 (2) FY2001.—Section 821(e) of the Floyd D.
14 Spence National Defense Authorization Act for Fis-
15 cal Year 2001 (as enacted into law by Public Law
16 106–398; 10 U.S.C. 2302 note) is amended by strik-
17 ing paragraph (2).

18 (f) OTHER LAWS.—

19 (1) TITLE 31.—Paragraph (1) of section
20 5112(p) of title 31, United States Code, as amended
21 by section 885 of the National Defense Authoriza-
22 tion Act for Fiscal Year 2018 (Public Law 115–91;
23 131 Stat. 1505), is amended by striking “, United
24 States Code” each place it appears.

1 (2) TITLE 49.—Subsection (h) of section 44718
2 of title 49, United States Code, as amended and re-
3 designated by sections 311(b)(3) and 311(e)(1) of
4 the National Defense Authorization Act for Fiscal
5 Year 2018 (Public Law 115–91), is amended—

6 (A) in paragraph (1), by striking “section
7 183a(g) of title 10” and inserting “section
8 183a(h)(1) of title 10” ; and

9 (B) in paragraph (2), by striking “section
10 183a(g) of title 10” and inserting “section
11 183a(h)(7) of title 10”.

12 (3) ATOMIC ENERGY DEFENSE ACT.—Section
13 4309(c) of the Atomic Energy Defense Act (50
14 U.S.C. 2575(c)) is amended by redesignating para-
15 graphs (17) and (18) as paragraphs (16) and (17),
16 respectively.

17 (g) CONFORMING AMENDMENTS RELATING TO THE
18 CHIEF MANAGEMENT OFFICER OF THE DEPARTMENT OF
19 DEFENSE.—

20 (1) CONFORMING AMENDMENTS.—

21 (A) Each of the following provisions law is
22 amended by striking “Deputy Chief Manage-
23 ment Officer” each place it appears and insert-
24 ing “Chief Management Officer”:

1 (i) Section 192(e)(2) of title 10,
2 United States Code.

3 (ii) Section 2222 of title 10, United
4 States Code.

5 (iii) Section 11319(d)(4) of title 40,
6 United States Code.

7 (iv) Section 881(a) of the National
8 Defense Authorization Act for Fiscal Year
9 2016 (Public Law 114–92; 10 U.S.C. 2302
10 note).

11 (v) Section 217 of the National De-
12 fense Authorization Act for Fiscal Year
13 2016 (Public Law 114–92; 10 U.S.C.
14 2445a note).

15 (B) Section 131(b) of title 10, United
16 States Code, as amended by subsection (a)(3)
17 of this section, is further amended—

18 (i) by striking paragraph (4); and

19 (ii) by redesignating paragraphs (5)
20 through (10) as paragraphs (4) through
21 (9), respectively.

22 (C) Section 137a(d) of title 10, United
23 States Code, is amended—

24 (i) by striking “the Secretaries of the
25 military departments,” and inserting “the

1 Chief Management Officer of the Depart-
2 ment of Defense, the Secretaries of the
3 military departments, and”; and

4 (ii) by striking “, and the Deputy
5 Chief Management Officer of the Depart-
6 ment of Defense”.

7 (D) Section 138(d) of title 10, United
8 States Code, is amended—

9 (i) by inserting “the Chief Manage-
10 ment Officer of the Department of De-
11 fense,” after “the Deputy Secretary of De-
12 fense,”; and

13 (ii) by striking “ the Deputy Chief
14 Management Officer of the Department of
15 Defense,”.

16 (E) Section 904(b)(4) the National De-
17 fense Authorization Act for Fiscal Year 2008
18 (Public Law 110–181; 10 U.S.C. 132 note.) is
19 amended—

20 (i) by striking “and Deputy Chief
21 Management Officer” and

22 (ii) by striking “as is necessary to as-
23 sist those officials in the performance of
24 their duties” and inserting “as is necessary
25 to assist the Chief Management Officer in

1 the performance of the duties assigned to
2 such official”.

3 (F) Section 5314 of title 5, United States
4 Code, is amended by striking “Deputy Chief
5 Management Officer of the Department of De-
6 fense.”.

7 (2) REFERENCES.—

8 (A) IN LAW OR REGULATION.—Any ref-
9 erence in a law (other than this Act) or regula-
10 tion in effect on the day before the date of the
11 enactment of this Act to the Deputy Chief Man-
12 agement Officer of the Department of Defense
13 is deemed to be a reference to the Chief Man-
14 agement Officer of the Department of Defense.

15 (B) IN OTHER DOCUMENTS, PAPERS, OR
16 RECORDS.—Any reference in a document,
17 paper, or other record of the United States pre-
18 pared before the date of the enactment of this
19 Act to the Deputy Chief Management Officer of
20 the Department of Defense is deemed to be a
21 reference to the Chief Management Officer of
22 the Department of Defense.

23 (h) COORDINATION WITH OTHER AMENDMENTS
24 MADE BY THIS ACT.—For purposes of applying amend-
25 ments made by provisions of this Act other than this sec-

tion, the amendments made by this section shall be treated as having been enacted immediately before any such amendments by other provisions of this Act.

**SEC. 1072. PRINCIPAL ADVISOR ON COUNTERING WEAPONS
OF MASS DESTRUCTION.**

(a) IN GENERAL.—

(1) DESIGNATION OF PRINCIPAL ADVISOR.—

Chapter 4 of title 10, United States Code, is amended by adding at the end the following new section:

**“§ 145. Principal Advisor on Countering Weapons of
Mass Destruction**

“(a) DESIGNATION.—The Secretary of Defense shall designate, from among the personnel of the Office of the Secretary of Defense, a Principal Advisor on Countering Weapons of Mass Destruction. Such Principal Advisor shall act as the principal advisor to the Secretary on the activities of the Department of Defense relating to countering weapons of mass destruction. The individual designated to serve as such Principal Advisor shall be an individual who was appointed to the position held by the individual by and with the advice and consent of the Senate.

“(b) RESPONSIBILITIES.—The Principal Advisor designated under subsection (a) shall carry out the following responsibilities:

1 “(1) Supervising the activities of the Depart-
2 ment of Defense relating to countering weapons of
3 mass destruction, including the oversight of policy
4 and operational considerations, resources, personnel,
5 acquisition, and technology.

6 “(2) Carrying out such other responsibilities re-
7 lating to countering weapons of mass destruction as
8 the Secretary shall specify.”.

9 (2) CLERICAL AMENDMENT.—The table of sec-
10 tions at the beginning of such chapter is amended
11 by adding at the end the following new item:

“145. Principal Advisor on Countering Weapons of Mass Destruction.”.

12 (b) OVERSIGHT PLAN.—Not later than 180 days
13 after the date of the enactment of this Act, the Secretary
14 of Defense shall submit to the congressional defense com-
15 mittees a plan to streamline the oversight framework of
16 the Office of the Secretary of Defense, including any effi-
17 ciencies and the potential to reduce, realign, or otherwise
18 restructure current Assistant Secretary and Deputy As-
19 sistant Secretary positions with responsibilities for over-
20 seeing countering weapons of mass destruction policy, pro-
21 grams, and activities.

22 **SEC. 1073. RECEIPT OF FIREARM OR AMMUNITION.**

23 (a) RECEIPT OF FIREARM OR AMMUNITION BY
24 SPOUSE OF MEMBER OF THE ARMED FORCES AT A DUTY
25 STATION OF THE MEMBER OUTSIDE THE UNITED

1 STATES.—Section 925(a)(3) of title 18, United States
2 Code, is amended—

3 (1) by inserting “, or to the spouse of such a
4 member,” before “or to”;

5 (2) by striking “members,” and inserting
6 “members and spouses,”;

7 (3) by striking “members or” and inserting
8 “members, spouses, or”; and

9 (4) by striking “member or” and inserting
10 “member, spouse, or”.

11 (b) RESIDENCY OF SPOUSES OF MEMBERS OF THE
12 ARMED FORCES TO BE DETERMINED ON THE SAME
13 BASIS AS THE RESIDENCY OF SUCH MEMBERS FOR PUR-
14 POSES OF FEDERAL FIREARMS LAWS.—Section 921(b) of
15 title 18, United States Code, is amended to read as fol-
16 lows:

17 “(b) For purposes of this chapter, a member of the
18 Armed Forces on active duty, or a spouse of such a mem-
19 ber, is a resident of—

20 “(1) the State in which the member or spouse
21 maintains legal residence;

22 “(2) the State in which the permanent duty
23 station of the member is located; and

24 “(3) the State in which the member maintains
25 a place of abode from which the member commutes

1 each day to the permanent duty station of the mem-
2 ber.”.

3 (c) EFFECTIVE DATE.—The amendments made by
4 this section shall apply to conduct engaged in after the
5 6-month period that begins on the date of the enactment
6 of this Act.

7 **SEC. 1074. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

8 (a) FEDERAL CHARTER.—Part B of subtitle II of
9 title 36, United States Code, is amended by inserting after
10 chapter 2003 the following new chapter:

11 **“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.

12 **“§ 200501. Organization**

13 “(a) FEDERAL CHARTER.—Spirit of America (in this
14 chapter ‘the corporation’), a nonprofit corporation, is a
15 federally chartered corporation.

16 “(b) EXPIRATION OF CHARTER.—If the corporation
17 does not comply with the provisions of this chapter, the
18 charter granted by this chapter expires.

19 “(c) SCOPE OF CHARTER.—Nothing in the charter
20 granted by this chapter shall be construed as conferring
21 special rights or privileges upon the corporation, or as

1 placing upon the Department of Defense any obligation
2 with respect to the corporation.

3 **“§ 200502. Purposes**

4 “The purposes of the corporation are as provided in
5 its constitution and bylaws and include the following:

6 “(1) To respond to the needs of local popu-
7 lations abroad, as identified by members of the
8 Armed Forces and diplomats of the United States
9 abroad.

10 “(2) To connect the people of the United States
11 more closely to the members of the Armed Forces
12 and diplomats of the United States abroad, and to
13 the missions carried out by such personnel abroad.

14 “(3) To demonstrate the goodwill of the people
15 of the United States to peoples around the world.

16 **“§ 200503. Governing body**

17 “(a) BOARD OF DIRECTORS.—

18 “(1) The board of directors is the governing
19 body of the corporation. The powers, duties, and re-
20 sponsibilities of the board are as provided in the
21 constitution and bylaws of the corporation.

22 “(2) The number of directors is as provided in
23 the constitution of the corporation. Their manner of
24 selection (including the filling of vacancies) and their

1 term of office are as provided in the constitution and
2 bylaws.

3 “(b) OFFICERS.—(1) The officers of the corporation
4 are a chairman of the board of directors, a president, one
5 or more vice presidents as provided in the constitution and
6 bylaws, a secretary, a treasurer, and one or more assistant
7 secretaries and assistant treasurers as provided in the con-
8 stitution and bylaws.

9 “(2) The manner of election, term of office, and du-
10 ties of the officers are as provided in the constitution and
11 bylaws.

12 **“§ 200504. Powers**

13 “The corporation may—

14 “(1) adopt and amend a constitution, by-laws,
15 and regulations to carry out the purposes of the cor-
16 poration;

17 “(2) adopt and alter a corporate seal;

18 “(3) establish and maintain offices to conduct
19 its activities;

20 “(4) enter into contracts;

21 “(5) acquire, own, lease, encumber, and trans-
22 fer property as necessary and appropriate to carry
23 out the purposes of the corporation;

1 “(6) establish, regulate, and discontinue subor-
2 dinate State and territorial subdivisions and local
3 chapters or posts;

4 “(7) publish a magazine and other publications
5 (including through the Internet);

6 “(8) sue and be sued;

7 “(9) do any other act necessary and proper to
8 carry out the purposes of the corporation as pro-
9 vided in its constitution, by-laws, and regulations;
10 and

11 “(10) to do any other act necessary and proper
12 to carry out the purposes stated in section 200502
13 of this title.

14 **“§ 200505. Restrictions**

15 “(a) PROFIT.—The corporation may not engage in
16 business activity for profit unless the activity is substan-
17 tially related to—

18 “(1) the purposes stated in 200502 of this title;

19 or

20 “(2) raising funds to accomplish those pur-
21 poses.

22 “(b) STOCK AND DIVIDENDS.—The corporation may
23 not issue stock or declare or pay a dividend.

24 “(c) POLITICAL ACTIVITIES.—The corporation shall
25 be nonpolitical and may not provide financial aid or assist-

1 ance to, or otherwise promote the candidacy of, an indi-
2 vidual seeking elective public office. A substantial part of
3 the activities of the corporation may not involve carrying
4 on propaganda or otherwise attempting to influence legis-
5 lation.

6 “(d) DISTRIBUTION OF INCOME OR ASSETS.—The
7 income or assets of the corporation may not inure to the
8 benefit of a governor, officer, member, or employee or be
9 distributed to any person during the life of the corporation
10 or on its dissolution or final liquidation. This subsection
11 does not prevent the payment of reasonable compensation
12 to an officer, employee, or other person or reimbursement
13 for actual necessary expenses in amounts approved by the
14 board of directors.

15 “(e) LOANS.—The corporation may not make a loan
16 to a governor, officer, member or employee.

17 “(f) NO CLAIM OF GOVERNMENTAL APPROVAL OR
18 AUTHORITY.—The corporation may not claim approval of
19 Congress, of the authority of the United States, for any
20 activity of the corporation.

21 **“§ 200506. Records and inspection**

22 “(a) RECORDS.—The corporation shall keep—

23 “(1) correct and complete records of account;

1 “(2) minutes of the proceedings of its members,
2 board of governors, and committees having any of
3 the authority of the corporation; and

4 “(3) at its principal office, a record of the
5 names and addresses of its members entitled to vote.

6 “(b) INSPECTION.—A member, or an agent or attor-
7 ney of a member, may inspect the records of the corpora-
8 tion for any proper purpose, at any reasonable time.

9 **“§ 200507. Duty to maintain tax-exempt status**

10 “If the corporation fails to maintain its status as an
11 organization exempt from taxation under the Internal
12 Revenue Code of 1986, the charter granted under this
13 chapter shall terminate.

14 **“§ 200508. Quarterly report**

15 “The corporation shall submit a quarterly report to
16 Congress on the activities of the corporation during the
17 prior fiscal year quarter. The report shall be submitted
18 at the same time as the report of the audit required by
19 section 10101 of this title.”.

20 (b) TABLES OF CHAPTERS.—The table of chapters
21 at the beginning of title 36, United States Code, and at
22 the beginning of subtitle II of such title, are each amended
23 by inserting after the item relating to chapter 2003 the
24 following new item:

 “2005. Spirit of America200501”.

1 **SEC. 1075. TRANSFER OF AIRCRAFT TO OTHER DEPART-**
2 **MENTS.**

3 Section 1098 of the National Defense Authorization
4 Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat.
5 881) is amended—

6 (1) by striking subsections (a) and (f);

7 (2) by redesignating subsections (b) through (e)
8 as subsections (a) through (d), respectively;

9 (3) by redesignating subsections (g) and (h) as
10 subsections (e) and (f);

11 (4) in subsection (a)(1), as so redesignated, by
12 striking “and subject to the certification requirement
13 under subsection (f),”; and

14 (5) in subsection (d), as so redesignated—

15 (A) by striking “Promptly following the
16 completion of the certification requirement
17 under subsection (f) and notwithstanding” and
18 inserting “Notwithstanding”; and

19 (B) by striking “shall begin transfer, with-
20 out reimbursement, of—” and inserting “shall
21 transfer, without reimbursement—”.

22 **SEC. 1076. REAUTHORIZATION OF NATIONAL AVIATION**
23 **HERITAGE AREA.**

24 (a) **FINDINGS.**—Congress finds as follows:

25 (1) The National Aviation Heritage Area, as it
26 is currently defined, contains the National Museum

1 of the United States Air Force and the Huffman
2 Prairie Flying Field located within the grounds of
3 Wright-Patterson Air Force Base.

4 (2) The National Aviation Heritage Area con-
5 tinues to preserve the historical legacy of the Wright
6 brothers and the birth of aviation, therefore, the Na-
7 tional Park Service should designate the National
8 Aviation Heritage Area as a longstanding heritage
9 area.

10 (b) REAUTHORIZATION.—The National Aviation Her-
11 itage Area Act (title V of division J of the Consolidated
12 Appropriations Act, 2005; Public Law 108–447) is
13 amended—

14 (1) by striking “The Aviation Heritage Founda-
15 tion, Incorporated,” “the Aviation Heritage Foun-
16 dation, Incorporated (a nonprofit corporation estab-
17 lished under the laws of the State of Ohio)”, “the
18 Aviation Heritage Foundation”, “the Aviation Herit-
19 age Foundation, Incorporated” and “the Founda-
20 tion” each place they appear and inserting “Dayton
21 History”;

22 (2) in section 503, by amending paragraph (1)
23 to read as follows:

24 “(1) DAYTON HISTORY.—The term ‘Dayton
25 History’ means Dayton History, an organization in-

1 incorporated in Ohio and described in section
2 501(c)(3) of the Internal Revenue Code of 1986 and
3 exempt from tax under section 501(a) of such
4 Code.”;

5 (3) in section 505, by adding at the end the fol-
6 lowing new subsection:

7 “(d) ACCEPTANCE OF FUNDS AND SERVICES.—The
8 management entity may accept funds and services from
9 any Federal or non-Federal source for the purposes of im-
10 plementing the Management Plan.”; and

11 (4) in section 512, by striking “the date that is
12 15 years after the date that funds are first made
13 available for this title” and inserting “September 30,
14 2025”.

15 (c) MANAGEMENT PLAN.—Dayton History (as such
16 term is defined in section 503(1) of the National Aviation
17 Heritage Area Act (title V of division J of the Consoli-
18 dated Appropriations Act, 2005; Public Law 108–447))
19 may manage the National Aviation Heritage Area under
20 the management plan in effect for that heritage area as
21 of the date of the enactment of this Act.

22 **SEC. 1077. RECOGNITION OF AMERICA’S VETERANS.**

23 (a) AUTHORIZATION OF SUPPORT.—In order to
24 honor American veterans, including American veterans of
25 past wars that the Secretary of Defense determines have

1 not received appropriate recognition, the Secretary may
2 provide such support as the Secretary determines is appro-
3 priate for a parade to be carried out in the District of
4 Columbia. In providing support under this subsection, the
5 Secretary may expend funds for the display of small arms
6 and munitions appropriate for customary ceremonial hon-
7 ors and for the participation of military units that perform
8 customary ceremonial duties.

9 (b) PROHIBITION.—In providing support for a parade
10 as described in subsection (a), the Secretary may not ex-
11 pend funds to provide motorized vehicles, aviation plat-
12 forms, munitions other than the munitions specifically de-
13 scribed in subsection (a), operational military units, or
14 operational military platforms if the Secretary determines
15 that providing such units, platforms, or equipment would
16 undermine the readiness of such units, platforms, or
17 equipment.

18 **SEC. 1078. NATIONAL COMMISSION ON MILITARY AVIATION**
19 **SAFETY.**

20 (a) ESTABLISHMENT.—There is established the Na-
21 tional Commission on Military Aviation Safety (in this sec-
22 tion referred to as the “Commission”).

23 (b) MEMBERSHIP.—

24 (1) COMPOSITION.—The Commission shall be
25 composed of eight members, of whom—

1 (A) four shall be appointed by the Presi-
2 dent;

3 (B) one shall be appointed by the Chair-
4 man of the Committee on Armed Services of
5 the Senate;

6 (C) one shall be appointed by the Ranking
7 Member of the Committee on Armed Services of
8 the Senate;

9 (D) one shall be appointed by the Chair-
10 man of the Committee on Armed Services of
11 the House of Representatives; and

12 (E) one shall be appointed by the Ranking
13 Member of the Committee on Armed Services of
14 the House of Representatives.

15 (2) APPOINTMENT DATE.—The appointments of
16 the members of the Commission shall be made not
17 later than 90 days after the date of the enactment
18 of this Act.

19 (3) EFFECT OF LACK OF APPOINTMENT BY AP-
20 POINTMENT DATE.—If one or more appointments
21 under subparagraph (A) of paragraph (1) is not
22 made by the appointment date specified in para-
23 graph (2), the authority to make such appointment
24 or appointments shall expire, and the number of
25 members of the Commission shall be reduced by the

1 number equal to the number of appointments so not
2 made. If an appointment under subparagraph (B),
3 (C), (D), or (E) of paragraph (1) is not made by the
4 appointment date specified in paragraph (2), the au-
5 thority to make an appointment under such subpara-
6 graph shall expire, and the number of members of
7 the Commission shall be reduced by the number
8 equal to the number otherwise appointable under
9 such subparagraph.

10 (4) EXPERTISE.—In making appointments
11 under this subsection, consideration should be given
12 to individuals with expertise in military aviation
13 training, aviation technology, military aviation oper-
14 ations, aircraft sustainment and repair, aviation per-
15 sonnel policy, aerospace physiology, and reserve com-
16 ponent policy.

17 (c) PERIOD OF APPOINTMENT; VACANCIES.—Mem-
18 bers shall be appointed for the life of the Commission. Any
19 vacancy in the Commission shall not affect its powers, but
20 shall be filled in the same manner as the original appoint-
21 ment.

22 (d) CHAIR AND VICE CHAIR.—The Commission shall
23 select a Chair and Vice Chair from among its members.

24 (e) MEETINGS.—

1 (1) IN GENERAL.—The Commission shall meet
2 at the call of the Chair.

3 (2) INITIAL MEETING.—Not later than 30 days
4 after the date on which all members of the Commis-
5 sion have been appointed, the Commission shall hold
6 its initial meeting.

7 (3) QUORUM.—A majority of the members of
8 the Commission shall constitute a quorum, but a
9 lesser number of members may hold hearings.

10 (f) DUTIES.—

11 (1) STUDY ON MILITARY AVIATION SAFETY.—
12 The Commission shall undertake a comprehensive
13 study of United States military aviation mishaps
14 that occurred between fiscal years 2013 and 2018 in
15 order—

16 (A) to assess the rates of military aviation
17 mishaps between fiscal years 2013 and 2018
18 compared to historic aviation mishap rates;

19 (B) to make an assessment of the under-
20 lying causes contributing to the unexplained
21 physiological effects;

22 (C) to make an assessment of causes con-
23 tributing to delays in aviation maintenance and
24 limiting operational availability of aircraft;

1 (D) to make an assessment of the causes
2 contributing to military aviation mishaps; and

3 (E) to make recommendations on the
4 modifications, if any, of safety, training, main-
5 tenance, personnel, or other policies related to
6 military aviation safety.

7 (2) REPORT.—Not later than June 1, 2019, the
8 Commission shall submit to the President and the
9 congressional defense committees a report setting
10 forth a detailed statement of the findings and con-
11 clusions of the Commission as a result of the study
12 required by paragraph (1), together with the rec-
13 ommendations of the Commission for such legislative
14 and administrative actions as the Commission con-
15 siders appropriate in light of the results of the
16 study.

17 (g) POWERS.—

18 (1) HEARINGS.—The Commission may hold
19 such hearings, sit and act at such times and places,
20 take such testimony, and receive such evidence as
21 the Commission considers advisable to carry out its
22 duties under this subtitle.

23 (2) INFORMATION FROM DEPARTMENT.—The
24 Commission may secure directly from any element of
25 the Department of Defense such information as the

1 Commission considers necessary to carry out its du-
2 ties under this subtitle. Upon request of the Chair
3 of the Commission, the head of such element shall
4 furnish such information to the Commission.

5 (h) TERMINATION.—The Commission shall terminate
6 90 days after the date on which the Commission submits
7 the report required under subsection (f)(2).

8 (i) SENSE OF CONGRESS.—It is the sense of Con-
9 gress that—

10 (1) the Secretary of Defense should take every
11 immediate action to make necessary repairs to avia-
12 tion systems and increase pilot training and pro-
13 ficiency without assuming additional risk to flight
14 safety; and

15 (2) this Act and the Defense Appropriations
16 Act for fiscal year 2019 should be enacted into law
17 by not later than October 1, 2018, at the maximum
18 amount permitted by the Bipartisan Budget Act of
19 2018 (Public Law 115-23) without being conditioned
20 on any other issue and without regard to any issue
21 or difference of opinion.

22 **SEC. 1079. TARGET PRACTICE AND MARKSMANSHIP TRAIN-**
23 **ING SUPPORT.**

24 (a) FINDINGS; PURPOSE.—

25 (1) FINDINGS.—Congress finds that—

1 (A) the use of firearms and archery equip-
2 ment for target practice and marksmanship
3 training activities on Federal land is allowed,
4 except to the extent specific portions of that
5 land have been closed to those activities;

6 (B) in recent years preceding the date of
7 enactment of this section, portions of Federal
8 land have been closed to target practice and
9 marksmanship training for many reasons;

10 (C) the availability of public target ranges
11 on non-Federal land has been declining for a
12 variety of reasons, including continued popu-
13 lation growth and development near former
14 ranges;

15 (D) providing opportunities for target
16 practice and marksmanship training at public
17 target ranges on Federal and non-Federal land
18 can help—

19 (i) to promote enjoyment of shooting,
20 recreational, and hunting activities; and

21 (ii) to ensure safe and convenient lo-
22 cations for those activities;

23 (E) Federal law in effect on the date of en-
24 actment of this section, including the Pittman-
25 Robertson Wildlife Restoration Act (16 U.S.C.

1 669 et seq.), provides Federal support for con-
2 struction and expansion of public target ranges
3 by making available to States amounts that
4 may be used for construction, operation, and
5 maintenance of public target ranges; and

6 (F) it is in the public interest to provide
7 increased Federal support to facilitate the con-
8 struction or expansion of public target ranges.

9 (2) PURPOSE.—The purpose of this section is
10 to facilitate the construction and expansion of public
11 target ranges, including ranges on Federal land
12 managed by the Forest Service and the Bureau of
13 Land Management.

14 (b) AMENDMENTS TO PITTMAN-ROBERTSON WILD-
15 LIFE RESTORATION ACT.—

16 (1) DEFINITIONS.—Section 2 of the Pittman-
17 Robertson Wildlife Restoration Act (16 U.S.C.
18 669a) is amended—

19 (A) by redesignating paragraphs (2)
20 through (8) as paragraphs (3) through (9), re-
21 spectively; and

22 (B) by inserting after paragraph (1) the
23 following:

24 “(2) the term ‘public target range’ means a
25 specific location that—

1 “(A) is identified by a governmental agen-
2 cy for recreational shooting;

3 “(B) is open to the public;

4 “(C) may be supervised; and

5 “(D) may accommodate archery or rifle,
6 pistol, or shotgun shooting;”.

7 (2) EXPENDITURES FOR MANAGEMENT OF
8 WILDLIFE AREAS AND RESOURCES.—Section 8(b) of
9 the Pittman-Robertson Wildlife Restoration Act (16
10 U.S.C. 669g(b)) is amended—

11 (A) by striking “(b) Each State” and in-
12 serting the following:

13 “(b) EXPENDITURES FOR MANAGEMENT OF WILD-
14 LIFE AREAS AND RESOURCES.—

15 “(1) IN GENERAL.—Except as provided in para-
16 graph (2), each State”;

17 (B) in paragraph (1) (as so designated), by
18 striking “construction, operation,” and insert-
19 ing “operation”;

20 (C) in the second sentence, by striking
21 “The non-Federal share” and inserting the fol-
22 lowing:

23 “(3) NON-FEDERAL SHARE.—The non-Federal
24 share”;

1 (D) in the third sentence, by striking “The
2 Secretary” and inserting the following:

3 “(4) REGULATIONS.—The Secretary”; and

4 (E) by inserting after paragraph (1) (as
5 designated by paragraph (1) of this subsection)
6 the following:

7 “(2) EXCEPTION.—Notwithstanding the limita-
8 tion described in paragraph (1), a State may pay up
9 to 90 percent of the cost of acquiring land for, ex-
10 panding, or constructing a public target range.”.

11 (3) FIREARM AND BOW HUNTER EDUCATION
12 AND SAFETY PROGRAM GRANTS.—Section 10 of the
13 Pittman-Robertson Wildlife Restoration Act (16
14 U.S.C. 669h–1) is amended—

15 (A) in subsection (a), by adding at the end
16 the following:

17 “(3) ALLOCATION OF ADDITIONAL AMOUNTS.—
18 Of the amount apportioned to a State for any fiscal
19 year under section 4(b), the State may elect to allo-
20 cate not more than 10 percent, to be combined with
21 the amount apportioned to the State under para-
22 graph (1) for that fiscal year, for acquiring land for,
23 expanding, or constructing a public target range.”;

24 (B) by striking subsection (b) and insert-
25 ing the following:

1 “(b) COST SHARING.—

2 “(1) IN GENERAL.—Except as provided in para-
3 graph (2), the Federal share of the cost of any activ-
4 ity carried out using a grant under this section shall
5 not exceed 75 percent of the total cost of the activ-
6 ity.

7 “(2) PUBLIC TARGET RANGE CONSTRUCTION OR
8 EXPANSION.—The Federal share of the cost of ac-
9 quiring land for, expanding, or constructing a public
10 target range in a State on Federal or non-Federal
11 land pursuant to this section or section 8(b) shall
12 not exceed 90 percent of the cost of the activity.”;
13 and

14 (C) in subsection (c)(1)—

15 (i) by striking “Amounts made” and
16 inserting the following:

17 “(A) IN GENERAL.—Except as provided in
18 subparagraph (B), amounts made”; and

19 (ii) by adding at the end the fol-
20 lowing:

21 “(B) EXCEPTION.—Amounts provided for
22 acquiring land for, constructing, or expanding a
23 public target range shall remain available for
24 expenditure and obligation during the 5-fiscal-
25 year period beginning on October 1 of the first

1 fiscal year for which the amounts are made
2 available.”.

3 (c) LIMITS ON LIABILITY.—

4 (1) DISCRETIONARY FUNCTION.—For purposes
5 of chapter 171 of title 28, United States Code (com-
6 monly referred to as the “Federal Tort Claims
7 Act”), any action by an agent or employee of the
8 United States to manage or allow the use of Federal
9 land for purposes of target practice or marksman-
10 ship training by a member of the public shall be con-
11 sidered to be the exercise or performance of a discre-
12 tionary function.

13 (2) CIVIL ACTION OR CLAIMS.—Except to the
14 extent provided in chapter 171 of title 28, United
15 States Code, the United States shall not be subject
16 to any civil action or claim for money damages for
17 any injury to or loss of property, personal injury, or
18 death caused by an activity occurring at a public
19 target range that is—

20 (A) funded in whole or in part by the Fed-
21 eral Government pursuant to the Pittman-Rob-
22 ertson Wildlife Restoration Act (16 U.S.C. 669
23 et seq.); or

24 (B) located on Federal land.

1 (d) SENSE OF CONGRESS REGARDING COOPERA-
2 TION.—It is the sense of Congress that, consistent with
3 applicable laws and regulations, the Chief of the Forest
4 Service and the Director of the Bureau of Land Manage-
5 ment should cooperate with State and local authorities and
6 other entities to carry out waste removal and other activi-
7 ties on any Federal land used as a public target range
8 to encourage continued use of that land for target practice
9 or marksmanship training.

10 (e) DEFINITION OF PUBLIC TARGET RANGE.—In
11 this section, the term “public target range” means a spe-
12 cific location that—

13 (1) is identified by a governmental agency for
14 recreational shooting;

15 (2) is open to the public;

16 (3) may be supervised; and

17 (4) may accommodate archery or rifle, pistol, or
18 shotgun shooting.

19 **SEC. 1080. SENSE OF CONGRESS ON ADVERSARY AIR CAPA-**
20 **BILITIES.**

21 It is the sense of Congress that each facility of the
22 Department of Defense housing an F–22 aircraft squad-
23 ron should have adversary air capabilities to improve the
24 training of F–22 aircrews.

1 **SEC. 1081. SENSE OF CONGRESS REGARDING ORGANIC AT-**
2 **TACK AVIATOR TRAINING CAPABILITY.**

3 It is the sense of Congress that—

4 (1) retaining attack rotary wing aviation assets
5 in the Army National Guard continues to be impor-
6 tant;

7 (2) the National Guard should retain organic
8 attack aviation training capacity; and

9 (3) the Western and Eastern Army Aviation
10 Training Sites have proven invaluable in maintaining
11 Army National Guard aviation readiness.

12 **SEC. 1082. SENSE OF CONGRESS ON THE LEGACY, CON-**
13 **TRIBUTIONS, AND SACRIFICES OF AMERICAN**
14 **INDIAN AND ALASKA NATIVES IN THE ARMED**
15 **FORCES.**

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

17 (1) The United States celebrates Native Amer-
18 ican History Month each November to recognize and
19 honor the history and achievements of Native Ameri-
20 cans.

21 (2) American Indian and Alaska Natives serve
22 in all branches of the Armed Forces, attend all serv-
23 ice academies, and defend our country with valiance,
24 pride, and honor.

1 (3) More than 30,000 active duty, reserve, and
2 National Guard members of the Armed Forces iden-
3 tify as Native American.

4 (4) American Indian and Alaska Natives have
5 served and continue to serve in the highest propor-
6 tions to population than any other ethnic group.

7 (5) American Indian and Alaska Natives have
8 served in every war, from the Revolutionary War to
9 current overseas conflicts.

10 (6) Native American veterans are Congressional
11 Medal of Honor, Congressional Gold and Silver Med-
12 als, Purple Heart, and Bronze Star Medal recipi-
13 ents.

14 (7) American Indian and Alaska Native women
15 serve in Armed Forces in higher proportions than
16 any other ethnic group.

17 (8) Native American Code Talkers and their
18 languages proved an invaluable asset during World
19 Wars I and II.

20 (9) Ira Hayes, Akimel O’odham (Pima) helped
21 to raise the American flag on Iwo Jima;

22 (10) Dr. Joseph Medicine Crow, Apsáalooke
23 (Crow), served in WWII and became a war chief.

24 (11) Numerous present and past military air-
25 craft, helicopters, and munitions programs bear the

1 names of Native American tribes and tribal leaders
2 to honor their legacy of martial prowess, including
3 the Apache, Kiowa, Black Hawk, Lakota, Chinook,
4 Huron, Iroquois, Comanche, Cayuse, Chickasaw,
5 Ute, Gray Eagle, Mescalero, Tomahawk, and more.

6 (12) Native American tribes commonly take
7 part in ceremonies alongside military units to bless
8 new aircraft and mark successful inception of new
9 fleets.

10 (13) More than 140,000 veterans across the
11 United States identify as Native American.

12 (14) Each November, the Department of De-
13 fense honors the unique and special relationship with
14 tribal communities during Native American Heritage
15 Month.

16 (b) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that Congress—

18 (1) recognizes and honors the legacy and con-
19 tributions of American Indian and Alaska Natives
20 and tribal communities to the military of the United
21 States; and

22 (2) commits to ensuring progress for American
23 Indian and Alaska Native members of the Armed
24 Forces and veterans with regard to representation in
25 senior military leadership positions, improving access

1 to culturally competent resources and services, and
2 supporting families and tribal communities.

3 **SEC. 1083. AMATEUR RADIO PARITY.**

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

5 (1) More than 730,000 radio amateurs in the
6 United States are licensed by the Federal Commu-
7 nications Commission in the amateur radio services.

8 (2) Amateur radio, at no cost to taxpayers, pro-
9 vides a fertile ground for technical self-training in
10 modern telecommunications, electronics technology,
11 and emergency communications techniques and pro-
12 tocols.

13 (3) There is a strong Federal interest in the ef-
14 fective performance of amateur stations established
15 at the residences of licensees. Such stations have
16 been shown to be frequently and increasingly pre-
17 cluded by unreasonable private land use restrictions,
18 including restrictive covenants.

19 (4) Federal Communications Commission regu-
20 lations have for three decades prohibited the applica-
21 tion to stations in the amateur service of State and
22 local regulations that preclude or fail to reasonably
23 accommodate amateur service communications, or
24 that do not constitute the minimum practicable reg-
25 ulation to accomplish a legitimate State or local pur-

1 pose. Commission policy has been and is to require
2 States and localities to permit erection of a station
3 antenna structure at heights and dimensions suffi-
4 cient to accommodate amateur service communica-
5 tions.

6 (5) The Commission has sought guidance and
7 direction from Congress with respect to the applica-
8 tion of the Commission's limited preemption policy
9 regarding amateur service communications to private
10 land use restrictions, including restrictive covenants.

11 (6) There are aesthetic and common property
12 considerations that are uniquely applicable to private
13 land use regulations and the community associations
14 obligated to enforce covenants, conditions, and re-
15 strictions in deed-restricted communities. These con-
16 siderations are dissimilar to those applicable to State
17 law and local ordinances regulating the same resi-
18 dential amateur radio facilities.

19 (7) In recognition of these considerations, a
20 separate Federal policy than exists at section
21 97.15(b) of title 47, Code of Federal Regulations, is
22 warranted concerning amateur service communica-
23 tions in deed-restricted communities.

24 (8) Community associations should fairly ad-
25 minister private land use regulations in the interest

1 of their communities, while nevertheless permitting
2 the installation and maintenance of effective outdoor
3 amateur radio antennas. There exist antenna de-
4 signs and installations that can be consistent with
5 the aesthetics and physical characteristics of land
6 and structures in community associations while ac-
7 commodating communications in the amateur radio
8 services.

9 (b) APPLICATION OF PRIVATE LAND USE RESTRIC-
10 TIONS TO AMATEUR STATIONS.—

11 (1) AMENDMENT OF FCC RULES.—Not later
12 than 120 days after the date of the enactment of
13 this Act, the Federal Communications Commission
14 shall amend section 97.15 of title 47, Code of Fed-
15 eral Regulations, by adding a new paragraph that
16 prohibits the application to amateur stations of any
17 private land use restriction, including a restrictive
18 covenant, that—

19 (A) on its face or as applied, precludes
20 communications in an amateur radio service;

21 (B) fails to permit a licensee in an ama-
22 teur radio service to install and maintain an ef-
23 fective outdoor antenna on property under the
24 exclusive use or control of the licensee; or

1 (C) does not constitute the minimum prac-
2 ticable restriction on such communications to
3 accomplish the lawful purposes of a community
4 association seeking to enforce such restriction.

5 (2) ADDITIONAL REQUIREMENTS.—In amend-
6 ing its rules as required by subsection (a), the Com-
7 mission shall—

8 (A) require any licensee in an amateur
9 radio service to notify and obtain prior approval
10 from a community association concerning in-
11 stallation of an outdoor antenna;

12 (B) permit a community association to
13 prohibit installation of any antenna or antenna
14 support structure by a licensee in an amateur
15 radio service on common property not under the
16 exclusive use or control of the licensee; and

17 (C) subject to the standards specified in
18 paragraphs (1) and (2) of subsection (a), per-
19 mit a community association to establish rea-
20 sonable written rules concerning height, loca-
21 tion, size, and aesthetic impact of, and installa-
22 tion requirements for, outdoor antennas and
23 support structures for the purpose of con-
24 ducting communications in the amateur radio
25 services.

1 (c) AFFIRMATION OF LIMITED PREEMPTION OF
2 STATE AND LOCAL LAND USE REGULATION.—The Fed-
3 eral Communications Commission may not change section
4 97.15(b) of title 47, Code of Federal Regulations, which
5 shall remain applicable to State and local land use regula-
6 tion of amateur service communications.

7 (d) DEFINITIONS.—In this section:

8 (1) The term “community association” means
9 any non-profit mandatory membership organization
10 composed of owners of real estate described in a dec-
11 laration of covenants or created pursuant to a cov-
12 enant or other applicable law with respect to which
13 a person, by virtue of the person’s ownership of or
14 interest in a unit or parcel, is obligated to pay for
15 a share of real estate taxes, insurance premiums,
16 maintenance, improvement, services, or other ex-
17 penses related to common elements, other units, or
18 any other real estate other than the unit or parcel
19 described in the declaration.

20 (2) The terms “amateur radio services”, “ama-
21 teur service”, and “amateur station” have the mean-
22 ings given such terms in section 97.3 of title 47,
23 Code of Federal Regulations.

1 **SEC. 1084. SENSE OF CONGRESS REGARDING THE INTER-**
2 **NATIONAL BORDERS OF THE UNITED STATES.**

3 It is the sense of Congress that—

4 (1) gaining and maintaining situational aware-
5 ness and operational control of the international bor-
6 ders of the United States is critical to national secu-
7 rity;

8 (2) the United States Government must devote
9 adequate resources to securing the border, both at,
10 and between, ports of entry, and the agency tasked
11 with that mission, the Department of Homeland Se-
12 curity, should be adequately resourced to conduct
13 such mission; and

14 (3) the Department of Defense must ensure
15 that when it acts in support of that mission, such
16 as when mobilized by the President to conduct
17 homeland defense activities, or when military facili-
18 ties are adjacent to an international border of the
19 United States, it has adequate resources, capabili-
20 ties, and authorities to carry out the mission while
21 maintaining combat readiness.

22 **SEC. 1085. PROGRAM TO COMMEMORATE 75TH ANNIVER-**
23 **SARY OF WORLD WAR II.**

24 (a) **COMMEMORATIVE PROGRAM AUTHORIZED.**—The
25 Secretary of Defense shall conduct a program to com-
26 memorate the 75th anniversary of World War II. In con-

1 ducting the commemorative program, the Secretary shall
2 support and facilitate other programs and activities of the
3 Federal Government, State and local governments, and
4 not-for-profit organizations in commemoration of the 75th
5 anniversary of World War II.

6 (b) COMMEMORATIVE ACTIVITIES AND OBJEC-
7 TIVES.—The commemorative program may include activi-
8 ties and ceremonies to achieve the following objectives:

9 (1) To thank and honor veterans of World War
10 II, including personnel who were held as prisoners of
11 war or listed as missing in action, for their service
12 and sacrifice on behalf of the United States and to
13 thank and honor the families of these veterans.

14 (2) To educate the public about the history of
15 World War II and highlight the service of the Armed
16 Forces during World War II and the contributions
17 of Federal agencies and governmental and non-
18 governmental organizations that served with, or in
19 support of, the Armed Forces.

20 (3) To pay tribute to the contributions made on
21 the home front by the people of the United States
22 during World War II.

23 (4) To recognize the contributions and sac-
24 rifices made by the allies of the United States dur-
25 ing World War II.

1 (c) NAMES AND SYMBOLS.—The Secretary of De-
2 fense shall have the sole and exclusive right to use the
3 name “The United States of America 75th Anniversary
4 of World War II Commemoration”, and such seal, em-
5 blems, and badges incorporating such name as the Sec-
6 retary may lawfully adopt. Nothing in this section may
7 be construed to supersede rights that are established or
8 vested before the date of the enactment of this Act.

9 (d) COMMEMORATIVE FUND.—

10 (1) ESTABLISHMENT AND ADMINISTRATION.—

11 Upon the Secretary establishing the commemorative
12 program under subsection (a), the Secretary of the
13 Treasury shall establish in the Treasury of the
14 United States an account to be known as the “De-
15 partment of Defense World War II Commemoration
16 Fund” (in this section referred to as the “Fund”).
17 The Fund shall be administered by the Secretary of
18 Defense.

19 (2) USE OF FUND.—The Secretary of Defense
20 shall use the assets of the Fund only for the purpose
21 of conducting the commemorative program and pro-
22 viding grants to State and local governments and
23 not-for-profit organizations for commemorative ac-
24 tivities, and shall prescribe such regulations regard-

1 ing the use of the Fund as the Secretary considers
2 to be necessary.

3 (3) DEPOSITS.—The following shall be depos-
4 ited into the Fund:

5 (A) Amounts appropriated to the Fund.

6 (B) Proceeds derived from the Secretary's
7 use of the exclusive rights described in sub-
8 section (c).

9 (C) Donations made in support of the com-
10 memorative program by private and corporate
11 donors.

12 (D) Funds transferred to the Fund by the
13 Secretary from funds appropriated for fiscal
14 year 2019 and subsequent years for the Depart-
15 ment of Defense.

16 (4) AVAILABILITY.—Subject to subsection
17 (f)(2), amounts deposited under paragraph (3) shall
18 constitute the assets of the Fund and remain avail-
19 able until expended.

20 (5) BUDGET REQUEST.—The Secretary of De-
21 fense may establish a separate budget line for the
22 commemorative program. In the budget justification
23 materials submitted by the Secretary in support of
24 the budget of the President for any fiscal year for

1 which the Secretary establishes the separate budget
2 line, the Secretary shall—

3 (A) identify and explain any amounts ex-
4 pended for the commemorative program in the
5 fiscal year preceding the budget request;

6 (B) identify and explain the amounts being
7 requested to support the commemorative pro-
8 gram for the fiscal year of the budget request;
9 and

10 (C) present a summary of the fiscal status
11 of the Fund.

12 (e) ACCEPTANCE OF VOLUNTARY SERVICES.—

13 (1) AUTHORITY TO ACCEPT SERVICES.—Not-
14 withstanding section 1342 of title 31, United States
15 Code, the Secretary of Defense may accept from any
16 person voluntary services to be provided in further-
17 ance of the commemorative program. The Secretary
18 of Defense shall prohibit the solicitation of any vol-
19 untary services if the nature or circumstances of
20 such solicitation would compromise the integrity or
21 the appearance of integrity of any program of the
22 Department of Defense or of any individual involved
23 in the program.

24 (2) REIMBURSEMENT OF INCIDENTAL EX-
25 PENSES.—The Secretary may provide for reimburse-

1 ment of incidental expenses incurred by a person
2 providing voluntary services under this subsection.
3 The Secretary shall determine which expenses are el-
4 igible for reimbursement under this paragraph.

5 (f) FINAL REPORT.—

6 (1) REPORT REQUIRED.—Not later than 60
7 days after the end of the commemorative program
8 established by the Secretary of Defense under sub-
9 section (a), the Secretary shall submit to Congress
10 a report containing an accounting of—

11 (A) all of the funds deposited into and ex-
12 pended from the Fund;

13 (B) any other funds expended under this
14 section; and

15 (C) any unobligated funds remaining in
16 the Fund.

17 (2) TREATMENT OF UNOBLIGATED FUNDS.—

18 Unobligated amounts remaining in the Fund as of
19 the end of the commemorative period shall be held
20 in the Fund until transferred by law.

21 (g) LIMITATION ON EXPENDITURES.—Total expendi-
22 tures from the Fund, using amounts appropriated to the
23 Department of Defense, may not exceed \$5,000,000 for
24 fiscal year 2019 or for any subsequent fiscal year to carry
25 out the commemorative program.

1 (h) FUNDING.—Of the amount authorized to be ap-
2 propriated by this Act or otherwise made available for fis-
3 cal year 2019 for operation and maintenance, Defense-
4 wide activities, \$2,000,000 shall be available for deposit
5 in the Fund.

6 **TITLE XI—CIVILIAN PERSONNEL**
7 **MATTERS**

8 **SEC. 1101. DIRECT HIRE AUTHORITY FOR THE DEPART-**
9 **MENT OF DEFENSE FOR CERTAIN COMPETI-**
10 **TIVE SERVICE POSITIONS.**

11 (a) IN GENERAL.—Chapter 99 of title 5, United
12 States Code, is amended by adding at the end the fol-
13 lowing:

14 **“§ 9905. Direct hire authority for certain personnel of**
15 **the Department of Defense**

16 “(a) IN GENERAL.—The Secretary of Defense may
17 appoint, without regard to the provisions of subchapter I
18 of chapter 33 (other than sections 3303 and 3328 of such
19 chapter), qualified candidates to any of the following posi-
20 tions in the competitive service in the Department of De-
21 fense:

22 “(1) Any position involved with Department
23 maintenance activities, including depot-level mainte-
24 nance and repair.

25 “(2) Any position involved with cybersecurity.

1 “(3) Any individual in the acquisition workforce
2 that manages any services contracts necessary to the
3 operation and maintenance of programs of the De-
4 partment.

5 “(4) Any science, technology, or engineering po-
6 sition, including any such position at the Major
7 Range and Test Facilities Base, in order to allow de-
8 velopment of new systems and provide for the main-
9 tenance of legacy systems.

10 “(b) SUNSET.—Effective on September 30, 2025, the
11 authority provided under subsection (a) shall expire.”.

12 (b) CLERICAL AMENDMENT.—The table of sections
13 at the beginning of chapter 99 of such title is amended
14 by inserting after the item relating to section 9904 the
15 following new item:

 “9905. Direct hire authority for certain personnel of the Department of De-
 fense.”.

16 **SEC. 1102. MODIFICATION OF DIRECT HIRE AUTHORITY**
17 **FOR THE DEPARTMENT OF DEFENSE FOR**
18 **POST-SECONDARY STUDENTS AND RECENT**
19 **GRADUATES.**

20 (a) IN GENERAL.—Chapter 99 of title 5, United
21 States Code, as amended by section 1101(a), is further
22 amended by adding at the end the following:

1 **“§ 9906. Direct hire authority for the Department of**
2 **Defense for post-secondary students and**
3 **recent graduates**

4 “(a) IN GENERAL.—Without regard to sections 3309
5 through 3318, 3327, and 3330, the Secretary of Defense
6 may recruit and appoint qualified recent graduates and
7 current post-secondary students to competitive service po-
8 sitions in professional and administrative occupations
9 within the Department of Defense.

10 “(b) REGULATIONS.—

11 “(1) IN GENERAL.—The Secretary shall admin-
12 ister this section in accordance with regulations pre-
13 scribed by the Secretary for purposes of this section.

14 “(2) PUBLIC NOTICE AND ADVERTISING.—To
15 the extent practical, as determined by the Secretary,
16 the Secretary shall publicly advertise positions avail-
17 able under this section. In carrying out the pre-
18 ceding sentence, the Secretary shall—

19 “(A) take into account merit system prin-
20 ciples, mission requirements, costs, and organi-
21 zational benefits of any advertising of positions;
22 and

23 “(B) advertise such positions in the man-
24 ner the Secretary determines is most likely to
25 provide diverse and qualified candidates and en-

1 sure potential applicants have appropriate infor-
2 mation relevant to the positions available.

3 “(c) DEFINITIONS.—In this section—

4 “(1) the term ‘current post-secondary student’
5 means a person who—

6 “(A) is currently enrolled in, and in good
7 academic standing at, a full-time program at an
8 institution of higher education;

9 “(B) is making satisfactory progress to-
10 ward receipt of a baccalaureate or graduate de-
11 gree; and

12 “(C) has completed at least one year of the
13 program;

14 “(2) the term ‘institution of higher education’
15 has the meaning given the term in section 101 of the
16 Higher Education Act of 1965 (20 U.S.C. 1001);
17 and

18 “(3) the term ‘recent graduate’, with respect to
19 appointment of a person under this section, means
20 a person who was awarded a degree by an institu-
21 tion of higher education not more than two years be-
22 fore the date of the appointment of such person, ex-
23 cept that in the case of a person who has completed
24 a period of obligated service in a uniformed service
25 of more than four years, such term means a person

1 who was awarded a degree by an institution of high-
2 er education not more than four years before the
3 date of the appointment of such person.

4 “(d) SUNSET.—Effective on September 30, 2025, the
5 authority provided under this section shall expire.”.

6 (b) CLERICAL AMENDMENT.—The table of sections
7 at the beginning of chapter 99 of such title, as amended
8 by section 1101(b), is further amended by inserting after
9 the item relating to section 9905 the following new item:

 “9906. Direct hire authority for the Department of Defense for post-secondary
 students and recent graduates.”.

10 (c) REPEAL.—Section 1106 of the National Defense
11 Authorization Act for Fiscal Year 2017 (Public Law 114–
12 328) is repealed.

13 **SEC. 1103. EXTENSION OF OVERTIME RATE AUTHORITY**
14 **FOR DEPARTMENT OF THE NAVY EMPLOYEES**
15 **PERFORMING WORK ABOARD OR DOCKSIDE**
16 **IN SUPPORT OF THE NUCLEAR-POWERED**
17 **AIRCRAFT CARRIER FORWARD DEPLOYED IN**
18 **JAPAN.**

19 Section 5542(a)(6)(B) of title 5, United States Code,
20 is amended by striking “September 30, 2019” and insert-
21 ing “September 30, 2021”.

1 **SEC. 1104. ONE-YEAR EXTENSION AND EXPANSION OF AU-**
2 **THORITY TO WAIVE ANNUAL LIMITATION ON**
3 **PREMIUM PAY AND AGGREGATE LIMITATION**
4 **ON PAY FOR FEDERAL CIVILIAN EMPLOYEES**
5 **WORKING OVERSEAS.**

6 (a) IN GENERAL.—Section 1101(a) of the Duncan
7 Hunter National Defense Authorization Act for Fiscal
8 Year 2009 (Public Law 110–417; 122 Stat. 4615), as
9 most recently amended by section 1105 of the National
10 Defense Authorization Act for Fiscal Year 2018 (Public
11 Law 115–91), is amended by striking “through 2018” and
12 inserting “through 2019”.

13 (b) APPLICABILITY OF AGGREGATE LIMITATION ON
14 PAY.—Section 1101(b) of the Duncan Hunter National
15 Defense Authorization Act for Fiscal Year 2009 (Public
16 Law 110–417; 122 Stat. 4615) is amended to read as fol-
17 lows:

18 “(b) APPLICABILITY OF AGGREGATE LIMITATION ON
19 PAY.—In applying section 5307 of title 5, United States
20 Code, any payment in addition to basic pay for a period
21 of time during which a waiver under subsection (a) is in
22 effect shall not be counted as part of an employee’s aggre-
23 gate compensation for the given calendar year.”.

24 (c) EFFECTIVE DATE.—This section and the amend-
25 ments made by this section shall take effect on January
26 1, 2019.

1 **SEC. 1105. APPOINTMENT OF RETIRED MEMBERS OF THE**
2 **ARMED FORCES TO POSITIONS IN OR UNDER**
3 **THE DEPARTMENT OF DEFENSE.**

4 (a) IN GENERAL.—During fiscal years 2018 through
5 2021, in addition to the authority provided under para-
6 graphs (1) and (2) of subsection (b) of section 3326 of
7 title 5, United States Code, and consistent with the re-
8 quirements of such section, a retired member of the armed
9 forces may be appointed under such subsection if—

10 (1) the Department of Defense (including a
11 nonappropriated fund instrumentality under the ju-
12 risdiction of the armed forces) has been granted di-
13 rect hire authority to fill the position;

14 (2) the appointment is to fill an emergency ap-
15 pointment for which the Secretary concerned or his
16 designee for the purpose determines competitive ap-
17 pointment is not appropriate or reasonable due to
18 the need to fill the emergency need as quickly as
19 possible; or

20 (3) the appointment is for a highly qualified ex-
21 pert under section 9903 of such title.

22 (b) BRIEFING.—Not later than 90 days after the end
23 of each of fiscal years 2018 through 2021, the Secretary
24 of Defense shall provide a briefing to the Committee on
25 Armed Services of the House of Representatives and the

1 Committee on Oversight and Government Reform of the
2 House of Representatives including—

3 (1) with respect to the waiver process under
4 section 3326(b)(1) of title 5, United States Code—

5 (A) the number of individuals appointed
6 during the most recently ended fiscal year
7 under such process; and

8 (B) the Department of Defense’s plan on
9 the use of such process during the fiscal year
10 in which the briefing is provided;

11 (2) the number of individuals—

12 (A) appointed under the authority provided
13 by subsection (a) during the most recently
14 ended fiscal year; and

15 (B) expected to be appointed under such
16 subsection during the fiscal year in which the
17 briefing is provided; and

18 (3) the impact of subsection (a) on the manage-
19 ment of the Department civilian workforce during
20 the most recently ended fiscal year.

21 **SEC. 1106. EXTENSION OF AUTHORITY TO CONDUCT**
22 **TELEWORK TRAVEL EXPENSES TEST PRO-**
23 **GRAMS.**

24 (a) IN GENERAL.—Section 5711(g) of title 5, United
25 States Code, is amended by striking “7 years after the

1 date of the enactment of the Telework Enhancement Act
2 of 2010” and inserting “on December 31, 2020”.

3 (b) EFFECTIVE DATE.—The amendment made by
4 subsection (a) shall take effect as though enacted on De-
5 cember 1, 2017.

6 **SEC. 1107. PERSONNEL DEMONSTRATION PROJECTS.**

7 Section 4703 of title 5, United States Code, is
8 amended—

9 (1) in subsection (d), by striking paragraph (2)
10 and inserting the following:

11 “(2)(A) Except as provided in subparagraph (B), not
12 more than 10 active demonstration projects may be in ef-
13 fect at any time.

14 “(B) Any demonstration project authorized under
15 this section that is active for a period greater than 10
16 years shall not count for purposes of applying the limita-
17 tion in subparagraph (A).”; and

18 (2) by adding at the end the following:

19 “(j) Each agency at which a demonstration project
20 is ongoing shall submit an annual report to the Office of
21 Personnel Management, the Office and Management and
22 Budget, the Committee on Homeland Security and Gov-
23 ernmental Affairs of the United States Senate, and the
24 Committee on Oversight and Government Reform of the
25 United States House of Representatives that includes—

1 “(1) the aggregate performance appraisal rat-
2 ings and compensation costs for employees under a
3 demonstration project;

4 “(2) an assessment of the results of the dem-
5 onstration project, including its impact on mission
6 goals, employee recruitment, retention, and satisfac-
7 tion, and which may include the results of the survey
8 authorized under section 1128 of the National De-
9 fense Authorization Act for Fiscal Year 2004 (Pub-
10 lic Law 108–136; 5 U.S.C. 7101 note), commonly
11 referred to as the Federal Employee Viewpoint Sur-
12 vey, and performance management for employees;
13 and

14 “(3) a comparison of the items listed in (1) and
15 (2) with employees not covered by the demonstration
16 project.”.

17 **SEC. 1108. EXPANDED FLEXIBILITY IN SELECTING CAN-**
18 **DIDATES FROM REFERRAL LISTS.**

19 (a) **EXPANDED FLEXIBILITY.**—Subchapter I of chap-
20 ter 33 of title 5, United States Code, is amended by strik-
21 ing sections 3317 and 3318 and inserting the following:
22 **“§ 3317. Competitive service; certification using nu-**
23 **merical ratings**

24 “(a) **CERTIFICATION.**—

1 “(1) IN GENERAL.—The Director of the Office
2 of Personnel Management, or the head of an agency
3 to which the Director has delegated examining au-
4 thority under section 1104(a)(2), shall certify a suf-
5 ficient number of names from the top of the appro-
6 priate register or list of eligibles, as determined pur-
7 suant to regulations prescribed under subsection (c),
8 and provide a certificate with such names to an ap-
9 pointing authority that has requested a certificate of
10 eligibles to consider when filling a job in the com-
11 petitive service.

12 “(2) MINIMUM NUMBER OF NAMES CER-
13 TIFIED.—Unless otherwise provided for in regula-
14 tions prescribed under subsection (c), the number of
15 names certified under paragraph (1) shall be not
16 less than three.

17 “(b) DISCONTINUANCE OF CERTIFICATION.—When
18 an appointing authority, for reasons considered sufficient
19 by the Director or head of an agency, has three times con-
20 sidered and passed over a preference eligible who was cer-
21 tified from a register, the Director or head of any agency
22 may discontinue certifying the preference eligible for ap-
23 pointment. The Director or the head of an agency shall
24 provide to such preference eligible notice of the intent to

1 discontinue certifying such preference eligible prior to the
2 discontinuance of certification.

3 “(c) REGULATIONS.—The Director shall prescribe
4 regulations for the administration of this section. Such
5 regulations shall include the establishment of mechanisms
6 for identifying the eligibles who will be considered for each
7 vacancy. Such mechanisms may include cut-off scores.

8 “(d) DEFINITION.—In this section, the term ‘Direc-
9 tor’ means the Director of the Office of Personnel Man-
10 agement.

11 **“§ 3318. Competitive service; selections using numer-**
12 **ical ratings**

13 “(a) IN GENERAL.—An appointing authority shall se-
14 lect for appointment from the eligibles certified for ap-
15 pointment on a certificate furnished under section
16 3317(a), unless objection to one or more of the individuals
17 certified is made to, and sustained by, the Director of the
18 Office of Personnel Management or the head of an agency
19 to which the Director has delegated examining authority
20 under section 1104(a)(2), for proper and adequate reason
21 under regulations prescribed by the Director.

22 “(b) OTHER APPOINTING AUTHORITIES.—

23 “(1) IN GENERAL.—During the 240-day period
24 beginning on the date of issuance of a certificate of
25 eligibles under section 3317(a), an appointing au-

1 thority other than the appointing authority request-
2 ing the certificate (in this subsection referred to as
3 the ‘other appointing authority’) may select an indi-
4 vidual from that certificate in accordance with this
5 subsection for an appointment to a position that
6 is—

7 “(A) in the same occupational series as the
8 position for which the certification of eligibles
9 was issued (in this subsection referred to as the
10 ‘original position’); and

11 “(B) at a similar grade level as the origi-
12 nal position.

13 “(2) APPLICABILITY.—An appointing authority
14 requesting a certificate of eligibles may share the
15 certificate with another appointing authority only if
16 the announcement of the original position provided
17 notice that the resulting list of eligible candidates
18 may be used by another appointing authority.

19 “(3) REQUIREMENTS.—The selection of an in-
20 dividual under paragraph (1)—

21 “(A) shall be made in accordance with sub-
22 section (a); and

23 “(B) subject to paragraph (4), may be
24 made without any additional posting under sec-
25 tion 3327.

1 “(4) INTERNAL NOTICE.—Before selecting an
2 individual under paragraph (1), the other appointing
3 authority shall—

4 “(A) provide notice of the available posi-
5 tion to employees of the other appointing au-
6 thority;

7 “(B) provide up to 10 business days for
8 employees of the other appointing authority to
9 apply for the position; and

10 “(C) review the qualifications of employees
11 submitting an application.

12 “(c) PASS OVER.—

13 “(1) IN GENERAL.—Subject to subparagraph
14 (2), if an appointing authority proposes to pass over
15 a preference eligible certified for appointment under
16 subsection (a) and select an individual who is not a
17 preference eligible, the appointing authority shall file
18 written reasons with the Director or the head of the
19 agency for passing over the preference eligible. The
20 Director or the head of the agency shall make the
21 reasons presented by the appointing authority part
22 of the record of the preference eligible and may re-
23 quire the submission of more detailed information
24 from the appointing authority in support of the
25 passing over of the preference eligible. The Director

1 or the head of the agency shall determine the suffi-
2 ciency or insufficiency of the reasons submitted by
3 the appointing authority, taking into account any re-
4 sponse received from the preference eligible under
5 paragraph (2). When the Director or the head of the
6 agency has completed review of the proposed pass-
7 over of the preference eligible, the Director or the
8 head of the agency shall send its findings to the ap-
9 pointing authority and to the preference eligible. The
10 appointing authority shall comply with the findings.

11 “(2) PREFERENCE ELIGIBLE INDIVIDUALS WHO
12 HAVE A COMPENSABLE SERVICE-CONNECTED DIS-
13 ABILITY.—In the case of a preference eligible de-
14 scribed in section 2108(3)(C) who has a compen-
15 sable service-connected disability of 30 percent or
16 more, the appointing authority shall notify the Di-
17 rector under paragraph (1) and, at the same time,
18 notify the preference eligible of the proposed pass-
19 over, of the reasons for the proposed pass-over, and
20 of the individual’s right to respond to those reasons
21 to the Director within 15 days of the date of the no-
22 tification. The Director shall, before completing the
23 review under paragraph (1), require a demonstration
24 by the appointing authority that the notification was

1 timely sent to the preference eligible's last known
2 address.

3 “(3) FURTHER CONSIDERATION NOT RE-
4 QUIRED.—When a preference eligible, for reasons
5 considered sufficient by the Director, or in the case
6 of a preference eligible described in paragraph (1),
7 by the head of an agency, has been passed over in
8 accordance with this subsection for the same posi-
9 tion, the appointing authority is not required to give
10 further consideration to that preference eligible while
11 selecting from the same list for a subsequent ap-
12 pointment to such position.

13 “(4) DELEGATION PROHIBITION.—In the case
14 of a preference eligible described in paragraph (2),
15 the functions of the Director under this subsection
16 may not be delegated to an individual who is not an
17 officer or employee of the Office of Personnel Man-
18 agement.

19 “(d) SPECIAL RULE REGARDING REEMPLOYMENT
20 LISTS.—When the names of preference eligibles are on a
21 reemployment list appropriate for the position to be filled,
22 an appointing authority may appoint from a register of
23 eligibles established after examination only an individual
24 who qualifies as a preference eligible under subparagraph
25 (C), (D), (E), (F), or (G) of section 2108(3).

1 “(e) CONSIDERATION NOT REQUIRED.—In accord-
2 ance with regulations prescribed by the Director, an ap-
3 pointing officer is not required to consider an eligible who
4 has been considered by the appointing officer for three
5 separate appointments from the same or different certifi-
6 cates for the same position.

7 “(f) REGULATIONS.—The Director shall prescribe
8 regulations for the administration of this section.

9 “(d) DEFINITION.—In this section, the term ‘Direc-
10 tor’ means the Director of the Office of Personnel Man-
11 agement.”.

12 (b) CONFORMING AMENDMENTS.—Such subchapter
13 is further amended—

14 (1) in section 3319—

15 (A) by amending the section heading to
16 read as follows:

17 **“§ 3319. Competitive service; selection using category**
18 **rating”; and**

19 (B) in subsection (c), by striking para-
20 graph (6), redesignating paragraph (7) as para-
21 graph (6), and amending paragraph (6) (as so
22 redesignated) to read as follows:

23 “(6) PREFERENCE ELIGIBLES.—

24 “(A) SATISFACTION OF CERTAIN REQUIRE-
25 MENTS.—Notwithstanding paragraphs (1) and

1 (2), an appointing official may not pass over a
2 preference eligible in the same category from
3 which selection is made, unless the require-
4 ments of sections 3317(b) and 3318(c), as ap-
5 plicable, are satisfied.

6 “(B) FURTHER CONSIDERATION NOT RE-
7 QUIRED.—When a preference eligible, for rea-
8 sons considered sufficient by the Director, or in
9 the case of a preference eligible described in
10 section 3318(c)(1), by the head of an agency,
11 has been passed over in accordance with section
12 3318(c) for the same position, the appointing
13 authority is not required to give further consid-
14 eration to that preference eligible while select-
15 ing from the same list for a subsequent ap-
16 pointment to such position.

17 “(C) LIST OF ELIGIBLES ISSUED FROM A
18 STANDING REGISTER; DISCONTINUATION OF
19 CERTIFICATION.—In the case of lists of eligibles
20 issued from a standing register, when an ap-
21 pointing authority, for reasons considered suffi-
22 cient by the Director or the head of an agency,
23 has three times considered and passed over a
24 preference eligible who was certified from a reg-
25 ister, certification of the preference eligible for

1 appointment may be discontinued. However, the
2 preference eligible is entitled to advance notice
3 of discontinuance of certification in accordance
4 with regulations prescribed by the Director.”;
5 and

6 (2) in the first sentence of section 3320, by
7 striking “sections 3308–3318” and inserting “sec-
8 tions 3308 through 3319”.

9 (c) CLERICAL AMENDMENT.—The table of sections
10 at the beginning of such chapter is amended by striking
11 the items relating to sections 3317, 3318, and 3319 and
12 inserting the following:

“3317. Competitive service; certification using numerical ratings
“3318. Competitive service; selection using numerical ratings
“3319. Competitive service; selection using category rating”.

13 (d) EFFECTIVE DATE.—

14 (1) IN GENERAL.—The amendments made by
15 this section shall take effect on the date on which
16 the Director of the Office of Personnel Management
17 issues final regulations to implement sections 3317,
18 3318, and 3319 of title 5, United States Code, as
19 amended or added by this section.

20 (2) REGULATIONS REQUIRED.—The Director
21 shall issue regulations under paragraph (1) not later
22 than one year after the date of enactment of this
23 section.

1 **SEC. 1109. TEMPORARY AND TERM APPOINTMENTS IN THE**
2 **COMPETITIVE SERVICE.**

3 (a) TEMPORARY AND TERM APPOINTMENTS.—Sub-
4 chapter I of chapter 31 of title 5, United States Code,
5 is amended by adding at the end the following:

6 **“§ 3115. Temporary and term appointments**

7 “(a) DEFINITIONS.—In this section:

8 “(1) DIRECTOR.—The term ‘Director’ means
9 the Director of the Office of Personnel Management.

10 “(2) TEMPORARY APPOINTMENT.—The term
11 ‘temporary appointment’ means an appointment in
12 the competitive service for a period of not more than
13 1 year.

14 “(3) TERM APPOINTMENT.—The term ‘term
15 appointment’ means an appointment in the competi-
16 tive service for a period of more than 1 year and not
17 more than 5 years.

18 “(b) APPOINTMENT.—

19 “(1) IN GENERAL.—The head of an Executive
20 agency may make a temporary appointment or term
21 appointment to a position in the competitive service
22 when the need for the services of the employee serv-
23 ices is not permanent.

24 “(2) EXTENSION.—Under conditions prescribed
25 by the Director, the head of an Executive agency
26 may—

1 “(A) extend a temporary appointment
2 made under paragraph (1) in increments of not
3 more than 1 year, up to a maximum of 3 total
4 years of service; and

5 “(B) extend a term appointment made
6 under paragraph (1) in increments determined
7 appropriate by the head of the Executive agen-
8 cy, up to a maximum of 6 total years of service.

9 “(c) APPOINTMENTS FOR CRITICAL HIRING
10 NEEDS.—Under conditions prescribed by the Director, the
11 head of an Executive agency may make a noncompetitive
12 temporary appointment, or a noncompetitive term ap-
13 pointment for a period of not more than 18 months, to
14 a position in the competitive service for which a critical
15 hiring need exists, without regard to the requirements of
16 sections 3327 and 3330. An appointment made under this
17 subsection may not be extended.

18 “(d) REGULATIONS.—The Director may prescribe
19 regulations to carry out this section, but is not required
20 to promulgate regulations prior to implementation of this
21 section.

22 “(e) SPECIAL PROVISION REGARDING THE DEPART-
23 MENT OF DEFENSE.—Nothing in this section shall pre-
24 clude the Secretary of Defense from making temporary
25 and term appointments in the competitive service pursu-

ant to section 1105 of the National Defense Authorization Act for Fiscal Year 2017 (10 U.S.C. note prec. 1580; Public Law 114–328; 130 Stat. 2447), and any regulations prescribed by the Director for the administration of this section shall not apply to the Secretary of Defense in the exercise of the authorities granted under such section 1105.”.

(b) CLERICAL AMENDMENT.—The table of sections for chapter 31 of title 5, United States Code, is amended by inserting after the item relating to section 3114 the following: .

“3115. Temporary and term appointments”.

**TITLE XII—MATTERS RELATING
TO FOREIGN NATIONS
Subtitle A—Assistance and
Training**

SEC. 1201. REPORT ON THE USE OF SECURITY COOPERATION AUTHORITIES.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the Secretary of Defense should utilize appropriate security cooperation authorities to counter malign influence campaigns that are directed at allied and partner countries and that pose a significant threat to the national security of the United States.

(b) REPORT ON FUNDING.—The Secretary of Defense shall include with the consolidated budget materials

1 submitted to Congress as required by section 381 of title
2 10, United States Code, for fiscal year 2020, and for each
3 subsequent fiscal year through fiscal year 2025, a report
4 on the use of security cooperation funding to counter the
5 malign influence directed at allied and partner countries
6 and that pose a significant threat to the national security
7 of the United States.

8 **SEC. 1202. CLARIFICATION OF AUTHORITY TO WAIVE CER-**
9 **TAIN EXPENSES FOR ACTIVITIES OF THE RE-**
10 **GIONAL CENTERS FOR SECURITY STUDIES.**

11 Section 342 of title 10, United States Code, is
12 amended—

13 (1) in subsection (f)(3)—

14 (A) in subparagraph (A) in the first sen-
15 tence, by inserting “, including travel, transpor-
16 tation, and subsistence expenses,” after “activi-
17 ties of the Regional Centers”; and

18 (B) in subparagraph (B)(i), by inserting “,
19 including travel, transportation, and subsistence
20 expenses,” after “activities of the Regional Cen-
21 ters”;

22 (2) in subsection (h)(3)(A), by inserting “, in-
23 cluding travel, transportation, and subsistence ex-
24 penses,” after “Marshall Center”; and

1 (3) in subsection (i)(1), by inserting “, includ-
2 ing travel, transportation, and subsistence ex-
3 penses,” after “Daniel K. Inouye Center for Security
4 Studies”.

5 **SEC. 1203. NATO STRATEGIC COMMUNICATIONS CENTER**
6 **OF EXCELLENCE.**

7 (a) **AUTHORIZATION.**—The Secretary of Defense
8 shall provide funds for the NATO Strategic Communica-
9 tions Center of Excellence (in this section referred to as
10 the “Center”) to—

11 (1) enhance the ability of military forces and ci-
12 vilian personnel of the countries participating in the
13 Center to engage in joint strategic communications
14 exercises or coalition or international military oper-
15 ations; and

16 (2) improve interoperability between the armed
17 forces and the military forces of friendly foreign na-
18 tions in the areas of strategic communications.

19 (b) **CERTIFICATION.**—Not later than 180 days after
20 the date of the enactment of this Act, the Secretary of
21 Defense shall certify to the Committees on Armed Services
22 of the House of Representatives and the Senate that the
23 Secretary has assigned executive agent responsibility for
24 the Center to an appropriate organization within the De-
25 partment of Defense, and detail the steps being under-

1 taken to strengthen the role of the Center in fostering
2 strategic communications and information operations
3 within NATO.

4 (c) BRIEFING REQUIREMENT.—The Secretary of De-
5 fense shall periodically brief the Committee on Armed
6 Services and the Committee on Foreign Relations of the
7 Senate and the Committee on Armed Services and the
8 Committee on Foreign Affairs of the House of Representa-
9 tives on the efforts of the Department of Defense to
10 strengthen the role of the Center in fostering strategic
11 communications and information operations within
12 NATO.

13 **SEC. 1204. NATO COOPERATIVE CYBER DEFENSE CENTER**
14 **OF EXCELLENCE.**

15 (a) AUTHORIZATION.—The Secretary of Defense
16 shall provide funds for the NATO Cooperative Cyber De-
17 fense Center of Excellence (in this section referred to as
18 the “Center”) to—

- 19 (1) enhance the ability of military forces and ci-
20 vilian personnel of the countries participating in the
21 Center to engage in joint cyber exercises or coalition
22 or international military operations; and
- 23 (2) improve interoperability between the armed
24 forces and the military forces of friendly foreign
25 countries in the areas of cyber and cybersecurity.

1 (b) CERTIFICATION.—Not later than 180 days after
2 the date of the enactment of this Act, the Secretary of
3 Defense shall certify to the Committees on Armed Services
4 of the House of Representatives and the Senate that the
5 Secretary has assigned executive agent responsibilities for
6 the Center to an appropriate organization within the De-
7 partment of Defense, and detail the steps being under-
8 taken to strengthen the role of the Center in fostering
9 cyber defense and cyber warfare capabilities within
10 NATO.

11 (c) BRIEFING REQUIREMENT.—The Secretary of De-
12 fense shall periodically brief the Committee on Armed
13 Services and the Committee on Foreign Relations of the
14 Senate and the Committee on Armed Services and the
15 Committee on Foreign Affairs of the House of Representa-
16 tives on the efforts of the Department of Defense to
17 strengthen the role of the Center in fostering cyber de-
18 fense and cyber warfare capabilities within NATO.

19 **SEC. 1205. PARTICIPATION IN AND SUPPORT OF THE**
20 **INTER-AMERICAN DEFENSE COLLEGE.**

21 (a) IN GENERAL.—Subchapter V of chapter 16 of
22 title 10, United States Code, is amended by adding at the
23 end the following new section:

1 **“§ 351. Inter-American Defense College**

2 “(a) AUTHORITY TO SUPPORT.—The Secretary of
3 Defense may authorize members of the armed forces and
4 civilian personnel of the Department of Defense to partici-
5 pate in the operation of and the provision of support to
6 the Inter-American Defense College and provide logistic
7 support, supplies, and services to the Inter-American De-
8 fense College, including the use of Department of Defense
9 facilities and equipment, as the Secretary considers nec-
10 essary to—

11 “(1) assist the Inter-American Defense College
12 in its mission to develop and offer to military offi-
13 cers and civilian officials from member states of the
14 Organization of American States advanced academic
15 courses on matters related to military and defense
16 issues, the inter-American system, and related dis-
17 ciplines; and

18 “(2) ensure that the Inter-American Defense
19 College provides an academic program of a level of
20 quality, rigor, and credibility that is commensurate
21 with the standards of Department of Defense senior
22 service colleges and that includes the promotion of
23 security cooperation, human rights, humanitarian
24 assistance and disaster response, peacekeeping, and
25 democracy in the Western Hemisphere.

1 “(b) MEMORANDUM OF UNDERSTANDING.—(1) The
2 Secretary of Defense, with the concurrence of the Sec-
3 retary of State, shall enter into a memorandum of under-
4 standing with the Inter-American Defense Board for the
5 participation of members of the armed forces and civilian
6 personnel of the Department of Defense in the operation
7 of and provision of host nation support to the Inter-Amer-
8 ican Defense College under subsection (a).

9 “(2) If Department of Defense facilities, equip-
10 ment, or funds will be used to support the Inter-
11 American Defense College under subsection (a), a
12 memorandum of understanding entered into under
13 paragraph (1) shall include a description of any
14 cost-sharing arrangement or other funding arrange-
15 ment relating to the use of such facilities, equip-
16 ment, or funds.

17 “(3) A memorandum of understanding entered
18 into under paragraph (1) shall also include a cur-
19 riculum and a plan for academic program develop-
20 ment.

21 “(c) USE OF FUNDS.—(1) Funds appropriated to the
22 Department of Defense for operation and maintenance
23 may be used to pay costs that the Secretary determines
24 are necessary for the participation of members of the
25 armed forces and civilian personnel of the Department of

1 Defense in the operation of and provision of host nation
2 support to the Inter-American Defense College, includ-
3 ing—

4 “(A) the costs of expenses of such partici-
5 pants;

6 “(B) the cost of hiring and retaining quali-
7 fied professors, instructors, and lecturers;

8 “(C) curriculum support costs, including
9 administrative costs, academic outreach, and
10 curriculum support personnel;

11 “(D) the cost of translation and interpreta-
12 tion services;

13 “(E) the cost of information and edu-
14 cational technology;

15 “(F) the cost of utilities; and

16 “(G) the cost of maintenance and repair of
17 facilities.

18 “(2) No funds may be used under this section
19 to provide for the pay of members of the armed
20 forces or civilian personnel of the Department of De-
21 fense who participate in the operation of and the
22 provision of host nation support to the Inter-Amer-
23 ican Defense College under this section.

1 “(3) Funds available to carry out this section
2 for a fiscal year may be used for activities that begin
3 in such fiscal year and end in the next fiscal year.

4 “(d) WAIVER OF REIMBURSEMENT.—The Secretary
5 of Defense may waive reimbursement for developing coun-
6 tries (as such term is defined in section 301 of this title)
7 of the costs of funding and other host nation support pro-
8 vided to the Inter-American Defense College under this
9 section if the Secretary determines that the provision of
10 such funding or support without reimbursement is in the
11 national security interest of the United States.

12 “(e) LOGISTIC SUPPORT, SUPPLIES, AND SERVICES
13 DEFINED.—In this section, the term ‘logistic support,
14 supplies, and services’ has the meaning given that term
15 in section 2350 of this title.”.

16 (b) CLERICAL AMENDMENT.—The table of sections
17 at the beginning of subchapter V of chapter 16 of such
18 title is amended by adding at the end the following new
19 item:

“Sec. 351. Inter-American Defense College.”.

20 **SEC. 1206. INCREASE IN COST LIMITATION FOR SMALL**
21 **SCALE CONSTRUCTION RELATED TO SECU-**
22 **RITY COOPERATION.**

23 Section 301(8) of title 10, United States Code, is
24 amended by striking “\$750,000” and inserting
25 “\$2,000,000”.

1 **SEC. 1207. REPORT ON SECURITY COOPERATION WITH**
2 **HAITI.**

3 Not later than 90 days after the date of the enact-
4 ment of this Act, and every 180 days thereafter for 3
5 years, the Secretary of Defense, with the concurrence of
6 the Secretary of State, shall submit to the appropriate
7 committees of Congress (as such term is defined in section
8 301 of title 10, United States Code) a report on coopera-
9 tion between the Department of Defense and the Govern-
10 ment of Haiti.

11 **SEC. 1208. REVIEW AND REPORT ON PROCESSES AND PRO-**
12 **CEDURES USED TO CARRY OUT SECTION 362**
13 **OF TITLE 10, UNITED STATES CODE.**

14 (a) REVIEW.—The Secretary of Defense, with the
15 concurrence of the Secretary of State, shall conduct a re-
16 view of the processes and procedures used to carry out
17 section 362 of title 10, United States Code.

18 (b) REPORT.—

19 (1) IN GENERAL.—Not later than 180 days
20 after the date of the enactment of this Act, the Sec-
21 retary of Defense, with the concurrence of the Sec-
22 retary of State, shall submit to the appropriate con-
23 gressional committees a report that contains a sum-
24 mary and evaluation of the review required by sub-
25 section (a).

1 (2) MATTERS TO BE INCLUDED.—The report
2 required by this subsection shall include the fol-
3 lowing:

4 (A) A description of the procedures used to
5 obtain and verify information regarding the vet-
6 ting of partner units for gross violation of
7 human rights required under section 362 of
8 title 10, United States Code.

9 (B) A description of the procedures re-
10 quired under subsection (d) of such section 362.

11 (C) A description of the procedures used to
12 conduct remediation of units for determined or
13 alleged of gross violation of human rights.

14 (D) A list of units completing the process
15 of remediation for gross violation of human
16 rights as described in subparagraph (C).

17 (E) A summary of reports submitted to
18 Congress as required under subsection (e) of
19 such section 362.

20 (F) An analysis of the impact of such sec-
21 tion 362 to achieving the objectives of the Na-
22 tional Defense Strategy.

23 (G) A description of the processes and pro-
24 cedures used to implement section 1206 of the
25 Carl Levin and Howard P. “Buck” McKeon

1 National Defense Authorization Act for Fiscal
2 Year 2015 (Public Law 113–291; 128 Stat.
3 3538), to include the process of obtaining the
4 concurrence of the Secretary of State, as re-
5 quired under subsection (c)(1) of such section.

6 (H) Recommendations to revise authorities
7 to improve the processes and procedures related
8 to the vetting of foreign partner units for gross
9 violations of human rights.

10 (I) Any other matters the Secretary con-
11 siders appropriate.

12 (3) FORM.—The report required by this sub-
13 section shall be submitted in unclassified form but
14 may include a classified annex.

15 (4) DEFINITION.—In this subsection, the term
16 “appropriate congressional committees” means—

17 (A) the congressional defense committees;
18 and

19 (B) the Committee on Foreign Relations of
20 the Senate and the Committee on Foreign Af-
21 fairs of the House of Representatives.

22 (c) AMENDMENTS TO EXISTING LAW.—(1) Para-
23 graph (1) of section 362(a) of title 10, United States
24 Code, is amended in paragraph (1), by striking “none may
25 be used for any training, equipment, or other assistance”

1 and inserting “none may be used for any training, defense
2 articles, or defense services”.

3 (2) Subsection (b)(3) of section 1206 of the Carl
4 Levin and Howard P. “Buck” McKeon National Defense
5 Authorization Act for Fiscal Year 2015 (Public Law 113–
6 291; 10 U.S.C. 2282 note) is amended by striking “sub-
7 section (b) of section 2249e of title 10, United States Code
8 (as added by section 1204(a) of this Act)” and inserting
9 “subsection (b) of section 362 of title 10, United States
10 Code”.

11 **Subtitle B—Matters Relating to** 12 **Afghanistan and Pakistan**

13 **SEC. 1211. EXTENSION OF AUTHORITY TO TRANSFER DE-** 14 **FENSE ARTICLES AND PROVIDE DEFENSE** 15 **SERVICES TO THE MILITARY AND SECURITY** 16 **FORCES OF AFGHANISTAN.**

17 (a) EXTENSION OF EXPIRATION.—Subsection (h) of
18 section 1222 of the National Defense Authorization Act
19 for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
20 1992), as most recently amended by section 1211 of the
21 National Defense Authorization Act for Fiscal Year 2018
22 (Public Law 115–91; 131 Stat. 1648), is further amended
23 by striking “December 31, 2018” and inserting “Decem-
24 ber 31, 2020”.

1 (b) EXCESS DEFENSE ARTICLES.—Subsection (i)(2)
2 of such section 1222, as so amended, is further amended
3 by striking “December 31, 2018,” each place it appears
4 and inserting “December 31, 2020”.

5 **SEC. 1212. EXTENSION OF AUTHORITY FOR REIMBURSE-**
6 **MENT OF CERTAIN COALITION NATIONS FOR**
7 **SUPPORT PROVIDED TO UNITED STATES**
8 **MILITARY OPERATIONS.**

9 (a) EXTENSION OF AUTHORITY.—Subsection (a) of
10 section 1233 of the National Defense Authorization Act
11 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
12 393), as most recently amended by section 1212 of the
13 National Defense Authorization Act for Fiscal Year 2018
14 (Public Law 115–91; 131 Stat. 1648), is further amended
15 by striking “the period beginning on October 1, 2017, and
16 ending on December 31, 2018” and inserting “the period
17 beginning on October 1, 2018, and ending on December
18 31, 2019”.

19 (b) EXTENSION OF LIMITATIONS.—Subsection (d)(1)
20 of such section 1233, as so amended, is further amend-
21 ed—

22 (1) in the first sentence, by striking “the period
23 beginning on October 1, 2017, and ending on De-
24 cember 31, 2018” and inserting “the period begin-

1 ning on October 1, 2018, and ending on December
2 31, 2019”; and

3 (2) in the second sentence, by striking “to
4 Pakistan during” and all that follows through “De-
5 cember 31, 2018” and inserting “to Pakistan during
6 the period beginning on October 1, 2018, and ending
7 on December 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)
13 of the National Defense Authorization Act for Fiscal
14 Year 2008 (122 Stat. 393), as most recently amend-
15 ed by section 1212(d) of the National Defense Au-
16 thorization Act for Fiscal Year 2018, is further
17 amended by striking “December 31, 2018” and in-
18 serting “December 31, 2019”.

19 (2) EXTENSION OF LIMITATION ON REIMBURSE-
20 MENT OF PAKISTAN PENDING CERTIFICATION ON
21 PAKISTAN.—Section 1227(d)(1) of the National De-
22 fense Authorization Act for Fiscal Year 2013 (Pub-
23 lic Law 112–239; 126 Stat. 2001), as most recently
24 amended by section 1212(e) of the National Defense
25 Authorization Act for Fiscal Year 2018, is further

1 amended by striking “for any period prior to Decem-
2 ber 31, 2018” and inserting “for any period prior to
3 December 31, 2019”.

4 (3) ADDITIONAL LIMITATION ON REIMBURSE-
5 MENT OF PAKISTAN PENDING CERTIFICATION ON
6 PAKISTAN.—Of the total amount of reimbursements
7 and support authorized for Pakistan during fiscal
8 year 2019 pursuant to the second sentence of sec-
9 tion 1233(d)(1) of the National Defense Authoriza-
10 tion Act for Fiscal Year 2008 (as amended by sub-
11 section (b)(2)), \$350,000,000 shall not be eligible
12 for the waiver under section 1227(d)(2) of the Na-
13 tional Defense Authorization Act for Fiscal Year
14 2013 (126 Stat. 2001) unless the Secretary of De-
15 fense certifies to the congressional defense commit-
16 tees that—

17 (A) Pakistan continues to conduct military
18 operations that are contributing to significantly
19 disrupting the safe havens, fundraising and re-
20 cruiting efforts, and freedom of movement of
21 the Haqqani Network in Pakistan;

22 (B) Pakistan has taken steps to dem-
23 onstrate its commitment to prevent the
24 Haqqani Network from using any Pakistan ter-

1 ritory as a safe haven and for fundraising and
2 recruiting efforts;

3 (C) the Government of Pakistan is making
4 an attempt to actively coordinate with the Gov-
5 ernment of Afghanistan to restrict the move-
6 ment of militants, such as the Haqqani Net-
7 work, along the Afghanistan-Pakistan border;
8 and

9 (D) Pakistan has shown progress in arrest-
10 ing and prosecuting senior leaders and mid-level
11 operatives of the Haqqani Network.

12 **SEC. 1213. EXTENSION AND MODIFICATION OF COM-**
13 **MANDERS' EMERGENCY RESPONSE PRO-**
14 **GRAM.**

15 (a) EXTENSION.—Section 1201 of the National De-
16 fense Authorization Act for Fiscal Year 2012 (Public Law
17 112–81; 125 Stat. 1619), as most recently amended by
18 section 1211 of the National Defense Authorization Act
19 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
20 2477), is further amended—

21 (1) in subsection (a), by striking “December
22 31, 2018” and inserting “December 31, 2020”;

23 (2) in subsection (b), by striking “fiscal year
24 2017 and fiscal year 2018” and inserting “fiscal
25 years 2017 through 2020”; and

1 (3) in subsection (f), by striking “December 31,
2 2018” and inserting “December 31, 2020”.

3 (b) MODIFICATION.—Subsection (b) of section 1211
4 of the National Defense Authorization Act for Fiscal Year
5 2017 (Public Law 114–328; 130 Stat. 2477) is amend-
6 ed—

7 (1) in the heading, by striking “AND SYRIA”
8 and inserting “SYRIA, SOMALIA, LIBYA, AND
9 YEMEN”; and

10 (2) in paragraph (1), by striking “or Syria”
11 and inserting “Syria, Somalia, Libya, or Yemen”.

12 **SEC. 1214. REPORT ON ASSISTANCE TO PAKISTAN.**

13 Not later than 90 days after the date of the enact-
14 ment of this Act, the Secretary of Defense shall submit
15 to the congressional defense committees an unclassified re-
16 port, which may include a classified annex, describing the
17 manner in which the Department of Defense provides as-
18 sistance to the Government of Pakistan.

19 **Subtitle C—Matters Relating to**
20 **Syria, Iraq, and Iran**

21 **SEC. 1221. EXTENSION AND MODIFICATION OF AUTHORITY**
22 **TO PROVIDE ASSISTANCE TO COUNTER THE**
23 **ISLAMIC STATE OF IRAQ AND SYRIA.**

24 (a) AUTHORITY.—Subsection (a) of section 1236 of
25 the Carl Levin and Howard P. “Buck” McKeon National

1 Defense Authorization Act for Fiscal Year 2015 (Public
2 Law 113–291; 128 Stat. 3559), as most recently amended
3 by section 1222 of the National Defense Authorization Act
4 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
5 1690), is further amended by striking “December 31,
6 2019” and inserting “December 31, 2020”.

7 (b) FUNDING.—Subsection (g) of such section, as so
8 amended, is further amended—

9 (1) by striking “fiscal year 2018” and inserting
10 “fiscal year 2019”; and

11 (2) by striking “\$1,269,000,000” and inserting
12 “\$850,000,000”.

13 **SEC. 1222. EXTENSION OF AUTHORITY TO PROVIDE ASSIST-**
14 **ANCE TO THE VETTED SYRIAN OPPOSITION.**

15 (a) IN GENERAL.—Subsection (a) of section 1209 of
16 the Carl Levin and Howard P. “Buck” McKeon National
17 Defense Authorization Act for Fiscal Year 2015 (Public
18 Law 113–291; 128 Stat. 3541), as most recently amended
19 by section 1223 of the National Defense Authorization Act
20 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
21 1653), is further amended by striking “December 31,
22 2018” and inserting “December 31, 2019”.

23 (b) REPROGRAMMING REQUIREMENT.—

24 (1) IN GENERAL.—Subsection (f) of such sec-
25 tion 1209, as most recently amended by section

1 1221 of the National Defense Authorization Act for
2 Fiscal Year 2017 (Public Law 114–328; 130 Stat.
3 2485), is further amended by striking “December
4 31, 2018” and inserting “December 31, 2019”.

5 (2) LIMITATION ON THE USE OF FUNDS.—Be-
6 ginning on the date of the enactment of this section,
7 no funds may be requested to be reprogrammed pur-
8 suant to such subsection (f), as amended by para-
9 graph (1), until the date that is 30 days after the
10 date on which the President submits to the congres-
11 sional defense committees a plan that includes the
12 following:

13 (A) A description of the efforts the United
14 States will undertake to train and build appro-
15 priately vetted Syrian opposition forces.

16 (B) An assessment of the nature of the
17 forces receiving such assistance, including the
18 origins and affiliations of such forces and any
19 previous history of collaboration with the Syrian
20 Democratic Forces.

21 (C) An assessment of the current oper-
22 ational effectiveness of such forces.

23 (D) The conditions to be met for a deter-
24 mination that ISIS has been adequately neu-
25 tralized.

1 (E) A description of the roles and con-
2 tributions of partner countries to such assist-
3 ance, if any.

4 (F) The concept of operations, timelines,
5 and types of training, equipment, stipends,
6 sustainment, and supplies to be provided by the
7 United States, including measures for end-use
8 accountability with respect to resources, equip-
9 ment, and supplies after the resources, equip-
10 ment, and supplies are provided to such forces.

11 (G) A description of the force posture and
12 roles of the United States Armed Forces in-
13 volved in providing such assistance.

14 (3) FORM.—The plan described in paragraph
15 (2) shall be submitted in unclassified form but may
16 include a classified annex.

17 **SEC. 1223. EXTENSION AND MODIFICATION OF AUTHORITY**
18 **TO SUPPORT OPERATIONS AND ACTIVITIES**
19 **OF THE OFFICE OF SECURITY COOPERATION**
20 **IN IRAQ.**

21 (a) EXTENSION OF AUTHORITY.—Subsection (f)(1)
22 of section 1215 of the National Defense Authorization Act
23 for Fiscal Year 2012 (Public Law 112–81; 125 Stat.
24 1631; 10 U.S.C. 113 note), as most recently amended by
25 section 1224 of the National Defense Authorization Act

1 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
2 1654), is further amended by striking “fiscal year 2018”
3 and inserting “fiscal year 2019”.

4 (b) LIMITATION ON AMOUNT.—Subsection (c) of
5 such section is amended—

6 (1) by striking “fiscal year 2018” and inserting
7 “fiscal year 2019” ; and

8 (2) by striking “\$42,000,000” and inserting
9 “\$45,000,000”.

10 (c) SOURCE OF FUNDS.—Subsection (d) of such sec-
11 tion is amended by striking “fiscal year 2018” and insert-
12 ing “fiscal year 2019”.

13 **SEC. 1224. SENSE OF CONGRESS ON BALLISTIC MISSILE CO-**
14 **OPERATION TO COUNTER IRAN.**

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

16 (1) At the 2014 Strategic Cooperation Forum
17 in New York of the Gulf Cooperation Council, the
18 Foreign Ministers of member countries agreed in a
19 Joint Communique to “[e]nhance GCC-US security
20 coordination, particularly on Ballistic Missile De-
21 fense, by continuing to move forward on develop-
22 ment of a Gulf-Wide, interoperable missile defense
23 architecture.”.

24 (2) At the 2015 Strategic Cooperation Forum
25 in New York, the Foreign Ministers issued a Joint

1 Communique that “reaffirmed commitment
2 to . . . establishing a GCC interoperable ballistic mis-
3 sile defense architecture”.

4 (3) The White House Office of the Press Sec-
5 retary released a statement on May 14, 2015, that
6 at the 2015 United States—GCC Summit at Camp
7 David, “leaders discussed a new U.S.-GCC strategic
8 partnership to enhance their work to improve secu-
9 rity cooperation on . . . ballistic missile defense”.

10 (4) The White House Office of the Press Sec-
11 retary subsequently released a statement on April
12 21, 2016, that at the 2016 United States—GCC
13 Summit at Riyadh, “leaders affirmed need to remain
14 vigilant about addressing Iran’s destabilizing actions
15 in the region, including its ballistic missile pro-
16 gram”.

17 (b) SENSE OF CONGRESS.—It is the sense of Con-
18 gress that—

19 (1) member countries of the Gulf Cooperation
20 Council should take meaningful steps to develop and
21 implement an interoperable ballistic missile defense
22 architecture to defend against Iran’s ballistic missile
23 threat that emphasizes information sharing and in-
24 cludes early warning and tracking data, to enhance

1 the security of citizens, protect critical infrastruc-
2 ture, and deter Iran; and

3 (2) the United States should continue bilateral
4 and multilateral missile defense exercises in the re-
5 gion and, when practicable, increase the capacity of
6 United States partners through foreign military
7 sales.

8 **SEC. 1225. STRATEGY TO COUNTER DESTABILIZING ACTIVI-**
9 **TIES OF IRAN.**

10 (a) STRATEGY AUTHORIZED.—

11 (1) IN GENERAL.—The Secretary of Defense,
12 with the concurrence of the Secretary of State, is
13 authorized to develop and implement a strategy with
14 foreign partners to counter the destabilizing activi-
15 ties of Iran.

16 (2) ELEMENTS.—The strategy described in
17 paragraph (1)—

18 (A) should establish a cooperative frame-
19 work that includes—

20 (i) investing in intelligence, surveil-
21 lance, and reconnaissance platforms;

22 (ii) investing in mine countermeasures
23 resources and platforms;

24 (iii) investing in integrated air and
25 missile defense platforms and technologies;

- 1 (iv) sharing intelligence and data with
2 United States and such foreign countries;
3 (v) investing in cyber security and
4 cyber defense capabilities;
5 (vi) engaging in combined planning;
6 and
7 (vii) engaging in defense education,
8 institution building, doctrinal development,
9 and reform; and

10 (B) should provide for designation of a ci-
11 vilian or military officer or employee of the De-
12 partment of Defense and designation of a sen-
13 ior employee of the Department of State to im-
14 plement the cooperative framework described in
15 subparagraph (A).

16 (b) MULTILATERAL COORDINATION.—To enhance
17 cooperation and encourage military-to-military engage-
18 ment between the United States and foreign partners de-
19 scribed in subsection (a), the Secretary of Defense and
20 the Secretary of State should take appropriate actions to
21 ensure that exchanges between senior military officers and
22 senior civilian defense officials of the governments of such
23 foreign partners—

- 24 (1) are at a level appropriate to enhance en-
25 gagement between the militaries of such partners for

1 threat analysis, military doctrine, force planning,
2 mutual security interests, logistical support, and in-
3 telligence cooperation;

4 (2) enhance security cooperation, including
5 maritime security, special operations collaboration,
6 cyber cooperation, and integrated air and missile de-
7 fense and domain awareness, in the Middle East and
8 Southwest Asia regions; and

9 (3) accelerate the development of combined
10 military planning for missions to counter Iran that
11 may arise within the contours of shared national se-
12 curity interests.

13 (c) REPORT.—Not later than 180 days after the date
14 of the enactment of this Act, and annually thereafter
15 through December 31, 2021, the Secretary of Defense, in
16 consultation with the Secretary of State, should submit
17 to the congressional defense committees and the Com-
18 mittee on Foreign Relations of the Senate and the Com-
19 mittee on Foreign Affairs of the House of Representatives
20 a report on—

21 (1) the strategy described in subsection (a), in-
22 cluding a description of contributions of foreign
23 partners to the strategy; and

24 (2) the actions taken under subsection (b).

1 **SEC. 1226. REPORT ON COMPLIANCE OF IRAN UNDER THE**
2 **CHEMICAL WEAPONS CONVENTION.**

3 (a) FINDING.—In the annual report submitted to
4 Congress in March 2018, consistent with condition
5 (10)(C) of the Resolution of Advice and Consent to Ratifi-
6 cation of the Convention on the Prohibition of the Devel-
7 opment, Production, Stockpiling and Use of Chemical
8 Weapons and on their Destruction (“Chemical Weapons
9 Convention”), entered into force on April 29, 1997, the
10 Secretary of State concluded that “(b)ased on available
11 information, the United States cannot certify Iran has met
12 its obligations under the Convention for declaration of: (1)
13 its chemical weapons production facility (CWPF); (2)
14 transfer of chemical weapons (CW); and (3) retention of
15 an undeclared CW stockpile”.

16 (b) REPORT REQUIRED.—Not later than February 1,
17 2019, the Secretary of Defense and the Secretary of State
18 shall submit to the appropriate congressional committees
19 a report assessing the extent to which Iran is complying
20 with its obligations under the Chemical Weapons Conven-
21 tion that includes the following:

22 (1) A description, assessment, and verification,
23 to the extent practicable, of any credible information
24 that Iran has assisted the Government of Syria in
25 committing actions that violate such treaty.

1 (2) A description of any dual-use technologies
2 that could advance Iran’s capability to produce
3 chemical weapons for offensive use.

4 (3) The implications of any activities or tech-
5 nologies described pursuant to paragraphs (1) and
6 (2) for Iran’s compliance with other international
7 obligations relating to nonproliferation.

8 (4) Any other matters the Secretaries deter-
9 mines to be relevant.

10 (c) FORM.—The report required under subsection (b)
11 shall be submitted in unclassified form but may include
12 a classified annex.

13 (d) APPROPRIATE CONGRESSIONAL COMMITTEES.—
14 In this section, the term “appropriate congressional com-
15 mittees” means the Committee on Armed Services and the
16 Committee on Foreign Affairs of the House of Representa-
17 tives.

18 **SEC. 1227. REPORT ON POTENTIAL RELEASE OF CHEMICAL**
19 **WEAPONS OR CHEMICAL WEAPONS PRECUR-**
20 **SORS FROM BARZEH RESEARCH AND DEVEL-**
21 **OPMENT CENTER AND HIM SHINSHAR CHEM-**
22 **ICAL WEAPONS STORAGE AND BUNKER FA-**
23 **CILITIES IN HOMS PROVINCE OF SYRIA.**

24 (a) IN GENERAL.—Not later than 30 days after the
25 date of the enactment of this Act, the Secretary of Defense

1 shall submit to the congressional defense committees a re-
2 port that contains a review and analysis of the potential
3 for release of chemical weapons or chemical weapons pre-
4 cursors from the Barzeh Research and Development Cen-
5 ter and the Him Shinshar chemical weapons storage and
6 bunker facilities in Homs province of Syria that were tar-
7 gets of strikes by the United States and partner forces
8 on April 13, 2018.

9 (b) REQUIREMENTS RELATING TO REVIEW AND
10 ANALYSIS.—The review and analysis described in sub-
11 section (a) shall include the following:

12 (1) The methodology the Secretary of Defense
13 used prior to such strikes to determine the likelihood
14 of a release of chemical weapons or chemical weap-
15 ons precursors affecting local residents.

16 (2) The methodology the Secretary of Defense
17 used prior to such strikes to determine the potential
18 for chemical agents to enter into the aquifer, air,
19 soil, or other aspects of the environment.

20 (c) FORM.—The report required under this section
21 shall be submitted in unclassified form, but may contain
22 a classified annex.

1 **SEC. 1228. REPORT ON COOPERATION BETWEEN IRAN AND**
2 **THE RUSSIAN FEDERATION.**

3 (a) **REPORT REQUIRED.**—Not later than 120 days
4 after the date of the enactment of this Act, and annually
5 thereafter for 5 years, the President shall transmit to the
6 appropriate congressional committees a report on coopera-
7 tion between Iran and the Russian Federation and the ex-
8 tent to which such cooperation affects United States na-
9 tional security and strategic interests, particularly with re-
10 spect to Syria.

11 (b) **MATTERS TO BE INCLUDED.**—The report re-
12 quired by subsection (a) shall include the following: —

13 (1) A detailed description of Iranian-Russian
14 cooperation on matters relating to Syria, including
15 the following:

16 (A) Mutual defense assistance to the Assad
17 regime.

18 (B) Establishment of forward operating
19 bases in Syria.

20 (C) Deployment of air defense systems.

21 (D) Assistance to Assad’s chemical weap-
22 ons program, including research, development,
23 and deployment of such weapons.

24 (2) A detailed description of Iranian-Russian
25 cooperation on matters relating to Iran’s space pro-
26 gram, including how and to what extent such co-

1 operation strengthens Iran's ballistic missile pro-
2 gram.

3 (3) A description and analysis of the intel-
4 ligence-sharing center established by Iran, Russia,
5 and Syria in Baghdad, Iraq, and whether such cen-
6 ter is being used for purposes other than the pur-
7 poses of the joint mission of such countries in Syria.

8 (4) A description and analysis of—

9 (A) naval cooperation between Iran and
10 Russia, including joint naval exercises between
11 the two countries; and

12 (B) the long-term consequences of—

13 (i) a robust Russian naval presence in
14 the Eastern Mediterranean;

15 (ii) an Iranian naval presence in the
16 Persian Gulf; and

17 (iii) Iranian and Russian naval
18 strength in the Caspian Sea.

19 (5) A description of nuclear cooperation be-
20 tween Iran and Russia, both with respect to the
21 Joint Comprehensive Plan of Action and outside of
22 the parameters of such nuclear agreement with Iran.

23 (6) The likelihood that Iran might adopt the
24 Russian model of hybrid warfare.

1 (7) The extent of Russian cooperation with
2 Hezbollah in Syria, Lebanon, and Iraq, including co-
3 operation with respect to training, equipping, and
4 joint operations.

5 (c) FORM.—Each report required by subsection (a)
6 shall be submitted in unclassified form, but may contain
7 a classified annex.

8 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
9 DEFINED.—In this section, the term “appropriate con-
10 gressional committees” means—

11 (1) the congressional defense committees; and

12 (2) the Committee on Foreign Relations of the
13 Senate and the Committee on Foreign Affairs of the
14 House of Representatives.

15 **Subtitle D—Matters Relating to the** 16 **Russian Federation**

17 **SEC. 1231. PROHIBITION ON AVAILABILITY OF FUNDS RE-** 18 **LATING TO SOVEREIGNTY OF THE RUSSIAN** 19 **FEDERATION OVER CRIMEA.**

20 (a) PROHIBITION.—None of the funds authorized to
21 be appropriated by this Act or otherwise made available
22 for fiscal year 2019 for the Department of Defense may
23 be obligated or expended to implement any activity that
24 recognizes the sovereignty of the Russian Federation over
25 Crimea.

1 (b) WAIVER.—The Secretary of Defense, with the
2 concurrence of the Secretary of State, may waive the re-
3 striction on the obligation or expenditure of funds required
4 by subsection (a) if the Secretary—

5 (1) determines that to do so is in the national
6 security interest of the United States; and

7 (2) submits a notification of the waiver, at the
8 time the waiver is invoked, to the Committee on
9 Armed Services and the Committee on Foreign Rela-
10 tions of the Senate and the Committee on Armed
11 Services and the Committee on Foreign Affairs of
12 the House of Representatives.

13 **SEC. 1232. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**
14 **ING TO IMPLEMENTATION OF THE OPEN**
15 **SKIES TREATY.**

16 (a) PROHIBITION ON ACTIVITIES TO MODIFY
17 UNITED STATES AIRCRAFT.—

18 (1) IN GENERAL.—None of the funds author-
19 ized to be appropriated by this Act or otherwise
20 made available for fiscal year 2019 for research, de-
21 velopment, test, and evaluation, Air Force, for arms
22 control implementation (PE 0305145F), Aircraft
23 Procurement, Air Force (line item C135B0/C-
24 135B), or procurement, Air Force, for digital visual
25 imaging system (BA-05, Line Item #1900) may be

1 obligated or expended to carry out any activities to
2 modify any United States aircraft for purposes of
3 implementing the Open Skies Treaty until the Presi-
4 dent submits to the appropriate congressional com-
5 mittees the certification described in paragraph (2).

6 (2) CERTIFICATION.—

7 (A) IN GENERAL.—The certification de-
8 scribed in this paragraph is a certification of
9 the President that—

10 (i) the President has imposed treaty
11 violations responses and legal counter-
12 measures on the Russian Federation for its
13 violations of the Open Skies Treaty; and

14 (ii) the President has fully informed
15 the appropriate congressional committees
16 of such responses and countermeasures.

17 (B) DELEGATION.—The President may
18 delegate the responsibility for making a certifi-
19 cation under subparagraph (A) to the Secretary
20 of the State.

21 (3) APPROPRIATE CONGRESSIONAL COMMIT-
22 TEES DEFINED.—In this subsection, the term “ap-
23 propriate congressional committees” 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 Af-
3 fairs of the House of Representatives.

4 (b) LIMITATION ON USE OF FUNDS TO VOTE OR AP-
5 PROVE CERTAIN IMPLEMENTING DECISIONS OF THE
6 OPEN SKIES CONSULTATIVE COMMISSION.—

7 (1) IN GENERAL.—None of the funds author-
8 ized to be appropriated or otherwise made available
9 by this Act or any other Act for fiscal year 2019
10 may be used to vote to approve or otherwise adopt
11 any implementing decision of the Open Skies Con-
12 sultative Commission pursuant to Article X of the
13 Open Skies Treaty to authorize approval of requests
14 by state parties to the Treaty to certify infra-red or
15 synthetic aperture radar sensors pursuant to Article
16 IV of the Treaty unless and until the following re-
17 quirements are met:

18 (A) The Secretary of Defense, jointly with
19 the relevant United States Government officials,
20 submits to the appropriate congressional com-
21 mittees the following:

22 (i) A certification that the imple-
23 menting decision would not be detrimental
24 or otherwise harmful to the national secu-
25 rity of the United States.

1 (ii) A report on the Open Skies Trea-
2 ty that includes the following:

3 (I) The annual costs to the
4 United States associated with counter-
5 measures to mitigate potential abuses
6 of observation flights by the Russian
7 Federation carried out under the
8 Treaty over European and United
9 States territories involving infra-red
10 or synthetic aperture radar sensors.

11 (II) A plan, and its estimated
12 comparative cost, to replace the Trea-
13 ty architecture with an increased
14 sharing of overhead commercial im-
15 agery, consistent with United States
16 national security, with covered state
17 parties, excluding the Russian Federa-
18 tion.

19 (III) An evaluation by the Direc-
20 tor of National Intelligence of matters
21 concerning how an observation flight
22 described in clause (i) could implicate
23 intelligence activities of the Russian
24 Federation in the United States and

1 United States counterintelligence ac-
2 tivities and vulnerabilities.

3 (IV) An assessment of how such
4 information is used by the Russian
5 Federation, for what purpose, and
6 how the information fits into the Rus-
7 sian Federation's overall collection
8 posture.

9 (B) Not later than 90 days before the date
10 on which the United States votes to approve or
11 otherwise adopt any such implementing deci-
12 sion, the President shall submit to the appro-
13 priate congressional committees a certification
14 that—

15 (i) the Russian Federation—

16 (I) is in complete compliance
17 with its obligations under the Open
18 Skies Treaty;

19 (II) is not exceeding the imagery
20 limits set forth in the Treaty; and

21 (III) is allowing observation
22 flights by covered state parties over
23 all of Moscow, Chechnya, Kaliningrad,
24 and within 10 kilometers of its border
25 with Georgia's occupied territories of

1 Abkhazia and South Ossetia without
2 restriction and without inconsistency
3 to requirements under the Treaty;

4 (ii) covered state parties have been
5 notified and briefed on concerns of the in-
6 telligence community (as defined in section
7 3 of the National Security Act of 1947 (50
8 U.S.C. 3003)) regarding infra-red or syn-
9 thetic aperture radar sensors used under
10 the Open Skies Treaty; and

11 (iii) the Russian Federation has
12 agreed to—

13 (I) extradite the 13 Russian citi-
14 zens indicted on February 16, 2018,
15 by the Department of Justice for un-
16 dertaking unlawful activities against
17 the United States;

18 (II) remove illegally stationed
19 Russian troops and materiel from
20 Ukraine's autonomous Republic of
21 Crimea and the city of Sevastopol;

22 (III) cease all material financial
23 support for Russian proxies in East-
24 ern Ukraine; and

1 (IV) cease all military or finan-
2 cial support to any state that uses or
3 has used against its own civilian pop-
4 ulation any agent or substance banned
5 by the Chemical Weapons Convention.

6 (2) WAIVER.—

7 (A) IN GENERAL.—The President may
8 waive the application of paragraph (1) if the
9 President determines that—

10 (i) the waiver is in the national secu-
11 rity of the United States; and

12 (ii) the Russian Federation has taken
13 clear and verifiable action to return to full
14 and complete compliance with the Open
15 Skies Treaty.

16 (B) LIMITATION ON DELEGATION.—The
17 authority of the President under subparagraph
18 (A) to waive the application of paragraph (1)
19 may not be delegated.

20 (3) OPERATION OF OC-135 AIRCRAFT.—

21 (A) IN GENERAL.—It is the sense of Con-
22 gress that—

23 (i) the United States continues to con-
24 duct observation flights under the Open

1 Skies Treaty using OC-135 aircraft, a fleet
2 now in its 57th year of service; and

3 (ii) advances in commercial surveil-
4 lance technology have surpassed the value
5 of aerial observation under the terms of
6 the Open Skies Treaty and brings into
7 questions the continued use of the OC-135
8 fleet for this purpose.

9 (B) REPORT.—

10 (i) IN GENERAL.—Not later than Jan-
11 uary 31, 2019, the Secretary of Defense
12 shall submit to the appropriate congres-
13 sional committees a report on the state of
14 United States OC-135 aircraft with respect
15 to airworthiness, safety of flight, and
16 maintenance reliability. The report shall
17 also include a recommendation as to the
18 prospective date of retirement of the OC-
19 135 fleet.

20 (ii) DEFINITION.—In this subpara-
21 graph, the term “appropriate congressional
22 committees” means—

23 (I) the congressional defense
24 committees; and

1 (II) the Committee on Foreign
2 Relations of the Senate and the Com-
3 mittee on Foreign Affairs of the
4 House of Representatives.

5 (C) SUSPENSION OF OPERATION OF OC-135
6 AIRCRAFT.—The Secretary of Defense is au-
7 thorized to cease operation of United States
8 OC-135 aircraft under the Open Skies Treaty if
9 continued operation of these aircraft would im-
10 pose undue risk to personnel or excessive cost.

11 (c) FORM.—Each certification and report required
12 under this section shall be submitted in unclassified form,
13 but may contain a classified annex if necessary.

14 (d) DEFINITIONS.—Except as otherwise provided, in
15 this section:

16 (1) APPROPRIATE CONGRESSIONAL COMMIT-
17 TEES.—The term “appropriate congressional com-
18 mittees” means—

19 (A) the Committee on Armed Services, the
20 Committee on Foreign Relations, and the Select
21 Committee on Intelligence of the Senate; and

22 (B) the Committee on Armed Services, the
23 Committee on Foreign Affairs, and the Perma-
24 nent Select Committee on Intelligence of the
25 House of Representatives.

1 (2) CHEMICAL WEAPONS CONVENTION.—The
2 term “Chemical Weapons Convention” means the
3 Convention on the Prohibition of the Development,
4 Production, Stockpiling and Use of Chemical Weap-
5 ons and on Their Destruction, entered into force on
6 April 29, 1997.

7 (3) COVERED STATE PARTY.—The term “cov-
8 ered state party” means a foreign country that—

9 (A) is a state party to the Open Skies
10 Treaty; and

11 (B) is a United States ally.

12 (4) INFRA-RED OR SYNTHETIC APERTURE
13 RADAR SENSOR.—The term “infra-red or synthetic
14 aperture radar sensor” means a sensor that is classi-
15 fied as—

16 (A) an infra-red line-scanning device under
17 category C of paragraph 1 of Article IV of the
18 Open Skies Treaty; or

19 (B) a sideways-looking synthetic aperture
20 radar under category D of paragraph 1 of Arti-
21 cle IV of the Open Skies Treaty.

22 (5) OBSERVATION FLIGHT.—The term “obser-
23 vation flight” has the meaning given such term in
24 Article II of the Open Skies Treaty.

1 (6) OPEN SKIES TREATY; TREATY.—The term
2 “Open Skies Treaty” or “Treaty” means the Treaty
3 on Open Skies, done at Helsinki March 24, 1992,
4 and entered into force January 1, 2002.

5 (7) RELEVANT UNITED STATES GOVERNMENT
6 OFFICIALS.—The term “relevant United States Gov-
7 ernment officials” means the following:

8 (A) The Secretary of Energy.

9 (B) The Secretary of Homeland Security.

10 (C) The Director of the Federal Bureau of
11 Investigation.

12 (D) The Director of National Intelligence.

13 (E) The Commander of U.S. Strategic
14 Command and the Commander of U.S. North-
15 ern Command in the case of an observation
16 flight over the territory of the United States.

17 (F) The Commander of U.S. European
18 Command in the case of an observation flight
19 other than an observation flight described in
20 subparagraph (E).

21 (8) SENSOR.—The term “sensor” has the
22 meaning given such term in Article II of the Open
23 Skies Treaty.

1 **SEC. 1233. COMPREHENSIVE RESPONSE TO THE RUSSIAN**
2 **FEDERATION’S MATERIAL BREACH OF THE**
3 **INF TREATY.**

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

5 (1) James Mattis, Secretary of Defense, testi-
6 fied before the House Armed Services Committee on
7 March 22, 2018, that “we have very modest expecta-
8 tions that they [Russia] would return to [INF] com-
9 pliance. As a result, in the Nuclear Posture Review,
10 we are looking for a way, at the lowest possible cost,
11 to checkmate them and make it in their best interest
12 to return to compliance.”.

13 (2) The Honorable Daniel Coats, Director of
14 National Intelligence, testified before the Senate
15 Armed Services Committee on March 6, 2018, that
16 the Russian Federation is violating the INF Treaty
17 because “Moscow probably believes that the new
18 GLCM provides sufficient advantages that make it
19 worth the risk of violating the INF Treaty.”.

20 (3) General Hyten, Commander of the United
21 States Strategic Command, also testified before the
22 Senate Armed Services Committee on March 20,
23 2018, about potential strategic advantages for China
24 stemming from their lack of participation in the
25 INF Treaty by saying that “they do not have any
26 limitations in the INF [Treaty], and they have built

1 significant numbers of intermediate-range ballistic
2 missiles that if they were in the INF [Treaty], they
3 would be contrary to the treaty”.

4 (4) General Joseph Dunford, Chairman of the
5 Joint Chiefs of Staff, testified before the House
6 Armed Services Committee on April 12, 2018, that
7 “we’re not only looking for operational concepts and
8 ways to deal with the Russian violation, but we’re
9 also at least posturing ourselves to develop weapons
10 should they be required”. Secretary of Defense
11 Mattis also stated in that same hearing “our effort
12 will be matched at State Department by movement
13 on arms control and nonproliferation. There are two
14 thrusts to our nuclear strategy. . .and that’s why
15 those funds have been requested.”.

16 (b) STATEMENT OF POLICY.—It is the policy of the
17 United States as follows:

18 (1) The actions undertaken by the Russian
19 Federation in violation of the INF Treaty, including
20 the flight-test, production, and possession of prohib-
21 ited systems, have defeated the object and purpose
22 of the INF Treaty, and thus constitute a material
23 breach of the INF Treaty.

24 (2) In light of the Russian Federation’s mate-
25 rial breach of the INF Treaty, the United States is

1 legally entitled to suspend the operation of the INF
2 Treaty in whole or in part for so long as the Russian
3 Federation continues to be in material breach of the
4 INF Treaty.

5 (3) For so long as the Russian Federation re-
6 mains in noncompliance with the INF Treaty, the
7 United States should take actions to encourage the
8 Russian Federation to return to compliance with the
9 INF Treaty, including by—

10 (A) providing additional funds for the ca-
11 pabilities identified in section 1243(d) of the
12 National Defense Authorization Act for Fiscal
13 Year 2016 (Public Law 114–92; 129 Stat.
14 1062) and the Intermediate-Range Nuclear
15 Forces Treaty Preservation Act of 2017 (Public
16 Law 115–91; 131 Stat. 1671); and

17 (B) seeking additional missile defense as-
18 sets in the European theater needed to fill mili-
19 tary capability gaps to protect United States
20 and NATO forces from ground-launched missile
21 systems of the Russian Federation that are in
22 noncompliance with the INF Treaty.

23 (c) IMPOSITION OF ARMS CONTROL SANCTIONS.—

24 (1) IN GENERAL.—An amount equal to not less
25 than 25 percent of the amount authorized to be ap-

1 appropriated or otherwise made available to the De-
2 partment of Defense for fiscal year 2019 to provide
3 support services to the Executive Office of the Presi-
4 dent, other than support services that are required
5 for senior leader communications services, shall be
6 withheld from obligation or expenditure until the
7 date on which the President has submitted to the
8 appropriate congressional committees the certifi-
9 cation described in paragraph (2).

10 (2) CERTIFICATION DESCRIBED.—The certifi-
11 cation described in this paragraph is a certification
12 of the President that—

13 (A) each requirement of section 1290 of
14 the National Defense Authorization Act for Fis-
15 cal Year 2017 (Public Law 114–328; 130 Stat.
16 2555; 22 U.S.C. 2593e) has been fully imple-
17 mented and is continuing to be fully imple-
18 mented;

19 (B) the President has notified the appro-
20 priate congressional committees under such sec-
21 tion 1290 of the imposition of measures de-
22 scribed in subsection (c) of such section with re-
23 spect to each person identified in a report
24 under subsection (a) of such section, including

1 a detailed description of the imposition of all
2 such measures; and

3 (C) the President has submitted the report
4 required by section 1244(c) of the National De-
5 fense Authorization Act for Fiscal Year 2018
6 (Public Law 115–91; 131 Stat. 1674) (relating
7 to report on plan to impose additional sanctions
8 with respect to the Russian Federation).

9 (d) DEFINITIONS.—In this section:

10 (1) APPROPRIATE CONGRESSIONAL COMMIT-
11 TEES.—The term “appropriate congressional com-
12 mittees” means—

13 (A) the Select Committee on Intelligence,
14 the Committee on Foreign Relations, the Com-
15 mittee on Armed Services, and the Committee
16 on Appropriations of the Senate; and

17 (B) the Permanent Select Committee on
18 Intelligence, the Committee on Foreign Affairs,
19 the Committee on Armed Services, and the
20 Committee on Appropriations of the House of
21 Representatives.

22 (2) INF TREATY.—The term “INF Treaty”
23 means the Treaty between the United States of
24 America and the Union of Soviet Socialist Republics
25 on the Elimination of Their Intermediate-Range and

1 Shorter-Range Missiles, signed at Washington De-
2 cember 8, 1987, and entered into force June 1,
3 1988.

4 (3) NEW START TREATY.—The term “New
5 START Treaty” means the Treaty between the
6 United States of America and the Russian Federa-
7 tion on Measures for the Further Reduction and
8 Limitation of Strategic Offensive Arms, signed at
9 Prague April 8, 2010, and entered into force Feb-
10 ruary 5, 2011.

11 (4) OPEN SKIES TREATY.—The term “Open
12 Skies Treaty” means the Treaty on Open Skies,
13 done at Helsinki March 24, 1992, and entered into
14 force January 1, 2002.

15 **SEC. 1234. MODIFICATION AND EXTENSION OF UKRAINE SE-**
16 **CURITY ASSISTANCE INITIATIVE.**

17 Section 1250 of the National Defense Authorization
18 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
19 1068), as most recently amended by section 1234 of the
20 National Defense Authorization Act for Fiscal Year 2018
21 (Public Law 115–91; 131 Stat. 1659), is further amend-
22 ed—

23 (1) in subsection (c)—

24 (A) in paragraph (1), by striking “50 per-
25 cent of the funds available for fiscal year 2018

1 pursuant to subsection (f)(3)” and inserting
2 “50 percent of the funds available for fiscal
3 year 2019 pursuant to subsection (f)(4)”;

4 (B) in paragraph (3), by striking “fiscal
5 year 2018” and inserting “fiscal year 2019”;
6 and

7 (C) by adding at the end the following new
8 paragraph:

9 “(5) LETHAL ASSISTANCE.—Of the funds avail-
10 able for fiscal year 2019 pursuant to subsection
11 (f)(4), \$50,000,000 shall be available only for lethal
12 assistance described in paragraphs (2) and (3) of
13 subsection (b).”;

14 (2) in subsection (f), by adding at the end the
15 following:

16 “(4) For fiscal year 2019, \$250,000,000.”; and

17 (3) in subsection (h), by striking “December
18 31, 2020” and inserting “December 31, 2021”.

19 **SEC. 1235. STATEMENT OF POLICY ON UNITED STATES**
20 **MILITARY INVESTMENT IN EUROPE.**

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

22 (1) Both the 2017 National Security Strategy
23 and the 2018 National Defense Strategy highlight
24 the Russian Federation as a long-term strategic
25 competitor to the United States.

1 (2) The Russian Federation uses a whole-of-so-
2 ciety approach to influence and attempt to shape the
3 information space, weaken American resolve and
4 confidence in its democracy, and undermine the
5 power and international standing of the United
6 States.

7 (3) Through the National Defense Authoriza-
8 tion Act for Fiscal Year 2015 (Public Law 113-
9 291), the National Defense Authorization Act for
10 Fiscal Year 2016 (Public Law 114-92), the National
11 Defense Authorization Act for Fiscal Year 2017
12 (Public Law 114-328), and the National Defense
13 Authorization Act for Fiscal Year 2018 (Public Law
14 115-91), Congress has authorized, in total, approxi-
15 mately \$9,800,000,000 for the European Reassur-
16 ance Initiative, now the European Deterrence Initia-
17 tive, to reassure partners and allies and build a
18 credible deterrent and defense against the Russian
19 Federation.

20 (b) STATEMENT OF POLICY.—It is the policy of the
21 United States to develop, implement, and sustain a cred-
22 ible deterrent against aggression and long-term strategic
23 competition by the Government of the Russian Federation
24 in order to enhance regional and global security and sta-
25 bility, including by the following:

1 (1) Increased United States presence in Europe
2 through additional permanently stationed forces, in-
3 cluding logistics enablers and a combat aviation bri-
4 gade.

5 (2) Continued United States presence in Eu-
6 rope through rotational forces.

7 (3) Increased United States pre-positioned mili-
8 tary equipment, including munitions, logistics
9 enablers, and a division headquarters.

10 (4) Sufficient and necessary infrastructure ad-
11 ditions and improvements throughout Europe.

12 (5) Increased investment and prioritization to
13 counter indirect action (such as information oper-
14 ations intended to influence), including sufficient
15 cyber, counter-propaganda, and intelligence re-
16 sources.

17 (6) Sufficient security cooperation resources
18 and opportunities with partners and allies, including
19 with member countries of the North Atlantic Treaty
20 Organization.

1 **SEC. 1236. IMPOSITION OF SANCTIONS WITH RESPECT TO**
2 **CERTAIN PERSONS PROVIDING SOPHISTI-**
3 **CATED GOODS, SERVICES, OR TECH-**
4 **NOLOGIES FOR USE IN THE PRODUCTION OF**
5 **MAJOR DEFENSE EQUIPMENT OR ADVANCED**
6 **CONVENTIONAL WEAPONS.**

7 (a) REPORT ON SANCTIONED PERSONS RELATING TO
8 RUSSIAN FEDERATION'S NOTED VIOLATION OF THE INF
9 TREATY.—

10 (1) REPORT.—

11 (A) IN GENERAL.—Not later than 120
12 days after the date of enactment of this Act,
13 the President shall submit to the appropriate
14 congressional committees a report that contains
15 a list of persons described in section 1290(a)(1)
16 of the National Defense Authorization Act for
17 Fiscal Year 2017 related to the Russian Fed-
18 eration's noted violation of the INF Treaty, as
19 noted in the 2016 Report on Adherence to and
20 Compliance With Arms Control, Nonprolifera-
21 tion, and Disarmament Agreements and Com-
22 mitments.

23 (B) FORM.—The report required by sub-
24 paragraph (A) shall be provided in unclassified
25 form, but may contain a classified annex.

1 (C) APPROPRIATE CONGRESSIONAL COM-
2 MITTEES DEFINED.—In this paragraph, the
3 term “appropriate congressional committees”
4 has the meaning given such term in section
5 1290(h) of the National Defense Authorization
6 Act for Fiscal Year 2017.

7 (2) INF TREATY DEFINED.—In this subsection,
8 the term “INF Treaty” means the Treaty Between
9 the United States of America and the Union of So-
10 viet Socialist Republics on the Elimination of Their
11 Intermediate-Range and Shorter-Range Missiles,
12 commonly referred to as the “Intermediate- Range
13 Nuclear Forces (INF) Treaty”, signed at Wash-
14 ington December 8, 1987, and entered into force
15 June 1, 1988.

16 (b) REPORT ON SUPPLY CHAINS FOR RUSSIAN ARMS
17 SALES PROGRAMS.—

18 (1) IN GENERAL.—Not later than 180 days
19 after the date of the enactment of this Act, the
20 President shall submit to the appropriate congres-
21 sional committees a report that contains the fol-
22 lowing:

23 (A) An analysis of the foreign and domes-
24 tic supply chains in the Russian Federation
25 that directly or indirectly significantly facili-

1 tates, supports, or otherwise aids the Govern-
2 ment of the Russian Federation’s development,
3 export, sale, or transfer of major defense equip-
4 ment or advanced conventional weapons.

5 (B) A description of the geographic dis-
6 tribution of the foreign and domestic supply
7 chains described in subparagraph (A), including
8 sources of sophisticated goods, services, or tech-
9 nologies used for or by Russia for the develop-
10 ment, export, sale, or transfer of such equip-
11 ment or weapons.

12 (C) An assessment of the ability of the
13 Russian Government to domestically manufac-
14 ture or otherwise produce the goods, services, or
15 technology necessary to support the develop-
16 ment, export, sale, or transfer of such equip-
17 ment or weapons.

18 (2) FORM.—The report required under para-
19 graph (1) shall be submitted in unclassified form,
20 but may contain a classified annex.

21 (3) APPROPRIATE CONGRESSIONAL COMMIT-
22 TEES DEFINED.—In this subsection, the term “ap-
23 propriate congressional committees” means—

1 (A) the Committee on Foreign Relations
2 and the Select Committee on Intelligence of the
3 Senate; and

4 (B) the Committee on Foreign Affairs and
5 the Permanent Select Committee on Intelligence
6 of the House of Representatives.

7 (c) IMPOSITION OF SANCTIONS WITH RESPECT TO
8 CERTAIN PERSONS PROVIDING SOPHISTICATED GOODS,
9 SERVICES, OR TECHNOLOGIES FOR USE IN THE PRODUC-
10 TION OF MAJOR DEFENSE EQUIPMENT OR ADVANCED
11 CONVENTIONAL WEAPONS.—

12 (1) IDENTIFICATION.—

13 (A) IN GENERAL.—Not later than 60 days
14 after the date of the submission of the report
15 under subsection (b), and annually thereafter
16 for 5 years, the President shall submit to the
17 appropriate congressional committees a report
18 that identifies each foreign person and each
19 agency or instrumentality of a foreign state
20 that the President determines is a foreign per-
21 son or an agency or instrumentality of a foreign
22 state described in subparagraph (B).

23 (B) FOREIGN PERSON OR AGENCY OR IN-
24 STRUMENTALITY OF A FOREIGN STATE DE-
25 SCRIBED.—A foreign person or an agency or in-

1 instrumentality of a foreign state described in
2 this subparagraph is a foreign person or an
3 agency or instrumentality of a foreign state
4 that—

5 (i) knowingly sells, leases, or other-
6 wise provides significant sophisticated
7 goods, services, or technology, to any enti-
8 ties owned or controlled by the Govern-
9 ment of the Russian Federation, or

10 (ii) engages in a significant trans-
11 action or transactions to sell, lease, or oth-
12 erwise provide such sophisticated goods,
13 services, or technologies, to entities bene-
14 ficially owned by the Russian Federation,
15 if such activity under clause (i) or transaction
16 under clause (ii) materially contributes to the
17 ability of Russia to develop or produce major
18 defense equipment or advanced conventional
19 weapons.

20 (C) FORM.—The report required under
21 subparagraph (A) shall be submitted in unclas-
22 sified form, but may contain a classified annex.

23 (D) EXCEPTION.—

24 (i) IN GENERAL.—The President shall
25 not be required to identify a foreign person

1 or an agency or instrumentality of a for-
2 eign state in a report pursuant to subpara-
3 graph (A) if—

4 (I) the foreign person or the
5 agency or instrumentality of a foreign
6 state notifies the United States Gov-
7 ernment in advance that it proposes
8 to engage in an activity under sub-
9 paragraph (B)(i) or a transaction
10 under subparagraph (B)(ii); and

11 (II) the President determines and
12 notifies the appropriate congressional
13 committees in classified form prior to
14 the foreign person or agency or in-
15 strumentality of a foreign state engag-
16 ing in the activity under subparagraph
17 (B)(i) or transaction under subpara-
18 graph (B)(ii) that such activity or
19 transaction is in the national interests
20 of the United States.

21 (ii) NON-APPLICABILITY.—The excep-
22 tion under clause (i) shall not apply with
23 respect to—

24 (I) an agency or instrumentality
25 of a foreign state the government of

1 which the Secretary of State deter-
2 mines has repeatedly provided support
3 for acts of international terrorism
4 pursuant to section 6(j) of the Export
5 Administration Act of 1979 (as con-
6 tinued in effect pursuant to the Inter-
7 national Emergency Economic Powers
8 Act), section 40 of the Arms Export
9 Control Act, section 620A of the For-
10 eign Assistance Act of 1961, or any
11 other relevant provision of law; or

12 (II) any activity under subpara-
13 graph (B)(i) or transaction under sub-
14 paragraph (B)(ii) that involves, di-
15 rectly or indirectly, a foreign state de-
16 scribed in subclause (I).

17 (2) SANCTIONS IMPOSED.—

18 (A) IN GENERAL.—Except as provided in
19 subparagraph (C), not later than 180 days
20 after the date of the submission of the report
21 under subsection (b), and annually thereafter
22 for 8 years, the President shall impose one or
23 more of the sanctions described in subpara-
24 graph (B) with respect to any foreign person or

1 agency or instrumentality of a foreign state
2 identified pursuant to paragraph (1).

3 (B) SANCTIONS DESCRIBED.—The sanc-
4 tions described in this subparagraph are the fol-
5 lowing:

6 (i) No sales of any defense articles,
7 defense services, or design and construc-
8 tion services under the Arms Export Con-
9 trol Act (22 U.S.C. 2751 et seq.) may be
10 made to the foreign person or agency or
11 instrumentality 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
16 party 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 congres-
2 sional 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
7 the requirements of section 202 of such
8 Act (50 U.S.C. 1701) shall not apply) to
9 the extent necessary to block and prohibit
10 all transactions in all property and inter-
11 ests in property of a foreign person or
12 agency or instrumentality of the foreign
13 state if such property and interests in
14 property are in the United States, come
15 within the United States, or are or come
16 within the possession or control of a
17 United States person.

18 (II)(aa) The authority to impose sanc-
19 tions under subclause (I) shall not include
20 the authority to impose sanctions relating
21 to the importation of goods.

22 (bb) In item (aa), the term “good”
23 has the meaning given such term in section
24 16 of the Export Administration Act of
25 1979 (50 U.S.C. App. 2415) (as continued

1 in effect pursuant to the International
2 Emergency Economic Powers Act (50
3 U.S.C. 1701 et seq.)).

4 (cc) The penalties provided for in sub-
5 sections (b) and (c) of section 206 of the
6 International Emergency Economic Powers
7 Act (50 U.S.C. 1705) shall apply to a per-
8 son that violates, attempts to violate, con-
9 spires to violate, or causes a violation of
10 regulations promulgated under this section
11 to carry out subclause (I) to the same ex-
12 tent that such penalties apply to a person
13 that commits an unlawful act described in
14 section 206(a) of that Act.

15 (dd) Except as provided in subpara-
16 graph (I), the President may exercise all
17 authorities provided to the President under
18 sections 203 and 205 of the International
19 Emergency Economic Powers Act (50
20 U.S.C. 1702 and 1704) for purposes of
21 carrying out subclause (I).

22 (C) EXCEPTIONS.—The President shall not
23 be required to apply sanctions with respect to
24 a foreign person or an agency or instrumen-

1 tality of a foreign state identified pursuant to
2 paragraph (1)—

3 (i)(I) if the President certifies to the
4 appropriate congressional committees that
5 the foreign person or agency or instrumen-
6 tality of the foreign state—

7 (aa) is no longer carrying out ac-
8 tivities or transactions for which the
9 sanctions were imposed pursuant to
10 this paragraph; or

11 (bb) has taken and is continuing
12 to take significant verifiable steps to-
13 ward terminating the activities or
14 transactions for which the sanctions
15 were imposed pursuant to this para-
16 graph; and

17 (II) the President has received reliable
18 assurances from the foreign person or the
19 agency or instrumentality of the foreign
20 state that it will not carry out any activi-
21 ties or transactions for which sanctions
22 may be imposed pursuant to this para-
23 graph in the future;

24 (ii) in the case of procurement of de-
25 fense articles or defense services by the

1 United States Government under existing
2 contracts or subcontracts, including the ex-
3 ercise of options for production quantities
4 to satisfy requirements essential to the na-
5 tional security of the United States, if the
6 President determines in writing to the ap-
7 propriate congressional committees that—

8 (I) the foreign person or agency
9 or instrumentality of a foreign state
10 to which the sanctions would other-
11 wise be applied is a sole source sup-
12 plier of the defense articles or serv-
13 ices, that the defense articles or serv-
14 ices are essential, and that alternative
15 sources are not readily or reasonably
16 available; and

17 (II) it is in the national interest
18 and the President certifies such deter-
19 mination in writing to the appropriate
20 congressional committees; or

21 (iii) if the President certifies in writ-
22 ing to the appropriate congressional com-
23 mittees that the identification of the for-
24 eign person or agency or instrumentality of
25 a foreign state would impede the supply by

1 any entity of the Russian Federation of a
2 product or service, or the procurement of
3 such product or service, by the Govern-
4 ment of the United States—

5 (I) for purposes of civil aviation
6 safety; or

7 (II) in connection with any space
8 launch conducted for the Government
9 of the United States.

10 (3) WAIVER.—The President may waive the ap-
11 plication of paragraph (2) for renewable periods not
12 to exceed 180 days with respect to a foreign person
13 or foreign persons, or agency or instrumentality of
14 a foreign state, if the President—

15 (A) determines that the waiver is impor-
16 tant to the national security of the United
17 States; and

18 (B) before the waiver takes effect, briefs
19 the appropriate congressional committees on the
20 waiver and the reason for the waiver.

21 (4) DEFINITIONS.—In this subsection:

22 (A) ADVANCED CONVENTIONAL WEAP-
23 ONS.—The term “advanced conventional weap-
24 ons” includes—

1 (i) such long-range precision-guided
2 munitions, fuel air explosives, cruise mis-
3 siles, low observability aircraft, other radar
4 evading aircraft, advanced military air-
5 craft, military satellites, electromagnetic
6 weapons, and laser weapons that the Presi-
7 dent determines enhance offensive capabili-
8 ties in destabilizing ways;

9 (ii) such advanced command, control,
10 and communications systems, electronic
11 warfare systems, or intelligence collection
12 systems that the President determines en-
13 hance offensive capabilities in destabilizing
14 ways;

15 (iii) the S-300 and S-400 missile de-
16 fense systems and air superiority fighters;
17 and

18 (iv) such other items or systems as
19 the President may, by regulation, deter-
20 mine necessary for purposes of this sub-
21 section.

22 (B) AGENCY OR INSTRUMENTALITY OF A
23 FOREIGN STATE.—The term “agency or instru-
24 mentality of a foreign state” has the meaning

1 given such term in section 1603(b) of title 28,
2 United States Code.

3 (C) APPROPRIATE CONGRESSIONAL COM-
4 MITTEES.—The term “appropriate congres-
5 sional committees” means—

6 (i) the Committee on Foreign Rela-
7 tions, the Committee on Armed Services,
8 the Committee on Banking, Housing, and
9 Urban Affairs, and the Committee on Fi-
10 nance of the Senate; and

11 (ii) the Committee on Foreign Affairs,
12 the Committee on Armed Services, the
13 Committee on Financial Services, and the
14 Committee on Ways and Means of the
15 House of Representatives.

16 (D) FOREIGN PERSON.—The term “foreign
17 person” means—

18 (i) an individual who is not a United
19 States person; or

20 (ii) a corporation, partnership, or
21 other nongovernmental entity which is not
22 a United States person.

23 (E) MAJOR DEFENSE EQUIPMENT.—The
24 term “major defense equipment” has the mean-
25 ing given such term under section 120.8 of title

1 22, Code of Federal Regulations (as in effect on
2 the date of the enactment of this Act).

3 (F) PERSON.—The term “person”
4 means—

5 (i) a natural person;

6 (ii) a corporation, business associa-
7 tion, partnership, society, trust, financial
8 institution, insurer, underwriter, guar-
9 antor, and any other business organization,
10 any other nongovernmental entity, organi-
11 zation, or group, and any governmental en-
12 tity operating as a business enterprise; and
13 (iii) any successor to any entity de-
14 scribed in clause (ii).

15 (G) UNITED STATES PERSON.—The term
16 “United States person” means—

17 (i) a United States citizen or an alien
18 lawfully admitted for permanent residence
19 to the United States;

20 (ii) an entity organized under the laws
21 of the United States or of any jurisdiction
22 within the United States, including a for-
23 eign branch of such an entity; or

24 (iii) any person in the United States.

1 (5) DETERMINATION OF SOPHISTICATED.—The
2 Secretary of State, with the concurrence of the Sec-
3 retary of Defense and in coordination with the heads
4 of other relevant Federal agencies, shall promulgate
5 regulations to determine if a good, service, or tech-
6 nology is sophisticated for purposes of this section.

7 (6) DETERMINATION OF BENEFICIAL OWNER-
8 SHIP.—Not later than 90 days after the date of the
9 enactment of this Act, the President shall promul-
10 gate regulations for determining beneficial ownership
11 of an entity described in paragraph (1)(B)(ii) to be
12 less than fifty percent ownership.

13 (7) COOPERATION.—The Secretary of State
14 shall seek to consult and cooperate with United
15 States allies and partners to impose sanctions as re-
16 quired under this subsection and to maximize the ef-
17 fect of these sanctions.

18 (8) EFFECTIVE DATE.—This subsection takes
19 effect on the date of the enactment of this Act and
20 applies with respect to activities and transactions de-
21 scribed in paragraph (1) that are carried out on or
22 after such date of enactment.

23 (d) ADDITIONAL MEASURES FOR THE PURCHASE OF
24 CERTAIN DEFENSE ARTICLES OR DEFENSE SERVICES
25 FROM RUSSIA.—

1 (1) IN GENERAL.—In the case of an agency or
2 instrumentality of the Islamic Republic of Iran or of
3 any other state sponsor of terrorism that engages in
4 the activities described in paragraph (2), the Presi-
5 dent shall, pursuant to section 6 of the Export Ad-
6 ministration Act of 1979 (as continued in effect pur-
7 suant to the International Emergency Economic
8 Powers Act (50 U.S.C. 1701 et seq.)), require a li-
9 cense under the Export Administration Regulations
10 to export, re-export, or transfer to that foreign state,
11 or specific sectors of that foreign state, any item
12 subject to the Export Administration Regulations
13 other than food, medicine, or medical devices.

14 (2) ACTIVITIES DESCRIBED.—The activities de-
15 scribed in this paragraph are the purchase, lease, or
16 acquisition, on or after March 6, 2014, of major de-
17 fense equipment or advanced conventional weapons
18 from the Russian Federation.

19 (3) SUSPENSION OF APPLICATION.—The Presi-
20 dent may suspend the application of the measures
21 described in paragraph (1) for renewable periods not
22 to exceed 180 days if the President determines and
23 reports to the appropriate congressional committees
24 that it is in the national security interest of the
25 United States to do so.

1 (4) RULE OF CONSTRUCTION.—Nothing in this
2 subsection shall be construed to apply to reexports
3 of foreign manufactured items by non-United States
4 persons that contain less than 10 percent United
5 States-origin content, or previously licensed exports,
6 reexports, or transfers.

7 (5) DEFINITIONS.—In this subsection:

8 (A) ADVANCED CONVENTIONAL WEAP-
9 ONS.—The term “advanced conventional weap-
10 ons” has the meaning given such term in sub-
11 section (c).

12 (B) APPROPRIATE CONGRESSIONAL COM-
13 MITTEES.—The term “appropriate congress-
14 sional committees” means the Committee on
15 Foreign Relations of the Senate and the Com-
16 mittee on Foreign Affairs of the House of Rep-
17 resentatives.

18 (C) EXPORT ADMINISTRATION REGULA-
19 TIONS.—The term “Export Administration
20 Regulations” means subchapter C of chapter
21 VII of title 15, Code of Federal Regulations (as
22 in effect on the date of the enactment of this
23 Act).

1 (D) MAJOR DEFENSE EQUIPMENT.—The
2 term “major defense equipment” has the mean-
3 ing given such term in subsection (c).

4 (E) STATE SPONSOR OF TERRORISM.—The
5 term “state sponsor of terrorism” means a
6 country the government of which the Secretary
7 of State determines has repeatedly provided
8 support for acts of international terrorism pur-
9 suant to section 6(j) of the Export Administra-
10 tion Act of 1979 (as continued in effect pursu-
11 ant to the International Emergency Economic
12 Powers Act), section 40 of the Arms Export
13 Control Act, section 620A of the Foreign As-
14 sistance Act of 1961, or any other relevant pro-
15 vision of law.

16 (6) EFFECTIVE DATE.—The licensing require-
17 ment under paragraph (1) shall take effect not later
18 than 90 days after the date of the enactment of this
19 Act.

20 (e) SPECIAL RULE TO ALLOW FOR TERMINATION OF
21 SANCTIONS WITH RESPECT TO PERSONS ENGAGING IN
22 TRANSACTIONS WITH THE INTELLIGENCE OR DEFENSE
23 SECTORS OF THE GOVERNMENT OF THE RUSSIAN FED-
24 ERATION.—Section 231 of the Countering America’s Ad-

1 versaries Through Sanctions Act (Public Law 115–44; 22
2 U.S.C. 9525) is amended—

3 (1) by redesignating subsections (d) and (e) as
4 subsection (e) and (f), respectively; and

5 (2) by inserting after subsection (c), as amend-
6 ed, the following new subsection:

7 “(d) SPECIAL RULE TO ALLOW FOR TERMINATION
8 OF SANCTIONABLE ACTIVITY.—

9 “(1) CERTIFICATION.—The President shall not
10 be required to apply sanctions to a person described
11 in subsection (a) for renewable periods not to exceed
12 180 days with respect to the person if the President
13 certifies in writing to the appropriate congressional
14 committees that—

15 “(A) the person—

16 “(i) is no longer engaging in the activ-
17 ity described in subsection (a);

18 “(ii) has taken and is continuing to
19 take significant verifiable steps toward ter-
20 minating the activity described in that sub-
21 section; or

22 “(iii) has agreed to reduce reliance
23 upon Russian defense or intelligence sec-
24 tors of the Government of the Russian
25 Federation trade over a specified period;

1 “(B) the person is taking specified actions
2 to further the enforcement of this section; and

3 “(C) the President has received reliable as-
4 surances from the government with primary ju-
5 risdiction over the person that the person will
6 not engage in any activity described in sub-
7 section (a) in the future outside of the param-
8 eters of any actions specified in subparagraph
9 (A)(ii) or (iii) of such certification.

10 “(2) FORM.—The certification described in
11 paragraph (1) shall be transmitted in an unclassified
12 form, and may contain a classified annex.”.

13 (f) EXCEPTION RELATING TO IMPORTATION OF
14 GOODS.—No provision affecting sanctions under this sec-
15 tion or an amendment made by this section shall apply
16 to any portion of a sanction that affects the importation
17 of goods.

18 (g) TERMINATION.—This section, including the au-
19 thority to impose sanctions under this section and any
20 sanctions so imposed, and any amendment made by this
21 section shall terminate on the date that is 5 years after
22 the date of the enactment of this Act.

1 **SEC. 1237. EXTENSION OF LIMITATION ON MILITARY CO-**
2 **OPERATION BETWEEN THE UNITED STATES**
3 **AND THE RUSSIAN FEDERATION.**

4 Section 1232(a) of the National Defense Authoriza-
5 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
6 Stat. 2488), as amended by section 1231 of the National
7 Defense Authorization Act for Fiscal Year 2018 (Public
8 Law 115–91), is further amended by striking “or 2018”
9 and inserting “, 2018, or 2019”.

10 **SEC. 1238. SENSE OF CONGRESS REGARDING RUSSIA’S VIO-**
11 **LATIONS OF THE CHEMICAL WEAPONS CON-**
12 **VENTION.**

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

14 (1) The United States ratified the Convention
15 on the Prohibition of the Development, Production,
16 Stockpiling and Use of Chemical Weapons and on
17 their Destruction, known as the “Chemical Weapons
18 Convention”, on April 24, 1997.

19 (2) The Russian Federation ratified the Chem-
20 ical Weapons Convention on November 5, 1997.

21 (3) Article 1 of the Chemical Weapons Conven-
22 tion requires all signatories to “never under any cir-
23 cumstances...use chemical weapons”.

24 (4) Russia’s stock of chemical weapons has
25 been implicated in the assassination or injuries of
26 the following individuals:

1 (A) Sergei Skripal, Yulia Skripal, and
2 Wiltshire Police Detective Sergeant Nicholas
3 Bailey, poisoned using the nerve agent
4 “novichok” in Salisbury, England, in March
5 2018.

6 (B) Alexander Litvinenko, poisoned using
7 polonium, in London, England, in November
8 2006, about whose death a January 2016 in-
9 quest ordered by the British Parliament con-
10 cluded “the FSB operation to kill Mr
11 Litvinenko was probably approved by Mr
12 Patrushev [then-director of the FSB] and also
13 by President Putin”.

14 (5) Russia has also demonstrated its disregard
15 for the obligations imposed by the Chemical Weap-
16 ons Convention by—

17 (A) continuing to provide military and dip-
18 lomatic support for Syrian President Bashar al-
19 Assad, who has used chemical weapons includ-
20 ing chlorine gas and sarin against Syrian citi-
21 zens;

22 (B) actively working to hinder the efforts
23 of inspectors of the Organization for the Prohi-
24 bition of Chemical Weapons in Syria; and

1 (C) consistently using its veto power at the
2 United Nations Security Council to prevent ef-
3 fective international action against Assad for
4 such activities.

5 (6) The Condition 10(C) Report on Compliance
6 with the Convention on the Prohibition of the Devel-
7 opment, Production, Stockpiling and Use of Chem-
8 ical Weapons and on Their Destruction published by
9 the Department of State in March 2018 asserts that
10 “Based on available information, the United States
11 cannot certify that Russia has met its obligations
12 under the Chemical Weapons Convention for dec-
13 laration of its: (1) [chemical weapons production fa-
14 cilities]; (2) [chemical weapons] development facili-
15 ties; and (3) [chemical weapons] stockpiles. In fact,
16 due to Russia’s March 4, 2018, use of a military-
17 grade nerve agent to attack two individuals in the
18 United Kingdom, the United States certifies that the
19 Russian Federation is in non-compliance with its ob-
20 ligations under the [Chemical Weapons Conven-
21 tion].”.

22 (b) SENSE OF CONGRESS.—It is the sense of Con-
23 gress that the Russia’s actions constitute violations of
24 Russia’s obligations under the Chemical Weapons Conven-
25 tion.

1 **SEC. 1239. UNITED STATES ACTIONS REGARDING MATE-**
2 **RIAL BREACH OF INF TREATY BY THE RUS-**
3 **SIAN FEDERATION.**

4 (a) UNITED STATES ACTIONS.—If the President does
5 not certify to the appropriate congressional committees
6 that the Russian Federation has returned to full and
7 verifiable compliance with the INF Treaty within one year
8 of the date of the enactment of this Act, the prohibitions
9 set forth in Article VI of the INF Treaty shall no longer
10 be binding on the United States as a matter of United
11 States law.

12 (b) DEFINITIONS.—In this section:

13 (1) APPROPRIATE CONGRESSIONAL COMMIT-
14 TEES.—The term “appropriate congressional com-
15 mittees” means—

16 (A) the congressional defense committees;
17 and

18 (B) the Committee on Foreign Relations of
19 the Senate and the Committee on Foreign Af-
20 fairs of the House of Representatives.

21 (2) INF TREATY.—The term “INF Treaty”
22 means the Treaty Between the United States of
23 America and the Union of Soviet Socialist Republics
24 on the Elimination of Their Intermediate-Range and
25 Shorter-Range Missiles, commonly referred to as the
26 “Intermediate-Range Nuclear Forces (INF) Trea-

1 ty”, signed at Washington December 8, 1987, and
2 entered into force June 1, 1988.

3 **SEC. 1240. LIMITATION ON AVAILABILITY OF FUNDS TO EX-**
4 **TEND THE IMPLEMENTATION OF THE NEW**
5 **START TREATY.**

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

7 (1) The New START Treaty provides that,
8 “[w]hen a Party believes that a new kind of stra-
9 tegic offensive arm is emerging, that Party shall
10 have the right to raise the question of such a stra-
11 tegic offensive arm for consideration in the Bilateral
12 Consultative Commission”.

13 (2) Russian Federation President Vladimir
14 Putin stated in a March 1, 2018, public speech
15 that—

16 (A) “I will speak about the newest systems
17 of Russian strategic weapons that we are cre-
18 ating. . .we have embarked on the development
19 of the next generation of missiles.”;

20 (B) “We started to develop new types of
21 strategic arms that do not use ballistic trajec-
22 tories at all when moving toward a target.”;

23 (C) “One of them is a small-scale heavy-
24 duty nuclear energy unit that can be installed
25 in a missile like our latest X-101 air-launched

1 missile. . .In late 2017, Russia successfully
2 launched its latest nuclear-powered missile at
3 the central training ground. During its flight,
4 the nuclear-powered engine reached its design
5 capacity and provided the necessary propul-
6 sion.”;

7 (D) “[i]n December 2017, an innovative
8 nuclear power unit for this unmanned under-
9 water vehicle completed a test cycle that lasted
10 many years. . .[t]he tests that were conducted
11 enabled us to begin developing a new type of
12 strategic weapon that would carry massive nu-
13 clear ordnance”;

14 (E) “[b]y the way, we have yet to choose
15 names for these two new strategic weapons, the
16 global range cruise missile and the unmanned
17 underwater vehicle. We are waiting for sugges-
18 tions from the Defence Ministry”;

19 (F) “A real technological breakthrough is
20 the development of a strategic missile system
21 with fundamentally new combat equipment- a
22 gliding wing unit, which has also been success-
23 fully tested. . .[w]e called it the Avangard”;
24 and

1 (G) “I want to specifically emphasise that
2 the newly developed strategic arms - in fact,
3 new types of strategic weapons- are not the re-
4 sult of something left over from the Soviet
5 Union. Of course, we relied on some ideas from
6 our ingenious predecessors. But everything I
7 have described today is the result of the last
8 several years, the product of dozens of research
9 organisations, design bureaus and institute.”.

10 (3) During the House Armed Services Com-
11 mittee hearing on April 12, 2018, Secretary of De-
12 fense James Mattis was asked whether Russia
13 should honor the terms of the treaty and limit its
14 new strategic offensive arms under the New START
15 Treaty as it requires and he stated “Sir, I believe
16 they should.”.

17 (b) LIMITATION.—None of the funds authorized to
18 be appropriated or otherwise made available for fiscal year
19 2019 for the Department of Defense may be obligated or
20 expended to extend the implementation of the New
21 START Treaty unless and until the President—

22 (1) certifies to the appropriate congressional
23 committees that—

24 (A) the President has raised the issue of
25 covered Russian systems in the appropriate fora

1 with the Russian Federation under Article V of
2 the New START Treaty or otherwise; and

3 (B) the Russian Federation has responded
4 in writing to the United States as to whether
5 they will agree to declare the covered Russian
6 systems as strategic offensive arms or otherwise
7 pursuant to the New START Treaty;

8 (2) submits a copy of the written response of
9 the Russian Federation described in paragraph
10 (1)(B) to the appropriate congressional committees;
11 and

12 (3) notifies the appropriate congressional com-
13 mittees as to whether the position of the Russian
14 Federation threatens the viability of the New
15 START Treaty or requires appropriate United
16 States political, economic, or military responses.

17 (c) DEFINITIONS.—In this section:

18 (1) APPROPRIATE CONGRESSIONAL COMMIT-
19 TEES.—The term “appropriate congressional com-
20 mittees” means—

21 (A) the congressional defense committees;
22 and

23 (B) the Committee on Foreign Relations of
24 the Senate and the Committee on Foreign Af-
25 fairs of the House of Representatives.

1 (2) COVERED RUSSIAN SYSTEMS.—The term
2 “covered Russian systems” means the following:

3 (A) The heavy intercontinental missile sys-
4 tem known as “Sarmat” or otherwise identified.

5 (B) An air-launched nuclear-powered
6 cruise missile known as “X-101” or otherwise
7 identified.

8 (C) An unmanned underwater vehicle
9 known as “Status 6” or otherwise identified.

10 (D) The long-distance guided flight
11 hypersonic weapons system known by
12 “Avanguard” or otherwise identified.

13 (3) NEW START TREATY.—The term “New
14 START Treaty” means the Treaty between the
15 United States of America and the Russian Federa-
16 tion on Measures for the Further Reduction and
17 Limitation of Strategic Offensive Arms, signed at
18 Prague April 8, 2010, and entered into force Feb-
19 ruary 5, 2011.

20 **Subtitle E—Matters Relating to the**
21 **Indo-Pacific Region**

22 **SEC. 1251. SUPPORT FOR INDO-PACIFIC STABILITY INITIA-**
23 **TIVE.**

24 (a) SENSE OF CONGRESS.—It is the sense of Con-
25 gress that—

1 (1) the Initiative established pursuant to sub-
2 section (b) of section 1251 of the National Defense
3 Authorization Act for Fiscal Year 2018 (Public Law
4 115–91; 131 Stat. 1676) bolsters the efforts of the
5 United States and its allies and partners in the
6 Indo-Pacific region to deter aggression by providing
7 resources to—

8 (A) increase the presence and capabilities
9 and enhance the posture of the United States
10 Armed Forces in the region;

11 (B) improve military and defense infra-
12 structure, basing, logistics, and access in the
13 Indo-Pacific region in order to enhance the re-
14 sponsiveness and capabilities of the United
15 States Armed Forces; and

16 (C) increase bilateral and multilateral
17 training and exercises with regional allies and
18 partners; and

19 (2) the United States should develop a multi-
20 year strategic plan that specifies resource priorities
21 to meet the objectives and the activities of the Initia-
22 tive described in subsection (c) of such section 1251.

23 (b) REQUIREMENT AND RESOURCE PLAN.—Not later
24 than March 1, 2019, the Secretary of Defense, in con-
25 sultation with the Secretary of State, shall submit to the

1 appropriate congressional committees a requirement and
2 resource plan that includes the following:

3 (1) An analysis of the challenges faced by the
4 United States to meet the objectives and activities
5 outlined in subsection (c) of such section 1251.

6 (2) The plan, resource requirements, and any
7 additional authorities needed through fiscal year
8 2024 to address such challenges.

9 (c) FORM.—The report required by subsection (b)
10 shall be submitted in unclassified form but may include
11 a classified annex.

12 (d) INCLUSION IN BUDGET MATERIALS.—The Sec-
13 retary of Defense shall also include the requirement and
14 resource plan required by subsection (b) in the budget ma-
15 terials submitted by the Secretary in support of the budget
16 of the President for fiscal year 2020 (submitted to Con-
17 gress pursuant to section 1105 of title 31, United States
18 Code).

19 (e) CONFORMING AMENDMENT.—Section 1251 of the
20 National Defense Authorization Act for Fiscal Year 2018
21 is amended by striking “Indo-Asia-Pacific” and inserting
22 “Indo-Pacific” each place it appears.

23 (f) 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 the Committee on Foreign Affairs of the
- 4 House of Representatives.

5 **SEC. 1252. UNITED STATES STRATEGY ON CHINA.**

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

7 (1) The United States has a national strategic
8 interest in ensuring that the United States main-
9 tains political, diplomatic, economic, military, and
10 technological advantages over competitive adver-
11 saries.

12 (2) The 2018 National Defense Strategy states
13 that “the central challenge to the U.S. prosperity
14 and security is the reemergence of long-term, stra-
15 tegic competition by what the National Security
16 Strategy classifies as revisionist powers. It is in-
17 creasingly clear that China and Russia want to
18 shape a world consistent with their authoritarian
19 model—gaining veto authority over other nations’
20 economic, diplomatic, and security decisions”.

21 (3) The 2018 National Defense Strategy fur-
22 ther states that “China is leveraging military mod-
23 ernization, influence operations, and predatory eco-
24 nomics to coerce neighboring countries to reorder
25 the Indo-Pacific region to their advantage. As China

1 continues its economic and military ascendance, as-
2 serting power through an all-of-nation long term
3 strategy, it will continue to pursue a military mod-
4 ernization program that seeks Indo-Pacific regional
5 hegemony in the near-term and displacement of the
6 United States to achieve global preeminence in the
7 future”.

8 (4) Statements by officials of the United States
9 and leading experts have emphasized that the
10 United States requires a whole-of-government re-
11 sponse, across the full spectrum of capabilities, to
12 address the challenges posed by China.

13 (b) STATEMENT OF POLICY.—Congress declares that
14 long-term strategic competition with China is a principal
15 priority for the United States that requires the integration
16 of multiple elements of national power, including diplo-
17 matic, economic, intelligence, law enforcement, and mili-
18 tary elements, to protect and strengthen national security.

19 (c) STRATEGY REQUIRED.—

20 (1) IN GENERAL.—Not later than March 1,
21 2019, the President shall submit to the appropriate
22 congressional committees a report containing a
23 whole-of-government strategy with respect to the
24 People’s Republic of China.

1 (2) ELEMENTS OF STRATEGY.—The strategy
2 required by paragraph (1) shall include the fol-
3 lowing:

4 (A) Strategic assessments of and planned
5 responses to address the following activities by
6 the Chinese Communist Party:

7 (i) The use of political influence, in-
8 formation operations, censorship, and
9 propaganda to undermine democratic insti-
10 tutions and processes, and the freedoms of
11 speech, expression, press, and academic
12 thought.

13 (ii) The use of intelligence networks
14 to exploit open research and development.

15 (iii) The use of economic tools, includ-
16 ing market access and investment to gain
17 access to sensitive United States indus-
18 tries.

19 (iv) Malicious cyber activities.

20 (v) The use of investment, infrastruc-
21 ture, and development projects, such as
22 China's Belt and Road Initiative, in Africa,
23 Europe, Central Asia, South America, and
24 the Indo-Pacific region, and the Polar Silk

1 Road in the Arctic, as a means to gain ac-
2 cess and influence.

3 (vi) The use of military activities, ca-
4 pabilities, and defense installations, and
5 hybrid warfare methods, short of tradi-
6 tional armed conflict, against the United
7 States or its allies and partners.

8 (B) Available or planned methods to en-
9 hance strategic communication to counter Chi-
10 nese influence and promote United States inter-
11 ests.

12 (C) An identification of the key diplomatic,
13 development, intelligence, military, and eco-
14 nomic resources necessary to implement the
15 strategy.

16 (D) A plan to maximize the coordination
17 and effectiveness of such resources to counter
18 the threats posed by the activities described in
19 subparagraph (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
3 to Congress pursuant to section 1105 of title 31,
4 United States Code clearly highlights the programs
5 and projects proposed to be funded that relate to the
6 strategy 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
12 Committee on Intelligence, the Committee on
13 Finance, the Committee on Homeland Security
14 and Governmental Affairs, the Committee on
15 the Judiciary, the Committee on Commerce,
16 Science, and Transportation, and the Com-
17 mittee on the 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 Com-
21 mittee on Financial Services, the Committee on
22 Homeland Security, the Committee on the Judi-
23 ciary, the Committee on Energy and Commerce,
24 and the Committee on the Budget of the House
25 of Representatives.

1 **SEC. 1253. STRENGTHENING TAIWAN'S FORCE READINESS.**

2 (a) DEFENSE ASSESSMENT.—The Secretary of De-
3 fense shall, in consultation with appropriate counterparts
4 of Taiwan, conduct a comprehensive assessment of Tai-
5 wan's military forces, particularly Taiwan's reserves. The
6 assessment shall provide recommendations to improve the
7 efficiency, effectiveness, readiness, and resilience of Tai-
8 wan's self-defense 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
22 of Defense, in consultation with the Secretary of
23 State, shall submit to the appropriate congressional
24 committees a report containing each of the following:

25 (A) A summary of the assessment con-
26 ducted pursuant to subsection (a).

1 (B) A list of any recommendations result-
2 ing 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 rec-
7 ommendations 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 per-
22 sonnel);

23 (B) section 332 such title (relating to de-
24 fense institution building); and

1 (C) other security cooperation authorities
2 under chapter 16 of such title.

3 (3) APPROPRIATE CONGRESSIONAL COMMIT-
4 TEES.—In this subsection, the term “appropriate
5 congressional committees” means—

6 (A) the congressional defense committees;
7 and

8 (B) the Committee on Foreign Relations of
9 the Senate and the Committee on Foreign Af-
10 fairs of the House of Representatives.

11 **SEC. 1254. MODIFICATION, REDESIGNATION, AND EXTEN-**
12 **SION OF SOUTHEAST ASIA MARITIME SECU-**
13 **RITY INITIATIVE.**

14 (a) MODIFICATION AND REDESIGNATION.—

15 (1) IN GENERAL.—Subsection (a) of section
16 1263 of the National Defense Authorization Act for
17 Fiscal Year 2016 (Public Law 114–92; 129 Stat.
18 1073; 10 U.S.C. 2282 note), as amended by section
19 1289 of the National Defense Authorization Act for
20 Fiscal Year 2017 (Public Law 114–328; 130 Stat.
21 2555), is further amended—

22 (A) in paragraph (1), by striking “South
23 China Sea” and inserting “South China Sea
24 and Indian Ocean”; and

1 (B) in paragraph (2), by striking “the
2 ‘Southeast Asia Maritime Security Initiative’ ”
3 and inserting “the ‘Indo-Pacific Maritime Secu-
4 rity Initiative’ ”.

5 (2) CONFORMING AMENDMENT.—The heading
6 of such section is amended to read as follows:

“Sec. 1263. Indo-Pacific Maritime Security Initiative.”.

7 (b) COVERED COUNTRIES.—Subsection (e)(2) of
8 such section is amended by adding at the end the fol-
9 lowing:

10 “(D) India.”.

11 (c) DESIGNATION OF ADDITIONAL COUNTRIES.—
12 Such section is further amended—

13 (1) in subsection (e)(1), by striking “subsection
14 (f)” and inserting “subsection (g)”;

15 (2) by redesignating subsections (f), (g), and
16 (h) as subsections (g), (h), and (i), respectively; and

17 (3) by inserting after subsection (e) the fol-
18 lowing:

19 “(f) INCLUSION OF ADDITIONAL COUNTRIES.—The
20 Secretary of Defense, with the concurrence of the Sec-
21 retary of State, is authorized to include additional foreign
22 countries under subsection (b) for purposes of providing
23 assistance and training under subsection (a) and addi-
24 tional foreign countries under subsection (e)(2) for pur-
25 poses of providing payment of incremental expenses in

1 connection with training described in subsection (a)(1)(B)
2 if, with respect to each such additional foreign country,
3 the Secretary determines and certifies to the appropriate
4 committees of Congress that it is important for increasing
5 maritime security and maritime domain awareness in the
6 Indo-Pacific region.”.

7 (d) EXTENSION.—Subsection (i) of such section, as
8 redesignated, is amended by striking “September 30,
9 2020” and inserting “September 30, 2023”.

10 **SEC. 1255. MISSILE DEFENSE EXERCISES IN THE INDO-PA-**
11 **CIFIC REGION WITH UNITED STATES RE-**
12 **GIONAL ALLIES AND PARTNERS.**

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

14 (1) The Democratic People’s Republic of Korea
15 (North Korea) continues to develop, test, and threat-
16 en the use of intercontinental ballistic missiles and
17 nuclear weapons that threaten the United States
18 and United States allies and partners.

19 (2) The People’s Republic of China and the
20 Russian Federation continue to develop and deploy
21 advanced counter-intervention technologies, includ-
22 ing fielding and testing highly maneuverable reentry
23 vehicles and warheads (such as hypersonic weapons),
24 and cruise missiles and small-unmanned aircraft sys-
25 tems (UAS) that challenge United States strategic,

1 operational, and tactical freedom of movement and
2 maneuver.

3 (b) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that the United States should—

5 (1) continue to develop and deploy a robust
6 missile defense in the Indo-Pacific region;

7 (2) increase the capacity of interceptors, sen-
8 sors, and operational concepts in the region;

9 (3) continue bilateral and multilateral oper-
10 ationally realistic missile defense exercises in the re-
11 gion;

12 (4) increase coordination with United States re-
13 gional allies and partners, including Japan, South
14 Korea, Australia, India, and other countries, as ap-
15 propriate;

16 (5) begin planning for military exercises in
17 2020 with United States regional allies and partners
18 that is specifically focused on interoperability;

19 (6) integrate radar information from United
20 States and allied Patriot, Terminal High Altitude
21 Area Defense, Aegis, and other systems for region-
22 wide command and control capabilities;

23 (7) increase the capacity of United States allies
24 and partners through foreign military sales;

1 (8) seek increased areas of co-production for
2 components of missile defense systems; and

3 (9) develop new capabilities to address threats
4 to the region.

5 (c) **MISSILE DEFENSE EXERCISES IN THE INDO-PA-**
6 **CIFIC REGION.**—The Secretary of Defense may conduct
7 missile defense exercises in the Indo-Pacific region with
8 United States regional allies and partners to improve
9 interoperability.

10 (d) **BRIEFING.**—Not later than 120 days after the
11 date of the enactment of this Act, the Secretary of Defense
12 shall provide to the appropriate congressional committees
13 a briefing on plans for missile defense exercises as de-
14 scribed in subsection (c).

15 (e) **APPROPRIATE CONGRESSIONAL COMMITTEES DE-**
16 **FINED.**—In this section, the term “appropriate congres-
17 sional committees” means—

18 (1) the congressional defense committees; and

19 (2) the Committee on Foreign Relations of the
20 Senate and the Committee on Foreign Affairs of the
21 House of Representatives.

22 **SEC. 1256. QUADRILATERAL COOPERATION AND EXERCISE.**

23 (a) **SENSE OF CONGRESS.**—It is the sense of Con-
24 gress that the United States, Japan, India, and Australia
25 should—

1 (1) promote security and stability in the Indo-
2 Pacific region;

3 (2) increase quadrilateral meetings to discuss
4 and strengthen interoperability of their respective
5 military and naval forces;

6 (3) plan joint quadrilateral military patrols and
7 exercises;

8 (4) promote the values of a free and open Indo-
9 Pacific region and address themes such as respect
10 for international law, maritime security, non-
11 proliferation, and terrorism in the region;

12 (5) explore joint regional infrastructure initia-
13 tives in the region;

14 (6) engage in maritime capacity building among
15 smaller Indo-Pacific countries;

16 (7) develop new capabilities to deter and defend
17 against threats to the region; and

18 (8) support regional institutions and bodies, in-
19 cluding the Association of Southeast Asian Nations
20 Regional Forum, to increase regional cooperation
21 with respect to maritime security and domain aware-
22 ness and to promote internationally accepted rules
23 and norms.

24 (b) EXERCISE.—The Secretary of Defense may con-
25 duct a quadrilateral naval military exercise.

1 (c) BRIEFING.—Not later than 120 days after the
2 date of the enactment of this Act, the Secretary of Defense
3 shall provide to the appropriate congressional committees
4 a briefing on the matters contained in this section.

5 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
6 DEFINED.—In this section, the term “appropriate con-
7 gressional 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. 1257. NAME OF UNITED STATES INDO-PACIFIC COM-**
13 **MAND.**

14 (a) IN GENERAL.—The combatant command known
15 as the United States Pacific Command shall, beginning
16 on January 1, 2020, be known as the “United States
17 Indo-Pacific Command”. Any reference to such combatant
18 command in any law, regulation, map, document, record,
19 or other paper of the United States shall be considered
20 to be a reference to the United States Indo-Pacific Com-
21 mand.

22 (b) CONFORMING AMENDMENTS.—

23 (1) ANNUAL REPORT ON NON-FEDERALIZED
24 SERVICE NATIONAL GUARD PERSONNEL, TRAINING,
25 AND EQUIPMENT REQUIREMENTS.—Section 10504

1 of title 10, United States Code, as amended by sec-
2 tion 1071(a)(31), is further amended in subsection
3 (c), as redesignated by such section, in paragraph
4 (3)(H) by striking “United States Pacific Com-
5 mand” and inserting “United States Indo-Pacific
6 Command”.

7 (2) CONTRACTING WITH THE ENEMY.—Section
8 843(4) of the Carl Levin and Howard P. “Buck”
9 McKeon National Defense Authorization Act for
10 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C.
11 2302 note) is amended by striking “United States
12 Pacific Command” and inserting “United States
13 Indo-Pacific Command”.

14 **SEC. 1258. REQUIREMENT FOR CRITICAL LANGUAGES AND**
15 **EXPERTISE IN CHINESE, KOREAN, AND RUS-**
16 **SIAN.**

17 Not later than 180 days after the date of the enact-
18 ment of this Act, the Secretary of Defense shall—

19 (1) evaluate the operational requirements for
20 members of the Armed Forces possessing foreign
21 language expertise in critical East Asian languages,
22 including Chinese, Korean, and Russian; and

23 (2) submit to the congressional defense commit-
24 tees a plan to address any shortfalls in these critical
25 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 fol-
13 lowing:

14 “(2) CONTENTS.—The report shall also in-
15 clude—

16 “(A) a forward-looking strategy”;

17 (3) by striking the period at the end and insert-
18 ing a semicolon; and

19 (4) by adding at the end the following:

20 “(B) a description of any limitations that
21 hinder or slows progress in implementing the
22 actions described in subparagraphs (A) through
23 (L) of paragraph (1);

24 “(C) a description of actions India is tak-
25 ing, or the actions the Secretary of Defense or
26 the Secretary of State believe India should take,

1 to advance the relationship between the United
2 States and in regards to subparagraphs (A)
3 through (L) of paragraph (1); and

4 “(D) a description of—

5 “(i) measures that can be taken by
6 the United States and India to improve
7 interoperability; and

8 “(ii) progress in enabling agreements
9 between the United States and India.”.

10 **SEC. 1260. STATEMENT OF POLICY ON NAVAL VESSEL**
11 **TRANSFERS TO JAPAN.**

12 It shall be the policy of the United States to support
13 maritime defense cooperation with Japan, including
14 through the transfer of excess United States naval vessels
15 to the Japanese Maritime Self-Defense Force. Such trans-
16 fers should include capabilities such as those represented
17 by the Tarawa class amphibious assault ship, the Austin
18 class amphibious transport dock, and the Charleston class
19 amphibious cargo ship.

20 **SEC. 1261. REPORT AND PUBLIC NOTIFICATION ON CHINA’S**
21 **MILITARY, MARITIME, AND AIR ACTIVITIES IN**
22 **THE INDO-PACIFIC REGION.**

23 (a) SENSE OF CONGRESS.—It is the sense of Con-
24 gress that greater transparency of China’s provocative

1 military, maritime, and air activities in the Indo-Pacific
2 region would—

3 (1) aid in raising awareness of these activities
4 in regional and international forums;

5 (2) enable regional security partners to more ef-
6 fectively protect their sovereignty and defend their
7 rights under international law; and

8 (3) maintain stability within the region to en-
9 able constructive relations with China.

10 (b) REPORT.—

11 (1) IN GENERAL.—The Secretary of Defense, in
12 consultation with the Director of National Intel-
13 ligence and the Secretary of State, shall submit to
14 the appropriate congressional committees on a quar-
15 terly basis a report describing China's provocative
16 military, maritime, and air activities in the Indo-Pa-
17 cific region.

18 (2) ELEMENTS.—The report shall, at minimum,
19 address China's provocative military, maritime, and
20 air activities, military deployments, and operations
21 and infrastructure construction in the East China
22 Sea, South China Sea, Taiwan Strait, and Indian
23 Ocean.

24 (3) DISSEMINATION TO REGIONAL ALLIES.—
25 The report shall be disseminated to regional allies

1 and partners, as appropriate, in the Indo-Pacific re-
2 gion.

3 (4) IMAGERY AND SUPPORTING ANALYSIS.—

4 The report may include imagery from military air-
5 craft and other sources with supporting analysis to
6 describe China's provocative maritime and air activi-
7 ties.

8 (5) FORM.—The report shall be available to the
9 public and shall be submitted or carried out in un-
10 classified form.

11 (c) PUBLIC NOTIFICATION.—

12 (1) IN GENERAL.—The Secretary of Defense, in
13 consultation with the Director of National Intel-
14 ligence and the Secretary of State, shall provide no-
15 tice to the public of any activities described in para-
16 graph (2) immediately after the initiation of any
17 such activities.

18 (2) ACTIVITIES DESCRIBED.—The activities de-
19 scribed in this paragraph are any significant desta-
20 bilizing or deceptive activities of China, including
21 reclamation or militarization activity in the Indo-Pa-
22 cific region, use of military, government, or commer-
23 cial aircraft or maritime vessels to intimidate re-
24 gional neighbors.

1 (3) WRITTEN SUMMARY.—As soon as prac-
2 ticable after the notification to the public under
3 paragraph (1) of any activities described in para-
4 graph (2), the Secretary of Defense shall distribute
5 to the appropriate congressional committees and
6 United States allies and security partners in the
7 Indo-Pacific region a written summary to include
8 imagery and supporting analysis describing such ac-
9 tivities.

10 (d) REQUIREMENTS RELATING TO NATIONAL SECU-
11 RITY AND PROTECTION OF CLASSIFIED NATIONAL SECU-
12 RITY INFORMATION.—The dissemination and availability
13 of the report under subsection (b) and the notification to
14 the public under subsection (c) shall be made in a manner
15 consistent with national security and the protection of
16 classified national security information.

17 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
18 FINED.—In this section, the term “appropriate congres-
19 sional committees” means—

20 (1) the congressional defense committees; and
21 (2) the Committee on Foreign Relations and
22 the Select Committee on Intelligence of the Senate
23 and the Committee on Foreign Affairs and the Per-
24 manent Select Committee on Intelligence of the
25 House of Representatives.

1 **SEC. 1262. SENIOR DEFENSE ENGAGEMENT WITH TAIWAN.**

2 (a) **FINDING.**—The Taiwan Travel Act (Public Law
3 115–135; 132 Stat. 341) states that it should be the policy
4 of the United States to allow officials at all levels of the
5 United States government, including Cabinet-level na-
6 tional security officials, general officers, and other execu-
7 tive branch officials, to travel to Taiwan to meet their Tai-
8 wan counterparts.

9 (b) **SENSE OF CONGRESS.**—Pursuant to the policy
10 described in the Taiwan Travel Act, the Secretary of De-
11 fense should send a Secretary of a military department
12 or a member of the Joint Chiefs of Staff to Taiwan for
13 the purpose of senior-level defense engagement.

14 (c) **BRIEFING.**—Not later than 60 days after the date
15 of the enactment of this Act, the Secretary of Defense,
16 in consultation with the Secretary of State, shall brief the
17 congressional defense committees, the Committee on For-
18 eign Relations of the Senate, and the Committee on For-
19 eign Affairs of the House of Representatives on any plans
20 of the Department to carry out senior-level defense en-
21 gagement.

1 **SEC. 1263. LIMITATION ON USE OF FUNDS TO REDUCE THE**
2 **TOTAL NUMBER OF MEMBERS OF THE**
3 **ARMED FORCES SERVING ON ACTIVE DUTY**
4 **WHO ARE DEPLOYED TO THE REPUBLIC OF**
5 **KOREA.**

6 None of the funds authorized to be appropriated by
7 this Act may be used to reduce the total number of mem-
8 bers of the Armed Forces serving on active duty who are
9 deployed to the Republic of Korea below 22,000 unless the
10 Secretary of Defense first certifies to the congressional de-
11 fense committees that such a reduction is in the national
12 security interest of the United States and will not signifi-
13 cantly undermine the security of United States allies in
14 the region.

15 **SEC. 1264. ENHANCING MISSILE DEFENSE COOPERATION**
16 **WITH PARTNERS.**

17 (a) SENSE OF CONGRESS.—It is the sense of Con-
18 gress that the Secretary of Defense should seek opportuni-
19 ties to increase defense coordination and cooperation with
20 United States partners with respect to missile defense.

21 (b) MODIFICATION OF DEFENSE COOPERATION AU-
22 THORITY WITH INDIA.—Section 1292(a)(1) of the Na-
23 tional Defense Authorization Act for Fiscal Year 2017
24 (Public Law 114–328; 130 Stat. 2559; 22 U.S.C. 2751
25 note), as amended by section 1258(a) of the National De-

1 fense Authorization Act for Fiscal Year 2018 (Public Law
2 115–91; 131 Stat. 1683), is further amended—

3 (1) in subparagraph (K), by striking “and” at
4 the end;

5 (2) in subparagraph (L), by striking the period
6 at the end and inserting “; and”; and

7 (3) by adding at the end the following new sub-
8 paragraph:

9 “(M) develop closer defense cooperation
10 with India on matters relating to missile de-
11 fense.”.

12 **Subtitle F—Other Matters**

13 **SEC. 1271. REPORT ON STATUS OF THE UNITED STATES RE-** 14 **LATIONSHIP WITH THE REPUBLIC OF TUR-** 15 **KEY.**

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

17 (1) The United States–Republic of Turkey rela-
18 tionship, over the past year, has become increasingly
19 strained due to several provocative actions taken by
20 the Government of Turkey.

21 (2) The potential purchase by the Government
22 of Turkey of the S-400 air and missile defense sys-
23 tem from the Russian Federation has led to tension
24 with the relationship.

1 (3) These actions could negatively impact com-
2 mon weapon system development between the United
3 States and Turkey.

4 (4) These actions could exacerbate current
5 North Atlantic Treaty Organization (NATO) inter-
6 operability challenges with respect to common mili-
7 tary architecture and information sharing.

8 (5) These actions could impact current bilateral
9 agreements between the United States and Turkey.

10 (b) REPORT REQUIRED.—

11 (1) IN GENERAL.—Not later than 60 days after
12 the date of the enactment of this Act, the Secretary
13 of Defense, in consultation with the Secretary of
14 State, shall submit to the appropriate congressional
15 committees a report on the status of the United
16 States relationship with the Republic of Turkey.

17 (2) MATTERS TO BE INCLUDED.—The report
18 required under this subsection shall include the fol-
19 lowing:

20 (A) An assessment of United States mili-
21 tary and diplomatic presence in Turkey, includ-
22 ing all military activities conducted from
23 Incirlik Air Base or elsewhere.

24 (B) An assessment of the potential pur-
25 chase by the Government of Turkey of the S-

1 400 air and missile defense system from the
2 Russian Federation and the potential effects of
3 such purchase on the United States-Turkey bi-
4 lateral relationship, including an assessment of
5 impacts on other United States weapon systems
6 and platforms operated jointly with Turkey to
7 include—

8 (i) the F-35 Lightning II Joint Strike
9 aircraft, to include co-production;

10 (ii) the Patriot surface-to-air missile
11 system;

12 (iii) the CH-47 Chinook heavy lift heli-
13 copter;

14 (iv) the AH-1 Attack helicopter;

15 (v) the H-60 Black Hawk utility heli-
16 copter; and

17 (vi) the F-16 Fighting Falcon air-
18 craft.

19 (C) An identification of potential alter-
20 native air and missile defense systems that
21 could be purchased by the Government of Tur-
22 key, including United States and other NATO
23 member state military air defense artillery sys-
24 tems.

1 (3) FORM.—The report required under this
2 subsection shall be submitted in unclassified form,
3 but may include a classified annex.

4 (c) LIMITATION.—The Secretary of Defense may not
5 take any action to execute delivery of a foreign military
6 sale for major defense equipment subject to congressional
7 notification under section 36 of the Arms Export Control
8 Act (22 U.S.C. 2778) (made under a letter of offer issued
9 under the authority of the Arms Export Control Act before
10 the date of the enactment of this Act) to the Republic of
11 Turkey until the Secretary submits to the appropriate con-
12 gressional committees the report required under sub-
13 section (b).

14 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
15 DEFINED.—In this section, the term “appropriate con-
16 gressional committees” means—

- 17 (1) the congressional defense committees; and
18 (2) the Committee on Foreign Relations of the
19 Senate and Committee on Foreign Affairs of the
20 House of Representatives.

21 **SEC. 1272. SENSE OF CONGRESS ON UNITY OF GULF CO-**
22 **OPERATION COUNCIL MEMBER COUNTRIES.**

23 It is the sense of Congress that—

1 (1) the member countries of the Gulf Coopera-
2 tion Council (GCC) are important security coopera-
3 tion partners of the United States;

4 (2) the unity of GCC member countries is crit-
5 ical to facing growing threats from Iran; and

6 (3) timely normalization of diplomatic, security,
7 and economic relationships among GCC member
8 countries is in the best interest of the United States.

9 **SEC. 1273. REPORT ON UNITED STATES GOVERNMENT PO-**
10 **LICE TRAINING AND EQUIPPING PROGRAMS**
11 **FOR MEXICO.**

12 (a) REPORT REQUIRED.—Not later than July 1,
13 2019, the President shall submit to the appropriate con-
14 gressional committees a report on United States Govern-
15 ment police training and equipping programs for Mexico.

16 (b) ELEMENTS.—The report required under sub-
17 section (a) shall include the following:

18 (1) A list of all United States Government de-
19 partments and agencies involved in implementing the
20 programs.

21 (2) A description of the scope, size, and compo-
22 nents of the programs for fiscal years 2017 and
23 2018, to include for each such program—

24 (A) the types of units receiving such assist-
25 ance, including national police, gendarmerie,

1 counternarcotics police, counterterrorism police,
2 Formed Police Units, border security, and cus-
3 toms;

4 (B) the purpose and objectives of the pro-
5 gram;

6 (C) the funding and personnel levels for
7 the program in each such fiscal year;

8 (D) the authority under which the program
9 is conducted;

10 (E) the name of the United States Govern-
11 ment department or agency with lead responsi-
12 bility for the program and the mechanisms for
13 oversight of the program;

14 (F) the extent to which the program is im-
15 plemented by contractors or United States Gov-
16 ernment personnel; and

17 (G) the metrics for measuring the results
18 of the program and an assessment of the im-
19 pact achieved from the program.

20 (3) An assessment of the requirements for the
21 programs, and what changes, if any, are required to
22 improve the capacity of the United States Govern-
23 ment to meet such requirements.

1 (4) An evaluation of the appropriate role of
2 United States Government departments and agen-
3 cies in carrying out and coordinating the programs.

4 (5) An evaluation of the appropriate role of
5 contractors in carrying out the programs, and what
6 modifications, if any, are needed to improve over-
7 sight of such contractors.

8 (6) Recommendations for legislative modifica-
9 tions, if any, to existing authorities relating to the
10 programs.

11 (c) APPROPRIATE CONGRESSIONAL COMMITTEES.—
12 In this section, the term “appropriate congressional com-
13 mittees” means—

14 (1) the congressional defense committees; and

15 (2) the Committee on Foreign Relations, the
16 Committee on Homeland Security and Governmental
17 Affairs, and the Committee on the Judiciary of the
18 Senate and the Committee on Foreign Affairs, the
19 Committee on Homeland Security, and the Com-
20 mittee on the Judiciary of the House of Representa-
21 tives.

1 **SEC. 1274. AUTHORITY TO INCREASE ENGAGEMENT AND**
2 **MILITARY-TO-MILITARY COOPERATION WITH**
3 **WESTERN BALKANS COUNTRIES.**

4 (a) IN GENERAL.—The Secretary of Defense is au-
5 thorized to increase engagement and military-to-military
6 cooperation with Western Balkans countries under the au-
7 thorities of chapter 16 of title 10, United States Code.

8 (b) DEFINITION.—In this section, the term “Western
9 Balkans countries” means—

- 10 (1) Serbia;
- 11 (2) Bosnia and Herzegovina;
- 12 (3) Kosovo; and
- 13 (4) Macedonia.

14 **SEC. 1275. TECHNICAL CORRECTIONS RELATING TO DE-**
15 **FENSE SECURITY COOPERATION STATUTORY**
16 **REORGANIZATION.**

17 (a) CHAPTER REFERENCES.—The following provi-
18 sions of law are amended by striking “chapter 15” and
19 inserting “chapter 13”:

20 (1) Section 886(a)(5) of the Homeland Security
21 Act of 2002 (6 U.S.C. 466(a)(5)).

22 (2) Section 332(a)(1) of the Consolidated Farm
23 and Rural Development Act (7 U.S.C. 1982(a)(1)).

24 (3) Section 101(a)(13)(B) of title 10, United
25 States Code.

1 (4) Section 115(i)(6) of title 10, United States
2 Code.

3 (5) Section 12304(c)(1) of title 10, United
4 States Code.

5 (6) Section 484C(c)(3)(C)(v)) of the Higher
6 Education Act of 1965 (20 U.S.C.
7 1091c(c)(3)(C)(v)).

8 (b) SECTION REFERENCES.—(1) Title 10, United
9 States Code, is amended—

10 (A) in section 386(c)(1), by striking “Sections
11 311, 321, 331, 332, 333,” and inserting “Sections
12 246, 251, 252, 253, 321,”; and

13 (B) in section 10541(b)(9) in the matter pre-
14 ceding subparagraph (A), by striking “sections 331,
15 332, 333,” and inserting “sections 251, 252, 253,”.

16 (2) Section 484C(c)(3)(C)(i)) of the Higher Edu-
17 cation Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(i)) is
18 amended by striking “section 331, 332,” and inserting
19 “section 251, 252,”.

20 (c) OTHER TECHNICAL CORRECTIONS.—(1) Chapter
21 16 of title 10, United States Code, is amended—

22 (A) in section 311(a)(3), by striking “Secretary
23 to State” and inserting “Secretary of State”;

24 (B) in section 321(e), by striking “calender”
25 each place it appears and inserting “calendar”;

1 (C) in the table of sections at the beginning of
2 subchapter V of such chapter, by striking the item
3 relating to section 342 and inserting the following:

“342. Regional Centers for Security Studies.”;

4 (D) in section 347—

5 (i) in the heading of subsection (a)(7), by
6 striking “ETC.” and inserting “ETC”; and

7 (ii) in the heading of subsection (b)(3)(B),
8 by striking “ETC.” and inserting “ETC”; and

9 (E) in section 385(d)(1)(B), by striking “in-
10 clude” and inserting “including”.

11 (2) Section 1204(b) of the Carl Levin and Howard
12 P. “Buck” McKeon National Defense Authorization Act
13 for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C.
14 362 note) is amended—

15 (A) in paragraph (1), by striking “section
16 2249e” each place it appears and inserting “section
17 362”; and

18 (B) in paragraph (3), by striking “section
19 2249e” and inserting “section 301(1)”.

20 **SEC. 1276. UNITED STATES-ISRAEL COUNTERING UN-**
21 **MANNED AERIAL SYSTEMS COOPERATION.**

22 Section 1279(a) of the National Defense Authoriza-
23 tion Act for Fiscal Year 2016 (Public Law 114–92; 22
24 U.S.C. 8606 note), as most recently amended by section
25 1278 of the National Defense Authorization Act for Fiscal

1 Year 2018 (Public Law 115–91; 131 Stat. 1700), is fur-
2 ther amended—

3 (1) by inserting “and capabilities for countering
4 unmanned aerial systems” after “anti-tunnel capa-
5 bilities”; and

6 (2) by inserting “and unmanned aerial sys-
7 tems” after “underground tunnels”.

8 **SEC. 1277. THREE-YEAR EXTENSION OF AUTHORIZATION OF**
9 **NON-CONVENTIONAL ASSISTED RECOVERY**
10 **CAPABILITIES.**

11 Section 943(g) of the National Defense Authorization
12 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.
13 4579), as most recently amended by section 1051(n) of
14 the National Defense Authorization Act for Fiscal Year
15 2018 (Public Law 115–91; 131 Stat. 1564), is further
16 amended by striking “2021” and inserting “2024”.

17 **SEC. 1278. REVISION OF STATUTORY REFERENCES TO**
18 **FORMER NATO SUPPORT ORGANIZATIONS**
19 **AND RELATED NATO AGREEMENTS.**

20 Section 2350d of title 10, United States Code, is
21 amended—

22 (1) by striking “NATO Support Organization”
23 each place it appears and inserting “NATO Support
24 and Procurement Organization”;

1 (2) by striking “Support Partnership Agree-
2 ment” each place it appears and inserting “Support
3 or Procurement Partnership Agreement”;

4 (3) in subsection (a)(1), by striking “Support
5 Partnership Agreements” and inserting “Support or
6 Procurement Partnership Agreements”; and

7 (4) in subsection (b)(1), by striking “in Eu-
8 rope”.

9 **SEC. 1279. SENSE OF THE CONGRESS CONCERNING MILI-**
10 **TARY-TO-MILITARY DIALOGUES.**

11 It is the sense of Congress that—

12 (1) military-to-military dialogues, including in
13 the case of allies, partners, and adversaries and po-
14 tential adversaries, can be a useful and important
15 tool for advancing United States national security
16 objectives in a complex, interactive, and dynamic se-
17 curity environment;

18 (2) frameworks for military-to-military dia-
19 logues should be flexible and adaptable to such a se-
20 curity environment and should be informed by na-
21 tional security guidance, such as the 2017 National
22 Security Strategy and the 2018 National Defense
23 Strategy; and

24 (3) military-to-military dialogues can and
25 should be reliable, enduring, and tailorable based on

1 circumstance, so that such dialogues can be trusted
2 and available when needed, particularly amid esca-
3 lating tensions.

4 **SEC. 1280. MODIFICATIONS TO GLOBAL ENGAGEMENT CEN-**
5 **TER.**

6 Section 1287 of the National Defense Authorization
7 Act for Fiscal Year 2017 (22 U.S.C. 2656 note) is amend-
8 ed—

9 (1) by amending paragraph (2) of subsection
10 (a) to read as follows:

11 “(2) PURPOSE.—The purpose of the Center
12 shall be to direct, lead, synchronize, integrate, and
13 coordinate efforts of the Federal Government to rec-
14 ognize, understand, expose, and counter foreign
15 state and non-state propaganda and disinformation
16 efforts aimed at undermining or influencing the poli-
17 cies, security, or stability of the United States and
18 United States allies and partner nations.”;

19 (2) in subsection (b)—

20 (A) by amending paragraph (1) to read as
21 follows:

22 “(1) Direct, lead, synchronize, integrate, and
23 coordinate interagency and international efforts to
24 track and evaluate counterfactual narratives abroad
25 that threaten the policies, security, or stability of the

1 United States and United States allies and partner
2 nations.”;

3 (B) by amending paragraph (4) to read as
4 follows:

5 “(4) Identify current and emerging trends in
6 foreign propaganda and disinformation in order to
7 coordinate and shape the development of tactics,
8 techniques, and procedures to expose and refute for-
9 eign propaganda and disinformation, and pro-ac-
10 tively support the promotion of credible, fact-based
11 narratives and policies to audiences outside the
12 United States.”;

13 (C) by redesignating paragraphs (6)
14 through (10) as paragraphs (7) through (11),
15 respectively;

16 (D) by inserting after paragraph (5) the
17 following new paragraph:

18 “(6) Measure and evaluate the activities of the
19 Center, including the outcomes of such activities,
20 and implement mechanisms to ensure that the activi-
21 ties of the Center are updated to reflect the results
22 of such measurement and evaluation.”; and

23 (E) by amending paragraph (8), as so re-
24 designated, to read as follows:

1 “(8) Use information from appropriate inter-
2 agency entities to identify the countries, geographic
3 areas, and populations most susceptible to propa-
4 ganda and disinformation, as well as the countries,
5 geographic areas, and populations in which such
6 propaganda and disinformation is likely to cause the
7 most harm.”;

8 (3) in subsection (d), by amending paragraphs
9 (1) and (2) to read as follows:

10 “(1) DETAILEES AND ASSIGNEES.—Any Fed-
11 eral Government employee may be detailed or as-
12 signed to the Center with or without reimbursement,
13 consistent with applicable laws and regulations re-
14 garding such employee, and such detail or assign-
15 ment shall be without interruption or loss of status
16 or privilege.

17 “(2) OTHER PERSONNEL.—The Secretary of
18 State should, when hiring additional United States
19 citizen personnel, preference use of Foreign Service
20 limited appointments in accordance with section 309
21 of the Foreign Service Act of 1980 (22 U.S.C.
22 3949). The Secretary may hire United States citi-
23 zens or aliens, as appropriate, including as personal
24 services contractors, for purposes of personnel re-
25 sources of the Center, if—

1 “(A) the Secretary determines that exist-
2 ing personnel resources or expertise are insuffi-
3 cient;

4 “(B) the period in which services are pro-
5 vided by a personal services contractor, includ-
6 ing options, does not exceed 3 years, unless the
7 Secretary determines that exceptional cir-
8 cumstances justify an extension of up to one
9 additional year;

10 “(C) not more than 50 United States citi-
11 zens or aliens are employed as personal services
12 contractors under the authority of this para-
13 graph at any time; and

14 “(D) the authority of this paragraph is
15 only used to obtain specialized skills or experi-
16 ence or to respond to urgent needs.”;

17 (4) in subsection (e), by amending paragraphs
18 (1) and (2) to read as follows:

19 “(1) IN GENERAL.—For each of fiscal years
20 2019 and 2020, the Secretary of Defense is author-
21 ized to transfer, from amounts appropriated to the
22 Secretary pursuant to the authorization under this
23 Act, to the Secretary of State not more than
24 \$60,000,000, to carry out the functions of the Cen-
25 ter.

1 “(2) NOTICE REQUIREMENT.—The Secretary of
2 Defense shall notify the Committee on Armed Serv-
3 ices, the Committee on Appropriations, and the
4 Committee on Foreign Relations of the Senate and
5 the Committee on Armed Services, the Committee
6 on Appropriations, the Committee on Foreign Af-
7 fairs, and the Committee on Oversight and Govern-
8 ment Reform of the House of Representatives of a
9 proposed transfer under paragraph (1) not less than
10 15 days prior to 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 fected communities.

1 “(B) To collect and store examples of
2 print, online, and social media disinformation
3 and propaganda directed at the United States
4 or United States allies and partner nations.

5 “(C) To analyze and report on tactics,
6 techniques, and procedures of foreign informa-
7 tion 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 en-
20 tity has the credibility and capability to carry out ef-
21 fectively and in accordance with United States inter-
22 ests and objectives the purposes specified in para-
23 graph (1) for which such entity received such fund-
24 ing.”;

1 (6) by redesignating subsections (h) and (i) as
2 subsections (i) and (j), respectively; and

3 (7) by inserting after subsection (g) the fol-
4 lowing new subsection:

5 “(h) CONGRESSIONAL BRIEFINGS.—The Secretary of
6 State, together with the heads of other relevant Federal
7 departments and agencies, shall provide a briefing to the
8 Committee on Armed Services, the Committee on Appro-
9 priations, and the Committee on Foreign Relations of the
10 Senate and the Committee on Armed Services, the Com-
11 mittee on Appropriations, the Committee on Foreign Af-
12 fairs, and the Committee on Oversight and Government
13 Reform of the House of Representatives not less often
14 than annually regarding the activities of the Global En-
15 gagement Center. The briefings required under this sub-
16 section shall terminate on the date specified in subsection
17 (j).”.

18 **SEC. 1281. REPORT ON ACQUISITION AND CROSS-SERV-**
19 **ICING AGREEMENTS.**

20 (a) IN GENERAL.—Not later than 30 days after en-
21 tering into a cross-servicing agreement under section 2342
22 of title 10, United States Code, with a country or organi-
23 zation referred to in subsection (a)(1) of such section, and
24 every 180 days thereafter for such period of time as the
25 agreement remains in effect, the Secretary of Defense

1 shall submit to the Committee on Armed Services of the
2 Senate and the Committee on Armed Services of the
3 House of Representatives a report with respect to the
4 agreement.

5 (b) MATTERS TO BE INCLUDED.—The report re-
6 quired under subsection (a) shall include the following:

7 (1) The type of country or organization referred
8 to in subsection (a)(1) of section 2342 of title 10,
9 United States Code, with respect to which the Sec-
10 retary of Defense entered into the agreement.

11 (2) The date on which the agreement was en-
12 tered into under such section 2342.

13 (3) A description of the logistic support, sup-
14 plies, and services to be provided to the military
15 forces of the country or organization and any other
16 transactions associated with the agreement.

17 (4) The estimated dollar value of support pro-
18 vided by the United States under the agreement.

19 (5) A copy of the agreement, including all ap-
20 pendices.

21 (6) An assessment as to whether or not the
22 agreement is in United States national security in-
23 terests.

24 (7) The end date of the agreement.

1 (c) FORM.—The report required under subsection (a)
2 shall be submitted in unclassified form but may contain
3 a classified annex.

4 **SEC. 1282. PROHIBITION ON PROVISION OF WEAPONS AND**
5 **OTHER FORMS OF SUPPORT TO CERTAIN OR-**
6 **GANIZATIONS.**

7 None of the funds authorized to be appropriated by
8 this Act or otherwise made available to the Department
9 of Defense for fiscal year 2019 may be used to provide
10 weapons or any other form of support to—

11 (1) Al Qaeda, the Islamic State of Iraq and
12 Syria (ISIS), Jabhat Fateh al Sham, or any indi-
13 vidual or group affiliated with any such organiza-
14 tion; and

15 (2) any other entity that the Secretary of De-
16 fense determines may trade or sell arms to terrorist
17 organizations.

18 **SEC. 1283. CERTIFICATION AND AUTHORITY TO TERMINATE**
19 **FUNDING FOR ACADEMIC RESEARCH RELAT-**
20 **ING TO FOREIGN TALENT PROGRAMS.**

21 (a) PLAN REQUIRED.—Not later than 180 days after
22 the date of the enactment of this Act, and with respect
23 to funds authorized to be appropriated or otherwise made
24 available by this Act, the Secretary of Defense shall sub-
25 mit to the congressional defense committees a plan to im-

1 plement the certification requirement described in sub-
2 section (b) to ensure that applicants seeking such funds
3 for educational or academic training or research verify
4 that such funds shall not be made available to any indi-
5 vidual who has participated in or is currently participating
6 in a foreign talent or expert recruitment program of a
7 country listed in subsection (d).

8 (b) CERTIFICATION REQUIREMENT FOR FUNDING.—

9 Beginning not later than 1 year after the date of the en-
10 actment of this Act and with respect to funds authorized
11 to be appropriated or otherwise made available by this Act,
12 the Secretary of Defense shall require each applicant seek-
13 ing such funds for educational or academic training and
14 research, including at institutions of higher education (as
15 defined in section 101 of the Higher Education Act of
16 1965 (20 U.S.C. 1001)), policy institutes, federal labora-
17 tories, or research institutes, to include with the applica-
18 tion a certification that none of the funds received by such
19 applicant shall be made available to any individual who
20 has participated in or is currently participating in a for-
21 eign talent or expert recruitment program of a country
22 listed in subsection (d).

23 (c) AUTHORITY TO TERMINATE FUNDING.—Begin-
24 ning 1 year after the date of the enactment of this Act,
25 the Secretary of Defense may terminate existing funding

1 of, or prohibit the award of future funding to, a current
2 recipient if such recipient is unable to provide the certifi-
3 cation described in subsection (b) with respect to such ex-
4 isting funding.

5 (d) COUNTRIES LISTED.—The countries listed in this
6 subsection are the following:

7 (1) The People’s Republic of China.

8 (2) The Democratic People’s Republic of Korea.

9 (3) The Russian Federation.

10 (4) The Islamic Republic of Iran.

11 **SEC. 1284. SENSE OF CONGRESS ON SUPPORT FOR GEOR-**
12 **GIA.**

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

14 (1) Georgia is a valued friend of the United
15 States and has repeatedly demonstrated its commit-
16 ment to advancing the mutual interests of both
17 countries, including the deployment of Georgian
18 forces as part of the International Security Assist-
19 ance Force (ISAF) led by the North Atlantic Treaty
20 Organization (NATO) in Afghanistan and the Multi-
21 National Force in Iraq.

22 (2) The European Deterrence Initiative builds
23 the partnership capacity of Georgia so it can work
24 more closely with the United States and NATO, as
25 well as provide for its own defense.

1 (3) In addition to the European Deterrence Ini-
2 tiative, Georgia's participation in the NATO initia-
3 tive Partnership for Peace is paramount to inter-
4 operability with the United States and NATO, and
5 establishing a more peaceful environment in the re-
6 gion.

7 (4) Despite the losses suffered, as a NATO
8 partner of ISAF, Georgia is committed to the Reso-
9 lute Support Mission in Afghanistan with the fourth-
10 largest contingent on the ground.

11 (b) SENSE OF CONGRESS.—Congress—

12 (1) reaffirms United States support for Geor-
13 gia's sovereignty and territorial integrity within its
14 internationally-recognized borders, and does not rec-
15 ognize the independence of the Abkhazia and South
16 Ossetia regions currently occupied by the Russian
17 Federation; and

18 (2) supports continued cooperation between the
19 United States and Georgia and the efforts of the
20 Government of Georgia to provide for the defense of
21 its people and sovereign territory.

22 **SEC. 1285. SENSE OF CONGRESS ON SUPPORT FOR ESTO-**
23 **NIA, LATVIA, AND LITHUANIA.**

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

1 (1) The Baltic countries of Estonia, Latvia, and
2 Lithuania are highly valued allies of the United
3 States, and they have repeatedly demonstrated their
4 commitment to advancing our mutual interests as
5 well as those of the NATO Alliance.

6 (2) Operation Atlantic Resolve is a series of ex-
7 ercises and coordinating efforts demonstrating the
8 United States' commitment to its European partners
9 and allies, including the Baltic countries of Estonia,
10 Latvia, and Lithuania, with the shared goal of peace
11 and stability in the region. Operation Atlantic Re-
12 solve strengthens communication and understanding,
13 and is an important effort to deter Russian aggres-
14 sion in the region.

15 (3) Through Operation Atlantic Resolve, the
16 European Deterrence Initiative undertakes exercises,
17 training, and rotational presence necessary to reas-
18 sure and integrate our allies, including the Baltic
19 countries, into a common defense framework.

20 (4) All three Baltic countries contributed to the
21 NATO-led International Security Assistance Force
22 in Afghanistan, sending troops and operating with
23 few caveats. The Baltic countries continue to commit
24 resources and troops to the Resolute Support Mis-
25 sion in Afghanistan.

1 (b) SENSE OF CONGRESS.—Congress—

2 (1) reaffirms its support for the principle of col-
3 lective defense in Article 5 of the North Atlantic
4 Treaty for our NATO allies, including Estonia, Lat-
5 via, and Lithuania;

6 (2) supports the sovereignty, independence, ter-
7 ritorial integrity, and inviolability of Estonia, Latvia,
8 and Lithuania as well as their internationally recog-
9 nized borders, and expresses concerns over increas-
10 ingly aggressive military maneuvering by the Rus-
11 sian Federation near their borders and airspace;

12 (3) expresses concern over and condemns sub-
13 versive and destabilizing activities by the Russian
14 Federation within the Baltic countries; and

15 (4) encourages the Administration to further
16 enhance defense cooperation efforts with Estonia,
17 Latvia, and Lithuania and supports the efforts of
18 their Governments to provide for the defense of their
19 people and sovereign territory.

20 **SEC. 1286. REPORT ON UNITED STATES STRATEGY IN**
21 **YEMEN.**

22 Not later than February 1, 2019, the Secretary of
23 Defense shall submit to the congressional defense commit-
24 tees a report describing the strategy of the United States

1 Armed Forces with respect to Yemen that includes a de-
2 scription of—

3 (1) the activities that the United States Armed
4 Forces are currently undertaking in Yemen;

5 (2) the costs associated with the involvement of
6 the United States Armed Forces in Yemen, includ-
7 ing costs relating to counterterrorism activities, re-
8 fueling missions, or other military activities;

9 (3) the key United States military interests, ob-
10 jectives, long-term goals, and end-states for Yemen;

11 (4) indicators for the effectiveness of United
12 States military efforts to achieve such interests, ob-
13 jectives, goals, or end-states;

14 (5) how current United States military efforts
15 in Yemen align with such objectives;

16 (6) the estimated annual resources required
17 through fiscal year 2022 for the United States
18 Armed Forces to achieve such objectives;

19 (7) the current legal authorities supporting
20 United States military efforts in Yemen; and

21 (8) any other matters the Secretary determines
22 to be relevant.

23 **SEC. 1287. REPORT ON HIZBALLAH.**

24 (a) IN GENERAL.—Not later than 90 days after en-
25 actment of this Act, the President shall provide to the ap-

1 appropriate congressional committees a report on Hizballah.

2 Such report shall include each of the following:

3 (1) An accounting of Hizballah's known rocket
4 arsenal.

5 (2) An evaluation of the impact of the United
6 Nations Interim Force in Lebanon mandate.

7 (3) An evaluation of the tactical and strategic
8 capabilities of Hizballah, including such capabilities
9 related to defense.

10 (4) A detailed description of the known supply
11 routes used in the illegal procurement of weapons
12 for Hizballah.

13 (5) An estimate of companies and other entities
14 that support Hizballah's network.

15 (6) An assessment of the effects of the inter-
16 ference of Hizballah in conflicts throughout the Mid-
17 dle East region.

18 (7) An assessment of how Hizballah raises,
19 holds, and spends funds in territories where United
20 Nations Interim Force in Lebanon operates.

21 (b) APPROPRIATE CONGRESSIONAL COMMITTEES.—

22 In this section, the term “appropriate congressional com-
23 mittees” means—

24 (1) the Committees on Armed Services of the
25 Senate and House of Representatives;

1 (2) the Committee on Foreign Affairs of the
2 House of Representatives;

3 (3) the Committee on Foreign Relations of the
4 Senate;

5 (4) the Permanent Select Committee on Intel-
6 ligence of the House of Representatives; and

7 (5) the Select Committee on Intelligence of the
8 Senate.

9 **TITLE XIII—COOPERATIVE**
10 **THREAT REDUCTION**

11 **SEC. 1301. FUNDING ALLOCATIONS.**

12 Of the \$335,240,000 authorized to be appropriated
13 to the Department of Defense for fiscal year 2019 in sec-
14 tion 301 and made available by the funding table in divi-
15 sion D for the Department of Defense Cooperative Threat
16 Reduction Program established under section 1321 of the
17 Department of Defense Cooperative Threat Reduction Act
18 (50 U.S.C. 3711), the following amounts may be obligated
19 for the purposes specified:

20 (1) For strategic offensive arms elimination,
21 \$2,823,000.

22 (2) For chemical weapons destruction,
23 \$5,446,000.

24 (3) For global nuclear security, \$29,001,000.

1 (4) For cooperative biological engagement,
2 \$197,585,000.

3 (5) For proliferation prevention, \$74,937,000.

4 (6) For activities designated as Other Assess-
5 ments/Administrative Costs, \$25,448,000.

6 **SEC. 1302. SPECIFICATION OF COOPERATIVE THREAT RE-**
7 **DUCTION FUNDS.**

8 Funds appropriated pursuant to the authorization of
9 appropriations in section 301 and made available by the
10 funding table in division D for the Department of Defense
11 Cooperative Threat Reduction Program shall be available
12 for obligation for fiscal years 2019, 2020, and 2021.

13 **TITLE XIV—OTHER**
14 **AUTHORIZATIONS**
15 **Subtitle A—Military Programs**

16 **SEC. 1401. WORKING CAPITAL FUNDS.**

17 Funds are hereby authorized to be appropriated for
18 fiscal year 2019 for the use of the Armed Forces and other
19 activities and agencies of the Department of Defense for
20 providing capital for working capital and revolving funds,
21 as specified in the funding table in section 4501.

22 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**
23 **TION, DEFENSE.**

24 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
25 are hereby authorized to be appropriated for the Depart-

1 ment of Defense for fiscal year 2019 for expenses, not oth-
2 erwise provided for, for Chemical Agents and Munitions
3 Destruction, Defense, as specified in the funding table in
4 section 4501.

5 (b) USE.—Amounts authorized to be appropriated
6 under subsection (a) are authorized for—

7 (1) the destruction of lethal chemical agents
8 and munitions in accordance with section 1412 of
9 the Department of Defense Authorization Act, 1986
10 (50 U.S.C. 1521); and

11 (2) the destruction of chemical warfare materiel
12 of the United States that is not covered by section
13 1412 of such Act.

14 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**
15 **TIVITIES, DEFENSE-WIDE.**

16 Funds are hereby authorized to be appropriated for
17 the Department of Defense for fiscal year 2019 for ex-
18 penses, not otherwise provided for, for Drug Interdiction
19 and Counter-Drug Activities, Defense-wide, as specified in
20 the funding table in section 4501.

21 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

22 Funds are hereby authorized to be appropriated for
23 the Department of Defense for fiscal year 2019 for ex-
24 penses, not otherwise provided for, for the Office of the

1 Inspector General of the Department of Defense, as speci-
2 fied in the funding table in section 4501.

3 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

4 Funds are hereby authorized to be appropriated for
5 fiscal year 2019 for the Defense Health Program for use
6 of the Armed Forces and other activities and agencies of
7 the Department of Defense for providing for the health
8 of eligible beneficiaries, as specified in the funding table
9 in section 4501.

10 **SEC. 1406. NATIONAL DEFENSE SEALIFT FUND.**

11 Funds are hereby authorized to be appropriated for
12 fiscal year 2019 for the National Defense Sealift Fund,
13 as specified in the funding tables in section 4501.

14 **Subtitle B—Other Matters**

15 **SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**

16 **DEPARTMENT OF DEFENSE-DEPARTMENT OF**

17 **VETERANS AFFAIRS MEDICAL FACILITY DEM-**

18 **ONSTRATION FUND FOR CAPTAIN JAMES A.**

19 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

20 (a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the
21 funds authorized to be appropriated by section 1405 and
22 available for the Defense Health Program for operation
23 and maintenance, \$113,000,000 may be transferred by the
24 Secretary of Defense to the Joint Department of Defense—
25 Department of Veterans Affairs Medical Facility Dem-

1 onstration Fund established by subsection (a)(1) of sec-
2 tion 1704 of the National Defense Authorization Act for
3 Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571).
4 For purposes of subsection (a)(2) of such section 1704,
5 any funds so transferred shall be treated as amounts au-
6 thorized and appropriated specifically for the purpose of
7 such a transfer.

8 (b) USE OF TRANSFERRED FUNDS.—For the pur-
9 poses of subsection (b) of such section 1704, facility oper-
10 ations for which funds transferred under subsection (a)
11 may be used are operations of the Captain James A.
12 Lovell Federal Health Care Center, consisting of the
13 North Chicago Veterans Affairs Medical Center, the Navy
14 Ambulatory Care Center, and supporting facilities des-
15 ignated as a combined Federal medical facility under an
16 operational agreement covered by section 706 of the Dun-
17 can Hunter National Defense Authorization Act for Fiscal
18 Year 2009 (Public Law 110–417; 122 Stat. 4500).

19 **SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR**
20 **ARMED FORCES RETIREMENT HOME.**

21 There is hereby authorized to be appropriated for fis-
22 cal year 2019 from the Armed Forces Retirement Home
23 Trust Fund the sum of \$64,300,000 for the operation of
24 the Armed Forces Retirement Home.

1 **SEC. 1413. QUARTERLY BRIEFING ON PROGRESS OF CHEM-**
2 **ICAL DEMILITARIZATION PROGRAM.**

3 Section 1412(j) of the Department of Defense Au-
4 thorization Act, 1986 (50 U.S.C. 1521(j)) is amended—

5 (1) in the heading, by striking “Semiannual Re-
6 ports” and inserting “QUARTERLY BRIEFING”;

7 (2) in paragraph (1)—

8 (A) by striking “March 1” and all that fol-
9 lows through “the year in which” and inserting
10 “90 days after the date of the enactment of the
11 National Defense Authorization Act for Fiscal
12 Year 2019, and every 90 days thereafter until”;

13 (B) by striking “submit to” and inserting
14 “brief”;

15 (C) by striking “a report on the implemen-
16 tation” and inserting “on the progress made”;
17 and

18 (D) by striking “of its chemical weapons
19 destruction obligations” and inserting “toward
20 fulfilling its chemical weapons destruction obli-
21 gations”; and

22 (3) by striking paragraph (2) and inserting the
23 following:

24 “(2) Each briefing under paragraph (1) shall
25 include a description of contractor costs and per-
26 formance relative to schedule, the progress to date

1 toward the complete destruction of the stockpile, and
2 any other information the Secretary determines to
3 be relevant.”.

4 **TITLE XV—AUTHORIZATION OF**
5 **ADDITIONAL APPROPRIA-**
6 **TIONS FOR OVERSEAS CON-**
7 **TINGENCY OPERATIONS**
8 **Subtitle A—Authorization of**
9 **Appropriations**

10 **SEC. 1501. PURPOSE OF CERTAIN AUTHORIZATIONS OF AP-**
11 **PROPRIATIONS.**

12 The purpose of this subtitle is to authorize appropria-
13 tions for the Department of Defense for fiscal year 2019
14 to provide additional funds for overseas contingency oper-
15 ations being carried out by the Armed Forces.

16 **SEC. 1502. PROCUREMENT.**

17 Funds are hereby authorized to be appropriated for
18 fiscal year 2019 for procurement accounts for the Army,
19 the Navy and the Marine Corps, the Air Force, and De-
20 fense-wide activities, as specified in the funding table in
21 section 4102.

22 **SEC. 1503. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
23 **TION.**

24 Funds are hereby authorized to be appropriated for
25 fiscal year 2019 for the use of the Department of Defense

1 for research, development, test, and evaluation, as speci-
2 fied in the funding table in section 4202.

3 **SEC. 1504. OPERATION AND MAINTENANCE.**

4 Funds are hereby authorized to be appropriated for
5 fiscal year 2019 for the use of the Armed Forces and other
6 activities and agencies of the Department of Defense for
7 expenses, not otherwise provided for, for operation and
8 maintenance, as specified in the funding table in section
9 4302.

10 **SEC. 1505. MILITARY PERSONNEL.**

11 Funds are hereby authorized to be appropriated for
12 fiscal year 2019 for the use of the Armed Forces and other
13 activities and agencies of the Department of Defense for
14 expenses, not otherwise provided for, for military per-
15 sonnel, as specified in the funding table in section 4402.

16 **SEC. 1506. WORKING CAPITAL FUNDS.**

17 Funds are hereby authorized to be appropriated for
18 fiscal year 2019 for the use of the Armed Forces and other
19 activities and agencies of the Department of Defense for
20 providing capital for working capital and revolving funds,
21 as specified in the funding table in section 4502.

22 **SEC. 1507. DRUG INTERDICTION AND COUNTER-DRUG AC-**
23 **TIVITIES, DEFENSE-WIDE.**

24 Funds are hereby authorized to be appropriated for
25 the Department of Defense for fiscal year 2019 for ex-

1 penses, not otherwise provided for, for Drug Interdiction
2 and Counter-Drug Activities, Defense-wide, as specified in
3 the funding table in section 4502.

4 **SEC. 1508. DEFENSE INSPECTOR GENERAL.**

5 Funds are hereby authorized to be appropriated for
6 the Department of Defense for fiscal year 2019 for ex-
7 penses, not otherwise provided for, for the Office of the
8 Inspector General of the Department of Defense, as speci-
9 fied in the funding table in section 4502.

10 **SEC. 1509. DEFENSE HEALTH PROGRAM.**

11 Funds are hereby authorized to be appropriated for
12 the Department of Defense for fiscal year 2019 for ex-
13 penses, not otherwise provided for, for the Defense Health
14 Program, as specified in the funding table in section 4502.

15 **Subtitle B—Financial Matters**

16 **SEC. 1511. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

17 The amounts authorized to be appropriated by this
18 title are in addition to amounts otherwise authorized to
19 be appropriated by this Act.

20 **SEC. 1512. SPECIAL TRANSFER AUTHORITY.**

21 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

22 (1) **AUTHORITY.**—Upon determination by the
23 Secretary of Defense that such action is necessary in
24 the national interest, the Secretary may transfer
25 amounts of authorizations made available to the De-

1 partment of Defense in this title for fiscal year 2019
2 between any such authorizations for that fiscal year
3 (or any subdivisions thereof). Amounts of authoriza-
4 tions so transferred shall be merged with and be
5 available for the same purposes as the authorization
6 to which transferred.

7 (2) LIMITATION.—The total amount of author-
8 izations that the Secretary may transfer under the
9 authority of this subsection may not exceed
10 \$4,500,000,000.

11 (b) TERMS AND CONDITIONS.—Transfers under this
12 section shall be subject to the same terms and conditions
13 as transfers under section 1001.

14 (c) ADDITIONAL AUTHORITY.—The transfer author-
15 ity provided by this section is in addition to the transfer
16 authority provided under section 1001.

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

19 **SEC. 1521. AFGHANISTAN SECURITY FORCES FUND.**

20 (a) CONTINUATION OF PRIOR AUTHORITIES AND NO-
21 TICE AND REPORTING REQUIREMENTS.—Funds available
22 to the Department of Defense for the Afghanistan Secu-
23 rity Forces Fund for fiscal year 2019 shall be subject to
24 the conditions contained in subsections (b) through (g) of
25 section 1513 of the National Defense Authorization Act

1 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
2 428), as amended by section 1531(b) of the Ike Skelton
3 National Defense Authorization Act for Fiscal Year 2011
4 (Public Law 111–383; 124 Stat. 4424).

5 (b) EQUIPMENT DISPOSITION.—

6 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—

7 Subject to paragraph (2), the Secretary of Defense
8 may accept equipment that is procured using
9 amounts in the Afghanistan Security Forces Fund
10 authorized under this Act and is intended for trans-
11 fer to the security forces of Afghanistan, but is not
12 accepted by such security forces.

13 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-
14 MENT.—Before accepting any equipment under the
15 authority provided by paragraph (1), the Com-
16 mander of United States forces in Afghanistan shall
17 make a determination that the equipment was pro-
18 cured for the purpose of meeting requirements of the
19 security forces of Afghanistan, as agreed to by both
20 the Government of Afghanistan and the United
21 States, but is no longer required by such security
22 forces or was damaged before transfer to such secu-
23 rity forces.

24 (3) ELEMENTS OF DETERMINATION.—In mak-
25 ing a determination under paragraph (2) regarding

1 equipment, the Commander of United States forces
2 in Afghanistan shall consider alternatives to Sec-
3 retary of Defense acceptance of the equipment. An
4 explanation of each determination, including the
5 basis for the determination and the alternatives con-
6 sidered, shall be included in the relevant quarterly
7 report required under paragraph (5).

8 (4) TREATMENT AS DEPARTMENT OF DEFENSE
9 STOCKS.—Equipment accepted under the authority
10 provided by paragraph (1) may be treated as stocks
11 of the Department of Defense upon notification to
12 the congressional defense committees of such treat-
13 ment.

14 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-
15 POSITION.—

16 (A) IN GENERAL.—Not later than 90 days
17 after the date of the enactment of this Act and
18 every 90-day period thereafter during which the
19 authority provided by paragraph (1) is exer-
20 cised, the Secretary of Defense shall submit to
21 the congressional defense committees a report
22 describing the equipment accepted during the
23 period covered by such report under the fol-
24 lowing:

25 (i) This subsection.

1 (ii) Section 1521(b) of the National
2 Defense Authorization Act for Fiscal Year
3 2018 (Public Law 115–91; 131 Stat.
4 1711)

5 (iii) Section 1521(b) of the National
6 Defense Authorization Act for Fiscal Year
7 2017 (Public Law 114–328; 130 Stat.
8 2575).

9 (iv) Section 1531(b) of the National
10 Defense Authorization Act for Fiscal Year
11 2016 (Public Law 114–92; 129 Stat.
12 1088).

13 (v) Section 1532(b) of the Carl Levin
14 and Howard P. “Buck” McKeon National
15 Defense Authorization Act for Fiscal Year
16 2015 (Public Law 113–291; 128 Stat.
17 3613).

18 (vi) Section 1531(d) of the National
19 Defense Authorization Act for Fiscal Year
20 2014 (Public Law 113–66; 127 Stat. 938;
21 10 U.S.C. 2302 note).

22 (B) ELEMENTS.—Each report under sub-
23 paragraph (A) shall include a list of all equip-
24 ment that was accepted during the period cov-
25 ered by the report and treated as stocks of the

1 Department of Defense and copies of the deter-
2 minations made under paragraph (2), as re-
3 quired by paragraph (3).

4 (c) SECURITY OF AFGHAN WOMEN.—

5 (1) IN GENERAL.—Of the funds available to the
6 Department of Defense for the Afghanistan Security
7 Forces Fund for fiscal year 2019, it is the goal that
8 \$18,000,000, but in no event less than \$10,000,000,
9 shall be used for—

10 (A) the recruitment, integration, retention,
11 training, and treatment of women in the Af-
12 ghan National Defense and Security Forces;
13 and

14 (B) the recruitment, training, and con-
15 tracting of female security personnel for future
16 elections.

17 (2) TYPES OF PROGRAMS AND ACTIVITIES.—
18 Such programs and activities may include—

19 (A) efforts to recruit women into the Af-
20 ghan National Defense and Security Forces, in-
21 cluding the special operations forces;

22 (B) programs and activities of the Afghan
23 Ministry of Defense Directorate of Human
24 Rights and Gender Integration and the Afghan

1 Ministry of Interior Office of Human Rights,
2 Gender and Child Rights;

3 (C) development and dissemination of gen-
4 der and human rights educational and training
5 materials and programs within the Afghan Min-
6 istry of Defense and the Afghan Ministry of In-
7 terior;

8 (D) efforts to address harassment and vio-
9 lence against women within the Afghan Na-
10 tional Defense and Security Forces;

11 (E) improvements to infrastructure that
12 address the requirements of women serving in
13 the Afghan National Defense and Security
14 Forces, including appropriate equipment for fe-
15 male security and police forces, and transpor-
16 tation for policewomen to their station;

17 (F) support for Afghanistan National Po-
18 lice Family Response Units; and

19 (G) security provisions for high-profile fe-
20 male police and army officers.

21 (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON
22 SECURITY COOPERATION OBJECTIVES.—

23 (1) ASSESSMENT REQUIRED.—Not later than
24 June 1, 2019, the Secretary of Defense shall, in con-
25 sultation with the Secretary of State, submit to the

1 Committee on Armed Services and the Committee on
2 Foreign Affairs of the House of Representatives and
3 the Committee on Armed Services and the Com-
4 mittee on Foreign Relations of the Senate an assess-
5 ment describing the efforts of the Government of the
6 Islamic Republic of Afghanistan to manage, employ,
7 and sustain the equipment and inventory provided
8 through the authority under subsection (a). In con-
9 ducting such assessment, the Secretary of Defense
10 shall consider each of the following:

11 (A) The ability of the Afghanistan Min-
12 istry of Defense and the Ministry of Interior to
13 manage and account for previously-divested
14 equipment, including a description of any
15 vulnerabilities or weaknesses of each such Min-
16 istry's internal controls and any plan in place to
17 address shortfalls.

18 (B) A description of the monitoring and
19 evaluation systems in place to ensure assistance
20 provided through such authority is used only
21 for the intended purposes.

22 (C) Any irregularities in the divestment of
23 equipment to the Afghan National Defense and
24 Security Forces during the period beginning on
25 the date of the creation of the Afghanistan Se-

1 security Forces Fund, including any major losses
2 of such equipment or any inability on the part
3 of the Afghan National Defense and Security
4 Forces to account for equipment so procured.

5 (D) A description of the sustainment and
6 maintenance costs required for major weapons
7 platforms previously divested, over the 5-year
8 period beginning on the date of the enactment
9 of this Act and a plan for how the Afghan Na-
10 tional Defense and Security Forces intends to
11 maintain such platforms in the future.

12 (E) An assessment of the distribution
13 practices of the Afghan National Defense and
14 Security Forces, including the manner in which
15 equipment received through the Afghanistan
16 Security Forces Fund is employed.

17 (F) The degree to which the Government
18 of Afghanistan is effectively implementing an
19 anti-corruption strategy.

20 (G) The extent to which the Government
21 of Afghanistan is adhering to conditions for re-
22 ceiving assistance established in annual finan-
23 cial commitment letters or any other bilateral
24 agreements with the United States.

1 (2) WITHHOLDING OF ASSISTANCE FOR INSUF-
2 FICIENT PROGRESS.—

3 (A) IN GENERAL.—If the Secretary of De-
4 fense determines, in consultation with the Sec-
5 retary of State and taking into consideration
6 the assessment under paragraph (1), that the
7 Government of Afghanistan has made insuffi-
8 cient progress toward maintaining and employ-
9 ing equipment provided by the United States,
10 the Secretary of Defense may withhold assist-
11 ance for the Afghan National Defense and Se-
12 curity Forces under this section until such time
13 as the Secretary determines sufficient progress
14 has been made.

15 (B) NOTICE TO CONGRESS.—The Sec-
16 retary of Defense shall, in coordination with the
17 Secretary of State, provide notice to Congress—

18 (i) not later than 30 days after mak-
19 ing a decision to withhold assistance pur-
20 suant to subparagraph (A); and

21 (ii) not later than 30 days before re-
22 suming any such assistance pursuant to
23 such subparagraph.

1 **SEC. 1522. JOINT IMPROVISED-THREAT DEFEAT FUND.**

2 (a) USE AND TRANSFER OF FUNDS.—Subsections
3 (b) and (c) of section 1514 of the John Warner National
4 Defense Authorization Act for Fiscal Year 2007 (Public
5 Law 109–364; 120 Stat. 2439), as in effect before the
6 amendments made by section 1503 of the Duncan Hunter
7 National Defense Authorization Act for Fiscal Year 2009
8 (Public Law 110–417; 122 Stat. 4649), shall apply to the
9 funds made available for fiscal year 2019 to the Depart-
10 ment of Defense for the Joint Improvised-Threat Defeat
11 Fund.

12 (b) INTERDICTION OF IMPROVISED EXPLOSIVE DE-
13 VICE PRECURSOR CHEMICALS.—

14 (1) AVAILABILITY OF FUNDS.—Of the funds
15 made available to the Department of Defense for the
16 Joint Improvised-Threat Defeat Fund for fiscal year
17 2019, \$15,000,000 may be available to the Secretary
18 of Defense, with the concurrence of the Secretary of
19 State, to provide training, equipment, supplies, and
20 services to ministries and other entities of foreign
21 governments that the Secretary has identified as
22 critical for countering the flow of improvised explo-
23 sive device precursor chemicals.

24 (2) PROVISION THROUGH OTHER US AGEN-
25 CIES.—If jointly agreed upon by the Secretary of
26 Defense and the head of another department or

1 agency of the United States Government, the Sec-
2 retary of Defense may transfer funds available
3 under paragraph (1) to such department or agency
4 for the provision by such department or agency of
5 training, equipment, supplies, and services to min-
6 istries and other entities of foreign governments as
7 described in that paragraph.

8 (3) NOTICE TO CONGRESS.—None of the funds
9 made available pursuant to paragraph (1) may be
10 obligated or expended to supply training, equipment,
11 supplies, or services to a foreign country before the
12 date that is 15 days after the date on which the Sec-
13 retary of Defense, in coordination with the Secretary
14 of State, submits to the Committee on Armed Serv-
15 ices and the Committee on Foreign Relations of the
16 Senate and the Committee on Armed Services and
17 the Committee on Foreign Affairs of the House of
18 Representatives a notice that contains—

19 (A) the foreign country for which training,
20 equipment, supplies, or services are proposed to
21 be supplied;

22 (B) a description of the training, equip-
23 ment, supplies, and services to be provided
24 using such funds;

1 (C) a detailed description of the amount of
2 funds proposed to be obligated or expended to
3 supply such training, equipment, supplies or
4 services, including any funds proposed to be ob-
5 ligated or expended to support the participation
6 of another department or agency of the United
7 States and a description of the training, equip-
8 ment, supplies, or services proposed to be sup-
9 plied;

10 (D) an evaluation of the effectiveness of
11 the efforts of the foreign country identified
12 under subparagraph (A) to counter the flow of
13 improvised explosive device precursor chemicals;
14 and

15 (E) an overall plan for countering the flow
16 of precursor chemicals in the foreign country
17 identified under subparagraph (A).

18 (4) EXPIRATION.—The authority provided by
19 this subsection expires on December 31, 2019.

20 (c) TRANSITION PLAN REQUIRED.—Not later than
21 March 1, 2019, the Secretary of Defense shall submit to
22 the Committees on Armed Services of the House of Rep-
23 resentatives and the Senate a plan to transition funding
24 for the Joint Improvised-Threat Defeat Fund from
25 amounts made available for overseas contingency oper-

1 ations to amounts otherwise made available for the pur-
2 poses of such Fund.

3 **TITLE XVI—STRATEGIC PRO-**
4 **GRAMS, CYBER, AND INTEL-**
5 **LIGENCE MATTERS**

6 **Subtitle A—Space Activities**

7 **SEC. 1601. IMPROVEMENTS TO ACQUISITION SYSTEM, PER-**
8 **SONNEL, AND ORGANIZATION OF SPACE**
9 **FORCES.**

10 (a) PLAN FOR ACQUISITION SYSTEM.—

11 (1) DEVELOPMENT.—The Deputy Secretary of
12 Defense shall develop a plan to establish a separate,
13 alternative acquisition system for defense space ac-
14 quisitions, including with respect to procuring space
15 vehicles, ground segments relating to such vehicles,
16 and satellite terminals.

17 (2) REQUIREMENTS PROCESS.—The plan devel-
18 oped under paragraph (1) shall include recommenda-
19 tions of the Deputy Secretary with respect to wheth-
20 er the separate, alternative acquisition system de-
21 scribed in the plan should use the Joint Capabilities
22 Integration and Development System process or in-
23 stead use a new requirements process developed by
24 the Deputy Secretary in a manner that ensures that
25 requirements for a program are synchronized across

1 the space vehicles, ground segments relating to such
2 vehicles, and satellite terminals, of the program.

3 (3) EXCEPTION.—The plan developed under
4 paragraph (1) shall cover defense space acquisitions
5 except with respect to the National Reconnaissance
6 Office and other elements of the Department of De-
7 fense that are elements of the intelligence commu-
8 nity (as defined in section 3 of the National Security
9 Act of 1947 (50 U.S.C. 3003)).

10 (4) SUBMISSION.—Not later than December 31,
11 2019, the Deputy Secretary shall submit to the con-
12 gressional defense committees a report containing
13 the plan developed under paragraph (1).

14 (b) CADRE DEVELOPMENT.—

15 (1) PLAN.—

16 (A) DEVELOPMENT.—The Secretary of the
17 Air Force shall develop and implement a plan
18 to increase the number and improve the quality
19 of the space cadre of the Air Force.

20 (B) MATTERS INCLUDED.—The plan devel-
21 oped under subparagraph (A) shall address the
22 following:

23 (i) Managing the career progression of
24 members of the Armed Forces and civilian
25 employees of the Department who form the

1 space cadre of the Air Force throughout
2 the military or civilian career of the mem-
3 ber or the employee, as the case may be,
4 including with respect to—

5 (I) defining career professional
6 milestones;

7 (II) pay and incentive structures;

8 (III) the management and over-
9 sight of the space cadre;

10 (IV) training relating to planning
11 and executing warfighting missions
12 and operations in space;

13 (V) conducting periodic cadre-
14 wide professional assessments to de-
15 termine how the cadre is developing
16 as a group; and

17 (VI) establishing a centralized
18 method to control personnel assign-
19 ments and distribution.

20 (ii) The identification of future space-
21 related career fields that the Secretary de-
22 termines appropriate, including a space ac-
23 quisition career field.

24 (iii) The identification of any overlap
25 that exists among operations and acquisi-

1 tions career fields to determine opportuni-
2 ties for cross-functional career opportuni-
3 ties.

4 (C) SUBMISSION.—Not later than March
5 1, 2019, the Secretary shall submit to the con-
6 gressional defense committees a report con-
7 taining the plan developed under subparagraph
8 (A).

9 (2) NUMBERED AIR FORCE.—

10 (A) ESTABLISHMENT.—Not later than De-
11 cember 31, 2019, the Secretary of the Air
12 Force shall establish as part of the Air Force
13 a new numbered Air Force that is—

14 (i) responsible for carrying out space
15 warfighting operations; and

16 (ii) assigned to the United States
17 Space Command established by section 169
18 of title 10, United States Code, as added
19 by subsection (c).

20 (B) EFFECT ON 14TH AIR FORCE.—The
21 establishment of a new numbered Air Force
22 under subparagraph (A) shall not effect the
23 space support mission of the 14th Air Force,
24 including with respect to—

1 (i) space launches, training, and exer-
2 cises; and

3 (ii) being assigned to the Air Force
4 Space Command.

5 (C) PLAN.—Not later than December 31,
6 2019, the Secretary shall submit to the congres-
7 sional defense committees a plan to establish
8 the new numbered Air Force under subpara-
9 graph (A).

10 (c) ESTABLISHMENT OF SUBORDINATE UNIFIED
11 COMMAND.—

12 (1) IN GENERAL.—Chapter 6 of title 10, United
13 States Code, is amended by adding at the end the
14 following new section:

15 **“§ 169. Subordinate unified command of the United**
16 **States Strategic Command**

17 “(a) ESTABLISHMENT.—With the advice and assist-
18 ance of the Chairman of the Joint Chiefs of Staff, the
19 President, through the Secretary of Defense, shall estab-
20 lish under the United States Strategic Command a subor-
21 dinate unified command to be known as the United States
22 Space Command (in this section referred to as ‘space com-
23 mand’) for carrying out joint space warfighting oper-
24 ations.

1 “(b) ASSIGNMENT OF FORCES.—Unless otherwise di-
2 rected by the Secretary of Defense, all active and reserve
3 space warfighting operational forces of the armed forces
4 shall be assigned to the space command, including the
5 numbered Air Force responsible for carrying out space
6 warfighting operations.

7 “(c) COMMANDER.—(1) The commander of the space
8 command shall hold the grade of general or, in the case
9 of an officer of the Navy, admiral while serving in that
10 position, without vacating the permanent grade of the offi-
11 cer. The commander shall be appointed to that grade by
12 the President, by and with the advice and consent of the
13 Senate, for service in that position. The position shall be
14 designated, pursuant to subsection (b) of section 526 of
15 this title, as one of the general officer and flag officer posi-
16 tions to be excluded from the limitations in subsection (a)
17 of such section.

18 “(2) During the three-year period following the date
19 on which the space command is established, the com-
20 mander of the Air Force Space Command may also serve
21 as the commander of the space command so established.
22 After such period, one individual may not concurrently
23 serve as both such commanders.

24 “(d) AUTHORITY OF COMMANDER.—(1) Subject to
25 the authority, direction, and control of the commander of

1 the United States Strategic Command, the commander of
2 the space command shall be responsible for, and shall have
3 the authority to conduct, all affairs of such command re-
4 lating to joint space warfighting operations.

5 “(2)(A) Subject to the authority, direction, and con-
6 trol of the Deputy Secretary of Defense, the commander
7 of the space command shall be responsible for, and shall
8 have the authority to conduct, the following functions re-
9 lating to joint space warfighting operations (whether or
10 not relating to the space command):

11 “(i) Developing strategy, doctrine, and tactics.

12 “(ii) Preparing and submitting to the Secretary
13 of Defense program recommendations and budget
14 proposals for space operations forces and for other
15 forces assigned to the space command.

16 “(iii) Exercising authority, direction, and con-
17 trol over the expenditure of funds for forces assigned
18 directly to the space command.

19 “(iv) Training and certification of assigned
20 joint forces.

21 “(v) Conducting specialized courses of instruc-
22 tion for commissioned and noncommissioned officers.

23 “(vi) Validating requirements.

24 “(vii) Establishing priorities for requirements.

1 “(viii) Ensuring the interoperability of equip-
2 ment and forces.

3 “(ix) Formulating and submitting requirements
4 for intelligence support.

5 “(x) Monitoring the promotion of space oper-
6 ation forces and coordinating with the military de-
7 partments regarding the assignment, retention,
8 training, professional military education, and special
9 and incentive pays of space operation forces.

10 “(B) The authority, direction, and control exercised
11 by the Deputy Secretary of Defense for purposes of this
12 paragraph is authority, direction, and control with respect
13 to the administration and support of the space command,
14 including readiness and organization of space operations
15 forces, space operations-peculiar equipment and resources,
16 and civilian personnel.

17 “(C) Nothing in this paragraph shall be construed as
18 providing the Deputy Secretary of Defense authority, di-
19 rection, and control of operational matters that are subject
20 to the operational chain of command of the combatant
21 commands or the exercise of authority, direction, and con-
22 trol of personnel, resources, equipment, and other matters
23 that are not space-operations peculiar and that are in the
24 purview of the armed forces.

1 “(3) The commander of the space command shall be
2 responsible for—

3 “(A) ensuring the combat readiness of forces
4 assigned to the space command; and

5 “(B) monitoring the preparedness to carry out
6 assigned missions of space forces assigned to unified
7 combatant commands other than the United States
8 Strategic Command.

9 “(4) The staff of the commander shall include an in-
10 spector general who shall conduct internal audits and in-
11 spections of purchasing and contracting actions through
12 the space command and such other inspector general func-
13 tions as may be assigned.

14 “(e) INTELLIGENCE AND SPECIAL ACTIVITIES.—This
15 section does not constitute authority to conduct any activ-
16 ity which, if carried out as an intelligence activity by the
17 Department of Defense, would require a notice to the Se-
18 lect Committee on Intelligence of the Senate and the Per-
19 manent Select Committee on Intelligence of the House of
20 Representatives under title V of the National Security Act
21 of 1947 (50 U.S.C. 3091 et seq.).”.

22 (2) CLERICAL AMENDMENT.—The table of sec-
23 tions at the beginning of such chapter is amended
24 by inserting after the item relating to section 167b
25 the following new item:

“169. Subordinate unified command of the United States Strategic Command”.

1 **SEC. 1602. RAPID, RESPONSIVE, AND RELIABLE SPACE**
2 **LAUNCH.**

3 (a) ASSURED ACCESS TO SPACE.—Section 2273 of
4 title 10, United States Code, is amended—

5 (1) in subsection (b)—

6 (A) in paragraph (1), by striking “; and”;

7 (B) in paragraph (2), by striking the pe-
8 riod at the end and inserting “; and”; and

9 (C) by adding at the end the following new
10 paragraph:

11 “(3) the availability of rapid, responsive, and
12 reliable space launches for national security space
13 programs to—

14 “(A) improve the responsiveness and flexi-
15 bility of a national security space system;

16 “(B) lower the costs of launching a na-
17 tional security space system; and

18 “(C) maintain risks of mission success at
19 acceptably low levels.”; and

20 (2) in subsection (c), by inserting before the pe-
21 riod at the end the following: “and the Director of
22 National Intelligence”.

23 (b) REUSABILITY OF LAUNCH VEHICLES.—

24 (1) DESIGNATION.—Effective March 1, 2019,
25 the Evolved Expendable Launch Vehicle program of
26 the Department of Defense shall be known as the

1 “National Security Space Launch program”. Any
2 reference in Federal law, regulations, guidance, in-
3 structions, or other documents of the Federal Gov-
4 ernment to the Evolved Expendable Launch Vehicle
5 program shall be deemed to be a reference to the
6 National Security Space Launch program.

7 (2) REQUIREMENT.—In carrying out the Na-
8 tional Security Space Launch program, the Sec-
9 retary of Defense shall provide for consideration of
10 both reusable and expendable launch vehicles with
11 respect to any solicitation occurring on or after
12 March 1, 2019, for which the use of a reusable
13 launch vehicle is technically capable and maintains
14 risk at acceptable levels.

15 (3) NOTIFICATION OF SOLICITATIONS FOR NON-
16 REUSABLE LAUNCH VEHICLES.—Beginning March 1,
17 2019, if the Secretary proposes to issue a solicita-
18 tion for a contract for space launch services for
19 which the use of reusable launch vehicles is not eligi-
20 ble for the award of the contract, the Secretary shall
21 notify in writing the appropriate congressional com-
22 mittees of such proposed solicitation, including jus-
23 tifications for such ineligibility, by not later than 60
24 days before issuing such solicitation.

25 (c) RISK AND COST IMPACT ANALYSIS.—

1 (1) IN GENERAL.—The Secretary shall conduct
2 a risk and cost impact analysis with respect to
3 launch services that use reusable launch vehicles.
4 Such analysis shall include—

5 (A) an assessment of how the inspection
6 and certification regime of the Air Force for
7 previously flown launch vehicles will ensure in-
8 creased responsiveness and operational flexi-
9 bility while maintaining acceptably low risk; and

10 (B) an assessment of the anticipated cost
11 savings to the Department of Defense realized
12 by using a previously flown launch vehicle or
13 components.

14 (2) SUBMISSION.—Not later than 180 days
15 after the date of the enactment of this Act, the Sec-
16 retary shall submit to the appropriate congressional
17 committees the analysis conducted under paragraph
18 (1).

19 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
20 DEFINED.—In this section, the term “appropriate con-
21 gressional committees” means the following:

22 (1) The congressional defense committees.

23 (2) The Permanent Select Committee on Intel-
24 ligence of the House of Representatives and the Se-
25 lect Committee on Intelligence of the Senate.

1 **SEC. 1603. PROVISION OF SPACE SITUATIONAL AWARENESS**

2 **SERVICES AND INFORMATION.**

3 (a) **ROLE OF DEPARTMENT OF DEFENSE.**—Section
4 2274(a) of title 10, United States Code, is amended—

5 (1) by striking “The Secretary of Defense may”
6 and inserting “(1) Except as provided by paragraph
7 (2), the Secretary of Defense may”; and

8 (2) by adding at the end the following new
9 paragraph:

10 “(2) Beginning January 1, 2024, the Secretary may
11 provide space situational awareness services and informa-
12 tion to, and may obtain space situational awareness data
13 and information from, non-United States Government en-
14 tities under paragraph (1) only to the extent that the Sec-
15 retary determines such actions are necessary to meet the
16 national security interests of the United States.”.

17 (b) **INDEPENDENT ASSESSMENT.**—

18 (1) **FFRDC.**—Not later than 30 days after the
19 date of the enactment of this Act, the Secretary of
20 Defense shall seek to enter into a contract with a
21 federally funded research and development center for
22 which the Department of Defense is a sponsor to as-
23 sess which single or combination of departments or
24 agencies of the Federal Government, if any, should
25 assume the authorities of the Secretary of Defense
26 under paragraph (1) of section 2274(a) of title 10,

1 United States Code, that the Secretary will no
2 longer carry out beginning on January 1, 2024, pur-
3 suant to paragraph (2) of such section, as added by
4 subsection (a) of this section.

5 (2) CONSIDERATIONS.—The assessment under
6 paragraph (1) shall consider the following:

7 (A) The existing staff, budgetary re-
8 sources, and institutional expertise of the de-
9 partments and agencies of the Federal Govern-
10 ment evaluated by the assessment.

11 (B) The demonstrated ability of such de-
12 partments and agencies to work collaboratively
13 with industry in developing best practices or
14 consensus standards.

15 (C) The capacity of such departments and
16 agencies to facilitate communication between
17 space object operators to avoid a collision.

18 (D) The ability of such departments and
19 agencies to use other transaction agreements or
20 similar transaction mechanisms.

21 (E) Existing non-profit organizations
22 through which such departments and agencies
23 may oversee the private provision of space situ-
24 ational awareness services and information.

25 (3) SUBMISSION.—

1 (A) DOD.—Not later than 180 days after
2 the date on which the Secretary and a federally
3 funded research and development center enter
4 into the contract under paragraph (1), the cen-
5 ter shall submit to the Secretary a report on
6 the assessment conducted under such para-
7 graph.

8 (B) CONGRESS.—Not later than 10 days
9 after the date on which the Secretary receives
10 the report under subparagraph (A), the Sec-
11 retary shall submit to the appropriate congres-
12 sional committees such report, without change.

13 (c) PLAN.—

14 (1) DEVELOPMENT.—The Secretary of Defense,
15 in coordination with the heads of other departments
16 or agencies of the Federal Government determined
17 appropriate by the Secretary, shall develop a plan to
18 ensure that one or more departments or agencies of
19 the Federal Government other than the Department
20 of Defense may provide space situational awareness
21 services and information to non-United States Gov-
22 ernment entities.

23 (2) CONSIDERATION.—In developing the plan
24 under paragraph (1), the Secretary shall take into

1 consideration the assessment conducted under sub-
2 section (b)(1).

3 (3) SUBMISSION.—Not later than 180 days
4 after the date on which the Secretary submits the
5 report under subsection (b)(3), the Secretary shall
6 submit to the appropriate congressional committees
7 the plan developed under paragraph (1).

8 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
9 DEFINED.—In this section, the term “appropriate con-
10 gressional committees” means the following:

11 (1) The congressional defense committees.

12 (2) The Committee on Science, Space, and
13 Technology, the Committee on Transportation and
14 Infrastructure, the Committee on Energy and Com-
15 merce, the Committee on Foreign Affairs, and the
16 Permanent Select Committee on Intelligence of the
17 House of Representatives.

18 (3) The Committee on Commerce, Science, and
19 Transportation, the Committee on Foreign Rela-
20 tions, and the Select Committee on Intelligence of
21 the Senate.

22 **SEC. 1604. BUDGET ASSESSMENTS FOR NATIONAL SECU-**
23 **RITY SPACE PROGRAMS.**

24 Section 239(b)(1) of title 10, United States Code, is
25 amended to read as follows:

1 “(1) Not later than 30 days after the date on which
2 the President submits to Congress the budget for each of
3 fiscal years 2017 through 2021, the Secretary of Defense
4 shall submit to the congressional defense committees a re-
5 port on the budget for national security space programs
6 of the Department of Defense. The Secretary may include
7 the report in the defense budget materials if the Secretary
8 submits such materials to Congress by such date.”.

9 **SEC. 1605. ENHANCEMENT OF POSITIONING, NAVIGATION,**
10 **AND TIMING CAPACITY.**

11 (a) CAPABILITY FOR TRUSTED SIGNALS.—The Sec-
12 retary of the Air Force shall ensure that military Global
13 Positioning System user equipment terminals have the ca-
14 pability, including with appropriate mitigation efforts, to
15 receive trusted signals from the Galileo satellites of the
16 European Union and the QZSS satellites of Japan, begin-
17 ning with increment 2 of the acquisition of such terminals.

18 (b) CAPABILITY FOR OTHER SIGNALS.—The Sec-
19 retary of the Air Force shall ensure that military Global
20 Positioning System user equipment terminals having the
21 capability to receive non-allied positioning, navigation, and
22 timing signals, beginning with increment 2 of the acqui-
23 sition of such terminals, if the Secretary of Defense, in con-
24 sultation with the Commander of the United States Stra-
25 tegic Command, determines that—

1 (1) the benefits of receiving such signals out-
2 weigh the risks; or

3 (2) such risks can be appropriately mitigated.

4 (c) ENGAGEMENT.—The Secretary of Defense, jointly
5 with the Secretary of State, shall engage with relevant al-
6 lies of the United States to—

7 (1) enable military Global Positioning System
8 user equipment terminals to receive the positioning,
9 navigation, and timing signals of such allies; and

10 (2) negotiate as appropriate other potential
11 agreements relating to the enhancement of posi-
12 tioning, navigation, and timing.

13 **SEC. 1606. USE OF SMALL- AND MEDIUM-SIZE BUSES FOR**
14 **STRATEGIC AND TACTICAL SATELLITE PAY-**
15 **LOADS.**

16 (a) BRIEFING ON RISKS, BENEFITS, AND COST SAV-
17 INGS.—

18 (1) BRIEFING.—Not later than 180 days after
19 the date of the enactment of this Act, the Secretary
20 of Defense, in coordination with the Director of Na-
21 tional Intelligence, shall provide to the Committees
22 on Armed Services of the House of Representatives
23 and the Senate, and to any other appropriate con-
24 gressional committee upon request, a briefing on the
25 risks, benefits, and cost savings with respect to

1 using small- and medium-size buses for strategic and
2 tactical satellite payloads for protected satellite com-
3 munications programs and next-generation overhead
4 persistent infrared systems.

5 (2) MATTERS INCLUDED.—The briefing pro-
6 vided under paragraph (1) shall address the fol-
7 lowing:

8 (A) Increasing component and subcompo-
9 nent commonality for power regulation, solar
10 arrays, battery technology, thermal control, and
11 avionics.

12 (B) The security of the supply chain, in-
13 cluding a strategy to mitigate risk in such sup-
14 ply chain.

15 (b) ANALYSES OF ALTERNATIVES.—

16 (1) CERTIFICATIONS.—With respect to each
17 analysis of alternatives of new space vehicles relating
18 to a program described in paragraph (2), the Direc-
19 tor for Cost Assessment and Program Evaluation
20 shall certify to the appropriate congressional com-
21 mittees that the analysis—

22 (A) includes materiel solutions for using
23 small- and medium-size buses; and

1 (B) considers the relevant operational ben-
2 efits and potential cost savings of using small-
3 , medium-, and large-size buses.

4 (2) PROGRAMS DESCRIBED.—The programs de-
5 scribed in this paragraph are the programs of the
6 Department of Defense relating to any of the fol-
7 lowing:

8 (A) Protected satellite communications.

9 (B) Next-generation overhead persistent
10 infrared systems.

11 (C) Space-based environmental monitoring.

12 (c) BRIEFING ON ALTERNATIVE SPACE-BASED AR-
13 CHITECTURES.—Not later than 240 days after the date
14 of the enactment of this Act, the Secretary of Defense,
15 the Secretary of the Air Force, and the Chairman of the
16 Joint Chiefs of Staff shall jointly provide to the Commit-
17 tees on Armed Services of the House of Representatives
18 and the Senate, and to any other appropriate congres-
19 sional committee upon request, a briefing on alternative
20 space-based architectures for the programs described in
21 subsection (b)(2) using small-, medium-, and large-size
22 buses.

23 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
24 DEFINED.—In this section, the term “appropriate con-
25 gressional committees” means the following:

1 (1) The congressional defense committees.

2 (2) The Permanent Select Committee on Intel-
3 ligence of the House of Representatives and the Se-
4 lect Committee on Intelligence of the Senate.

5 **SEC. 1607. DESIGNATION OF COMPONENT OF DEPARTMENT**
6 **OF DEFENSE RESPONSIBLE FOR COORDINA-**
7 **TION OF MODERNIZATION EFFORTS RELAT-**
8 **ING TO MILITARY-CODE CAPABLE GPS RE-**
9 **CEIVER CARDS.**

10 (a) DESIGNATION.—Not later than 30 days after the
11 date of the enactment of this Act, the Secretary of De-
12 fense, in coordination with the Secretaries of the military
13 departments and the heads of Defense Agencies the Sec-
14 retary determines appropriate, shall designate a compo-
15 nent of the Office of the Secretary of Defense to be re-
16 sponsible for coordinating common solutions for the M-
17 code modernization efforts among the military depart-
18 ments, Defense Agencies, and other appropriate elements
19 of the Department of Defense.

20 (b) ROLES AND RESPONSIBILITIES.—The roles and
21 responsibilities of the component selected under subsection
22 (a) shall include the following:

23 (1) Identify the elements of the Department of
24 Defense and the programs of the Department that

1 require M-code capable receiver cards and deter-
2 mine—

3 (A) the number of total receiver cards re-
4 quired by the Department, including the num-
5 ber required for each such element and pro-
6 gram and the military departments;

7 (B) the timeline, by fiscal year, for each
8 program of the Department conducting M-code
9 modernization efforts; and

10 (C) the projected cost for each such pro-
11 gram.

12 (2) Systematically collect integration test data,
13 lessons learned, and design solutions, and share such
14 information with other elements of the Department.

15 (3) Identify ways the Department can prevent
16 duplication in conducting M-code modernization ef-
17 forts, and identify, to the extent practicable, poten-
18 tial cost savings that could be realized by addressing
19 such duplication.

20 (4) Coordinate the integration, testing, and pro-
21 curement of M-code capable receiver cards to ensure
22 that the Department maximizes the buying power of
23 the Department, reduces duplication, and saves re-
24 sources, where possible.

1 (c) SUPPORT.—The Secretary of Defense shall ensure
2 the military departments, the Defense Agencies, and other
3 elements of the Department of Defense provide the compo-
4 nent selected under subsection (a) with the appropriate
5 support and resources needed to perform the roles and re-
6 sponsibilities under subsection (b).

7 (d) REPORTS.—Not later than March 15, 2019, and
8 annually thereafter through 2021, the Secretary of De-
9 fense shall provide to the congressional defense commit-
10 tees a report on M-code modernization efforts. Each re-
11 port shall include, with respect to the period covered by
12 the report, the following:

13 (1) The projected cost and schedule, by fiscal
14 year, for the Department to acquire M-code capable
15 receiver cards.

16 (2) The programs of the Department con-
17 ducting M-code modernization efforts.

18 (3) The number of M-code capable receiver
19 cards procured by the Department, the number of
20 such receiver cards yet to be procured, and the per-
21 centage of the M-code modernization efforts com-
22 pleted by each program identified under paragraph
23 (2).

24 (e) DEFINITIONS.—In this section:

1 (1) The term “M-code capable receiver card”
2 means a Global Positioning System receiver card
3 that is capable of receiving military code that pro-
4 vides enhanced positioning, navigation, and timing
5 capabilities and improved resistance to existing and
6 emerging threats, such as jamming.

7 (2) The term “M-code modernization efforts”
8 means the development, integration, testing, and
9 procurement programs of the Department of De-
10 fense relating to developing M-code capable receiver
11 cards.

12 **SEC. 1608. DESIGNATION OF COMPONENT OF DEPARTMENT**
13 **OF DEFENSE RESPONSIBLE FOR COORDINA-**
14 **TION OF HOSTED PAYLOAD INFORMATION.**

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

16 (1) Using commercially hosted payloads is an
17 option for the Department of Defense that should be
18 considered in analyses of alternatives, as it could in-
19 crease cost savings, speed up capability to orbit, and
20 contribute to resilience through the use of
21 disaggregated space systems by the Department.

22 (2) The use by the Department of commercially
23 hosted payloads has been limited so far, using com-
24 mercial satellites to host three experimental payloads

1 to date, though the use of hosted payloads could ex-
2 pand in the future.

3 (3) The Department does not have the knowl-
4 edge the Department needs to determine if commer-
5 cially hosted payloads are an acquisition approach
6 worth pursuing.

7 (4) The Department faces challenges in match-
8 ing payloads to commercial hosts, due to numerous
9 logistical challenges to matching payloads to hosts,
10 including coordinating the size, weight and power of
11 the payload with the commercial host, and aligning
12 acquisition and funding timelines between govern-
13 ment and commercial programs.

14 (5) The Comptroller General of the United
15 States in preliminary findings concluded that the
16 space acquisition culture of the Department lacks
17 sufficient knowledge, such as costs, technical param-
18 eters, and lessons learned, to determine the benefits
19 and address the challenges of using commercially
20 hosted payloads and that the existing knowledge is
21 fragmented across the Department without any
22 plans to consolidate it.

23 (6) Programs are not required to report data
24 on commercially hosted payloads to any centralized
25 office or database, and leveraging cost and technical

1 data from hosted payload efforts could inform future
2 interested programs and avoid duplication of efforts,
3 but currently no such comprehensive data source ex-
4 ists.

5 (b) DESIGNATION.—Not later than 30 days after the
6 date of the enactment of this Act, the Secretary of De-
7 fense, in coordination with the Secretary of the Air Force,
8 and other Secretaries of the military departments and the
9 heads of Defense Agencies the Secretary determines ap-
10 propriate, shall designate a component of the Department
11 of Defense or a military department to be responsible for
12 coordinating information, processes, and lessons learned
13 relating to using commercially hosted payloads across the
14 military departments, Defense Agencies, and other appro-
15 priate elements of the Department of Defense. The func-
16 tions of such designated component shall include, at a
17 minimum, the following:

18 (1) Systematically collecting information from
19 past and planned hosted payload arrangements to
20 inform future acquisition planning and space system
21 architecture design, including integration test data,
22 lessons learned, and design solutions.

23 (2) Creating a centralized database for cost,
24 technical data, and lessons learned on commercially

1 hosted payloads and sharing such information with
2 other elements of the Department.

3 **SEC. 1609. LIMITATION ON AVAILABILITY OF FUNDS FOR**
4 **JOINT SPACE OPERATIONS CENTER MISSION**
5 **SYSTEM.**

6 (a) JMS.—None of the funds authorized to be appro-
7 priated by this Act or otherwise made available for fiscal
8 year 2019 for the Joint Space Operations Center mission
9 system may be obligated or expended until the date on
10 which the Deputy Secretary of Defense makes the certifi-
11 cation under subsection (c).

12 (b) ESBMC2.—Of the funds authorized to be appro-
13 priated by this Act or otherwise made available for fiscal
14 year 2019 for service and management applications of the
15 enterprise space battle management command and con-
16 trol, not more than 75 percent may be obligated or ex-
17 pended until the date on which the Deputy Secretary of
18 Defense makes the certification under subsection (c).

19 (c) CERTIFICATION.—The Deputy Secretary of De-
20 fense, without delegation, shall certify to the congressional
21 defense committees that the Secretary of the Air Force
22 has entered into a contract to operationalize existing,
23 proven, best-in-breed commercial space situational aware-
24 ness processing software to address warfighter require-

1 ments and fill gaps in current space situational capabili-
2 ties.

3 **SEC. 1610. EVALUATION AND ENHANCED SECURITY OF SUP-**
4 **PLY CHAIN FOR PROTECTED SATELLITE**
5 **COMMUNICATIONS PROGRAMS AND OVER-**
6 **HEAD PERSISTENT INFRARED SYSTEMS.**

7 (a) EVALUATIONS OF SUPPLY CHAIN
8 VULNERABILITIES.—

9 (1) IN GENERAL.—Not later than December 31,
10 2020, and in accordance with the plan under para-
11 graph (2)(A), the Secretary of Defense, in coordina-
12 tion with the Director of National Intelligence, shall
13 conduct evaluations of the supply chain
14 vulnerabilities of each covered program.

15 (2) PLAN.—

16 (A) DEVELOPMENT.—The Secretary shall
17 develop a plan to carry out the evaluations
18 under paragraph (1), including with respect to
19 the personnel and resources required to carry
20 out such evaluations.

21 (B) BRIEFING.—Not later than 180 days
22 after the date of the enactment of this Act, the
23 Secretary shall provide to the Committees on
24 Armed Services of the House of Representatives
25 and the Senate, and to any other appropriate

1 congressional committee upon request, a brief-
2 ing on the plan under subparagraph (A).

3 (3) WAIVER.—The Secretary may waive, on a
4 case-by-case basis with respect to a covered pro-
5 gram, either the requirement to conduct an evalua-
6 tion under paragraph (1) or the deadline specified in
7 such paragraph if the Secretary certifies to the con-
8 gressional defense committees before such date that
9 all known supply chain vulnerabilities of such cov-
10 ered program have minimal consequences for the ca-
11 pability of such covered program to meet operational
12 requirements or otherwise satisfy mission require-
13 ments.

14 (4) RISK MITIGATION STRATEGIES.—In car-
15 rying out an evaluation under paragraph (1), the
16 Secretary shall develop—

17 (A) strategies for mitigating the risks of
18 supply chain vulnerabilities identified in the
19 course of such evaluation; and

20 (B) cost estimates for such strategies.

21 (b) PRIORITIZATION OF CERTAIN SUPPLY CHAIN
22 RISK MANAGEMENT EFFORTS.—

23 (1) INSTRUCTIONS.—Not later than 180 days
24 after the date of the enactment of this Act, the Sec-
25 retary shall issue a Department of Defense Instruc-

1 tion, or update such an Instruction, establishing the
2 prioritization of supply chain risk management pro-
3 grams, including supply chain risk management
4 threat assessment reporting, to ensure that acquisi-
5 tion and sustainment programs relating to covered
6 programs receive the highest priority of such supply
7 chain risk management programs and reporting.

8 (2) REQUIREMENTS.—

9 (A) ESTABLISHMENT.—The Secretary
10 shall establish requirements to carry out supply
11 chain risk management threat assessment col-
12 lections and analyses under acquisition and
13 sustainment programs relating to covered pro-
14 grams.

15 (B) BRIEFING.—Not later than 120 days
16 after the date of the enactment of this Act, the
17 Secretary shall provide to the Committees on
18 Armed Services of the House of Representatives
19 and the Senate, and to any other appropriate
20 congressional committee upon request, a brief-
21 ing on the requirements established under sub-
22 paragraph (A).

23 (c) DEFINITIONS.—In this section:

24 (1) The term “appropriate congressional com-
25 mittees” means the following:

1 (A) The congressional defense committees.

2 (B) The Permanent Select Committee on
3 Intelligence of the House of Representatives
4 and the Select Committee on Intelligence of the
5 Senate.

6 (2) The term “covered programs” means pro-
7 grams of the Department of Defense relating to any
8 of the following:

9 (A) Protected satellite communications.

10 (B) Next-generation overhead persistent
11 infrared systems.

12 **SEC. 1611. REPORT ON PROTECTED SATELLITE COMMU-**
13 **NICATIONS.**

14 Not later than December 31, 2018, the Secretary of
15 Defense shall submit to the congressional defense commit-
16 tees a report on how each of the following programs will
17 meet the requirements for resilience, mission assurance,
18 and the nuclear command, control, and communication
19 missions of the Department of Defense:

20 (1) The evolved strategic satellite program.

21 (2) The protected tactical service program.

22 (3) The protected tactical enterprise service
23 program.

1 **SEC. 1612. PLAN ON SPACE WARFIGHTING READINESS.**

2 (a) IN GENERAL.—Not later than 60 days after the
3 date of the enactment of this Act, the Secretary of Defense
4 shall develop, and commence the implementation of, a plan
5 that—

6 (1) identifies joint mission-essential tasks for
7 space as a warfighting domain;

8 (2) identifies any additional authorities, or dele-
9 gated authorities, that would need to accompany the
10 employment of forces to meet such mission-essential
11 tasks;

12 (3) meets the readiness requirements for space
13 warfighting, including with respect to equipment,
14 training, and personnel, to meet such mission-essen-
15 tial tasks; and

16 (4) considers the contributions by allies and
17 partners of the United States with respect to defense
18 space capabilities to increase burden sharing across
19 space systems, as appropriate.

20 (b) BRIEFING.—Not later than 60 days after the date
21 of the enactment of this Act, the Secretary shall provide
22 to the Committees on Armed Services of the House of
23 Representatives and the Senate, and to any other congres-
24 sional defense committee upon request, a briefing describ-
25 ing the authorities identified under subsection (a)(2) that
26 the Secretary determines require legislative action.

1 **SEC. 1613. STUDY ON SPACE-BASED RADIO FREQUENCY**
2 **MAPPING.**

3 (a) STUDY.—The Secretary of Defense and the Di-
4 rector of National Intelligence shall jointly conduct a
5 study on the capabilities of the private sector with respect
6 to space-based radio frequency mapping and associated
7 operations and services for space-based electromagnetic
8 collections. Such study shall address the following:

9 (1) The near-term commercial market offerings
10 of such operations and services in the United States
11 and outside the United States.

12 (2) The potential benefits to the United States
13 provided by such operations and services.

14 (3) The potential risks to the United States
15 posed by such operations and services.

16 (4) The sufficiency of existing legal authorities
17 available to the Secretary and the Director to ad-
18 dress such potential risks.

19 (b) REPORT.—Not later than 90 days after the date
20 of the enactment of this Act, the Secretary and the Direc-
21 tor shall jointly submit to the congressional defense com-
22 mittees, the Permanent Select Committee on Intelligence
23 of the House of Representatives, and the Select Committee
24 on Intelligence of the Senate a report containing the study
25 under subsection (a).

1 **SEC. 1614. PLAN TO PROVIDE PERSISTENT WEATHER IM-**
2 **AGERY FOR UNITED STATES CENTRAL COM-**
3 **MAND.**

4 (a) **PLAN.**—The Secretary of the Air Force shall de-
5 velop a plan to provide the United States Central Com-
6 mand with persistent weather imagery for the area of op-
7 erations of the Command beginning not later than Janu-
8 ary 1, 2026.

9 (b) **MATTERS INCLUDED.**—The plan developed under
10 subsection (a) shall include the following:

11 (1) A long-term method for providing the
12 United States Central Command with persistent
13 weather imagery for the area of operations of the
14 Command that—

15 (A) does not rely on data provided by a
16 foreign government; and

17 (B) does not include relocating legacy geo-
18 stationary operational environmental satellites.

19 (2) A description of the costs required to carry
20 out the plan.

21 (c) **SUBMISSION.**—Not later than March 1, 2019, the
22 Secretary shall submit to the congressional defense com-
23 mittees the plan developed under subsection (a).

1 **Subtitle B—Defense Intelligence**
2 **and Intelligence-Related Activities**
3 **SEC. 1621. ROLE OF UNDER SECRETARY OF DEFENSE FOR**
4 **INTELLIGENCE.**

5 Subsection (b) of section 137 of title 10, United
6 States Code, is amended to read as follows:

7 “(b) Subject to the authority, direction, and control
8 of the Secretary of Defense, the Under Secretary of De-
9 fense for Intelligence shall—

10 “(1) have responsibility for the overall direction
11 and supervision for policy, program planning and
12 execution, and use of resources, for the activities of
13 the Department of Defense that are part of the Mili-
14 tary Intelligence Program;

15 “(2) execute the functions for the National In-
16 telligence Program of the Department of Defense
17 under section 105 of the National Security Act of
18 1947 (50 U.S.C. 3038), as delegated by the Sec-
19 retary of Defense;

20 “(3) have responsibility for the overall direction
21 and supervision for policy, program planning and
22 execution, and use of resources, for the information
23 security, personnel security, physical security, and
24 industrial security related activities of the Depart-
25 ment of Defense; and

1 “(4) perform such duties and exercise such
2 powers as the Secretary of Defense may prescribe in
3 the area of intelligence.”.

4 **SEC. 1622. SECURITY CLEARANCE FOR DUAL NATIONALS.**

5 (a) IN GENERAL.—Chapter 80 of title 10, United
6 States Code, is amended by inserting after section 1564a
7 the following new section:

8 **“§ 1564b. Security clearance for dual nationals**

9 “(a) ADDITIONAL REVIEW.—(1) In the case of an in-
10 dividual described in paragraph (3), the Secretary of De-
11 fense shall develop a process to review foreign preference
12 in accordance with the adjudicative guidelines under part
13 147 of title 32, Code of Federal Regulations, or such suc-
14 cessor regulation, before approving a security clearance for
15 such individual.

16 “(2) The Secretary shall designate an official of the
17 Department of Defense to be responsible for adjudicating
18 any derogatory information of an individual described in
19 paragraph (3) concerning foreign preference that is dis-
20 covered after the security clearance of the individual is ap-
21 proved.

22 “(3) An individual described in this paragraph is an
23 individual who is—

24 “(A) a national of the United States (as such
25 term is defined in section 101 of the Immigration

1 and Nationality Act (8 U.S.C. 1101)) and also a na-
2 tional of a foreign state; and

3 “(B) either—

4 “(i) a civilian employee or contractor who
5 requires access to classified information; or

6 “(ii) a member of the armed forces who re-
7 quires access to classified information.

8 “(b) WAIVER.—(1) In the case of an individual who
9 is a national of the United States and also a national of
10 a foreign state identified under paragraph (2), the Sec-
11 retary may waive the requirement under subsection (a).

12 “(2) The Director of National Intelligence shall iden-
13 tify foreign states that authorize citizens or nationals of
14 the United States to serve in positions of trust equivalent
15 to positions in the United States Government that require
16 access to classified information.”.

17 (b) CLERICAL AMENDMENT.—The table of sections
18 at the beginning of such chapter is amended by inserting
19 after the item relating to section 1564a the following new
20 item:

 “1564b. Security clearance for dual nationals.”.

21 (c) BRIEFING.—

22 (1) IN GENERAL.—Not later than 180 days
23 after the date of the enactment of this Act, the Sec-
24 retary of Defense shall provide to the Committees on
25 Armed Services of the House of Representatives and

1 the Senate, and to any other appropriate congres-
2 sional committee upon request, a briefing on—

3 (A) the process developed under paragraph
4 (1) of section 1564b(a) of title 10, United
5 States Code, as added by subsection (a); and

6 (B) the official designated under para-
7 graph (2) of such section 1564b(a).

8 (2) APPROPRIATE CONGRESSIONAL COMMIT-
9 TEES DEFINED.—In this subsection, the term “ap-
10 propriate congressional committees” means the fol-
11 lowing:

12 (A) The Committees on Armed Services of
13 the House of Representatives and the Senate.

14 (B) The Permanent Select Committee on
15 Intelligence of the House of Representatives
16 and the Select Committee on Intelligence of the
17 Senate.

18 **SEC. 1623. DEPARTMENT OF DEFENSE COUNTERINTEL-**
19 **LIGENCE POLYGRAPH PROGRAM.**

20 (a) ADDITION OF DUAL-NATIONALS.—Subsection (b)
21 of section 1564a of title 10, United States Code, is amend-
22 ed to read as follows:

23 “(b) PERSONS COVERED.—Except as provided in
24 subsection (d), the following persons are subject to this
25 section:

1 “(1) With respect to persons whose duties are
2 described in subsection (c)—

3 “(A) military and civilian personnel of the
4 Department of Defense;

5 “(B) personnel of defense contractors;

6 “(C) persons assigned or detailed to the
7 Department of Defense; and

8 “(D) applicants for a position in the De-
9 partment of Defense.

10 “(2) A person who is—

11 “(A) a national of the United States (as
12 such term is defined in section 101 of the Im-
13 migration and Nationality Act (8 U.S.C. 1101))
14 and also a national of a foreign state; and

15 “(B) either—

16 “(i) a civilian employee or contractor
17 who requires access to classified informa-
18 tion; or

19 “(ii) a member of the armed forces
20 who requires access to classified informa-
21 tion.”.

22 (b) STANDARDS FOR DUAL-NATIONALS.—Subsection
23 (e)(2) of such section is amended by adding at the end
24 the following new subparagraph:

1 “(D) With respect to persons described in sub-
2 section (b)(2), to assist in assessing foreign pref-
3 erence or foreign influence risks, as described in
4 part 147 of title 32, Code of Federal Regulation, or
5 such successor regulations.”.

6 (c) CONFORMING AMENDMENTS.—Such section is
7 further amended—

8 (1) in subsection (c), by striking “in subsection
9 (b)” and inserting “in subsection (b)(1)”; and

10 (2) in subsection (e)(2)(A), by striking “in sub-
11 sections (b)” and inserting “in subsections (b)(1)”.

12 **SEC. 1624. DEFENSE INTELLIGENCE BUSINESS MANAGE-**
13 **MENT SYSTEMS.**

14 (a) STANDARDIZED BUSINESS PROCESS RULES.—

15 (1) DEVELOPMENT.—Not later than October 1,
16 2020, the Chief Management Officer of the Depart-
17 ment of Defense, in coordination with the Under
18 Secretary of Defense (Comptroller) and the Under
19 Secretary of Defense for Intelligence, shall develop
20 and implement standardized business process rules
21 for the planning, programming, budgeting, and exe-
22 cution process for the Military Intelligence Program.

23 (2) TREATMENT OF DATA.—The Chief Manage-
24 ment Officer shall develop the standardized business
25 process rules under paragraph (1) in accordance

1 with section 911 of the National Defense Authoriza-
2 tion Act for Fiscal Year 2018 (Public Law 115–91;
3 131 Stat. 1519; 10 U.S.C. 2222 note) and section
4 2222(e)(6) of title 10, United States Code.

5 (3) USE OF EXISTING SYSTEMS.—In developing
6 the standardized business process rules under para-
7 graph (1), to the extent practicable, the Chief Man-
8 agement Officer shall use enterprise business sys-
9 tems of the Department of Defense in existence as
10 of the date of the enactment of this Act.

11 (4) REPORT.—Not later than March 1, 2019,
12 the Chief Management Officer of the Department of
13 Defense, the Under Secretary of Defense (Comp-
14 troller), and the Under Secretary of Defense for In-
15 telligence shall jointly submit to the appropriate con-
16 gressional committees a report containing a plan to
17 develop the standardized business process rules
18 under paragraph (1).

19 (5) APPROPRIATE CONGRESSIONAL COMMIT-
20 TEES.—In this subsection, the term “appropriate
21 congressional committees” means the following:

22 (A) The congressional defense committees.

23 (B) The Permanent Select Committee on
24 Intelligence of the House of Representatives

1 and the Select Committee on Intelligence of the
2 Senate.

3 (b) PROGRAM ELEMENTS.—

4 (1) IN GENERAL.—Chapter 9 of title 10, United
5 States Code, is amended by adding at the end the
6 following new section:

7 **“§ 239b. Certain intelligence-related programs: budg-**
8 **et justification materials**

9 “(a) PROHIBITION ON USE OF PROGRAM ELE-
10 MENTS.—In the budget justification materials submitted
11 to Congress in support of the Department of Defense
12 budget for fiscal year 2021 and each fiscal year thereafter
13 (as submitted with the budget of the President under sec-
14 tion 1105(a) of title 31), the Secretary of Defense may
15 not include in any single program element both funds
16 made available under the Military Intelligence Program
17 and funds made available outside of the Military Intel-
18 ligence Program.

19 “(b) DEFINITIONS.—In this section:

20 “(1) The term ‘budget’ has the meaning given
21 that term in section 231(f) of this title.

22 “(2) The term ‘defense budget materials’ has
23 the meaning given that term in section 231(f) of this
24 title.”.

1 (2) CLERICAL AMENDMENT.—The table of sec-
2 tions at the beginning of such chapter is amended
3 by inserting after the item relating to section 239a
4 the following new item:

“239b. Certain intelligence-related programs: budget justification materials”.

5 **SEC. 1625. MODIFICATION TO ANNUAL BRIEFING ON THE**
6 **INTELLIGENCE, SURVEILLANCE, AND RECON-**
7 **NAISSANCE REQUIREMENTS OF THE COM-**
8 **BATANT COMMANDS.**

9 (a) IN GENERAL.—Section 1626 of the Carl Levin
10 and Howard P. “Buck” McKeon National Defense Au-
11 thorization Act for Fiscal Year 2015 (Public Law 113–
12 291; 128 Stat. 3635), as amended by section 1624 of the
13 National Defense Authorization Act for Fiscal Year 2018
14 (Public Law 115–91; 131 Stat. 1732), is further amend-
15 ed—

16 (1) in the matter preceding paragraph (1), by
17 striking “2020” and inserting “2025”; and

18 (2) in paragraph (1)—

19 (A) in subparagraph (B), by striking “;
20 and” and inserting a semicolon; and

21 (B) by adding at the end the following new
22 subparagraph:

23 “(D) for the year preceding the year in which
24 the briefing is provided—

1 “(i) the number of hours or amount of ca-
2 pacity of intelligence, surveillance, and recon-
3 naissance requested by each commander of a
4 combatant command, by specific intelligence ca-
5 pability type;

6 “(ii) the number of such requests identified
7 under clause (i) that the Joint Chiefs of Staff
8 determined to be a validated requirement, in-
9 cluding the number of hours or amount of ca-
10 pacity of such requests that were provided to
11 each such commander; and

12 “(iii) with respect to such validated re-
13 quirements, the number of hours or amount of
14 capacity of intelligence, surveillance, and recon-
15 naissance, by specific intelligence capability
16 type, that the Joint Chiefs of Staff requested
17 each military department to provide, and the
18 number of such hours or the amount of such
19 capacity so provided by each such military de-
20 partment; and”.

21 (b) CODIFICATION.—Such section 1626, as amended
22 by subsection (a), is—

23 (1) transferred to chapter 21 of title 10, United
24 States Code; and

1 (2) redesignated as subsection (c) of section
2 426 of such title.

3 **SEC. 1626. PROHIBITION ON THE AVAILABILITY OF FUNDS**
4 **FOR DEPARTMENT OF DEFENSE ASSUMING**
5 **BACKGROUND INVESTIGATION MISSION FOR**
6 **THE FEDERAL GOVERNMENT.**

7 None of the funds authorized to be appropriated by
8 this Act or otherwise made available for fiscal year 2019
9 for the Department of Defense may be obligated or ex-
10 pended during the period beginning on the date of the en-
11 actment of this Act and ending on December 31, 2019,
12 to transfer to the Department the background investiga-
13 tion mission for all agencies or departments of the Federal
14 Government using the National Background Investigation
15 Bureau for investigative services as of April 1, 2018.

16 **Subtitle C—Cyberspace-Related**
17 **Matters**

18 **SEC. 1631. AMENDMENTS TO PILOT PROGRAM REGARDING**
19 **CYBER VULNERABILITIES OF DEPARTMENT**
20 **OF DEFENSE CRITICAL INFRASTRUCTURE.**

21 Subsection (b) of section 1650 of the National De-
22 fense Authorization Act for Fiscal Year 2017 (10 U.S.C.
23 2224 note) is amended—

1 (1) in paragraph (1), in the matter preceding
2 subparagraph (A), by inserting “and the Defense
3 Digital Service” after “covered research laboratory”;

4 (2) in paragraph (4), in the matter preceding
5 subparagraph (A), by striking “2019” and inserting
6 “2020”; and

7 (3) in paragraph (5), by striking “2019” and
8 inserting “2020”.

9 **SEC. 1632. BUDGET DISPLAY FOR CYBER VULNERABILITY**
10 **EVALUATIONS AND MITIGATION ACTIVITIES**
11 **FOR MAJOR WEAPON SYSTEMS OF THE DE-**
12 **PARTMENT OF DEFENSE.**

13 (a) BUDGET REQUIRED.—Beginning in fiscal year
14 2021 and in each fiscal year thereafter, the Secretary of
15 Defense shall submit to Congress, as a part of the docu-
16 mentation that supports the President’s annual budget for
17 the Department of Defense, a consolidated Cyber Vulner-
18 ability Evaluation and Mitigation budget justification dis-
19 play for each major weapons system of the Department
20 of Defense that includes the following:

21 (1) CYBER VULNERABILITY EVALUATIONS.—

22 (A) STATUS.—Whether, in accordance with
23 paragraph (1) of section 1647(a) of the Na-
24 tional Defense Authorization Act for Fiscal
25 Year 2016 (Public Law 114–92; 129 Stat.

1 1118), the cyber vulnerability evaluation for
2 each such major weapon system is pending, in
3 progress, complete, or, pursuant to paragraph
4 (2) of such section, waived.

5 (B) FUNDING.—The funding required for
6 the fiscal year with respect to which the budget
7 is submitted and for at least the four suc-
8 ceeding fiscal years required to complete the
9 pending or in progress cyber vulnerability eval-
10 uation of each such major weapon system.

11 (C) DESCRIPTION.—A description of the
12 activities planned in the fiscal year with respect
13 to which the budget is submitted and at least
14 the four succeeding fiscal years to complete the
15 required evaluation for each such major weapon
16 system.

17 (D) RISK ANALYSIS.—A description of
18 operational or security risks associated with
19 cyber vulnerabilities identified as a result of
20 such cyber vulnerability evaluations that require
21 mitigation.

22 (2) MITIGATION ACTIVITIES.—

23 (A) STATUS.—Whether activities to ad-
24 dress identified cyber vulnerabilities of such
25 major weapon systems resulting in operational

1 or security risks requiring mitigation are pend-
2 ing, in progress, or complete.

3 (B) FUNDING.—The funding required for
4 the fiscal year with respect to which the budget
5 is submitted and for at least the four suc-
6 ceeding fiscal years required to complete the
7 pending or in progress mitigation activities re-
8 ferred to in subparagraph (A) related to such
9 major weapon systems.

10 (C) DESCRIPTION.—A description of the
11 activities planned in the fiscal year with respect
12 to which the budget is submitted and at least
13 the four succeeding fiscal years to complete any
14 necessary mitigation.

15 (b) FORM.—The display required under subsection
16 (a) shall be submitted in an unclassified form, but may
17 include a classified annex if necessary.

18 **SEC. 1633. TRANSFER OF RESPONSIBILITY FOR THE DE-**
19 **PARTMENT OF DEFENSE INFORMATION NET-**
20 **WORK TO UNITED STATES CYBER COMMAND.**

21 (a) IN GENERAL.—Not later than September 30,
22 2019, the Secretary of Defense shall transfer all roles,
23 missions, and responsibilities of the Commander, Joint
24 Force Headquarters–Department of Defense Information
25 Networks (JFHQ–DODIN) from the Defense Information

1 Support Agency to the Commander, United States Cyber
2 Command.

3 (b) CERTIFICATION REQUIRED.—Prior to the trans-
4 fer required under subsection (a), the Secretary of De-
5 fense shall certify in writing to the congressional defense
6 committees that such transfer shall not result in mission
7 degradation.

8 **SEC. 1634. PILOT PROGRAM AUTHORITY TO ENHANCE CY-**
9 **BERSECURITY AND RESILIENCY OF CRITICAL**
10 **INFRASTRUCTURE.**

11 (a) AUTHORITY.—The Secretary of Defense, in co-
12 ordination with the Secretary of Homeland Security, is au-
13 thorized to provide, detail, or assign technical personnel
14 to the Department of Homeland Security on a non-reim-
15 bursable basis to enhance cybersecurity cooperation, col-
16 laboration, and unity of Government efforts.

17 (b) SCOPE OF ASSISTANCE.—The authority under
18 subsection (a) shall be limited in any fiscal year to the
19 provision of not more than 50 technical cybersecurity per-
20 sonnel from the Department of Defense to the Depart-
21 ment of Homeland Security, including the national cyber-
22 security and communications integration center (NCCIC)
23 of the Department, or other locations as agreed upon by
24 the Secretary of Defense and the Secretary of Homeland
25 Security.

1 (c) LIMITATION.—The authority under subsection (a)
2 may not negatively impact the primary missions of the De-
3 partment of Defense or the Department of Homeland Se-
4 curity.

5 (d) ESTABLISHMENT OF PROCEDURES.—

6 (1) IN GENERAL.—The Secretary of Defense
7 and the Secretary of Homeland Security shall estab-
8 lish procedures to carry out subsection (a), including
9 procedures relating to the protection of and safe-
10 guards for maintenance of information held by the
11 NCCIC regarding United States persons.

12 (2) LIMITATION.—Nothing in this subsection
13 may be construed as providing authority to the Sec-
14 retary of Defense to establish procedures regarding
15 the NCCIC with respect to any matter outside the
16 scope of this section.

17 (e) NO EFFECT ON OTHER AUTHORITY TO PROVIDE
18 SUPPORT.—Nothing in this section may be construed to
19 limit the authority of an Executive department, military
20 department, or independent establishment to provide any
21 appropriate support, including cybersecurity support, or to
22 provide, detail, or assign personnel, under any other law,
23 rule, or regulation.

24 (f) DEFINITIONS.—In this section, each of the terms
25 “Executive department”, “military department”, and

1 “independent establishment”, has the meaning given each
2 of such terms, respectively, in chapter 1 of title 5, United
3 States Code.

4 (g) TERMINATION OF AUTHORITY.—This section
5 shall terminate on September 30, 2022.

6 **SEC. 1635. PILOT PROGRAM ON REGIONAL CYBER SECU-**
7 **RITY TRAINING CENTER FOR THE ARMY NA-**
8 **TIONAL GUARD.**

9 (a) PILOT PROGRAM.—The Secretary of the Army
10 may carry out a pilot program under which the Secretary
11 establishes a National Guard training center to provide
12 collaborative interagency education and training for mem-
13 bers of the Army National Guard.

14 (b) DURATION.—If the Secretary carries out the pilot
15 program under subsection (a), the Secretary shall carry
16 out the pilot program for a two-year period.

17 (c) CENTER.—

18 (1) TRAINING AND COOPERATION.—In carrying
19 out the pilot program under subsection (a), the Sec-
20 retary shall ensure that the training center estab-
21 lished under such subsection—

22 (A) educates and trains members of the
23 Army National Guard quickly and efficiently by
24 concurrently training cyber protection teams

1 and cyber network defense teams on a common
2 standard in order to defend—

3 (i) the information network of the De-
4 partment of Defense in a State environ-
5 ment;

6 (ii) while acting under title 10, United
7 States Code, the information networks of
8 State governments; and

9 (iii) critical infrastructure;

10 (B) fosters interagency cooperation by—

11 (i) co-locating members of the Army
12 National Guard with personnel of depart-
13 ments and agencies of the Federal Govern-
14 ment and State governments; and

15 (ii) providing an environment to de-
16 velop interagency relationship to coordinate
17 responses and recovery efforts during and
18 following a cyber attack;

19 (C) collaborates with academic institutions
20 to develop and implement curriculum for inter-
21 agency education and training within the class-
22 room; and

23 (D) coordinates with the Persistent Cyber
24 Training Environment of the Army Cyber Com-
25 mand in devising and implementing interagency

1 education and training using physical and infor-
2 mation technology infrastructure.

3 (2) LOCATIONS.—If the Secretary carries out
4 the pilot program under subsection (a), the Sec-
5 retary shall select one National Guard facility at
6 which to carry out the pilot program. The Secretary
7 shall select a facility that is located in an area that
8 meets the following criteria:

9 (A) The location has a need for cyber
10 training, as measured by both the number of
11 members of the Army National Guard that
12 would apply for such training and the number
13 of units of the Army National Guard that verify
14 the unit would apply for such training.

15 (B) The location has high capacity infor-
16 mation and telecommunications infrastructure,
17 including high speed fiber optic networks.

18 (C) The location has personnel, technology,
19 laboratories, and facilities to support proposed
20 activities and has the opportunity for ongoing
21 training, education, and research.

22 (d) ACTIVITIES.—If the Secretary carries out the
23 pilot program under subsection (a), the Secretary shall en-
24 sure that the pilot program includes the following activi-
25 ties:

1 (1) Providing joint education and training and
2 accelerating training certifications for working in a
3 cyber range.

4 (2) Integrating education and training between
5 the National Guard, law enforcement, and emer-
6 gency medical and fire first responders.

7 (3) Providing a program to continuously train
8 the cyber network defense teams to not only defend
9 the information network of the Department of De-
10 fense, but to also provide education and training on
11 how to use defense capabilities of the team in a
12 State environment.

13 (4) Developing curriculum and educating the
14 National Guard on the different missions carried out
15 under titles 10 and 32, United States Code, in order
16 to enhance interagency coordination and create a
17 common operating picture.

18 **SEC. 1636. PROCEDURES AND REPORTING REQUIREMENT**
19 **ON CYBERSECURITY BREACHES AND LOSS OF**
20 **PERSONALLY IDENTIFIABLE INFORMATION.**

21 (a) IN GENERAL.—In the event of a significant loss
22 of personally identifiable information of civilian or uni-
23 formed members of the Armed Forces, the Secretary of
24 Defense shall promptly submit to the congressional de-

1 fense committees notice in writing of such loss. Such no-
2 tice may be submitted in classified or unclassified formats.

3 (b) PROCEDURES.—Not later than 180 days after the
4 date of the enactment of this Act, the Secretary of Defense
5 shall establish and submit to the congressional defense
6 committees procedures for complying with the require-
7 ments of subsection (a). Such procedures shall be con-
8 sistent with the national security of the United States, the
9 protection of operational integrity, and the protection of
10 personally identifiable information of civilian and uni-
11 formed members of the Armed Forces.

12 (c) SIGNIFICANT LOSS OF PERSONALLY IDENTIFI-
13 ABLE INFORMATION DEFINED.—In this section, the term
14 “significant loss of personally identifiable information”
15 means an intentional, accidental, or otherwise known dis-
16 closure of information that can be used to distinguish or
17 trace an individual’s identity, such as the name, Social Se-
18 curity number, date and place of birth, biometric records,
19 home or other phone numbers, or other demographic, per-
20 sonnel, medical, or financial information, involving 250 or
21 more civilian or uniformed members of the Armed Forces.

22 **SEC. 1637. CYBER INSTITUTES AT THE SENIOR MILITARY**
23 **COLLEGES.**

24 (a) PROGRAM AUTHORIZED.—The Secretary of De-
25 fense may carry out a program to establish a cyber insti-

1 tute at each of the senior military colleges (referred to in
2 this section as an “SMC Cyber Institute”) for purposes
3 of accelerating and focusing the development of
4 foundational expertise in critical cyber operational skills
5 for future military and civilian leaders of the Armed
6 Forces and Department of Defense, including such leaders
7 of the reserve components.

8 (b) ELEMENTS.—Each SMC Cyber Institute estab-
9 lished under subsection (a) shall include the following:

10 (1) Programs to provide future military and ci-
11 vilian leaders of the Armed Forces or the Depart-
12 ment of Defense who possess cyber operational ex-
13 pertise from beginning through advanced skill levels
14 with instruction and practical experiences that lead
15 to recognized certifications and degrees in cyber-re-
16 lated fields.

17 (2) Programs of targeted strategic foreign lan-
18 guage proficiency training for such future leaders
19 that—

20 (A) are designed to significantly enhance
21 critical cyber operational capabilities; and

22 (B) are tailored to current and anticipated
23 readiness requirements.

24 (3) Programs related to mathematical founda-
25 tions of cryptography and courses in cryptographic

1 theory and practice designed to complement and re-
2 inforce cyber education along with the strategic for-
3 eign language programs critical to cyber operations.

4 (4) Programs related to data science and
5 courses in data science theory and practice designed
6 to complement and reinforce cyber education along
7 with the strategic foreign language programs critical
8 to cyber operations.

9 (5) Programs designed to develop early interest
10 and cyber talent through summer programs for ele-
11 mentary and secondary school students and dual en-
12 rollment opportunities for cyber, strategic foreign
13 language, data science, and cryptography related
14 courses.

15 (6) Training and education programs to expand
16 the pool of qualified instructors necessary to support
17 cyber education in regional school systems.

18 (c) PARTNERSHIPS WITH DEPARTMENT OF DE-
19 FENSE AND THE ARMED FORCES.—A SMC Cyber Insti-
20 tute established under subsection (a) may enter into a
21 partnership with one or more components of the Armed
22 Forces (active or reserve) or any agency of the Depart-
23 ment of Defense to facilitate the development of critical
24 cyber skills for students who may pursue a career with
25 the Department of Defense.

1 (d) PARTNERSHIPS WITH OTHER SCHOOLS.—A
2 SMC Cyber Institute established under subsection (a) may
3 enter into a partnership with one or more local educational
4 agencies to carry out the requirements of this section.

5 (e) SENIOR MILITARY COLLEGES DEFINED.—In this
6 section, the term “senior military colleges” means the sen-
7 ior military colleges described in section 2111a(f) of title
8 10, United States Code.

9 **SEC. 1638. STUDY AND REPORT ON RESERVE COMPONENT**
10 **CYBER CIVIL SUPPORT TEAMS.**

11 (a) STUDY REQUIRED.—The Secretaries concerned
12 shall conduct a study on the feasibility, advisability, and
13 necessity of the establishment of reserve component cyber
14 civil support teams for each State.

15 (b) ELEMENTS.—The study under subsection (a)
16 shall include the following:

17 (1) An examination of the potential ability of
18 the teams referred to in such subsection to respond
19 to an attack, natural disaster, or other large-scale
20 incident affecting computer networks, electronics, or
21 cyber capabilities.

22 (2) An analysis of State and local civilian and
23 private sector cyber response capabilities and serv-
24 ices, including an identification of any gaps in such
25 capabilities and services.

1 (3) An identification of the potential role of
2 such teams with respect to the principles and proc-
3 esses set forth in—

4 (A) Presidential Policy Directive 20
5 (United States Cyber Operations Policy);

6 (B) Presidential Policy Directive 21 (Crit-
7 ical Infrastructure Security and Resilience); and

8 (C) Presidential Policy Directive 41
9 (United States Cyber Incident Coordination).

10 (4) An explanation of how such teams may
11 interact with other organizations and elements of the
12 Federal Government that have responsibilities under
13 the Presidential Policy Directives referred to in
14 paragraph (3).

15 (5) The amount of funding and other resources
16 that may be required by the Department of Defense
17 to organize, train, and equip such teams.

18 (6) An explanation of how the establishment of
19 such teams may affect the ability of the Department
20 of Defense—

21 (A) to organize, train, equip, and employ
22 the Cyber Mission Force, and other organic
23 cyber forces; and

1 (B) to perform national defense missions
2 and defense support to civil authorities for
3 cyber incident response.

4 (7) An explanation of how the establishment of
5 such teams may affect the ability of the Department
6 of Homeland Security—

7 (A) to organize, train, equip, and employ
8 cyber incident response teams; and

9 (B) to perform civilian cyber response mis-
10 sions.

11 (8) Any effects on the privacy and civil liberties
12 of United States persons that may result from the
13 establishment of such teams.

14 (9) Any other considerations determined to be
15 relevant by the Secretaries concerned.

16 (c) REPORT REQUIRED.—Not later than 180 days
17 after the date of the enactment of this Act, the Secretaries
18 concerned shall submit to the appropriate congressional
19 committees a report that includes—

20 (1) the results of the study conducted under
21 subsection (a), including an explanation of each ele-
22 ment described in subsection (b);

23 (2) the final determination of the Secretaries
24 with respect to the feasibility, advisability, and ne-

1 cessity of establishing reserve component cyber civil
2 support teams for each State; and

3 (3) if such final determination is in the affirma-
4 tive, proposed legislation for the establishment of the
5 teams, which may include proposed legislation to
6 amend section 12310 of title 10, United States
7 Code.

8 (d) DEFINITIONS.—In this section:

9 (1) The term “appropriate congressional com-
10 mittees” means—

11 (A) the congressional defense committees;

12 (B) the Committee on Homeland Security
13 of the House of Representatives; and

14 (C) the Committee on Homeland Security
15 and Governmental Affairs of the Senate.

16 (2) The term “reserve component cyber civil
17 support team” means a team that—

18 (A) is comprised of members of the reserve
19 components;

20 (B) is organized, trained, equipped, and
21 sustained by the Department of Defense for the
22 purpose of assisting State authorities in pre-
23 paring for and responding to cyber incidents,
24 cyber emergencies, and cyber attacks; and

1 (C) operates principally under the com-
2 mand and control of the Chief Executive of the
3 State in which the team is located.

4 (3) The term “Secretaries concerned” means
5 the Secretary of Defense and the Secretary of
6 Homeland Security acting jointly.

7 (4) The term “State” means each of the several
8 States, the District of Columbia, the Commonwealth
9 of Puerto Rico, and the United States Virgin Is-
10 lands.

11 **Subtitle D—Nuclear Forces**

12 **SEC. 1641. UNDER SECRETARY OF DEFENSE FOR RE-** 13 **SEARCH AND ENGINEERING AND THE NU-** 14 **CLEAR WEAPONS COUNCIL.**

15 Section 179(a) of title 10, United States Code, is
16 amended—

17 (1) in paragraph (1), by striking “, Technology,
18 and Logistics” and inserting “and Sustainment”;

19 (2) by redesignating paragraphs (4) and (5) as
20 paragraphs (5) and (6), respectively; and

21 (3) by inserting after paragraph (3) the fol-
22 lowing new paragraph (4):

23 “(4) The Under Secretary of Defense for Re-
24 search and Engineering.”.

1 **SEC. 1642. LONG-RANGE STANDOFF WEAPON REQUIRE-**
2 **MENTS.**

3 Subparagraphs (A) and (B) of section 217(a)(1) of
4 the National Defense Authorization Act for Fiscal Year
5 2014 (Public Law 113–66; 127 Stat. 706) are amended
6 to read as follows:

7 “(A) achieves initial operating capability
8 for nuclear missions prior to the retirement of
9 the nuclear-armed AGM–86;

10 “(B) achieves initial operating capability
11 for conventional missions by not later than four
12 years after the date of the achievement under
13 subparagraph (A); and”.

14 **SEC. 1643. ACCELERATION OF GROUND-BASED STRATEGIC**
15 **DETERRENT PROGRAM AND LONG-RANGE**
16 **STANDOFF WEAPON PROGRAM.**

17 (a) PLAN FOR ACCELERATION OF PROGRAMS.—Con-
18 sistent with validated military requirements and in accord-
19 ance with applicable provisions of Federal law regarding
20 acquisition, the Under Secretary of Defense for Acquisi-
21 tion and Sustainment, in consultation with the Secretary
22 of the Air Force, shall develop and implement—

23 (1) a plan to accelerate the development, pro-
24 curement, and fielding of the ground-based strategic
25 deterrent program; and

1 (2) a plan to accelerate the development, pro-
2 curement, and fielding of the long-range standoff
3 weapon.

4 (b) CRITERIA.—The plans developed under sub-
5 section (a) shall meet the following criteria:

6 (1) With respect to the plan developed under
7 paragraph (1) of such subsection, the plan shall en-
8 sure that the ground-based strategic deterrent pro-
9 gram includes the recapitalization of the full inter-
10 continental ballistic missile weapon system for 400
11 deployed missiles and associated spares and 450
12 launch facilities, without phasing or splitting the
13 program, including with respect to the missile flight
14 system, ground-based infrastructure and equipment,
15 appropriate command and control elements.

16 (2) The plans shall include a comprehensive as-
17 sessment of the benefits, risks, feasibility, costs, and
18 cost savings of various options for accelerating the
19 respective program covered by the plan, including by
20 considering—

21 (A) accelerating—

22 (i) the technology maturation and risk
23 reduction phase, including through the
24 identification of low and high technology

1 readiness levels, requirements, and
2 timelines for maturing such technology;

3 (ii) the award of an engineering and
4 manufacturing development contract; and

5 (iii) making the milestone B decision;

6 (B) transitioning full acquisition authority,
7 responsibility, and accountability of the respec-
8 tive program to the Secretary of the Air Force,
9 including milestone decision authority;

10 (C) providing a general officer-level pro-
11 gram executive officer a dedicated, single-pro-
12 gram, long-term assignment with a tailored ac-
13 quisition approach, program strategy, and over-
14 sight model for the respective program that em-
15 powers the general officer to accelerate the pro-
16 gram, make decisions, and be held accountable;

17 (D) streamlining, as appropriate, test and
18 evaluation activities for the respective program,
19 particularly for proven technologies, while en-
20 suring high confidence in the final deployed sys-
21 tem;

22 (E) leveraging agile software development
23 or other innovative approaches to reduce time-
24 frames for software development;

1 (F) identifying and proposing statutory
2 changes that the Under Secretary or the Sec-
3 retary of the Air Force determine could accel-
4 erate the respective program;

5 (G) identifying accelerated goals for initial
6 operational capability and full operational capa-
7 bility for the respective program; and

8 (H) such other options as the Under Sec-
9 retary or the Secretary of the Air Force con-
10 sider appropriate.

11 (c) SUBMISSION.—Not later than 120 days after the
12 date of the enactment of this Act, the Under Secretary,
13 in consultation with the Secretary of the Air Force, shall
14 submit to the congressional defense committees the plans
15 developed under subsection (a), including an assessment
16 of the options considered and the options selected to be
17 implemented under the plans.

18 (d) BRIEFING.—Not later than 160 days after the
19 date of the enactment of this Act, the Commander of the
20 United States Strategic Command shall provide to the
21 congressional defense committees a briefing on the views
22 of the Commander with respect to the plans developed
23 under subsection (a).

24 (e) DEFINITIONS.—In this section:

1 (1) The term “milestone B decision” has the
2 meaning given that term in section 2400(a) of title
3 10, United States Code.

4 (2) The term “milestone decision authority”
5 has the meaning given that term in section 2366a(d)
6 of title 10, United States Code.

7 **SEC. 1644. PROCUREMENT AUTHORITY FOR CERTAIN**
8 **PARTS OF INTERCONTINENTAL BALLISTIC**
9 **MISSILE FUZES.**

10 (a) AVAILABILITY OF FUNDS.—Notwithstanding sec-
11 tion 1502(a) of title 31, United States Code, of the
12 amount authorized to be appropriated for fiscal year 2019
13 by section 101 and available for Missile Procurement, Air
14 Force, as specified in the funding table in division D,
15 \$9,841,000 shall be available for the procurement of cov-
16 ered parts pursuant to contracts entered into under sec-
17 tion 1645(a) of the Carl Levin and Howard P. “Buck”
18 McKeon National Defense Authorization Act for Fiscal
19 Year 2015 (Public Law 113–291; 128 Stat. 3651).

20 (b) COVERED PARTS DEFINED.—In this section, the
21 term “covered parts” means commercially available off-
22 the-shelf items as defined in section 104 of title 41, United
23 States Code.

1 **SEC. 1645. PROHIBITION ON REDUCTION OF THE INTER-**
2 **CONTINENTAL BALLISTIC MISSILES OF THE**
3 **UNITED STATES.**

4 (a) PROHIBITION.—Except as provided by subsection
5 (b), none of the funds authorized to be appropriated by
6 this Act or otherwise made available for fiscal year 2019
7 for the Department of Defense shall be obligated or ex-
8 pended for—

9 (1) reducing, or preparing to reduce, the re-
10 sponsiveness or alert level of the intercontinental
11 ballistic missiles of the United States; or

12 (2) reducing, or preparing to reduce, the quan-
13 tity of deployed intercontinental ballistic missiles of
14 the United States to a number less than 400.

15 (b) EXCEPTION.—The prohibition in subsection (a)
16 shall not apply to any of the following activities:

17 (1) The maintenance or sustainment of inter-
18 continental ballistic missiles.

19 (2) Ensuring the safety, security, or reliability
20 of intercontinental ballistic missiles.

21 **SEC. 1646. EXTENSION OF PROHIBITION ON AVAILABILITY**
22 **OF FUNDS FOR MOBILE VARIANT OF**
23 **GROUND-BASED STRATEGIC DETERRENT**
24 **MISSILE.**

25 Section 1664 of the National Defense Authorization
26 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.

1 2615), as amended by section 1663 by the National De-
2 fense Authorization Act for Fiscal Year 2018 (Public Law
3 115–91), is amended by striking “2019” and inserting
4 “2020”.

5 **SEC. 1647. INDEPENDENT STUDY ON NUCLEAR WEAPONS**
6 **LAUNCH-UNDER-ATTACK OPTION.**

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

8 (1) Maintaining a safe, effective, and reliable
9 nuclear arsenal and command and control system
10 are high priorities for ensuring national security.

11 (2) The current launch-under-attack option,
12 particularly for the intercontinental ballistic missile
13 forces, could require a quick decision, on the order
14 of minutes, on whether to use these weapons to re-
15 spond to an incoming attack.

16 (b) INDEPENDENT STUDY.—Not later than 30 days
17 after the date of the enactment of this Act, the Secretary
18 of Defense shall seek to enter into a contract with a feder-
19 ally funded research and development center to conduct
20 a study on the potential benefits and risks of reducing the
21 role of the launch-under-attack option with respect to
22 planning by the United States relating to nuclear weap-
23 ons.

24 (c) SELECTION.—The Secretary may not enter into
25 the contract under subsection (b) with a federally funded

1 research and development center for which the Air Force
2 is the primary sponsor.

3 (d) REPORTS.—

4 (1) SUBMISSION TO DOD.—Not later than 270
5 days after the date of the enactment of this Act, the
6 federally funded research and development center
7 shall submit to the Secretary a report containing the
8 study conducted under subsection (b). Such report
9 shall include the findings and recommendations of
10 the center.

11 (2) SUBMISSION TO CONGRESS.—Not later than
12 30 days after the date on which the Secretary re-
13 ceives the report under paragraph (1), the Secretary
14 shall submit to the congressional defense committees
15 such report, without change.

16 (3) FORM.—The reports under paragraphs (1)
17 and (2) shall be submitted in unclassified form, but
18 may include a classified annex.

1 **SEC. 1648. EXTENSION OF ANNUAL REPORT ON THE PLAN**
2 **FOR THE NUCLEAR WEAPONS STOCKPILE,**
3 **NUCLEAR WEAPONS COMPLEX, NUCLEAR**
4 **WEAPONS DELIVERY SYSTEMS, AND NU-**
5 **CLEAR WEAPONS COMMAND AND CONTROL**
6 **SYSTEM.**

7 Section 1043(a)(1) of the National Defense Author-
8 ization Act for Fiscal Year 2012 (Public Law 112–81; 125
9 Stat. 1576) is amended by striking “2019” and inserting
10 “2022”.

11 **SEC. 1649. SENSE OF CONGRESS ON NUCLEAR POSTURE OF**
12 **THE UNITED STATES.**

13 It is the sense of Congress that—

14 (1) for more than 70 years, the nuclear deter-
15 rent of the United States has played a central role
16 in the national security of the United States and
17 international stability;

18 (2) the nuclear forces of the United States have
19 and will continue to play a fundamental role in de-
20 terring aggression against the interests of the
21 United States and the allies of the United States in
22 an increasingly dangerous world;

23 (3) strong, credible, and flexible nuclear forces
24 of the United States assure the allies of the United
25 States that the extended deterrence guarantees of
26 the United States are credible and that the resolve

1 of the United States remains strong even in the face
2 of nuclear provocations, including nuclear coercion
3 and blackmail;

4 (4) the 2017 National Security Strategy and
5 the 2018 National Defense Strategy correctly assess
6 that, due to increased global disorder and com-
7 plexity, the decline of the international rules-based
8 order and security environment, and the erosion of
9 the competitive advantages of the United States,
10 interstate strategic competition must now be the pri-
11 mary focus of the national security strategy of the
12 United States;

13 (5) the 2018 Nuclear Posture Review aligns
14 with these conclusions, and recognizes that deter-
15 rence is dynamic, not static, and that while the nu-
16 clear posture and policies of the United States are
17 underpinned by enduring consistency, such posture
18 and policies must also undergo measured adjust-
19 ments to remain credible as threats evolve;

20 (6) the Russian Federation has elevated the
21 role of nuclear weapons in its strategies, is devel-
22 oping and deploying new nuclear capabilities (includ-
23 ing a recently announced nuclear-powered cruise
24 missile and high-speed, nuclear-powered underwater
25 drone), is violating many arms control agreements

1 (including the INF Treaty), and has made explicit
2 nuclear threats against the United States and the al-
3 lies of the United States;

4 (7) the United States remains committed to its
5 full range of nuclear arms control and nonprolifera-
6 tion obligations and seeks continued engagement for
7 prudent and verifiable agreements, however, the poli-
8 cies and actions of the United States must also hold
9 states that violate arms control treaties accountable
10 for such violations and take such violations into ac-
11 count when considering further arms control agree-
12 ments;

13 (8) the North Atlantic Treaty Organization
14 (NATO) plays an essential role in the national secu-
15 rity of the United States and NATO should continue
16 to strengthen and align its nuclear and conventional
17 deterrence posture, planning, and exercises to align
18 with modern threats, including modernizing its dual-
19 capable aircraft, command and control networks, nu-
20 clear-related facilities, and conventional capabilities;

21 (9) to deter large-scale, catastrophic war with
22 Russia, the People's Republic of China, and other
23 potential adversaries, as well as reassure allies, the
24 United States requires reliable, diverse, and
25 tailorable nuclear forces that are able to respond to

1 a variety of current threats while preparing for fu-
2 ture uncertainty;

3 (10) the 2018 Nuclear Posture Review recon-
4 firms the value of the nuclear triad and dual-capable
5 aircraft of the United States, directs the continu-
6 ation of the comprehensive nuclear modernization
7 program initiated by the previous administration,
8 and proposes two supplemental capabilities (a lower-
9 yield submarine-launched ballistic missile warhead
10 and a sea-launched cruise missile) that will strength-
11 en deterrence and assurance and reduce the chances
12 that nuclear weapons are used in conflict;

13 (11) three successive Secretaries of Defense
14 across two administrations have stated that nuclear
15 deterrence is the highest priority mission of the De-
16 partment of Defense; and

17 (12) in light of this prioritization, the age of
18 the current nuclear forces and infrastructure of the
19 United States, and the small percentage of the de-
20 fense budget that will be expended on the recapital-
21 ization of the nuclear deterrent of the United States,
22 the modernization of the nuclear forces, command
23 and control systems, and supporting infrastructure
24 of the United States is affordable and a national im-
25 perative.

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 se-
6 curity threat not only to the United States, but to
7 the security and stability of the entire Indo-Pacific
8 region, including South Korea, Japan, and Aus-
9 tralia;

10 (2) the nuclear and conventional forces of the
11 United States continue to play a fundamental role in
12 deterring aggression against its interests and the in-
13 terests of its allies in the Indo-Pacific region and be-
14 yond;

15 (3) the United States stands unwaveringly be-
16 hind its treaty obligations and assurances, including
17 those related to defense and extended nuclear deter-
18 rence, to South Korea, Japan, and Australia;

19 (4) the complete, verifiable, and irreversible
20 denuclearization of the Democratic People's Republic
21 of Korea remains a central foreign policy objective
22 of the United States;

23 (5) the status of any denuclearization or end-of-
24 conflict agreement with the Democratic People's Re-
25 public of Korea should not supersede such treaty ob-

1 ligations and assurances described in paragraph (3);
2 and
3 (6) the presence of United States Forces on the
4 Korean Peninsula should remain strong and endur-
5 ing.

6 **Subtitle E—Missile Defense**
7 **Programs**

8 **SEC. 1661. DEVELOPMENT OF PERSISTENT SPACE-BASED**
9 **SENSOR ARCHITECTURE.**

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

11 (1) Absent a missile defense review, the budget
12 of the President submitted to Congress under sec-
13 tion 1105(a) of title 31, United States Code, for fis-
14 cal year 2019 did not propose funding for efforts
15 within the Missile Defense Agency to further develop
16 the Missile Defense Tracking System (a future space
17 sensor architecture) and instead funds were provided
18 to the Air Force to determine the plan of the De-
19 partment of Defense for future missile warning and
20 tracking capabilities.

21 (2) Delaying development and deployment of a
22 space-based missile tracking capability further places
23 the United States at a disadvantage against
24 hypersonic threats.

1 (b) DEVELOPMENT REQUIRED.—Subsection (a) of
2 section 1683 of the National Defense Authorization Act
3 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
4 1777) is amended by striking “If consistent with the direc-
5 tion or recommendations of the Ballistic Missile Defense
6 Review that commenced in 2017, the Director of the Mis-
7 sile Defense Agency” and inserting “Beginning fiscal year
8 2019, the Director of the Missile Defense Agency, in co-
9 ordination with the Director of National Intelligence, the
10 Commander of the Air Force Space Command, and the
11 Commander of the United States Strategic Command,”.

12 (c) PLAN.—

13 (1) LIMITATION.—Of the funds authorized to
14 be appropriated by this Act or otherwise made avail-
15 able for fiscal year 2019 for the Department of De-
16 fense for the development of the space-based sensor
17 architecture under subsection (a) of section 1683 of
18 the National Defense Authorization Act for Fiscal
19 Year 2018 (Public Law 115–91; 131 Stat. 1777),
20 not more than 25 percent may be obligated or ex-
21 pended until the date on which the Director of the
22 Missile Defense Agency submits the plan under sub-
23 section (e) of such section.

24 (2) CLARIFICATION OF ROLES.—Section
25 1683(e) of the National Defense Authorization Act

1 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
2 1777) is amended by striking “the Director shall
3 submit” and inserting “the Director of the Missile
4 Defense Agency, in coordination with the Director of
5 National Intelligence, the Commander of the Air
6 Force Space Command, and the Commander of the
7 United States Strategic Command shall submit”.

8 (d) REPORT ON USE OF OTHER AUTHORITIES.—
9 Such section 1683 is further amended—

10 (1) by redesignating subsection (f) as sub-
11 section (g); and

12 (2) by inserting after subsection (e) the fol-
13 lowing new subsection (f):

14 “(f) REPORT ON USE OF OTHER AUTHORITIES.—
15 Not later than January 31, 2019, the Director of the Mis-
16 sile Defense Agency shall submit to the appropriate con-
17 gressional committees a report on the options available to
18 the Director to use other transactional authorities pursu-
19 ant to section 2371 of title 10, United States Code, to
20 accelerate the development and deployment of the sensor
21 architecture required by subsection (a).”.

22 **SEC. 1662. BOOST PHASE BALLISTIC MISSILE DEFENSE.**

23 (a) DEVELOPMENT AND STUDY.—Section 1685 of
24 the National Defense Authorization Act for Fiscal Year
25 2018 (Public Law 115–91; 10 U.S.C. 2431 note) is

1 amended by adding at the end the following new sub-
2 sections:

3 “(d) DEVELOPMENT.—

4 “(1) REQUIREMENT.—Beginning fiscal year
5 2019, the Director of the Missile Defense Agency
6 shall carry out a program to develop boost phase
7 intercept capabilities that—

8 “(A) are cost effective;

9 “(B) are air-launched, ship-based, or both;

10 and

11 “(C) include kinetic interceptors.

12 “(2) PARTNERSHIPS.—In developing kinetic
13 boost phase intercept capabilities under paragraph
14 (1), the Director may enter into partnerships with
15 the Ministry of National Defense of the Republic of
16 Korea or the Ministry of Defense of Japan, or both.

17 “(e) INDEPENDENT STUDY.—

18 “(1) REQUIREMENT.—The Secretary of De-
19 fense shall seek to enter into an agreement with a
20 federally funded research and development center to
21 conduct a feasibility study on providing an initial or
22 demonstrated boost phase capability using un-
23 manned aerial vehicles and kinetic interceptors by
24 December 31, 2021. Such study shall include, at a
25 minimum, a review of the study published by the

1 Science, Technology, and National Security Working
2 Group of the Massachusetts Institute of Technology
3 in 2017 titled ‘Airborne Patrol to Destroy DPRK
4 ICBMs in Powered Flight’.

5 “(2) SUBMISSION.—Not later than July 31,
6 2019, the Secretary shall submit to the congres-
7 sional defense committees the study conducted under
8 paragraph (1).”.

9 (b) DIRECTED ENERGY DEVELOPMENT.—Subsection
10 (b) of such section is amended—

11 (1) by striking “The Secretary of Defense” and
12 inserting the following:

13 “(1) IN GENERAL.—The Secretary of Defense”;
14 and

15 (2) by adding at the end the following new
16 paragraph:

17 “(2) ROLE OF DIRECTOR.—

18 “(A) TRANSFER OF RESPONSIBILITY.—Be-
19 ginning fiscal year 2019, the Secretary shall
20 transfer from the Under Secretary of Defense
21 for Research and Engineering to the Director
22 of the Missile Defense Agency the responsibility
23 to continue developing the interim directed en-
24 ergy boost phase ballistic missile defense capa-
25 bility specified in paragraph (1).

1 “(B) OTHER PROGRAMS.—In continuing
2 the development under subparagraph (A), the
3 Director shall—

4 “(i) leverage the efforts of the Under
5 Secretary under the high energy laser ad-
6 vanced development program; and

7 “(ii) share with the Under Secretary
8 any information useful to such program.

9 “(C) BRIEFING.—Not later than February
10 28, 2019, the Director shall provide to the
11 Committees on Armed Services of the House of
12 Representatives and the Senate, and to any
13 other congressional defense committee upon re-
14 quest, a briefing on—

15 “(i) specific criteria that the Director
16 will address in the development under sub-
17 paragraph (A); and

18 “(ii) parameters used to measure
19 progress in such development.”.

20 (c) MODIFICATION TO SENSE OF CONGRESS.—Sub-
21 section (a) of such section is amended by striking “, if
22 consistent with the direction or recommendations of the
23 Ballistic Missile Defense Review that commenced in
24 2017”.

1 **SEC. 1663. IMPROVEMENTS TO RESEARCH AND DEVELOP-**
2 **MENT AND ACQUISITION PROCESSES OF MIS-**
3 **SILE DEFENSE AGENCY.**

4 (a) RESEARCH AND DEVELOPMENT.—

5 (1) TRANSFER.—Not later than September 30,
6 2020, the Secretary of Defense shall transfer the au-
7 thority and the total obligational authority for each
8 research and development program described in
9 paragraph (2) from the Under Secretary of Defense
10 for Research and Engineering to the Director of the
11 Missile Defense Agency.

12 (2) RESEARCH AND DEVELOPMENT PROGRAM
13 DESCRIBED.—A research and development program
14 described in this paragraph is a program that the
15 Under Secretary identifies as meeting each of the
16 following criteria:

17 (A) The program consists of efforts to de-
18 velop prototypes or science and technology, or
19 has not yet received Milestone B approval (as
20 defined in section 2366 of title 10, United
21 States Code).

22 (B) The efforts of the program either—

23 (i) are planned to be incorporated into
24 ballistic missile defense systems; or

25 (ii) have explicit applications for bal-
26 listic missile defense or hypersonic defense.

1 (3) REPORT.—Not later than March 31, 2019,
2 the Under Secretary shall submit to the congres-
3 sional defense committees a report that—

4 (A) lists each research and development
5 program identified under paragraph (2); and

6 (B) a summary of the efforts and funding
7 required for such programs during the period
8 covered by the future-years defense program
9 under section 221 of title 10, United States
10 Code, as of the date of the report.

11 (b) NOTIFICATION ON CHANGES TO NON-STANDARD
12 ACQUISITION PROCESSES AND RESPONSIBILITIES.—

13 (1) LIMITATION.—None of the funds authorized
14 to be appropriated by this Act or otherwise made
15 available for fiscal year 2019 for the Secretary of
16 Defense may be obligated or expended to change the
17 non-standard acquisition processes and responsibil-
18 ities described in paragraph (2) until—

19 (A) the Secretary notifies the congressional
20 defense committees of such proposed change;
21 and

22 (B) a period of 180 days has elapsed fol-
23 lowing the date of such notification.

24 (2) NON-STANDARD ACQUISITION PROCESSES
25 AND RESPONSIBILITIES DESCRIBED.—The non-

1 standard acquisition processes and responsibilities
2 described in this paragraph are such processes and
3 responsibilities described in—

4 (A) the memorandum of the Secretary of
5 Defense titled “Missile Defense Program Direc-
6 tion” signed on January 2, 2002;

7 (B) Department of Defense Directive
8 5134.09, as in effect on the date of the enact-
9 ment of this Act; and

10 (C) United States Strategic Command In-
11 struction 583–3.

12 (c) INTEGRATED MASTER TEST PLAN INFORMA-
13 TION.—

14 (1) PUBLIC AVAILABILITY.—Together with the
15 release of each integrated master test plan of the
16 Missile Defense Agency, the Director of the Missile
17 Defense Agency shall make publicly available a
18 version of each such plan that identifies the fiscal
19 year and the fiscal quarter in which events under the
20 plan will occur.

21 (2) SUBMISSION.—Not later than 30 days after
22 the budget of the President for each of fiscal years
23 2020 and 2021 is submitted to Congress under sec-
24 tion 1105 of title 31, United States Code, the Direc-
25 tor shall submit to the congressional defense com-

1 mittees the integrated master test plan of the Mis-
2 sile Defense Agency, including any classified and un-
3 classified versions of such plan.

4 (d) **MISSILE DEFENSE EXECUTIVE BOARD.**—In ad-
5 dition to the Under Secretary of Defense for Research and
6 Engineering serving as chairman of the Missile Defense
7 Executive Board pursuant to section 1676(c)(3)(B) of the
8 National Defense Authorization Act for Fiscal Year 2018
9 (Public Law 115–91; 131 Stat. 1773), the Under Sec-
10 retary of Defense for Acquisition and Sustainment shall
11 serve—

12 (1) as a member of the Board; and

13 (2) as co-chairman with respect to decisions re-
14 garding acquisition and the approval of acquisition
15 and production milestones, including with respect to
16 the use of other transaction authority contracts and
17 transactions in excess of \$500,000,000 (including all
18 options).

19 **SEC. 1664. LAYERED DEFENSE OF THE UNITED STATES**
20 **HOMELAND.**

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

22 (1) The United States homeland (including Ha-
23 waii and Alaska) is currently protected against inter-
24 continental ballistic missiles by the ground-based
25 midcourse defense system, with 44 ground-based

1 interceptors located at Fort Greely, Alaska, and
2 Vandenberg, California.

3 (2) The Department of Defense plans to expand
4 the number of ground-based interceptors to 64 inter-
5 ceptors by 2023 by adding Missile Field 4 at Fort
6 Greely, Alaska.

7 (b) SENSE OF CONGRESS.—It is the sense of Con-
8 gress that the United States should—

9 (1) continue to explore and deploy capabilities
10 that increase the layered defense of the United
11 States homeland;

12 (2) support, if determined by the Secretary of
13 Defense as necessary for the national security of the
14 United States, the deployment of a ground-based in-
15 terceptor site, or potential other ballistic missile de-
16 fense systems pending successful testing, on the
17 East Coast of the United States that—

18 (A) weighs cost effectiveness and
19 prioritization of capability; and

20 (B) provides for increased protection of the
21 continental United States from North Korean
22 and Iranian threats;

23 (3) support the ability of the Army, the Navy,
24 and the Missile Defense Agency to deploy fixed,
25 semi-fixed, and mobile at-sea and ashore assets to

1 locations to increase the layered defense of all of the
2 United States homeland; and

3 (4) support, as appropriate, further analysis
4 and testing for regional systems to be employed for
5 the layered defense of the United States homeland.

6 (c) CERTIFICATION.—Before the Secretary of De-
7 fense makes a potential determination to deploy regional
8 assets to provide missile defense from longer range
9 threats, the Secretary shall certify to the congressional de-
10 fense committees that such deployment would not unnec-
11 essarily undermine or pose additional risk to strategic sta-
12 bility.

13 (d) BRIEFING.—Not later than January 31, 2019,
14 the Director of the Missile Defense Agency, in coordina-
15 tion with the Under Secretary of Defense for Policy, the
16 Commander of the United States Northern Command,
17 and the Commander of the United States Pacific Com-
18 mand, shall provide to the Committees on Armed Services
19 of the House of Representatives and the Senate, and to
20 any other congressional defense committee upon request,
21 a briefing that—

22 (1) describes options and plans to increase or
23 improve the layered protection of the United States
24 homeland (including Hawaii and Alaska) from

1 threats posed by North Korea and threats posed by
2 Iran;

3 (2) addresses the capabilities and reliability of
4 missile defense systems to defend against potential
5 trajectories of missiles from both the North and
6 South Poles; and

7 (3) addresses technical capability and policy
8 with respect to such options.

9 **SEC. 1665. TESTING OF REDESIGNED KILL VEHICLE PRIOR**
10 **TO PRODUCTION.**

11 (a) **SUCCESSFUL TESTING REQUIRED.**—Except as
12 provided by subsection (b), the Director of the Missile De-
13 fense Agency may not make a lot production decision for
14 the redesigned kill vehicle unless the vehicle has undergone
15 at least one successful flight intercept test that meets the
16 following criteria:

17 (1) The test sufficiently assesses the perform-
18 ance of the vehicle in order to inform a lot produc-
19 tion decision.

20 (2) The results of the test demonstrate that the
21 vehicle—

22 (A) will work in an effective manner; and

23 (B) has the ability to accomplish the in-
24 tended mission of the vehicle.

1 (b) WAIVER.—The Secretary of Defense, without del-
2 egation, may waive subsection (a) if—

3 (1) the Secretary determines that the waiver is
4 in the interest of national security;

5 (2) the Secretary determines that the threat of
6 missiles is advancing at a pace that requires addi-
7 tional capacity of the ground-based midcourse sys-
8 tem by 2023;

9 (3) the Secretary determines that the waiver is
10 appropriate in light of the assessment conducted by
11 the Director of Operational Test and Evaluation
12 under subsection (c);

13 (4) the Secretary submits to the congressional
14 defense committees a report containing—

15 (A) a notice of the waiver, including the
16 rationale of the Secretary for making the waiv-
17 er;

18 (B) a certification by the Secretary that
19 the Secretary has analyzed and accepts the risk
20 of making and implementing a lot production
21 decision for the redesigned kill vehicle prior to
22 the vehicle undergoing a successful flight inter-
23 cept test; and

1 (C) the assessment of the Director of
2 Operational Test and Evaluation under sub-
3 section (c); and

4 (5) a period of 30 days elapses following the
5 date on which the Secretary submits the report
6 under paragraph (4).

7 (c) ASSESSMENT ON RISKS.—The Director of Oper-
8 ational Test and Evaluation shall submit to the Secretary
9 of Defense an assessment on the risks of making a lot
10 production decision for the redesigned kill vehicle prior to
11 the vehicle undergoing a successful flight intercept test.

12 **SEC. 1666. REQUIREMENTS FOR BALLISTIC MISSILE DE-**
13 **FENSE CAPABLE SHIPS.**

14 (a) FORCE STRUCTURE ASSESSMENT.—The Sec-
15 retary of the Navy, in consultation with the Director of
16 the Missile Defense Agency, shall include in the first force
17 structure assessment conducted following the date of the
18 enactment of this Act the following:

19 (1) An assessment of the requirements for bal-
20 listic missile defense capable ships.

21 (2) The force structure requirements associated
22 with advanced ballistic missile defense capabilities.

23 (b) FORCE STRUCTURE ASSESSMENT DEFINED.—
24 The term “force structure assessment” has the meaning

1 given the term in Chief of Naval Operations Instruction
2 3050.27.

3 **SEC. 1667. MULTIYEAR PROCUREMENT AUTHORITY FOR**
4 **STANDARD MISSILE-3 BLOCK IB MISSILES.**

5 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—
6 Subject to section 2306b of title 10, United States Code,
7 the Director of the Missile Defense Agency may enter into
8 one or more multiyear contracts, beginning with the 2019
9 program year, for the procurement of standard missile—
10 3 block IB missiles.

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

17 **SEC. 1668. LIMITATION ON AVAILABILITY OF FUNDS FOR**
18 **ARMY LOWER TIER AIR AND MISSILE DE-**
19 **FENSE SENSOR.**

20 (a) LIMITATION.—If the Secretary of the Army issues
21 an acquisition strategy for a 360-degree lower tier air and
22 missile defense sensor pursuant to section 1679(a) of the
23 National Defense Authorization Act for Fiscal Year 2018
24 (Public Law 115–91; 131 Stat. 1774) that proposes such
25 sensor achieve initial operating capability later than De-

1 cember 31, 2023, not more than 50 percent of the funds
2 authorized to be appropriated by this Act or otherwise
3 made available for fiscal year 2019 for such sensor may
4 be obligated or expended until the date on which the Sec-
5 retary submits to the congressional defense committees a
6 report—

7 (1) explaining the rationale of such delayed ini-
8 tial operating capability, including a description of
9 any technological or acquisition-related factors caus-
10 ing such delay; and

11 (2) containing a funding profile and schedule to
12 ensure that such sensor would achieve initial oper-
13 ating capability by December 31, 2023.

14 (b) PERFORMANCE SPECIFICATION.—The Secretary
15 shall ensure that the performance specification of the 360-
16 degree lower tier air and missile defense sensor—

17 (1) specifies requirements relating to—

18 (A) detecting and tracking complex attacks
19 from air breathing threats, tactical ballistic mis-
20 siles, and emerging hypersonic weapons; and

21 (B) being a key component of the future
22 integrated air and missile defense architecture
23 of the Army and supporting engagements for
24 the full range and capability of Patriot Ad-

1 vanced Capability—3 missile segment enhance-
2 ment interceptors; and

3 (2) uses evaluation criteria that enables an un-
4 derstanding of the cost and value of procuring such
5 sensor in accordance with such specified require-
6 ments.

7 **SEC. 1669. MISSILE DEFENSE RADAR IN HAWAII.**

8 (a) SENSE OF CONGRESS.—It is the sense of Con-
9 gress that the Secretary of Defense, acting through the
10 Director of the Missile Defense Agency, and in coordina-
11 tion with relevant Federal and local entities, should—

12 (1) ensure an on-time or improved delivery
13 schedule of the discrimination radar for homeland
14 defense to be made operational in Hawaii; and

15 (2) accelerate the deployment of the radar as
16 much as possible, contingent on the environmental
17 review process pursuant to the National Environ-
18 mental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

19 (b) CERTIFICATION.—Not later than 45 days after
20 the date of the enactment of this Act, the Director of the
21 Missile Defense Agency shall certify to the congressional
22 defense committees that—

23 (1) the Director is on schedule to award the
24 contract for the discrimination radar for homeland

1 defense planned to be located in Hawaii by Decem-
2 ber 31, 2018; and

3 (2) such radar and associated in-flight inter-
4 ceptor communications system data terminal will be
5 operational by not later than September 30, 2023.

6 (c) BRIEFINGS.—

7 (1) DELAYED SCHEDULE.—If the Director is
8 unable to certify under subsection (b) that the Di-
9 rector is on schedule to award the contract for the
10 discrimination radar for homeland defense planned
11 to be located in Hawaii by December 31, 2018, not
12 later than 45 days after the date of the enactment
13 of this Act, and on a biweekly basis thereafter until
14 the date of the award, the Director shall provide to
15 the Committees on Armed Services of the House of
16 Representatives and the Senate, and to any other
17 congressional defense committee upon request, a
18 briefing explaining—

19 (A) the rationale for the delay in such
20 schedule; and

21 (B) any effects of such delay in making
22 such radar and associated in-flight interceptor
23 communications system data terminal oper-
24 ational by not later than September 30, 2023.

1 (2) SEMIANNUAL.—Not later than 45 days
2 after the date of the enactment of this Act, and
3 semiannually thereafter through 2021, the Director
4 shall provide to the Committees on Armed Services
5 of the House of Representatives and the Senate, and
6 to any other congressional defense committee upon
7 request, a briefing on—

8 (A) the acquisition of the discrimination
9 radar for homeland defense planned to be lo-
10 cated in Hawaii and the associated in-flight in-
11 terceptor communications system data terminal;
12 and

13 (B) the environmental review process for
14 such radar pursuant to the National Environ-
15 mental Policy Act of 1969 (42 U.S.C. 4321 et
16 seq.).

17 **SEC. 1670. REPORTS ON UNFUNDED PRIORITIES OF THE**
18 **MISSILE DEFENSE AGENCY.**

19 (a) REPORTS.—Not later than 10 days after the date
20 on which the budget of the President for each of fiscal
21 years 2020 and 2021 is submitted to Congress pursuant
22 to section 1105 of title 31, United States Code, the Direc-
23 tor of the Missile Defense Agency shall submit to the Sec-
24 retary of Defense and the Chairman of the Joint Chiefs
25 of Staff, and to the congressional defense committees, a

1 report on the unfunded priorities of the Missile Defense
2 Agency.

3 (b) ELEMENTS.—

4 (1) MATTERS INCLUDED.—Each report under
5 subsection (a) shall specify, for each unfunded pri-
6 ority covered by such report, the following:

7 (A) A summary description of such pri-
8 ority, including the objectives to be achieved if
9 such priority is funded (whether in whole or in
10 part).

11 (B) The additional amount of funds rec-
12 ommended in connection with the objectives
13 under subparagraph (A).

14 (C) Account information with respect to
15 such priority, including, as applicable—

16 (i) the line item number for applicable
17 procurement accounts;

18 (ii) the program element number for
19 applicable research, development, test, and
20 evaluation accounts; and

21 (iii) the sub-activity group for applica-
22 ble operation and maintenance accounts.

23 (2) PRIORITIZATION OF PRIORITIES.—Each re-
24 port under subsection (a) shall present the unfunded

1 priorities covered by such report in order of urgency
2 of priority.

3 (c) UNFUNDED PRIORITY DEFINED.—In this section,
4 the term “unfunded priority”, in the case of a fiscal year,
5 means a program, activity, or mission requirement of the
6 Missile Defense Agency that—

7 (1) is not funded in the budget of the President
8 for the fiscal year as submitted to Congress pursu-
9 ant to section 1105 of title 31, United States Code;

10 (2) is necessary to fulfill a requirement associ-
11 ated with an operational or contingency plan of a
12 combatant command or other validated requirement;
13 and

14 (3) would have been recommended for funding
15 through the budget referred to in paragraph (1) by
16 the Director of the Missile Defense Agency in con-
17 nection with the budget if—

18 (A) additional resources had been available
19 for the budget to fund the program, activity, or
20 mission requirement; or

21 (B) the program, activity, or mission re-
22 quirement has emerged since the budget was
23 formulated.

24 **SEC. 1671. REPORT ON BALLISTIC MISSILE DEFENSE.**

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

1 (1) The Secretary of Defense is conducting a
2 ballistic missile defense review that will assess the
3 capabilities and requirements for homeland, regional,
4 and theater missile defense.

5 (2) This review will have significant implica-
6 tions for national security and potentially on re-
7 source prioritization and requirements.

8 (3) The review was initially expected to have
9 been completed by January but has been delayed
10 several months due to revisions and has not yet been
11 submitted to Congress.

12 (b) REPORT.—Not later than 30 days after the date
13 of the enactment of this Act, the Secretary of Defense
14 shall submit to the congressional defense committees a re-
15 port on ballistic missile defense that addresses the implica-
16 tions for planned programs of record, costs and resource
17 prioritization, and strategic stability.

18 **SEC. 1672. SENSE OF CONGRESS ON MISSILE AND ROCKET**
19 **DEFENSE COOPERATION BETWEEN THE**
20 **UNITED STATES AND ISRAEL.**

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

22 (1) The United States and Israel signed a
23 Memorandum of Understanding on September 14,
24 2016, that covers the 10-year period beginning with
25 fiscal year 2019.

1 (2) The Memorandum of Understanding states
2 that the United States will provide annual funding
3 of \$500,000,000 for cooperative programs to de-
4 velop, produce, and procure missile, rocket, and pro-
5 jectile defense capabilities to help Israel meet its se-
6 curity needs and to help develop and enhance the
7 missile defense capabilities of the United States.

8 (3) The Memorandum of Understanding further
9 states that Israel may seek additional missile de-
10 fense funding from the United States in exceptional
11 circumstances, as may be jointly agreed by the
12 United States and Israel.

13 (b) SENSE OF CONGRESS.—It is the sense of Con-
14 gress that—

15 (1) the strong and enduring relationship be-
16 tween the United States and Israel is in the national
17 security interest of both countries; and

18 (2) the September 2016 Memorandum of Un-
19 derstanding between the United States and Israel,
20 including the provisions of the memorandum relating
21 to missile and rocket defense cooperation, is a crit-
22 ical component of the bilateral relationship.

1 **Subtitle F—Other Matters**

2 **SEC. 1681. EXTENSION OF COMMISSION TO ASSESS THE**
3 **THREAT TO THE UNITED STATES FROM ELEC-**
4 **TROMAGNETIC PULSE ATTACKS AND SIMI-**
5 **LAR EVENTS.**

6 Section 1691 of the National Defense Authorization
7 Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
8 1786) is amended—

9 (1) in subsection (e)—

10 (A) in paragraph (1)(A), by striking “April
11 1, 2019” and inserting “December 1, 2019”;
12 and

13 (B) in paragraph (3), by striking “October
14 1, 2018” and inserting “March 1, 2019”; and

15 (2) in subsection (h), by striking “October 1,
16 2019” and inserting “the date that is 180 days after
17 the date on which the Commission submits the re-
18 port under subsection (e)(1)”.

19 **SEC. 1682. PROCUREMENT OF AMMONIUM PERCHLORATE**
20 **AND OTHER CHEMICALS FOR USE IN SOLID**
21 **ROCKET MOTORS.**

22 (a) BUSINESS CASE ANALYSIS.—

23 (1) GOVERNMENT-OWNED, CONTRACTOR OPER-
24 ATED.—The Secretary of the Army and the Deputy
25 Assistant Secretary of Defense for Manufacturing

1 and Industrial Base Policy shall jointly conduct a
2 business case analysis of the Federal Government
3 using a Government-owned, contractor-operated
4 model to ensure a robust domestic industrial base to
5 supply specialty chemicals, including ammonium per-
6 chlorate, for use in solid rocket motors. Such anal-
7 ysis shall include assessments of the near- and long-
8 term costs, operating and sustainment costs, pro-
9 gram impacts, opportunities for competition, oppor-
10 tunities for redundant or complementary capabili-
11 ties, and national security implications of using such
12 a model.

13 (2) REPORT.—Not later than March 1, 2019,
14 the Secretary and the Deputy Assistant Secretary
15 shall submit to the congressional defense committees
16 the business case analysis conducted under para-
17 graph (1).

18 (b) FULL AND OPEN COMPETITION.—

19 (1) USE.—To the extent practicable, in award-
20 ing a contract for the sale of ammonium perchlorate
21 from retired solid rocket motors, the Secretary of
22 Defense shall use full and open competition (as de-
23 fined in section 107 of title 41, United States Code).

24 (2) NOTIFICATION.—If the Secretary awards a
25 contract for the sale of ammonium perchlorate from

1 retired solid rocket motors using procedures that do
2 not include full and open competition, the Secretary
3 shall notify the congressional defense committees of
4 such award not later than 30 days after the date of
5 such award.

6 **SEC. 1683. CONVENTIONAL PROMPT GLOBAL STRIKE**
7 **HYPERSONIC CAPABILITIES.**

8 (a) **VALIDATED REQUIREMENTS.**—Not later than
9 November 30, 2018, the Secretary of Defense shall submit
10 to the congressional defense committees a validated re-
11 quirement for ground-, sea-, or air-launched (or a com-
12 bination thereof) conventional prompt global strike
13 hypersonic capabilities.

14 (b) **REPORT.**—Not later than January 31, 2019, the
15 Under Secretary of Defense for Acquisition and
16 Sustainment, in coordination with the Secretary of the
17 Navy and the Under Secretary of Defense for Policy, shall
18 submit to the congressional defense committees a report
19 that contains the following:

20 (1) A plan to deliver a conventional prompt
21 global strike weapon system that—

22 (A) is in accordance with section 1693 of
23 the National Defense Authorization Act for Fis-
24 cal Year 2018 (Public Law 115–91; 131 Stat.
25 1791); and

1 (B) includes—

2 (i) options with cost estimates for ac-
3 celerating the initial capability for such
4 system; and

5 (ii) a description of policy decisions by
6 the Secretary of Defense that are nec-
7 essary to employ hypersonic offense capa-
8 bilities from each potential launch platform
9 of such system.

10 (2) Details with respect to the assessed level of
11 ambiguity and misinterpretation risk relating to the
12 conventional prompt global strike weapon system, in-
13 cluding such potential risks associated with warhead
14 ambiguity, platform ambiguity (including if adver-
15 sary sensors are degraded), perceptions of the sur-
16 vivability of strategic nuclear forces, and likely ad-
17 versary responses.

18 (3) A description of whether, when, and how
19 the Under Secretary would address the risks identi-
20 fied under paragraph (2) in developing and deploy-
21 ing the conventional prompt global strike weapon
22 system and in developing the concept of operations
23 for such system.

1 **SEC. 1684. REPORT REGARDING INDUSTRIAL BASE FOR**
2 **LARGE SOLID ROCKET MOTORS.**

3 (a) REPORT.—

4 (1) IN GENERAL.—Not later than April 15,
5 2019, the Under Secretary of Defense for Acquisi-
6 tion and Sustainment, in consultation with the Sec-
7 retaries of the military departments that the Under
8 Secretary determines appropriate, shall submit to
9 the appropriate congressional committees a report
10 on whether, and if so, how, the Federal Government
11 will sustain more than one supplier for large solid
12 rocket motors.

13 (2) MATTERS INCLUDED.—The report under
14 paragraph (1) shall include an assessment of the fol-
15 lowing:

16 (A) The risks within the industrial base for
17 large solid rocket motors, including the risks to
18 national security.

19 (B) The near- and long-term costs associ-
20 ated with having a single source of large solid
21 rocket motors as compared to having more than
22 one such source.

23 (C) Options for sustaining more than one
24 supplier for large solid rocket motors, including
25 through leveraging—

- 1 (i) the ground-based strategic deter-
- 2 rent program;
- 3 (ii) the Trident II D5 fleet ballistic
- 4 missile program;
- 5 (iii) the ground-based midcourse de-
- 6 fense program;
- 7 (iv) national security space launch
- 8 programs;
- 9 (v) programs of the National Aero-
- 10 nautics and Space Administration; and
- 11 (vi) any other applicable programs
- 12 that use or may use solid rocket motors of
- 13 any size, including with respect to substra-
- 14 tegic and tactical systems.

15 (b) BRIEFING.—Not later than November 30, 2018,
16 the Under Secretary shall provide to the Committees on
17 Armed Services of the House of Representatives and the
18 Senate, and to any other appropriate congressional com-
19 mittee upon request, a briefing on the industrial base for
20 large solid rocket motors.

21 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
22 FINED.—In this section, the term “appropriate congres-
23 sional committees” means the following:

- 24 (1) The congressional defense committees.

1 (2) The Committee on Science, Space, and
2 Technology and the Permanent Select Committee on
3 Intelligence of the House of Representatives.

4 (3) The Committee on Commerce, Science, and
5 Transportation and the Select Committee on Intel-
6 ligence of the Senate.

7 **SEC. 1685. NATIONAL INTELLIGENCE ESTIMATE WITH RE-**
8 **SPECT TO RUSSIAN AND CHINESE INTER-**
9 **FERENCE IN DEMOCRATIC COUNTRIES.**

10 Not later than 270 days after the date of the enact-
11 ment of this Act, the Director of National Intelligence
12 shall commission and produce a National Intelligence Esti-
13 mate, which may be submitted in classified form with an
14 unclassified summary, on Russian and Chinese inter-
15 ference in democratic countries around the world, includ-
16 ing the United States, that contains specific descriptions
17 of such interference.

18 **DIVISION B—MILITARY CON-**
19 **STRUCTION AUTHORIZA-**
20 **TIONS**

21 **SEC. 2001. SHORT TITLE.**

22 This division may be cited as the “Military Construc-
23 tion Authorization Act for Fiscal Year 2019”.

1 **SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND**
2 **AMOUNTS REQUIRED TO BE SPECIFIED BY**
3 **LAW.**

4 (a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE
5 YEARS.—Except as provided in subsection (b), all author-
6 izations contained in titles XXI through XXVII and title
7 XXIX for military construction projects, land acquisition,
8 family housing projects and facilities, and contributions to
9 the North Atlantic Treaty Organization Security Invest-
10 ment Program (and authorizations of appropriations
11 therefor) shall expire on the later of—

12 (1) October 1, 2023; or

13 (2) the date of the enactment of an Act author-
14 izing funds for military construction for fiscal year
15 2024.

16 (b) EXCEPTION.—Subsection (a) shall not apply to
17 authorizations for military construction projects, land ac-
18 quisition, family housing projects and facilities, and con-
19 tributions to the North Atlantic Treaty Organization Se-
20 curity Investment Program (and authorizations of appro-
21 priations therefor), for which appropriated funds have
22 been obligated before the later of—

23 (1) October 1, 2023; or

24 (2) the date of the enactment of an Act author-
25 izing funds for fiscal year 2024 for military con-
26 struction projects, land acquisition, family housing

1 projects and facilities, or contributions to the North
 2 Atlantic Treaty Organization Security Investment
 3 Program.

4 **SEC. 2003. EFFECTIVE DATE.**

5 Titles XXI through XXVII and title XXIX shall take
 6 effect on the later of—

7 (1) October 1, 2018; or

8 (2) the date of the enactment of this Act.

9 **TITLE XXI—ARMY MILITARY**
 10 **CONSTRUCTION**

11 **SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND**
 12 **ACQUISITION PROJECTS.**

13 (a) INSIDE THE UNITED STATES.—Using amounts
 14 appropriated pursuant to the authorization of appropria-
 15 tions in section 2103(a) and available for military con-
 16 struction projects inside the United States as specified in
 17 the funding table in section 4601, the Secretary of the
 18 Army may acquire real property and carry out military
 19 construction projects for the installations or locations in-
 20 side the United States, and in the amounts, set forth in
 21 the following table:

Army: Inside the United States

State	Installation	Amount
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

Army: Inside the United States—Continued

State	Installation	Amount
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

1 (b) OUTSIDE THE UNITED STATES.—Using amounts
2 appropriated pursuant to the authorization of appropria-
3 tions in section 2103(a) and available for military con-
4 struction projects outside the United States as specified
5 in the funding table in section 4601, the Secretary of the
6 Army may acquire real property and carry out the military
7 construction project for the installations or locations out-
8 side the United States, and in the amount, set forth in
9 the following table:

Army: Outside the United States

Country	Installation	Amount
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

SEC. 2102. FAMILY HOUSING.

11 (a) CONSTRUCTION AND ACQUISITION.—Using
12 amounts appropriated pursuant to the authorization of ap-
13 propriations in section 2103(a) and available for military
14 family housing functions as specified in the funding table
15 in section 4601, the Secretary of the Army 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:

Army: Family Housing

State/Country	Installation	Units	Amount
Italy	Vicenza	Family Housing New Construction	\$95,134,000
Korea	Camp Walker	Family Housing Replacement Construction	\$68,000,000
Puerto Rico	Fort Buchanan	Family Housing Replacement Construction	\$26,000,000
Wisconsin	Fort McCoy	Family Housing New Construction	\$6,200,000

3 (b) PLANNING AND DESIGN.—Using amounts appro-
 4 priated pursuant to the authorization of appropriations in
 5 section 2103(a) and available for military family housing
 6 functions as specified in the funding table in section 4601,
 7 the Secretary of the Army may carry out architectural and
 8 engineering services and construction design activities
 9 with respect to the construction or improvement of family
 10 housing units in an amount not to exceed \$18,326,000.

11 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

12 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
 13 are hereby authorized to be appropriated for fiscal years
 14 beginning after September 30, 2018, for military con-
 15 struction, land acquisition, and military family housing
 16 functions of the Department of the Army as specified in
 17 the funding table in section 4601.

18 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION
 19 PROJECTS.—Notwithstanding the cost variations author-

1 ized by section 2853 of title 10, United States Code, and
 2 any other cost variation authorized by law, the total cost
 3 of all projects carried out under section 2101 of this Act
 4 may not exceed the total amount authorized to be appro-
 5 priated under subsection (a), as specified in the funding
 6 table in section 4601.

7 **SEC. 2104. EXTENSION OF AUTHORIZATIONS OF CERTAIN**
 8 **FISCAL YEAR 2015 PROJECTS.**

9 (a) EXTENSION.—Notwithstanding section 2002 of
 10 the Military Construction Authorization Act for Fiscal
 11 Year 2015 (division B of Public Law 113–291; 128 Stat.
 12 3669), the authorizations set forth in the table in sub-
 13 section (b), as provided in section 2101 of that Act (128
 14 Stat. 3670), shall remain in effect until October 1, 2019,
 15 or the date of the enactment of an Act authorizing funds
 16 for military construction for fiscal year 2020, whichever
 17 is later.

18 (b) TABLE.—The table referred to in subsection (a)
 19 is as follows:

Army: Extension of 2015 Project Authorization

State/Country	Installation	Project	Amount
California	Military Ocean Ter- minal, Concord.	Access Control Point	\$9,900,000
Japan	Kadena Air Base	Missile Magazine	\$10,600,000

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
6 appropriated pursuant to the authorization of appropria-
7 tions in section 2204(a) and available for military con-
8 struction projects inside the United States as specified in
9 the funding table in section 4601, the Secretary of the
10 Navy may acquire real property and carry out military
11 construction projects for the installations or locations in-
12 side the United States, and in the amounts, set forth in
13 the following table:

Navy: Inside the United States

State	Installation or Location	Amount
Arizona	Camp Navajo	\$14,800,000
California	Marine Corps Base Camp Pendleton	\$127,930,000
	Marine Corps Air Station Miramar	\$31,980,000
	Naval Air Station Lemoore	\$127,590,000
	Naval Base Coronado	\$156,580,000
	Naval Base San Diego	\$176,040,000
	Naval Base Ventura	\$53,160,000
	Naval Weapons Station Seal Beach	\$139,630,000
District of Columbia ..	Naval Observatory	\$115,600,000
Florida	Naval Air Station Whiting Field	\$10,000,000
	Naval Station Mayport	\$111,460,000
Georgia	Marine Corps Logistics Base Albany	\$31,900,000
Guam	Joint Region Marianas	\$355,257,000
Hawaii	Joint Base Pearl Harbor-Hickam	\$123,320,000
	Marine Corps Base Hawaii	\$66,100,000
Maine	Portsmouth Naval Yard	\$149,685,000
Mississippi	Naval Construction Battalion Center	\$22,300,000
North Carolina	Marine Corps Base Camp Lejeune	\$51,300,000
	Marine Corps Air Station Cherry Point	\$240,830,000
Pennsylvania	Naval Support Activity Philadelphia	\$71,050,000
South Carolina	Marine Corps Air Station Beaufort	\$15,817,000
	Marine Corps Recruit Depot, Parris Island	\$35,190,000
Utah	Hill Air Force Base	\$105,520,000
Virginia	Marine Corps Base Quantico	\$13,100,000
	Norfolk Naval Shipyard	\$26,120,000
Washington	Naval Base Kitsap	\$88,960,000
	Naval Air Station Whidbey Island	\$27,380,000

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of the Navy may acquire real property and carry out military construction projects for the installation or location outside the United States, and in the amounts, set forth in the following table:

Navy: Outside the United States

Country	Installation or Location	Amount
Bahamas	Andros Island	\$31,050,000
Bahrain	SW Asia	\$26,340,000
Cuba	Naval Station Guantanamo Bay	\$104,700,000
Germany	Panzer Kaserne	\$43,950,000
Japan	Kadena Air Base	\$9,049,000

SEC. 2202. FAMILY HOUSING.

(a) CONSTRUCTION AND ACQUISITION.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may construct or acquire family housing units (including land acquisition and supporting facilities) at the installations or locations, in the number of units, and in the amounts set forth in the following table:

Navy: Family Housing

Country	Installation	Units	Amount
Guam	Joint Region Marianas	Replace Andersen Housing PH III ...	\$83,441,000

(b) PLANNING AND DESIGN.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed \$4,502,000.

SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2825 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may improve existing military family housing units in an amount not to exceed \$16,638,000.

SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for military construction, land acquisition, and military family housing

1 functions of the Department of the Navy, as specified in
 2 the funding table in section 4601.

3 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION
 4 PROJECTS.—Notwithstanding the cost variations author-
 5 ized by section 2853 of title 10, United States Code, and
 6 any other cost variation authorized by law, the total cost
 7 of all projects carried out under section 2201 of this Act
 8 may not exceed the total amount authorized to be appro-
 9 priated under subsection (a), as specified in the funding
 10 table in section 4601.

11 **TITLE XXIII—AIR FORCE** 12 **MILITARY CONSTRUCTION**

13 **SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND** 14 **LAND ACQUISITION PROJECTS.**

15 (a) INSIDE THE UNITED STATES.—Using amounts
 16 appropriated pursuant to the authorization of appropria-
 17 tions in section 2304(a) and available for military con-
 18 struction projects inside the United States as specified in
 19 the funding table in section 4601, the Secretary of the
 20 Air Force may acquire real property and carry out mili-
 21 tary construction projects for the installations or locations
 22 inside the United States, and in the amounts, set forth
 23 in the following table:

Air Force: Inside the United States

State	Installation or Location	Amount
Alaska	Eielson Air Force Base	\$63,800,000
Arizona	Davis Monthan Air Force Base	\$15,000,000

Air Force: Inside the United States—Continued

State	Installation or Location	Amount
	Luke Air Force Base	\$40,000,000
Arkansas	Little Rock Air Force Base	\$26,000,000
Florida	Eglin Air Force Base	\$62,863,000
	MacDill Air Force Base	\$3,100,000
	Patrick Air Force Base	\$9,000,000
Guam	Joint Region Marianas	\$9,800,000
Louisiana	Barksdale Air Force Base	\$12,250,000
Mariana Islands	Tinian	\$50,700,000
Maryland	Joint Base Andrews	\$58,000,000
Massachusetts	Hanscom Air Force Base	\$225,000,000
Nebraska	Offutt Air Force Base	\$9,500,000
Nevada	Creech Air Force Base	\$59,000,000
	Nellis Air Force Base	\$5,900,000
New Mexico	Holloman Air Force Base	\$85,000,000
	Kirtland Air Force Base	\$7,000,000
New York	Rome Lab	\$14,200,000
North Dakota	Minot Air Force Base	\$66,000,000
Ohio	Wright-Patterson Air Force Base.	\$182,000,000
Oklahoma	Altus Air Force Base	\$12,000,000
	Tinker Air Force Base	\$166,000,000
South Carolina	Shaw Air Force Base	\$53,000,000
Utah	Hill Air Force Base	\$26,000,000
Washington	Fairchild-White Bluff	\$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
5 in the funding table in section 4601, the Secretary of the
6 Air Force may acquire real property and carry out mili-
7 tary construction projects for the installation or location
8 outside the United States, and in the amount, set forth
9 in the following table:

Air Force: Outside the United States

Country	Installation or Location	Amount
United Kingdom	Royal Air Force Lakenheath ..	\$148,467,000
Worldwide Classified	Classified Location	\$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
6 Force may carry out architectural and engineering serv-
7 ices and construction design activities with respect to the
8 construction or improvement of family housing units in an
9 amount 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
13 Code, and using amounts appropriated pursuant to the
14 authorization of appropriations in section 2304(a) and
15 available for military family housing functions as specified
16 in the funding table in section 4601, the Secretary of the
17 Air Force may improve existing military family housing
18 units in an amount not to exceed \$75,247,000.

19 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**
20 **FORCE.**

21 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
22 are hereby authorized to be appropriated for fiscal years
23 beginning after September 30, 2018, for military con-
24 struction, land acquisition, and military family housing
25 functions of the Department of the Air Force, as specified
26 in the funding 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
23 Year 2017 (division B of Public Law 114-328; 130 Stat.
24 2697) for Royal Air Force Croughton for JIAC Consolida-

1 tion Phase 3, the location shall be United Kingdom, Un-
2 specified.

3 **SEC. 2306. MODIFICATION OF AUTHORITY TO CARRY OUT**
4 **CERTAIN FISCAL YEAR 2017 PROJECT.**

5 In the case of the authorization contained in the table
6 in section 2301(a) of the Military Construction Authoriza-
7 tion Act for Fiscal Year 2017 (division B of Public Law
8 114-328; 130 Stat. 2696) for Joint Base San Antonio,
9 Texas, for construction of a basic military training recruit
10 dormitory, the Secretary of the Air Force may construct
11 a 26,537 square meter dormitory in the amount of
12 \$92,300,000.

13 **SEC. 2307. MODIFICATION OF AUTHORITY TO CARRY OUT**
14 **CERTAIN FISCAL YEAR 2018 PROJECT.**

15 In the case of the authorization contained in the table
16 in section 2301(a) of the Military Construction Authoriza-
17 tion Act for Fiscal Year 2018 (division B of Public Law
18 115-91; 131 Stat. 1825) for the United States Air Force
19 Academy, Colorado, for construction of a cyberworks facil-
20 ity, the Secretary of the Air Force may construct a facility
21 of up to 4,000 square meters.

1 **SEC. 2308. ADDITIONAL AUTHORITY TO CARRY OUT CER-**
2 **TAIN FISCAL YEAR 2019 PROJECTS.**

3 (a) PROJECT AUTHORIZATIONS.—The Secretary of
4 the Air Force may carry out military construction projects
5 to construct—

6 (1) a 6,702 square meter Joint Simulation En-
7 vironment Facility at Edwards Air Force Base, Cali-
8 fornia, in the amount of \$43,000,000;

9 (2) a 4,833 square meter Cyberspace Test Fa-
10 cility at Eglin Air Force Base, Florida, in the
11 amount of \$38,000,000; and

12 (3) a 4,735 square meter Joint Simulation En-
13 vironment Facility at Nellis Air Force Base, Nevada,
14 in the amount of \$30,000,000.

15 (b) USE OF RESEARCH, DEVELOPMENT, TEST, AND
16 EVALUATION FUNDS.—As provided for in the Defense
17 Laboratory Modernization Pilot Program authorized by
18 section 2803 of the Military Construction Authorization
19 Act for Fiscal Year 2016 (10 U.S.C. 2358 note), the Sec-
20 retary may use funds available for research, development,
21 test, and evaluation for the projects described in sub-
22 section (a).

1 SEC. 2309. ADDITIONAL AUTHORITY TO CARRY OUT
2 PROJECT AT TRAVIS AIR FORCE BASE, CALI-
3 FORNIA, IN FISCAL YEAR 2019.

4 The Secretary of the Air Force may carry out a mili-
5 tary construction project to construct a 150,000 square
6 foot high-bay air cargo pallet storage and marshaling en-
7 closure integral to installation of a mechanized material
8 handling system at Travis Air Force Base, California, in
9 the amount of \$35,000,000.

10 TITLE XXIV—DEFENSE AGEN-
11 CIES MILITARY CONSTRU-
12 TION

13 SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUC-
14 TION AND LAND ACQUISITION PROJECTS.

15 (a) INSIDE THE UNITED STATES.—Using amounts
16 appropriated pursuant to the authorization of appropria-
17 tions in section 2403(a) and available for military con-
18 struction projects inside the United States as specified in
19 the funding table in section 4601, the Secretary of De-
20 fense may acquire real property and carry out military
21 construction projects for the installations or locations in-
22 side the United States, and in the amounts, set forth in
23 the following table:

Defense Agencies: Inside the United States

State	Installation or Location	Amount
Alaska	Clear Air Force Station	\$174,000,000
	Joint Base Elmendorf-Richardson	\$14,000,000
Arkansas	Little Rock Air Force Base	\$14,000,000

Defense Agencies: Inside the United States—Continued

State	Installation or Location	Amount
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

1 (b) OUTSIDE THE UNITED STATES.—Using amounts
2 appropriated pursuant to the authorization of appropria-
3 tions in section 2403(a) and available for military con-
4 struction projects outside the United States as specified
5 in the funding table in section 4601, the Secretary of De-
6 fense may acquire real property and carry out military
7 construction projects for the installations or locations out-
8 side the United States, and in the amounts, set forth in
9 the following table:

Defense Agencies: Outside the United States

Country	Installation or Location	Amount
Belgium	Chievres Air Base	\$14,305,000
Cuba	Naval Station Guantanamo Bay	\$9,080,000
Germany	Baumholder	\$11,504,000
	Kaiserslautern Air Base	\$99,955,000
	Wiesbaden	\$56,048,000
Japan	Camp McTureous	\$94,851,000
	Iwakuni	\$33,200,000
	Kadena Air Base	\$21,400,000
	Yokosuka	\$170,386,000

1 **SEC. 2402. AUTHORIZED ENERGY CONSERVATION**
2 **PROJECTS.**

3 Using amounts appropriated pursuant to the author-
4 ization of appropriations in section 2403(a) and available
5 for energy conservation projects as specified in the funding
6 table in section 4601, the Secretary of Defense may carry
7 out energy conservation projects under chapter 173 of title
8 10, United States Code, in the amount set forth in the
9 table.

10 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DE-**
11 **FENSE AGENCIES.**

12 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
13 are hereby authorized to be appropriated for fiscal years
14 beginning after September 30, 2018, for military con-
15 struction, land acquisition, and military family housing
16 functions of the Department of Defense (other than the
17 military departments), as specified in the funding table
18 in section 4601.

19 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**
20 **PROJECTS.**—Notwithstanding the cost variations author-
21 ized by section 2853 of title 10, United States Code, and
22 any other cost variation authorized by law, the total cost
23 of all projects carried out under section 2401 of this Act
24 may not exceed the total amount authorized to be appro-
25 priated under subsection (a), as specified in the funding
26 table in section 4601.

1 SEC. 2404. EXTENSION OF AUTHORIZATIONS OF CERTAIN
2 FISCAL YEAR 2015 PROJECTS.

3 (a) EXTENSION.—Notwithstanding section 2002 of
 4 the Military Construction Authorization Act for Fiscal
 5 Year 2015 (division B of Public Law 113–291; 128 Stat.
 6 3669), the authorizations set forth in the table in sub-
 7 section (b), as provided in section 2401 of that Act (128
 8 Stat. 3681) and as amended by section 2406 of the Mili-
 9 tary Construction Authorization Act for Fiscal Year 2018
 10 (division B of Public Law 115–91; 131 Stat. 1831), shall
 11 remain in effect until October 1, 2019, or the date of the
 12 enactment of an Act authorizing funds for military con-
 13 struction for fiscal year 2020, whichever is later.

14 (b) TABLE.—The table referred to in subsection (a)
 15 is as follows:

Defense Agencies: Extension of 2015 Project Authorizations

State/Country	Installation or Location	Project	Amount
Japan	Commander Fleet Activities Sasebo	E.J. King High School Replacement/Renovation	\$37,681,000
Japan	Okinawa	Kubasaki High School Replacement/Renovation	\$99,420,000
New Mexico	Cannon AFB	SOF Squadron Operations Facility (STS)	\$23,333,000
Virginia	Pentagon	Redundant Chilled Water Loop	\$15,100,000

1 **TITLE XXV—INTERNATIONAL**
2 **PROGRAMS**
3 **Subtitle A—North Atlantic Treaty**
4 **Organization Security Invest-**
5 **ment Program**

6 **SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND**
7 **ACQUISITION PROJECTS.**

8 The Secretary of Defense may make contributions for
9 the North Atlantic Treaty Organization Security Invest-
10 ment Program as provided in section 2806 of title 10,
11 United States Code, in an amount not to exceed the sum
12 of the amount authorized to be appropriated for this pur-
13 pose in section 2502 and the amount collected from the
14 North Atlantic Treaty Organization as a result of con-
15 struction previously financed by the United States.

16 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

17 Funds are hereby authorized to be appropriated for
18 fiscal years beginning after September 30, 2018, for con-
19 tributions by the Secretary of Defense under section 2806
20 of title 10, United States Code, for the share of the United
21 States of the cost of projects for the North Atlantic Treaty
22 Organization Security Investment Program authorized by
23 section 2501 as specified in the funding table in section
24 4601.

1 **Subtitle B—Host Country In-Kind**

2 **Contributions**

3 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**

4 **PROJECTS.**

5 Pursuant to agreement with the Republic of Korea
6 for required in-kind contributions, the Secretary of De-
7 fense may accept military construction projects for the in-
8 stallations or locations, and in the amounts, set forth in
9 the following table:

Republic of Korea Funded Construction Projects

Country	Compo- nent	Installation or Location	Project	Amount
Korea	Army	Camp Carroll	Upgrade Electrical Distribu- tion, Phase 2	\$52,000,000
	Army	Camp Hum- phreys	Site Development	\$7,800,000
	Army	Camp Hum- phreys	Air Support Operations Squadron	\$25,000,000
	Army	Camp Hum- phreys	Unaccompanied Enlisted Personnel Housing, P2 ...	\$76,000,000
	Army	Camp Hum- phreys	Echelon Above Brigade En- gineer Battalion, VMF	\$123,000,000
	Army	Camp Walker	Repair/Replace Sewer Pip- ing System	\$8,000,000
	Navy	Chinhae	Indoor Training Pool	\$7,400,000
	Navy	Pohang Air Base	Replace Ordnance Storage Magazines	\$87,000,000
	Air Force	Gimhae Air Base	Airfield Damage Repair Warehouse	\$7,600,000
	Air Force	Gwangju Air Base	Airfield Damage Repair Warehouse	\$7,600,000
	Air Force	Kunsan Air Base	Explosive Ordnance Dis- posal Facility	\$8,000,000
	Air Force	Kunsan Air Base	Upgrade Flow-Through Fuel System	\$23,000,000
	Air Force	Osan Air Base	5th Reconnaissance Squad- ron Aircraft Shelter	\$12,000,000
	Air Force	Osan Air Base	Airfield Damage Repair Fa- cility	\$22,000,000

Republic of Korea Funded Construction Projects—Continued

Country	Component	Installation or Location	Project	Amount
	Air Force	Osan Air Base	Communications HQ Building	\$45,000,000
	Air Force	Suwon Air Base	Airfield Damage Repair Warehouse	\$7,200,000

**TITLE XXVI—GUARD AND
RESERVE FORCES FACILITIES
Subtitle A—Project Authorizations
and Authorization of Appropriations**

**SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-
STRUCTION AND LAND ACQUISITION
PROJECTS.**

Using amounts appropriated pursuant to the authorization of appropriations in section 2606 and available for the National Guard and Reserve as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the Army National Guard locations inside the United States, and in the amounts, set forth in the following table:

Army National Guard

State	Location	Amount
Alaska	Joint Base Elmendorf-Richardson	\$27,000,000
Illinois	Marseilles Training Center	\$5,000,000
Montana	Malta	\$15,000,000
Nevada	North Las Vegas	\$32,000,000
New Hampshire	Pembroke	\$12,000,000
North Dakota	Fargo	\$32,000,000
Ohio	Camp Ravenna	\$7,400,000
Oklahoma	Lexington	\$11,000,000

Army National Guard—Continued

State	Location	Amount
South Dakota	Rapid City	\$15,000,000

1 SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION
2 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 fund-
6 ing table in section 4601, the Secretary of the Army may
7 acquire real property and carry out military construction
8 projects for the Army Reserve locations inside the United
9 States, and in the amounts, set forth in the following
10 table:

Army Reserve: Inside the United States

State	Location	Amount
California	Fort Irwin	\$34,000,000
Washington	Yakima Training Center	\$23,000,000
Wisconsin	Fort McCoy	\$23,000,000

11 SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE
12 CORPS RESERVE CONSTRUCTION AND LAND
13 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 fund-
17 ing table in section 4601, the Secretary of the Navy may
18 acquire real property and carry out military construction
19 projects for the Navy Reserve and Marine Corps Reserve

- 1 locations inside the United States, and in the amounts,
 2 set forth in the following table:

Navy Reserve and Marine Corps Reserve

State	Location	Amount
California	Naval Weapons Station Seal Beach	\$21,740,000
Georgia	Fort Benning	\$13,630,000

3 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUC-**
 4 **TION AND LAND ACQUISITION PROJECTS.**

5 Using amounts appropriated pursuant to the author-
 6 ization of appropriations in section 2606 and available for
 7 the National Guard and Reserve as specified in the fund-
 8 ing table in section 4601, the Secretary of the Air Force
 9 may acquire real property and carry out military construc-
 10 tion projects for the Air National Guard locations inside
 11 the United States, and in the amounts, set forth in the
 12 following table:

Air National Guard

State	Location	Amount
California	Channel Islands Air National Guard Station	\$8,000,000
Hawaii	Joint Base Pearl Harbor-Hickam	\$17,000,000
Illinois	Greater Peoria Regional Airport	\$9,000,000
Louisiana	Naval Air Station Joint Reserve Base New Orleans.	\$39,000,000
Minnesota	Duluth International Airport	\$8,000,000
Montana	Great Falls International Airport	\$9,000,000
New York	Francis S. Gabreski Airport	\$20,000,000
Ohio	Mansfield Lahm Airport	\$13,000,000
	Rickenbacker International Airport	\$8,000,000
Pennsylvania	Fort Indiantown Gap	\$8,000,000
Virginia	Joint Base Langley-Eustis	\$10,000,000

13 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUC-**
 14 **TION AND LAND ACQUISITION PROJECTS.**

15 Using amounts appropriated pursuant to the author-
 16 ization of appropriations in section 2606 and available for

1 the National Guard and Reserve as specified in the fund-
 2 ing table in section 4601, the Secretary of the Air Force
 3 may acquire real property and carry out military construc-
 4 tion projects for the Air Force Reserve locations inside
 5 the United States, and in the amounts, set forth in the
 6 following table:

Air Force Reserve

State	Location	Amount
Florida	Patrick Air Force Base	\$24,000,000
Indiana	Grissom Air Reserve Base	\$21,500,000
Massachusetts	Westover Air Reserve Base	\$42,600,000
Minnesota	Minneapolis-St. Paul International Airport	\$9,000,000
Mississippi	Keesler Air Force Base	\$4,550,000
New York	Niagara Falls International Airport	\$14,000,000
Ohio	Youngstown Air Reserve Station	\$8,800,000
Texas	Naval Air Station Joint Reserve Base Fort Worth.	\$3,100,000

7 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**
 8 **TIONAL GUARD AND RESERVE.**

9 Funds are hereby authorized to be appropriated for
 10 fiscal years beginning after September 30, 2018, for the
 11 costs of acquisition, architectural and engineering services,
 12 and construction of facilities for the Guard and Reserve
 13 Forces, and for contributions therefor, under chapter
 14 1803 of title 10, United States Code (including the cost
 15 of acquisition of land for those facilities), as specified in
 16 the funding table in section 4601.

1 **Subtitle B—Other Matters**

2 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT**
3 **CERTAIN FISCAL YEAR 2016 PROJECT.**

4 In the case of the authorization contained in the table
5 in section 2603 of the Military Construction Authorization
6 Act for Fiscal Year 2016 (division B of Public Law 114–
7 92; 129 Stat. 1164) for construction of a Reserve Train-
8 ing Center Complex at Dam Neck, Virginia, the Secretary
9 of the Navy may construct the Reserve Training Center
10 Complex at Joint Expeditionary Base Little Creek-Story,
11 Virginia.

12 **SEC. 2612. MODIFICATION OF AUTHORITY TO CARRY OUT**
13 **CERTAIN FISCAL YEAR 2018 PROJECT.**

14 In the case of the authorization contained in the table
15 in section 2601 of the Military Construction Authorization
16 Act for Fiscal Year 2018 (division B of Public Law 115–
17 91; 131 Stat. 1834) for Fort Belvoir, Virginia, for addi-
18 tions and alterations to the National Guard Readiness
19 Center, the Secretary of the Army may construct a new
20 readiness center.

21 **SEC. 2613. ADDITIONAL AUTHORITY TO CARRY OUT CER-**
22 **TAIN FISCAL YEAR 2019 PROJECT.**

23 (a) PROJECT AUTHORIZATION.—

24 (1) PROJECT.—The Secretary of the Navy may
25 carry out a military construction project to construct

1 a 50,000 square foot reserve training center, 6,600
2 square foot combat vehicle maintenance and storage
3 facility, 2,400 square foot vehicle wash rack, 1,600
4 square foot covered training area, road improve-
5 ments, and associated supporting facilities.

6 (2) ACQUISITION OF LAND.—As part of the
7 project under this subsection, the Secretary may ac-
8 quire approximately 8.5 acres of adjacent land and
9 obtain necessary interest in land at Pittsburgh,
10 Pennsylvania, for the construction and operation of
11 the reserve training center.

12 (3) AMOUNT OF AUTHORIZATION.—The total
13 amount of funds the Secretary may obligate and ex-
14 pend on activities under this subsection during fiscal
15 year 2019 may not exceed \$17,650,000.

16 (b) USE OF UNOBLIGATED PRIOR-YEAR NAVY MILI-
17 TARY CONSTRUCTION RESERVE FUNDS.—The Secretary
18 may use available, unobligated Navy military construction
19 reserve funds for the project described in subsection (a).

20 (c) CONGRESSIONAL NOTIFICATION.—The Secretary
21 of the Navy shall provide information in accordance with
22 section 2851(c) of title 10, United States Code, regarding
23 the project described in subsection (a). If it becomes nec-
24 essary to exceed the estimated project cost, the Secretary
25 shall utilize the authority provided by section 2853 of such

1 title regarding authorized cost and scope of work vari-
2 ations.

3 **TITLE XXVII—BASE REALIGN-**
4 **MENT AND CLOSURE ACTIVI-**
5 **TIES**

6 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR**
7 **BASE REALIGNMENT AND CLOSURE ACTIVI-**
8 **TIES FUNDED THROUGH DEPARTMENT OF**
9 **DEFENSE BASE CLOSURE ACCOUNT.**

10 Funds are hereby authorized to be appropriated for
11 fiscal years beginning after September 30, 2018, for base
12 realignment and closure activities, including real property
13 acquisition and military construction projects, as author-
14 ized by the Defense Base Closure and Realignment Act
15 of 1990 (part A of title XXIX of Public Law 101-510;
16 10 U.S.C. 2687 note) and funded through the Department
17 of Defense Base Closure Account established by section
18 2906 of such Act (as amended by section 2711 of the Mili-
19 tary Construction Authorization Act for Fiscal Year 2013
20 (division B of Public Law 112-239; 126 Stat. 2140)), as
21 specified in the funding table in section 4601.

22 **SEC. 2702. ADDITIONAL AUTHORITY TO REALIGN OR CLOSE**
23 **CERTAIN MILITARY INSTALLATIONS.**

24 (a) **AUTHORIZATION.**—Notwithstanding sections 993
25 or 2687 of title 10, United States Code, and subject to

1 subsection (d), the Secretary of Defense may take such
2 actions as may be necessary to carry out the realignment
3 or closure of a military installation in a State during a
4 fiscal year if—

5 (1) the military installation is the subject of a
6 notice which is described in subsection (b); and

7 (2) the Secretary includes the military installa-
8 tion in the report submitted under paragraph (2) of
9 subsection (c) with respect to the fiscal year.

10 (b) NOTICE FROM GOVERNOR OF STATE.—A notice
11 described in this subsection is a notice received by the Sec-
12 retary of Defense from the Governor of a State (or, in
13 the case of the District of Columbia, the Mayor of the
14 District of Columbia) in which the Governor recommends
15 that the Secretary carry out the realignment or closure
16 of a military installation located in the State, and which
17 includes each of the following elements:

18 (1) A specific description of the military instal-
19 lation, or a specific description of the relevant real
20 and personal property.

21 (2) Statements of support for the realignment
22 or closure from units of local government in which
23 the installation is located.

24 (3) A detailed plan for the reuse or redevelop-
25 ment of the real and personal property of the instal-

1 lation, together with a description of the local rede-
2 velopment authority which will be responsible for the
3 implementation of the plan.

4 (c) RESPONSE TO NOTICE.—

5 (1) MANDATORY RESPONSE TO GOVERNOR AND
6 CONGRESS.—Not later than 1 year after receiving a
7 notice from the Governor of a State (or, in the case
8 of the District of Columbia, from the Mayor of the
9 District of Columbia), the Secretary of Defense shall
10 submit a response to the notice to the Governor and
11 the congressional defense committees indicating
12 whether or not the Secretary accepts the rec-
13 ommendation for the realignment or closure of a
14 military installation which is the subject of the no-
15 tice.

16 (2) ACCEPTANCE OF RECOMMENDATION.—If
17 the Secretary of Defense determines that it is in the
18 interests of the United States to accept the rec-
19 ommendation for the realignment or closure of a
20 military installation which is the subject of a notice
21 received under subsection (b) and intends to carry
22 out the realignment or closure of the installation
23 pursuant to the authority of this section during a
24 fiscal year, at the time the budget is submitted
25 under section 1105(a) of title 31, United States

1 Code, for the fiscal year, the Secretary shall submit
2 a report to the congressional defense committees
3 which includes the following:

4 (A) The identification of each military in-
5 stallation for which the Secretary intends to
6 carry out a realignment or closure pursuant to
7 the authority of this section during the fiscal
8 year, together with the reasons the Secretary of
9 Defense believes that it is in the interest of the
10 United States to accept the recommendation of
11 the Governor of the State involved for the re-
12 alignment or closure of the installation.

13 (B) For each military installation identi-
14 fied under subparagraph (A), a master plan de-
15 scribing the required scope of work, cost, and
16 timing for all facility actions needed to carry
17 out the realignment or closure, including the
18 construction of new facilities and the repair or
19 renovation of existing facilities.

20 (C) For each military installation identified
21 under subparagraph (A), a certification that,
22 not later than the end of the fifth fiscal year
23 after the completion of the realignment or clo-
24 sure, the savings resulting from the realignment
25 or closure will exceed the costs of carrying out

1 the realignment or closure, together with an es-
2 timate of the annual recurring savings that
3 would be achieved by the realignment or closure
4 of the installation and the timeframe required
5 for the financial savings to exceed the costs of
6 carrying out the realignment or closure.

7 (d) LIMITATIONS.—

8 (1) TIMING.—The Secretary may not initiate
9 the realignment or closure of a military installation
10 pursuant to the authority of this section until the
11 expiration of the 90-day period beginning on the
12 date the Secretary submits the report under para-
13 graph (2) of subsection (c).

14 (2) TOTAL COSTS.—Subject to appropriations,
15 the aggregate cost to the government in carrying out
16 the realignment or closure of military installations
17 pursuant to the authority of this section for all fiscal
18 years may not exceed \$2,000,000,000. In deter-
19 mining the cost to the government for purposes of
20 this section, there shall be included the costs of
21 planning and design, military construction, oper-
22 ations and maintenance, environmental restoration,
23 information technology, termination of public-private
24 contracts, guarantees, and other factors contributing

1 to the cost of carrying out the realignment or clo-
2 sure, as determined by the Secretary.

3 (e) PROCESS FOR IMPLEMENTATION.—The imple-
4 mentation of the realignment or closure of a military in-
5 stallation pursuant to the authority of this section shall
6 be carried out in accordance with section 2905 of the De-
7 fense Base Closure and Realignment Act of 1990 (title
8 XXIX of Public Law 101–510; 10 U.S.C. 2687 note) in
9 the same manner as the implementation of a realignment
10 or closure of a military installation pursuant to the au-
11 thority of such Act.

12 (f) STATE DEFINED.—In this section, the term
13 “State” means each of the several States, the District of
14 Columbia, the Commonwealth of Puerto Rico, American
15 Samoa, Guam, the United States Virgin Islands, and the
16 Commonwealth of the Northern Mariana Islands.

17 (g) TERMINATION OF AUTHORITY.—The authority of
18 the Secretary to carry out a realignment or closure pursu-
19 ant to this section shall terminate at the end of fiscal year
20 2029.

1 **SEC. 2703. PROHIBITION ON CONDUCTING ADDITIONAL**
2 **BASE REALIGNMENT AND CLOSURE (BRAC)**
3 **ROUND.**

4 Nothing in this Act shall be construed to authorize
5 an additional Base Realignment and Closure (BRAC)
6 round.

7 **TITLE XXVIII—MILITARY CON-**
8 **STRUCTION GENERAL PROVI-**
9 **SIONS**

10 **Subtitle A—Military Construction**
11 **Program and Military Family**
12 **Housing**

13 **SEC. 2801. COMMERCIAL CONSTRUCTION STANDARDS FOR**
14 **FACILITIES ON LEASED PROPERTY.**

15 (a) USE OF COMMERCIAL STANDARDS.—Section
16 2667(b) of title 10, United States Code, is amended—

17 (1) by striking “and” at the end of paragraph
18 (6);

19 (2) by striking the period at the end of para-
20 graph (7) and inserting “; and”; and

21 (3) by adding at the end the following new
22 paragraph:

23 “(8) shall provide that any facilities constructed
24 on the property may be constructed using commer-
25 cial standards in a manner that provides force pro-

1 tection safeguards appropriate to the activities con-
2 ducted in, and the location of, such facilities.”.

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall apply with respect to leases entered into during fiscal year 2019 or any succeeding fiscal year.

6 SEC. 2802. EXTENSION OF TEMPORARY, LIMITED AUTHOR-
7 ITY TO USE OPERATION AND MAINTENANCE
8 FUNDS FOR CONSTRUCTION PROJECTS OUT-
9 SIDE THE UNITED STATES.

(a) EXTENSION OF AUTHORITY.—Subsection (h) of section 2808 of the Military Construction Authorization Act for Fiscal Year 2004 (division B of Public Law 108–136; 117 Stat. 1723), as most recently amended by section 2804 of the Military Construction Authorization Act for Fiscal Year 2018 (division B of Public Law 115–91; 131 Stat. 1846), is amended—

(1) in paragraph (1), by striking “December 31, 2018” and inserting “December 31, 2019”; and

19 (2) in paragraph (2), by striking “fiscal year
20 2019” and inserting “fiscal year 2020”.

21 (b) LIMITATION ON USE OF AUTHORITY.—Sub-
22 section (c)(1) of such section is amended—

23 (1) by striking “October 1, 2017” and inserting
24 “October 1, 2018”;

1 (2) by striking “December 31, 2018” and in-
2 serting “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
15 (2), the contract shall be awarded in accordance with the
16 set aside provisions of the Small Business Act (15 U.S.C.
17 631 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
2 this section shall apply with respect to fiscal year 2019
3 and each 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 amend-
11 ed—

12 (1) by redesignating subsection (f) as sub-
13 section (g); and

14 (2) by inserting after subsection (e) the fol-
15 lowing new subsection:

16 “(f) ADDITIONAL AUTHORITY TO USE FUNDS FOR
17 RELATED ARCHITECTURAL AND ENGINEERING SERVICES
18 AND CONTRACT DESIGN.—

19 “(1) AUTHORITY.—In addition to the authority
20 provided to the Secretary of Defense under sub-
21 section (a) to use amounts appropriated or otherwise
22 made available for research, development, test, and
23 evaluation for a military construction project re-
24 ferred to in such subsection, the Secretary of the
25 military department concerned may use amounts ap-

1 appropriated or otherwise made available for research,
2 development, test, and evaluation to obtain architec-
3 tural and engineering services and to carry out con-
4 struction design in connection with such a project.

5 “(2) NOTICE REQUIREMENT.—In the case of
6 architectural and engineering services and construc-
7 tion design to be undertaken under this subsection
8 for which the estimated cost exceeds \$1,000,000, the
9 Secretary concerned shall notify the appropriate
10 committees of Congress of the scope of the proposed
11 project and the estimated cost of such services be-
12 fore the initial obligation of funds for such services.
13 The Secretary may then obligate funds for such
14 services only after the end of the 14-day period be-
15 ginning on the date on which the notification is re-
16 ceived by the committees in an electronic medium
17 pursuant to section 480 of this title.”.

18 (b) CONFORMING AMENDMENTS TO WAIVE CONDI-
19 TIONS APPLICABLE TO EXISTING AUTHORITY.—

20 (1) CONDITION ON AND SCOPE OF PROJECT AU-
21 THORITY.—Section 2803(b) of such Act is amended
22 by striking “project under this section” and insert-
23 ing “project under subsection (a)”.

24 (2) CONGRESSIONAL NOTIFICATION.—Section
25 2803(c) of such Act is amended by striking “carried

1 out under this section” each place it appears in
2 paragraphs (1) and (2) and inserting “carried out
3 under subsection (a)”.

4 (3) DESCRIPTION OF AUTHORIZED
5 PROJECTS.—Section 2803(d) of such Act is amended
6 by striking “provided by this section” and inserting
7 “provided by subsection (a)”.

8 (4) FUNDING LIMITATION.—Section 2803(e) of
9 such Act is amended by striking “projects under this
10 section” and inserting “projects under subsection
11 (a)”.

12 (c) EXTENSION OF PERIOD OF AUTHORITY.—Section
13 2803(g) of such Act, as redesignated by subsection (a)(1),
14 is amended by striking “October 1, 2020” and inserting
15 “October 1, 2023”.

16 (d) EFFECTIVE DATE.—The amendments made by
17 this section shall take effect as if included in the enact-
18 ment of section 2803 of the National Defense Authoriza-
19 tion Act for Fiscal Year 2016 (Public Law 114–92; 129
20 Stat. 1169; 10 U.S.C. 2358 note).

21 **SEC. 2805. REPEAL OF LIMITATION ON CERTAIN GUAM**
22 **PROJECT.**

23 (a) REPEAL OF LIMITATION.—Section 2879 of the
24 National Defense Authorization Act for Fiscal Year 2018

1 (Public Law 115–91; 131 Stat. 1874) is amended by strik-
2 ing subsection (b).

3 (b) EFFECTIVE DATE.—The amendment made by
4 subsection (a) shall take effect as if included in the enact-
5 ment of the National Defense Authorization Act for Fiscal
6 Year 2018.

7 **SEC. 2806. ENHANCING FORCE PROTECTION AND SAFETY**
8 **ON MILITARY INSTALLATIONS.**

9 (a) AUTHORIZATION OF ADDITIONAL PROJECTS.—In
10 addition to any other military construction projects au-
11 thorized under this Act, the Secretary of the military de-
12 partment concerned may carry out military construction
13 projects to enhance force protection and safety on military
14 installations, as specified in the funding table in section
15 4601.

16 (b) NOTICE AND WAIT REQUIREMENTS.—The Sec-
17 retary concerned may obligate or expend funds to carry
18 out a project under this section only after the end of the
19 14-day period beginning on the date on which the Sec-
20 retary submits, in an electronic medium pursuant to sec-
21 tion 480 of title 10, United States Code, to the congres-
22 sional defense committees a justification of the need for
23 the project.

24 (c) EXPIRATION OF AUTHORIZATION.—Section 2002
25 shall apply with respect to the authorization of a military

1 construction project under this section in the same man-
2 ner as such section applies to the authorization of a
3 project contained in titles XXI through XXVII.

4 **SEC. 2807. LIMITATION ON USE OF FUNDS FOR ACQUISI-**
5 **TION OF FURNISHED ENERGY FOR NEW MED-**
6 **ICAL CENTER IN GERMANY.**

7 (a) LIMITATION.—No amounts authorized to be ap-
8 propriated or made available to the Secretary of Defense
9 or the Secretary of any military department may be used
10 to enter into a contract for the acquisition of furnished
11 energy for the new Rhine Ordnance Barracks Army Med-
12 ical Center (hereafter in this section referred to as the
13 “Medical Center”) until the Secretary of Defense submits
14 to the congressional defense committees a written certifi-
15 cation that—

16 (1) the source of furnished energy for the Med-
17 ical Center will minimize the use of fuels sourced
18 from inside the Russian Federation;

19 (2) the design of the Medical Center will utilize
20 a diversified energy supply from a mixed-fuel system
21 as the source of furnished energy to sustain mission
22 critical operations during any sustained energy sup-
23 ply disruption caused by the Russian Federation;
24 and

1 (3) to the extent available, domestically-sourced
2 fuels shall be the preferred source for furnished en-
3 ergy for the Medical Center.

4 (b) WAIVER FOR NATIONAL SECURITY INTERESTS.—
5 Subsection (a) shall not apply if the Secretary of Defense
6 certifies to the congressional defense committees that a
7 waiver of such subsection is necessary to protect the na-
8 tional security interests of the United States.

9 (c) DEFINITION.—In this section, the term “fur-
10 nished energy” means energy furnished to the Medical
11 Center in any form and for any purpose, including heat-
12 ing, cooling, and electricity.

13 (d) EFFECTIVE DATE.—This section shall take effect
14 on the date of the enactment of this Act.

15 **SEC. 2808. TREATMENT OF LEASES OF NON-EXCESS PROP-**
16 **ERTY ENTERED INTO WITH INSURED DEPOSI-**
17 **TORY INSTITUTIONS.**

18 Section 2667 of title 10, United States Code, is
19 amended —

20 (1) in subsection (b)(4), by striking “amount
21 that” and inserting “amount that, except as pro-
22 vided in subsection (c)(4),”; and

23 (2) in subsection (c), by adding at the end the
24 following new paragraph:

1 “(4)(A) With respect to a lease under this section en-
2 tered into with an insured depository institution (as de-
3 fined under section 3 of the Federal Deposit Insurance
4 Act (12 U.S.C. 1813)) after the date of the enactment
5 of the National Defense Authorization Act for Fiscal Year
6 2019, the Secretary concerned shall accept the financial
7 services provided by the insured depository institution to
8 members of the armed forces, civilian employees of the De-
9 partment of Defense, and dependents of such members or
10 employees as sufficient in-kind consideration to cover all
11 lease, services, and utilities costs assessed with regard to
12 the leased property.

13 “(B) With respect to a lease under this section which
14 was entered into with an insured depository institution be-
15 fore the date of the enactment of the National Defense
16 Authorization Act for Fiscal Year 2019, the Secretary
17 concerned may renegotiate the terms of such lease to apply
18 subparagraph (A) to such lease as if such subparagraph
19 were in effect at the time the Secretary entered into the
20 lease.”.

1 **Subtitle B—Real Property and**
2 **Facilities Administration**

3 **SEC. 2811. OPTIONAL PARTICIPATION IN COLLECTION OF**
4 **INFORMATION ON UNUTILIZED AND UNDER-**
5 **UTILIZED MILITARY INSTALLATION PROP-**
6 **ERTIES AVAILABLE FOR HOMELESS ASSIST-**
7 **ANCE.**

8 (a) MAKING PARTICIPATION BY AGENCIES OF DE-
9 PARTMENT OF DEFENSE OPTIONAL.—Section 501(a) of
10 the McKinney-Vento Homeless Assistance Act (42 U.S.C.
11 11411(a)) is amended—

12 (1) by striking “The Secretary of Housing” and
13 inserting “(1) The Secretary of Housing”; and
14 (2) by adding at the end the following new
15 paragraphs:

16 “(2) The transmittal of information by the head of
17 a landholding agency of the Department of Defense under
18 this subsection shall be optional in the case of an excess
19 or surplus building, facility, or property if the Secretary
20 of Defense determines that the building, facility, or prop-
21 erty—

22 “(A) would be for off-site use only; or

23 “(B) is located on an active military installation
24 and is not subject to subsection (h).

“(3) If the Secretary of Defense makes a determination under paragraph (2) during a fiscal year, not later than 90 days after the end of that fiscal year, the Secretary of Defense shall submit a report to the Committees on Armed Services, Banking, Housing, and Urban Affairs, and Homeland Security and Governmental Affairs of the Senate and the Committees on Armed Services, Financial Services, and Oversight and Government Reform of the House of Representatives listing all of the buildings, facilities, and properties for which the Secretary of Defense made a determination under paragraph (2) during that fiscal year. The Secretary of Defense shall submit the report in unclassified form, but may include a classified annex as necessary.”.

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall apply with respect to fiscal year 2019 and each succeeding fiscal year.

18 SEC. 2812. FORCE STRUCTURE PLANS AND INFRASTRUC-
19 TURE CAPABILITIES NECESSARY TO SUP-
20 PORT THE FORCE STRUCTURE.

(a) FORCE STRUCTURE PLANS AND INFRASTRUCTURE CAPABILITIES.—Not later than the date on which the budget of the President for fiscal year 2021 is submitted to Congress pursuant to section 1105 of title 31, United States Code, the Secretary of Defense shall develop

1 and submit to the congressional defense committees the
2 following:

3 (1) A force structure plan for each of the Army,
4 Navy, Air Force, and Marine Corps and the reserve
5 components of each military department that is in-
6 formed by—

7 (A) an assessment by the Secretary of De-
8 fense of the probable threats to the national se-
9 curity of the United States; and

10 (B) end-strength levels and major military
11 force units (including land force divisions, car-
12 rier and other major combatant vessels, air
13 wings, and other comparable units) authorized
14 in the National Defense Authorization Act for
15 Fiscal Year 2018 (Public Law 115–91).

16 (2) A categorical model of installation capabili-
17 ties required to carry out the force structures plans
18 described in paragraph (1) based on—

19 (A) the infrastructure, real property, and
20 facilities capabilities required to carry out such
21 plans; and

22 (B) the current military requirements of
23 the major military units referred to in subpara-
24 graph (B) of such paragraph.

1 (b) CONSISTENCY.—In developing force structure
2 plans and categorical models of installation capabilities
3 under subsection (a), the Secretary of Defense shall en-
4 sure that the infrastructure, real property, and facilities
5 of each of the military departments are categorized and
6 measured in consistent terms so as to facilitate compari-
7 sons.

8 (c) RELATIONSHIP TO INVENTORY.—Using the infor-
9 mation in the force structure plans and categorical model
10 developed under subsection (a), the Secretary of Defense
11 shall submit to Congress each of the following:

12 (1) An assessment of the requirements nec-
13 essary for carrying out the force structure plans
14 compared to existing infrastructure, real property,
15 and facilities capabilities, as documented in the
16 records maintained under section 2721 of title 10,
17 United States Code.

18 (2) An identification of any deficit or surplus
19 capability in such infrastructure, real property, and
20 facilities—

21 (A) for each military department; and

22 (B) for locations within the continental
23 United States and territories.

1 **SEC. 2813. RETROFITTING EXISTING WINDOWS IN MILITARY**
2 **FAMILY HOUSING UNITS TO BE EQUIPPED**
3 **WITH FALL PREVENTION DEVICES.**

4 (a) AUTHORIZING FUNDING FOR RETROFITTING OR
5 REPLACING WINDOWS.—Section 2879 of title 10, United
6 States Code, as added by section 2817(a) of the National
7 Defense Authorization Act for Fiscal Year 2018 (131
8 Stat. 1851) is amended—

9 (1) in subsection (a)(1), by striking “subsection
10 (b)” and inserting “subsection (c)”;

11 (2) by redesignating subsections (b) and (c) as
12 subsections (c) and (d); and

13 (3) by inserting after subsection (a) the fol-
14 lowing new subsection:

15 “(b) RETROFITTING OR REPLACING EXISTING WIN-
16 DOWS.—

17 “(1) PROGRAM TO RETROFIT EXISTING WIN-
18 DOWS.—The Secretary concerned shall carry out a
19 program under which, in military family housing
20 units acquired or constructed under this chapter
21 which are not subject to the requirements of sub-
22 section (a), windows which are described in sub-
23 section (c), including windows designed for emer-
24 gency escape or rescue, are retrofitted to be
25 equipped with fall prevention devices described in
26 paragraph (1) of subsection (a) or are replaced with

1 windows which are equipped with fall prevention de-
2 vices described in such paragraph.

3 “(2) GRANTS.—The Secretary concerned may
4 carry out the program under this subsection by mak-
5 ing grants to private entities to retrofit or replace
6 existing windows, in accordance with such criteria as
7 the Secretary may establish by regulation.

8 “(3) USE OF OPERATIONS FUNDING.—The Sec-
9 retary may carry out the program under this sub-
10 section during a fiscal year with amounts made
11 available to the Secretary for family housing oper-
12 ations for such fiscal year.”.

13 (b) EFFECTIVE DATE.—The amendments made by
14 this section shall apply with respect to fiscal year 2019
15 and each succeeding fiscal year.

16 **SEC. 2814. UPDATING PROHIBITION ON USE OF CERTAIN**
17 **ASSESSMENT OF PUBLIC SCHOOLS ON DE-**
18 **PARTMENT OF DEFENSE INSTALLATIONS TO**
19 **SUPERSEDE FUNDING OF CERTAIN**
20 **PROJECTS.**

21 (a) UPDATE.—Paragraph (3) of section 2814(a) of
22 the National Defense Authorization Act for Fiscal Year
23 2017 (Public Law 114–328; 130 Stat. 2717), as added
24 by section 2818(a) of the National Defense Authorization
25 Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.

1 1852), is amended by striking “33 projects” and inserting
2 “38 projects”.

3 (b) EFFECTIVE DATE.—The amendment made by
4 subsection (a) shall take effect as if included in the enact-
5 ment of the National Defense Authorization Act for Fiscal
6 Year 2018.

7 **Subtitle C—Land Conveyances**

8 **SEC. 2821. AUTHORITY FOR TRANSFER OF ADMINISTRA-** 9 **TIVE JURISDICTION OVER CERTAIN LANDS,** 10 **MARINE CORPS AIR GROUND COMBAT CEN-** 11 **TER TWENTYNINE PALMS, CALIFORNIA, AND** 12 **MARINE CORPS AIR STATION YUMA, ARI-** 13 **ZONA.**

14 (a) MARINE CORPS AIR GROUND COMBAT CENTER
15 TWENTYNINE PALMS, CALIFORNIA.—

16 (1) AUTHORITY FOR TRANSFER.—Subject to
17 paragraph (2), the Secretary of the Navy may trans-
18 fer to the Secretary of the Interior, at no cost, ad-
19 ministrative jurisdiction of approximately 2,105
20 acres of non-contiguous parcels of land within the
21 Shared Use Area of the Marine Corps Air Ground
22 Combat Center Twentynine Palms, California.

23 (2) CONDITION FOR TRANSFER.—The Secretary
24 of the Navy may carry out the transfer under this
25 subsection only if the Secretary of the Navy and the

1 Secretary of the Interior each determine that the
2 transfer is in the public interest and will be for the
3 benefit of the Department of the Navy and the De-
4 partment of the Interior, respectively.

5 (3) STATUS OF LAND AFTER TRANSFER.—Upon
6 completion of the transfer under this subsection, the
7 land over which the Secretary of the Interior obtains
8 administrative jurisdiction shall become public land
9 withdrawn and reserved under section 2941 of the
10 National Defense Authorization Act for Fiscal Year
11 2014 (Public Law 113–66; 127 Stat. 1034), and
12 shall be managed in accordance with section
13 2942(b)(1) of such Act (Public Law 113–66; 127
14 Stat. 1036), in the same manner as other lands in
15 the Shared Use Area.

16 (4) SHARED USE AREA DEFINED.—In this sub-
17 section, the term “Shared Use Area” means the
18 area described in section 2941(b)(2) of the National
19 Defense Authorization Act for Fiscal Year 2014
20 (Public Law 113–66; 127 Stat. 1035).

21 (b) MARINE CORPS AIR STATION YUMA, ARIZONA.—

22 (1) AUTHORITY FOR TRANSFER.—Subject to
23 paragraph (2), the Secretary of the Interior may
24 transfer to the Secretary of the Navy, at no cost, ad-
25 ministrative jurisdiction of approximately 256 acres

1 of non-contiguous parcels of land within Marine
2 Corps Air Station Yuma, Arizona which are used by
3 the Department of the Navy as of the day before the
4 date of the enactment of this Act pursuant to any
5 of the following authorities:

6 (A) Public Land Order Number 2766 of
7 August 28, 1962.

8 (B) Expired Public Land Order Number
9 6804 of October 16, 1990.

10 (C) Memorandum of Understanding Num-
11 ber 14-06-300-1266 of July 5, 1962, between
12 the Department of the Interior and the Depart-
13 ment of the Navy.

14 (2) CONDITION FOR TRANSFER.—The Secretary
15 of the Interior may carry out the transfer under this
16 subsection only if the Secretary of the Interior and
17 the Secretary of the Navy each determine that the
18 transfer is in the public interest and will be for the
19 benefit of the Department of the Interior and the
20 Department of the Navy, respectively.

21 (3) WITHDRAWAL OF LAND AFTER TRANS-
22 FER.—Upon completion of the transfer under this
23 subsection, the land over which the Secretary of the
24 Navy obtains administrative jurisdiction—

25 (A) shall cease to be public land; and

1 (B) for as long as the land is under the
2 administrative jurisdiction of the Secretary of
3 the Navy or the Secretary of any other military
4 department, shall be withdrawn from all forms
5 of entry, appropriation, or disposal under the
6 public land laws, from location, entry, and pat-
7 ent under the mining laws, and from disposition
8 under all laws relating to mineral interests and
9 to mineral and geothermal leasing.

10 **SEC. 2822. PUBLIC INVENTORY OF GUAM LAND PARCELS**
11 **FOR TRANSFER TO GOVERNMENT OF GUAM.**

12 (a) NET-NEGATIVE INVENTORY OF LAND PAR-
13 CELS.—

14 (1) MAINTENANCE AND UPDATE OF INVEN-
15 TORY.—The Secretary of the Navy shall maintain
16 and update regularly an inventory of all land parcels
17 located on Guam which meet each of the following
18 conditions:

19 (A) The parcels are currently owned by the
20 United States Government and are under the
21 administrative jurisdiction of the Department of
22 the Navy.

23 (B) The Secretary has determined or ex-
24 pects to determine the parcels to be excess to
25 the needs of the Department of the Navy.

1 (C) Under Federal law, including Public
2 Law 106–504 (commonly known as the “Guam
3 Omnibus Opportunities Act”; 40 U.S.C. 521
4 note), the parcels are eligible to be transferred
5 to the territorial government.

6 (2) INFORMATION REQUIRED.—For each parcel
7 included in the inventory under paragraph (1), the
8 Secretary shall specify—

9 (A) the approximate size of the parcel;

10 (B) an estimate of the fair market value of
11 the parcel, if available or as practicable;

12 (C) the date on which the Secretary deter-
13 mined, or the date by which the Secretary ex-
14 pects to determine, that the parcel is excess and
15 made eligible for transfer to the territorial gov-
16 ernment; and

17 (D) the citation of the specific legal au-
18 thority (including the Guam Omnibus Opportu-
19 nities Act) under which the Secretary will
20 transfer the parcel to the territorial government
21 or otherwise dispose of the parcel.

22 (b) PARCELS REQUIRED TO BE INCLUDED.—The
23 Secretary shall include in the inventory under this section
24 each of the following parcels, as described in the 2017 Net
25 Negative Report:

1 (1) The Tanguisson Power Plant (5 acres), list-
2 ed as Site 14 in the Report.

3 (2) The Harmon Substation Annex (9.9 acres),
4 listed as Site 15 in the Report.

5 (3) The Piti Power Plant and Substation (15.5
6 acres), listed as Site 38 in the Report.

7 (4) Apra Heights Lot 403–1 (0.5 acres), listed
8 as Site 55 in the Report.

9 (5) The Agana Power Plant and Substation
10 (5.9 acres), listed as Site 54 in the Report.

11 (6) The ACEORP Maui Tunnel-Tamuning
12 Route 1 behind Old Telex (3.7 acres), listed as Site
13 23 in the Report.

14 (7) The Parcel South of Camp Covington, Par-
15 cel 7 (60.8 acres), listed as Site 49 in the Report.

16 (8) The NCTS Beach Lot, adjacent to the
17 Tanguisson Power Plant (13.3 acres), listed as Site
18 13 in the Report.

19 (9) The Hoover Park Annex (also known as
20 “Old USO Beach”; 6 acres), listed as Site 37 in the
21 Report.

22 (10) Parcel “C” Marbo Cave Annex (5 acres),
23 listed as Site 12 in the Report.

24 (c) INCLUSION OF ADDITIONAL PARCELS IN INVEN-
25 TORY.—

1 (1) REQUEST BY GOVERNOR.—The Governor of
2 the territory of Guam may submit a request to the
3 Secretary to add parcels to the inventory maintained
4 under subsection (a), and shall specify in any such
5 request any public benefit uses or public purposes
6 proposed by the Governor for the parcel involved,
7 pursuant to the Guam Omnibus Opportunities Act
8 or any other relevant Federal law.

9 (2) CONSIDERATION BY SECRETARY.—Not later
10 than 180 days of receipt of a request from the Gov-
11 ernor under paragraph (1), the Secretary shall re-
12 view the request and provide a response in writing
13 to the Governor as to whether the Secretary will
14 agree to the request to include the specific land par-
15 cel in the inventory maintained under subsection (a).
16 If the Secretary denies the request, the Secretary
17 shall provide a detailed written justification to the
18 Governor that explains the continuing military need
19 for the parcel, if any, and the date on which the Sec-
20 retary expects that military need to cease, if ever.

21 (d) EXCLUSION OF PARCELS.—The Secretary shall
22 not include in the inventory maintained under this section
23 any parcel transferred to the government of Guam prior
24 to the date of the enactment of this Act, without regard

1 to whether or not the parcel is included in the inventory
2 under subsection (b).

3 (e) PUBLIC NOTIFICATION.—The Secretary shall
4 publish and update on a public website of the United
5 States Government the following information:

6 (1) The inventory maintained under subsection
7 (a), including the parcels required to be included in
8 such inventory under subsection (b).

9 (2) All requests submitted by the Governor
10 under subsection (c), including any proposed public
11 benefit use or public purpose specified in any such
12 request.

13 (3) A copy of each response provided by the
14 Secretary to each request submitted by the Governor
15 under subsection (c).

16 (4) A description of each parcel of land trans-
17 ferred by the Secretary to the territorial government
18 after January 20, 2011, including the following:

19 (A) The approximate size of the parcel.

20 (B) An estimate of the fair market value
21 of the parcel, if available or as practicable.

22 (C) The specific legal authority under
23 which the Secretary transferred the parcel to
24 the territorial government.

1 (D) The date the parcel was transferred to
2 the territorial government.

3 (f) DEFINITIONS.—In this section, the following defi-
4 nitions apply:

5 (1) 2017 NET NEGATIVE REPORT.—The term
6 “2017 Net Negative Report” means the report sub-
7 mitted by the Secretary of the Navy, on behalf of
8 the Secretary of Defense, under section 2208 of the
9 National Defense Authorization Act for Fiscal Year
10 2017 (Public Law 114–328; 130 Stat. 2695) regard-
11 ing the status of the implementation of the “net
12 negative” policy regarding the total number of acres
13 of the real property controlled by the Department of
14 the Navy or the Department of Defense on Guam.

15 (2) GOVERNOR.—The term “Governor” means
16 the Governor of the territory of Guam.

17 (3) SECRETARY.—The term “Secretary” means
18 the Secretary of the Navy.

19 (4) TERRITORIAL GOVERNMENT.—The term
20 “territorial government” means the government of
21 Guam established under the Organic Act of Guam
22 (48 U.S.C. 1421 et seq.).

1 **SEC. 2823. LAND CONVEYANCE, NAVAL ACADEMY DAIRY**
2 **FARM, GAMBRILLS, MARYLAND.**

3 (a) CONVEYANCE AUTHORIZED.—Notwithstanding
4 section 6976 of title 10, United States Code, the Secretary
5 of the Navy may convey and release to Anne Arundel
6 County, Maryland (in this section referred to as the
7 “County”) all right, title, and interest of the United States
8 in and to the real property, including any improvements
9 thereon, consisting of approximately 40 acres at the prop-
10 erty commonly referred to as the Naval Academy dairy
11 farm located in Gambrills, Maryland (in this section re-
12 ferred to as the “Dairy Farm”).

13 (b) CONSIDERATION.—

14 (1) CONSIDERATION REQUIRED.—As consider-
15 ation for the conveyance and release under sub-
16 section (a), the County shall provide an amount that
17 is equivalent to the fair market value to the Depart-
18 ment of the Navy of the right, title, and interest
19 conveyed and released under such subsection, based
20 on an appraisal approved by the Secretary of the
21 Navy. The consideration under this paragraph may
22 be provided by cash payment, in-kind consideration,
23 or a combination thereof, at such time as the Sec-
24 retary may require.

25 (2) IN-KIND CONSIDERATION.—In-kind consid-
26 eration provided by the County under paragraph (1)

1 may include the acquisition, construction, provision,
2 improvement, maintenance, repair, or restoration
3 (including environmental restoration), or combina-
4 tion thereof, of any facility, real property, or infra-
5 structure under the jurisdiction of the Secretary.

6 (3) TREATMENT OF CONSIDERATION RE-
7 CEIVED.—Consideration in the form of cash pay-
8 ment received by the Secretary under paragraph (1)
9 shall be retained by the Superintendent of the Naval
10 Academy and shall be available to cover expenses re-
11 lated to the Dairy Farm, including reimbursing non-
12 appropriated fund instrumentalities of the Naval
13 Academy.

14 (c) PAYMENT OF COST OF CONVEYANCE AND RE-
15 LEASE.—

16 (1) PAYMENT REQUIRED.—The Secretary of
17 the Navy shall require the County to pay costs to be
18 incurred by the Secretary, or to reimburse the Sec-
19 retary for such costs incurred by the Secretary, to
20 carry out the conveyance and release under sub-
21 section (a), including survey costs, appraisal costs,
22 costs for environmental documentation related to the
23 conveyance and release, and any other administra-
24 tive costs related to the conveyance and release. If
25 amounts are collected from the County in advance of

1 the Secretary incurring the actual costs, and the
2 amount collected exceeds the costs actually incurred
3 by the Secretary to carry out the conveyance and re-
4 lease or any costs incurred by the Secretary to ad-
5 minister the County's lease of the Dairy Farm, the
6 Secretary shall refund the excess amount to the
7 County.

8 (2) TREATMENT OF AMOUNTS RECEIVED.—

9 Amounts received as reimbursement under para-
10 graph (1) shall be credited to the fund or account
11 that was used to pay the costs incurred by the Sec-
12 retary in carrying out the conveyance and release
13 under subsection (a) or, if the period of availability
14 of obligations for that appropriation has expired, to
15 the appropriations of fund that is currently available
16 to the Secretary for the same purpose. Amounts so
17 credited shall be merged with amounts in such fund
18 or account and shall be available for the same pur-
19 poses, and subject to the same conditions and limita-
20 tions, as amounts in such fund or account.

21 (d) DESCRIPTION OF PROPERTY.—The exact acreage
22 and legal description of the property which is subject to
23 conveyance and release under subsection (a) shall be de-
24 termined by a survey satisfactory to the Secretary of the
25 Navy.

1 (e) ADDITIONAL TERMS AND CONDITIONS.—The
2 Secretary of the Navy may require such additional terms
3 and conditions in connection with the conveyance and re-
4 lease under subsection (a) as the Secretary considers ap-
5 propriate to protect the interests of the United States.

6 (f) NO EFFECT ON EXISTING LEASES GOVERNING
7 PROPERTY NOT SUBJECT TO CONVEYANCE.—Nothing in
8 this section or in any conveyance and release carried out
9 pursuant to this section may be construed to affect the
10 terms, conditions, or applicability of any existing agree-
11 ment entered into between the Country and the Secretary
12 of the Navy which governs the use of any portion of the
13 Dairy Farm which is not subject to conveyance and release
14 under this section.

15 **SEC. 2824. TECHNICAL CORRECTION OF DESCRIPTION OF**
16 **LIMESTONE HILLS TRAINING AREA LAND**
17 **WITHDRAWAL AND RESERVATION, MONTANA.**

18 Section 2931(b) of the Military Construction Author-
19 ization Act for Fiscal Year 2014 (division B of Public Law
20 113–66; 127 Stat. 1031) is amended by striking “18,644
21 acres” and all that follows through “April 10, 2013” and
22 inserting the following: “18,964 acres in Broadwater
23 County, Montana, generally depicted as ‘Limestone Hills
24 Training Area Land Withdrawal’ on the map entitled

1 ‘Limestone Hills Training Area Land Withdrawal’, dated
2 May 11, 2017”.

3 **SEC. 2825. LAND CONVEYANCE, WASATCH-CACHE NA-**
4 **TIONAL FOREST, RICH COUNTY, UTAH.**

5 (a) LAND CONVEYANCE AUTHORIZED.—Subject to
6 valid existing rights, not later than 6 months after the
7 date of the enactment of this section, the Secretary of Ag-
8 riculture shall convey, without consideration, to the Utah
9 State University Research Foundation, (in this section re-
10 ferred to as the “Foundation”) all right, title, and interest
11 of the United States in and to a parcel of real property
12 consisting of approximately 80 acres, including improve-
13 ments thereon, located outside of the boundaries of the
14 Wasatch-Cache National Forest, Rich County, Utah, with-
15 in Sections 19 and 30, Township 14 North, Range 5 East,
16 Salt Lake Base and Meridian for the purpose of permit-
17 ting the Foundation to use the property for scientific and
18 educational purposes.

19 (b) REVERSIONARY INTEREST.—If the Secretary of
20 Agriculture determines at any time that the real property
21 conveyed under subsection (a) is not being used in accord-
22 ance with the purpose of the conveyance specified in such
23 subsection, all right, title and interest in and to such real
24 property, including any improvements thereto, shall, at the
25 option of the Secretary, revert to and become the property

1 of the United States, and the United States shall have
2 the right of immediate entry onto such real property. A
3 determination by the Secretary under this subsection shall
4 be made on the record after an opportunity for a hearing.

5 (c) PAYMENT OF COSTS OF CONVEYANCE.—

6 (1) PAYMENT REQUIRED.—The Secretary of
7 Agriculture shall require the Foundation to cover the
8 costs (except any costs for environmental remedi-
9 ation of the property) to be incurred by the Sec-
10 retary, or to reimburse the Secretary for such costs
11 incurred by the Secretary, to carry out the convey-
12 ance under subsection (a), including survey costs,
13 costs for environmental documentation, and any
14 other administrative costs related to the conveyance.
15 If amounts are collected from the Foundation in ad-
16 vance of the Secretary incurring the actual costs,
17 and the amount collected exceeds the costs actually
18 incurred by the Secretary to carry out the convey-
19 ance, the Secretary shall refund the excess amount
20 to the Foundation.

21 (2) TREATMENT OF AMOUNTS RECEIVED.—

22 Amounts received as reimbursement under para-
23 graph (1) shall be credited to the fund or account
24 that was used to cover those costs incurred by the
25 Secretary in carrying out the conveyance. Amounts

1 so credited shall be merged with amounts in such
2 fund or account, and shall be available for the same
3 purposes, and subject to the same conditions and
4 limitations, as amounts in such fund or account.

5 (d) DESCRIPTION OF PROPERTY.—The exact acreage
6 and legal description of the property to be conveyed under
7 subsection (a) shall be determined by a survey satisfactory
8 to the Secretary of Agriculture.

9 (e) ADDITIONAL TERMS AND CONDITIONS.—The
10 Secretary of Agriculture may require such additional
11 terms and conditions in connection with the conveyance
12 under subsection (a) as the Secretary considers appro-
13 priate to protect the interests of the United States.

14 **Subtitle D—Military Land** 15 **Withdrawals**

16 **SEC. 2831. INDEFINITE DURATION OF CERTAIN MILITARY**
17 **LAND WITHDRAWALS AND RESERVATIONS**
18 **AND IMPROVED MANAGEMENT OF WITH-**
19 **DRAWN AND RESERVED LANDS.**

20 (a) IMPROVING MANAGEMENT OF CURRENT STATU-
21 TORY LAND WITHDRAWALS AND RESERVATIONS AND
22 MAKING MANAGEMENT MORE TRANSPARENT.—

23 (1) ROLE OF SECRETARY OF THE INTERIOR.—
24 Section 101(a)(2) of the Sikes Act (16 U.S.C.
25 670a(a)(2)) is amended by striking “, acting

1 through the Director of the United States Fish and
2 Wildlife Service,”.

3 (2) ADDITIONAL ELEMENT OF INTEGRATED
4 NATURAL RESOURCES MANAGEMENT PLAN.—Section
5 101(b) of the Sikes Act (16 U.S.C. 670a(b)) is
6 amended—

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
12 following new paragraph:

13 “(3) for purposes of paragraph (2), shall be re-
14 viewed—

15 “(A) jointly by the Secretary of the mili-
16 tary department and the Secretary of the Inte-
17 rior; 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

1 Air Facility Ranges Withdrawal Act (subtitle B of
2 title XXIX of Public Law 104–201; 110 Stat. 2813)
3 is amended—

4 (A) in section 2921(b)(3), by striking “,
5 before the termination date specified in section
6 2925,”;

7 (B) in section 2924(a), by striking the
8 third sentence;

9 (C) by striking sections 2925 and 2927;
10 and

11 (D) in section 2928(a), by striking “speci-
12 fied in section 2925”.

13 (2) DETERMINATION OF CONTINUING MILITARY
14 NEED FOR WITHDRAWAL AND RESERVATION AND
15 PUBLIC REPORTS.—The El Centro Naval Air Facil-
16 ity Ranges Withdrawal Act (subtitle B of title XXIX
17 of Public Law 104–201; 110 Stat. 2813) is further
18 amended by inserting after section 2926 the fol-
19 lowing new section:

20 **“SEC. 2927. DETERMINATION OF CONTINUING MILITARY**
21 **NEED FOR WITHDRAWAL AND RESERVATION**
22 **AND PUBLIC REPORTS.**

23 **“(a) PUBLIC REPORTS.—**

24 **“(1) CHANGES IN LAND CONDITIONS.—(A)**
25 **Concurrent with each review as to operation and ef-**

1 fect of an integrated natural resources management
2 plan covering lands withdrawn and reserved under
3 this title, as required by section 101(b)(2) of the
4 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
5 the Navy and the Secretary of the Interior shall
6 jointly prepare and issue a report describing any
7 changes in the condition of the lands withdrawn and
8 reserved under this subtitle since the later of the
9 date of any previous report under this paragraph or
10 the date of the environmental analysis prepared to
11 support the actions that changed the condition of
12 the lands.

13 “(B) A report under subparagraph (A) shall in-
14 clude a summary of current military use of the lands
15 withdrawn and reserved under this subtitle, any
16 changes in military use of the lands since the pre-
17 vious report, and efforts related to the management
18 of natural and cultural resources and environmental
19 remediation of the lands during the previous five
20 years.

21 “(2) COMBINATION WITH OTHER REPORTS.—A
22 report under this subsection may be combined with,
23 or incorporate by reference, any contemporary report
24 required by any other provision of law regarding the
25 lands withdrawn and reserved under this subtitle.

1 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
2 fore the finalization of a report under this sub-
3 section, the Secretary of the Navy and the Secretary
4 of the Interior shall invite interested members of the
5 public to review and comment on the report, and
6 shall hold at least one public meeting concerning the
7 report in a location or locations reasonably accessible
8 to persons who may be affected by management of
9 the lands withdrawn and reserved under this sub-
10 title.

11 “(B) Each public meeting under subparagraph
12 (A) shall be announced not less than 15 days before
13 the date of the meeting by advertisements in local
14 newspapers of general circulation, notices on the
15 internet, including the website of El Centro, and any
16 other means considered necessary or desirable by the
17 Secretaries.

18 “(4) DISTRIBUTION OF REPORT.—The Sec-
19 retary of the Navy shall make the final version of a
20 report under this subsection available to the public
21 and shall submit the final version of such a report
22 to the Committees on Armed Services and Energy
23 and Natural Resources of the Senate and the Com-
24 mittees on Armed Services and Natural Resources of
25 the House of Representatives.

1 “(b) DETERMINATION OF CONTINUING MILITARY
2 NEED.—With each report prepared pursuant to sub-
3 section (a), the Secretary of the Navy shall attach the Sec-
4 retary’s determination regarding whether there will be a
5 continuing military need for any or all the withdrawn and
6 reserved lands for the following 5 years.”.

7 (3) CLERICAL AMENDMENTS.—The table of
8 contents of the El Centro Naval Air Facility Ranges
9 Withdrawal Act (subtitle B of title XXIX of Public
10 Law 104-201; 110 Stat. 2813) is amended—

11 (A) by striking the item relating to section
12 2925; and

13 (B) by amending the item relating to sec-
14 tion 2927 to read as follows:

“Sec. 2927. Determination of continuing military need for withdrawal and res-
ervation and public reports.”.

15 (c) JUNIPER BUTTE RANGE.—

16 (1) ELIMINATION OF TERMINATION DATE AND
17 CONFORMING AMENDMENTS.—The Juniper Butte
18 Range Withdrawal Act (title XXIX of Public Law
19 105–261; 112 Stat. 2226) is amended—

20 (A) in section 2915—

21 (i) in the section heading, by striking
22 “**Duration**” and inserting “**Relin-**
23 **quishment**”;

1 (ii) in subsection (a), by striking
2 “TERMINATION.—” and all that follows
3 through “At the time of termination” and
4 inserting “EFFECT OF RELINQUISHMENT
5 ON OPERATION OF GENERAL LAND
6 LAWS.—Upon relinquishment of Depart-
7 ment of the Air Force jurisdiction over
8 lands withdrawn and reserved by this
9 title”;

10 (iii) in subsection (b)—

11 (I) in the subsection heading, by
12 inserting “PROCESS” after “RELIN-
13 QUISHMENT”;

14 (II) in paragraph (1), by striking
15 “under subsection (c)”;

16 (III) in paragraph (3), by strik-
17 ing “before the date of termination,
18 as provided for in subsection (a)(1)”;
19 and

20 (iv) by striking subsection (c); and

21 (B) in section 2916—

22 (i) in the section heading, by striking
23 “**or upon termination of with-**
24 **drawal**”;

1 (ii) in subsection (a)(1), by striking
2 “and in all cases not later than 2 years be-
3 fore the date of termination of withdrawal
4 and reservation,”;

5 (iii) in subsection (b), by striking “en-
6 vironmental remediation” and all that fol-
7 lows through the end of the subsection and
8 inserting “environmental remediation be-
9 fore relinquishing, to the Secretary of the
10 Interior, jurisdiction over any lands identi-
11 fied in a notice of intent to relinquish
12 under section 2915(b).”; and

13 (iv) in subsection (d)—

14 (I) in the subsection heading, by
15 striking “TERMINATES” and inserting
16 “RELINQUISHED”;

17 (II) by striking “termination
18 date” both places it appears and in-
19 serting “relinquishment date”; and

20 (III) in paragraph (2), by strik-
21 ing “termination” and inserting “re-
22 linquishment”.

23 (2) DETERMINATIONS OF CONTINUING MILI-
24 TARY NEED FOR WITHDRAWAL AND RESERVATION
25 AND PUBLIC REPORTS.—Section 2909 of the Juni-

1 per Butte Range Withdrawal Act (title XXIX of
2 Public Law 105–261; 112 Stat. 2230) is amended
3 by adding at the end the following new subsection:

4 “(d) PUBLIC REPORTS.—

5 “(1) CHANGES IN LAND CONDITIONS.—(A)
6 Concurrent with each review of an integrated nat-
7 ural resources management plan developed under
8 this section, the Secretary of the Air Force and the
9 Secretary of the Interior shall jointly prepare and
10 issue a report describing any changes in the condi-
11 tion of the lands withdrawn and reserved by this
12 title since the later of the date of any previous re-
13 port under this paragraph or the date of the envi-
14 ronmental analysis prepared to support the actions
15 that changed the condition of the lands.

16 “(B) A report under subparagraph (A) shall in-
17 clude a summary of current military use of the lands
18 withdrawn and reserved by this title, any changes in
19 military use of the lands since the previous report,
20 and efforts related to the management of natural
21 and cultural resources and environmental remedi-
22 ation of the lands during the previous 5 years.

23 “(2) COMBINATION WITH OTHER REPORTS.—A
24 report under this subsection may be combined with,
25 or incorporate by reference, any contemporary report

1 required by any other provision of law regarding the
2 lands withdrawn and reserved by this title.

3 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
4 fore the finalization of a report under this sub-
5 section, the Secretary of the Air Force and the Sec-
6 retary of the Interior shall invite interested members
7 of the public to review and comment on the report,
8 and shall hold at least one public meeting concerning
9 the report in a location or locations reasonably ac-
10 cessible to persons who may be affected by manage-
11 ment of the lands withdrawn and reserved by this
12 title.

13 “(B) Each public meeting under subparagraph
14 (A) shall be announced not less than 15 days before
15 the date of the meeting by advertisements in local
16 newspapers of general circulation, notices on the
17 internet, including the website of the Juniper Butte
18 Range (if one exists), and any other means consid-
19 ered necessary or desirable by the Secretaries.

20 “(4) DETERMINATION OF CONTINUING MILI-
21 TARY NEED.—With each report prepared pursuant
22 to this subsection, the Secretary of the Air Force
23 shall attach the Secretary’s determination regarding
24 whether there will be a continuing military need for

1 any or all the withdrawn and reserved lands for the
2 following 5 years.

3 “(5) DISTRIBUTION OF REPORT.—The Sec-
4 retary of the Air Force shall make the final version
5 of a report under this subsection available to the
6 public and shall submit the final version of such a
7 report to the Committees on Armed Services and
8 Energy and Natural Resources of the Senate and
9 the Committees on Armed Services and Natural Re-
10 sources of the House of Representatives.”.

11 (3) CLERICAL AMENDMENTS.—The table of
12 contents of the Juniper Butte Range Withdrawal
13 Act (title XXIX of Public Law 105-261; 112 Stat.
14 2226) is amended—

15 (A) by amending the item relating to sec-
16 tion 2915 to read as follows:

“Sec. 2915. Relinquishment of withdrawal.”; and

17 (B) by amending the item relating to sec-
18 tion 2916 to read as follows:

“Sec. 2916. Environmental remediation of relinquished withdrawn lands.”.

19 (d) RANGES COVERED BY SUBTITLE A OF MILITARY
20 LANDS WITHDRAWAL ACT OF 1999.—

21 (1) ELIMINATION OF TERMINATION DATE AND
22 CONFORMING AMENDMENTS.—The Military Lands
23 Withdrawal Act of 1999 (title XXX of Public Law
24 106–65; 113 Stat. 885) is amended—

1 (A) by striking section 3015;

2 (B) by striking section 3016 and inserting

3 the following new section:

4 **“SEC. 3016. RELINQUISHMENT.**

5 “(a) NOTICE OF INTENT REGARDING RELINQUISH-
6 MENT.—If the Secretary of the military department con-
7 cerned decides to relinquish all or any of the lands with-
8 drawn and reserved by section 3011, such Secretary shall
9 transmit a notice of intent to relinquish such lands to the
10 Secretary of the Interior.

11 “(b) OPENING DATE.—On the date of relinquishment
12 of the withdrawal and reservation of lands withdrawn and
13 reserved by section 3011, such lands shall not be open to
14 any form of appropriation under the public land laws, in-
15 cluding the mineral laws and the mineral leasing and geo-
16 thermal leasing laws, until the Secretary of the Interior
17 publishes in the Federal Register an appropriate order
18 stating the date upon which such lands shall be restored
19 to the public domain and opened.”; and

20 (C) in section 3017—

21 (i) by striking “section 3016(d)” each
22 place it appears and inserting “section
23 3016”; and

24 (ii) in subsection (e)—

1 (I) by striking “If because” and
2 everything that follows through “de-
3 termines that” and inserting “If the
4 Secretary of the Interior declines to
5 accept jurisdiction over lands with-
6 drawn by this subtitle which have
7 been proposed for relinquishment be-
8 cause the Secretary determines that”;
9 and

10 (II) in paragraph (2), by striking
11 “the expiration of the withdrawal of
12 such lands under this subtitle” and
13 inserting “such determination”.

14 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
15 EXECUTIVE COMMITTEES.—Section 3014 of the
16 Military Lands Withdrawal Act of 1999 (title XXX
17 of Public Law 106–65; 113 Stat. 890) is amended
18 by adding at the end the following new subsection:
19 “(g) INTERGOVERNMENTAL EXECUTIVE COMMIT-
20 TEES.—

21 “(1) ESTABLISHMENT AND PURPOSE.—For the
22 lands withdrawn and reserved by section 3011, the
23 Secretary of the military department concerned and
24 the Secretary of the Interior shall establish, by
25 memorandum of understanding, an intergovern-

1 mental executive committee for each range for the
2 sole purpose of exchanging views, information, and
3 advice relating to the management of the natural
4 and cultural resources of the withdrawn and re-
5 served lands.

6 “(2) COMPOSITION.—(A) The Secretary of the
7 military department concerned and the Secretary of
8 the Interior shall include representatives from inter-
9 ested Federal agencies as members of the intergov-
10 ernmental executive committee for a range.

11 “(B) The Secretary of the military department
12 concerned and the Secretary of the Interior shall in-
13 vite to serve as members of the intergovernmental
14 executive committee for a range—

15 “(i) at least one elected officer (or other
16 authorized representative) from the government
17 of the State in which the withdrawn and re-
18 served lands are located; and

19 “(ii) at least one elected officer (or other
20 authorized representative) from each local gov-
21 ernment and Indian tribal government in the vi-
22 cinity of the withdrawn and reserved lands, as
23 determined by the Secretaries.

24 “(3) OPERATION.—The intergovernmental exec-
25 utive committee for a range shall operate in accord-

1 ance with the terms set forth in the memorandum
2 of understanding.

3 “(4) PROCEDURES.—The memorandum of un-
4 derstanding for a range shall establish procedures
5 for creating a forum for exchanging views, informa-
6 tion, and advice relating to the management of nat-
7 ural and cultural resources on the withdrawn and re-
8 served lands, procedures for rotating the chair of the
9 intergovernmental executive committee, and proce-
10 dures for scheduling regular meetings, which shall
11 occur no less frequently than twice a year.

12 “(5) COORDINATOR.—The Secretary of the
13 military department concerned, in consultation with
14 the Secretary of the Interior, shall appoint an indi-
15 vidual to serve as coordinator of the intergovern-
16 mental executive committee for a range. The duties
17 of the coordinator shall be included in the memo-
18 randum of understanding. The coordinator shall not
19 be a member of the committee.”.

20 (3) DETERMINATION OF CONTINUING MILITARY
21 NEED FOR WITHDRAWAL AND RESERVATION AND
22 PUBLIC REPORTS.—The Military Lands Withdrawal
23 Act of 1999 (title XXX of Public Law 106–65; 113
24 Stat. 885), as amended by paragraph (1), is further

1 amended by inserting after section 3014 the fol-
2 lowing new section:

3 **“SEC. 3015. DETERMINATION OF CONTINUING MILITARY**
4 **NEED FOR WITHDRAWAL AND RESERVATION**
5 **AND PUBLIC REPORTS.**

6 “(a) PUBLIC REPORTS.—

7 “(1) CHANGES IN LAND CONDITIONS.—(A)
8 Concurrent with each review as to operation and ef-
9 fect of an integrated natural resources management
10 plan covering lands withdrawn and reserved under
11 this title, as required by section 101(b)(2) of the
12 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
13 the military department concerned and the Secretary
14 of the Interior shall jointly prepare and issue a re-
15 port describing any changes in the condition of the
16 lands withdrawn and reserved under this subtitle
17 since the later of the date of any previous report
18 under this paragraph or the date of the environ-
19 mental analysis prepared to support the actions that
20 changed the condition of the lands.

21 “(B) A report under subparagraph (A) shall in-
22 clude a summary of current military use of the lands
23 covered by the plan, any changes in military use of
24 the lands since the previous report, and efforts re-
25 lated to the management of natural and cultural re-

1 sources and environmental remediation of the lands
2 during the previous five years.

3 “(2) COMBINATION WITH OTHER REPORTS.—A
4 report under this subsection may be combined with,
5 or incorporate by reference, any contemporary report
6 required by any other provision of law regarding the
7 lands covered by the integrated natural resources
8 management plan.

9 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
10 fore the finalization of a report under this sub-
11 section, the Secretary of the military department
12 concerned and the Secretary of the Interior shall in-
13 vite interested members of the public to review and
14 comment on the report, and shall hold at least one
15 public meeting concerning the report in a location or
16 locations reasonably accessible to persons who may
17 be affected by management of the lands addressed
18 by the report.

19 “(B) Each public meeting under subparagraph
20 (A) shall be announced not less than 15 days before
21 the date of the meeting by advertisements in local
22 newspapers of general circulation, notices on the
23 internet, including the website of the affected mili-
24 tary range (if one exists), and any other means con-
25 sidered necessary or desirable by the Secretaries.

1 “(4) DISTRIBUTION OF REPORT.—The Sec-
2 retary of the military department concerned shall
3 make the final version of a report under this sub-
4 section available to the public and shall submit the
5 final version of such a report to the Committees on
6 Armed Services and Energy and Natural Resources
7 of the Senate and the Committees on Armed Serv-
8 ices and Natural Resources of the House of Rep-
9 resentatives.

10 “(b) DETERMINATION OF CONTINUING MILITARY
11 NEED.—With each report prepared pursuant to sub-
12 section (a), the Secretary of the military department con-
13 cerned shall attach the Secretary’s determination regard-
14 ing whether there will be a continuing military need for
15 any or all of the withdrawn and reserved lands for the
16 following 5 years.”.

17 (4) CLERICAL AMENDMENTS.—The table of
18 contents of the Military Lands Withdrawal Act of
19 1999 (title XXX of Public Law 106-65; 113 Stat.
20 885) is amended—

21 (A) by amending the item relating to sec-
22 tion 3015 to read as follows:

 “Sec. 3015. Determination of continuing military need for withdrawal and res-
 ervation and public reports.”; and

1 (B) by amending the item relating to sec-
2 tion 3016 to read as follows:

“Sec. 3016. Relinquishment.”.

3 (e) BARRY M. GOLDWATER RANGE.—

4 (1) ELIMINATION OF TERMINATION DATE AND
5 CONFORMING AMENDMENTS.—Section 3031 of the
6 Military Lands Withdrawal Act of 1999 (title XXX
7 of Public Law 106–65; 113 Stat. 897) is amended—

8 (A) in subsection (c)—

9 (i) in paragraph (1), by striking “, in-
10 cluding the duration of any renewal or ex-
11 tension”;

12 (ii) in paragraph (2)—

13 (I) in the paragraph heading, by
14 striking “OR TERMINATION”; and

15 (II) in subparagraph (C), by
16 striking the last sentence; and

17 (iii) in paragraph (3)(A), by striking
18 “or termination”; and

19 (B) in subsection (d), by striking “DURA-
20 TION” and all that follows through “of the ter-
21 mination” and inserting “EFFECT OF RELIN-
22 QUISHMENT ON OPERATION OF GENERAL
23 LAND LAWS.—On the date of relinquishment”;

24 (C) by striking subsection (e); and

25 (D) in subsection (f)—

1 (i) in the subsection heading, by strik-
2 ing “TERMINATION AND”;

3 (ii) in paragraph (1), by striking “but
4 not later than three years before the termi-
5 nation of the withdrawal and reservation,”;

6 (iii) in paragraph (3), by striking “be-
7 fore the termination date of the withdrawal
8 and reservation of such lands under this
9 section”; and

10 (iv) in paragraph (4)(A), by striking
11 “Notwithstanding the termination date,
12 unless” and inserting “Unless”.

13 (2) DETERMINATIONS OF CONTINUING MILI-
14 TARY NEED FOR WITHDRAWAL AND RESERVA-
15 TION.—Section 3031 of the Military Lands With-
16 drawal Act of 1999 (title XXX of Public Law 106–
17 65; 113 Stat. 897), as amended by paragraph (1),
18 is further amended by inserting after subsection (d)
19 the following new subsection:

20 “(e) DETERMINATION OF CONTINUING MILITARY
21 NEED.—With each report prepared pursuant to sub-
22 section (b)(5), the Secretary of the Navy and the Sec-
23 retary of the Air Force shall attach the Secretary’s deter-
24 mination 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) USE OF DEFINITIONS.—Section 3031(c)(5)
4 of the Military Lands Withdrawal Act of 1999 (title
5 XXX of Public Law 106–65; 113 Stat. 907) is
6 amended by striking subparagraphs (A) and (B) and
7 inserting the following:

8 “(A) The term ‘military munitions’ has the
9 meaning given that term in section 101(e)(4) of
10 title 10, United States Code.

11 “(B) The term ‘unexploded ordnance’ has
12 the meaning given that term in section
13 101(e)(5) of such title.”.

14 (f) NATIONAL TRAINING CENTER.—

15 (1) ELIMINATION OF TERMINATION DATE AND
16 CONFORMING AMENDMENTS.—The Fort Irwin Mili-
17 tary Land Withdrawal Act of 2001 (title XXIX of
18 Public Law 107–107; 115 Stat. 1335) is amended—

19 (A) in section 2910, by striking the section
20 heading and all that follows through “At the
21 time of the termination” and inserting the fol-
22 lowing:

23 **“SEC. 2910. EFFECT OF RELINQUISHMENT ON OPERATION**
24 **OF GENERAL LAND LAWS.**

25 “On the date of relinquishment”;

1 (B) by striking section 2911; and

2 (C) in section 2912—

3 (i) in the section heading, by striking

4 **“Termination and”**;

5 (ii) in subsection (a), by striking

6 “During the first 22 years of the with-

7 drawal and reservation made by this title,

8 if” and inserting “If”;

9 (iii) in subsection (c), by striking “be-

10 fore the termination date of the withdrawal

11 and reservation”; and

12 (iv) in subsection (d), by striking

13 “Notwithstanding the termination date

14 specified in section 2910, unless” and in-

15 serting “Unless”.

16 (2) DETERMINATION OF CONTINUING MILITARY

17 NEED FOR WITHDRAWAL AND RESERVATION AND

18 PUBLIC REPORTS.—The Fort Irwin Military Land

19 Withdrawal Act of 2001 (title XXIX of Public Law

20 107–107; 115 Stat. 1335) is further amended by in-

21 serting after section 2910 the following new section:

22 **“SEC. 2911. DETERMINATION OF CONTINUING MILITARY**

23 **NEED FOR WITHDRAWAL AND RESERVATION**

24 **AND PUBLIC REPORTS.**

25 **“(a) PUBLIC REPORTS.—**

1 “(1) CHANGES IN LAND CONDITIONS.—(A)

2 Concurrent with each review as to operation and ef-
3 fect of an integrated natural resources management
4 plan covering lands withdrawn and reserved under
5 this title, as required by section 101(b)(2) of the
6 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
7 the Army and the Secretary of the Interior shall
8 jointly prepare and issue a report describing any
9 changes in the condition of the lands withdrawn and
10 reserved under this title since the later of the date
11 of any previous report under this paragraph or the
12 date of the environmental analysis prepared to sup-
13 port the actions that changed the condition of the
14 lands.

15 “(B) A report under subparagraph (A) shall in-
16 clude a summary of current military use of the lands
17 withdrawn and reserved by this title, any changes in
18 military use of the lands since the previous report,
19 and efforts related to the management of natural
20 and cultural resources and environmental remedi-
21 ation of the lands during the previous five years.

22 “(2) COMBINATION WITH OTHER REPORTS.—A
23 report under this subsection may be combined with,
24 or incorporate by reference, any contemporary report

1 required by any other provision of law regarding the
2 lands withdrawn and reserved by this title.

3 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
4 fore the finalization of a report under this sub-
5 section, the Secretary of the Army and the Secretary
6 of the Interior shall invite interested members of the
7 public to review and comment on the report, and
8 shall hold at least one public meeting concerning the
9 report in a location or locations reasonably accessible
10 to persons who may be affected by management of
11 the lands withdrawn and reserved by this title.

12 “(B) Each public meeting under subparagraph
13 (A) shall be announced not less than 15 days before
14 the date of the meeting by advertisements in local
15 newspapers of general circulation, notices on the
16 internet, including the website of National Training
17 Center, and any other means considered necessary
18 or desirable by the Secretaries.

19 “(4) DISTRIBUTION OF REPORT.—The Sec-
20 retary of the Army shall make the final version of
21 a report under this subsection available to the public
22 and shall submit the final version of such a report
23 to the Committees on Armed Services and Energy
24 and Natural Resources of the Senate and the Com-

1 mittees on Armed Services and Natural Resources of
2 the House of Representatives.

3 “(b) PERIODIC DETERMINATION OF CONTINUING
4 NEED.—With each report prepared pursuant to sub-
5 section (a), the Secretary of the Army shall attach the Sec-
6 retary’s determination regarding whether there will be a
7 continuing military need for any or all of the withdrawn
8 and reserved lands for the following 5 years.”.

9 (3) ESTABLISHMENT OF INTERGOVERNMENTAL
10 EXECUTIVE COMMITTEE.—The Fort Irwin Military
11 Land Withdrawal Act of 2001 (title XXIX of Public
12 Law 107–107; 115 Stat. 1335) is amended by add-
13 ing at the end the following new section:

14 **“SEC. 2914. INTERGOVERNMENTAL EXECUTIVE COM-**
15 **MITTEE.**

16 “(a) ESTABLISHMENT AND PURPOSE.—The Sec-
17 retary of the Army and the Secretary of the Interior shall
18 establish, by memorandum of understanding, an intergov-
19 ernmental executive committee for the sole purpose of ex-
20 changing views, information, and advice relating to the
21 management of the natural and cultural resources of the
22 lands withdrawn and reserved by this title.

23 “(b) COMPOSITION.—

24 “(1) REPRESENTATIVES OF OTHER FEDERAL
25 AGENCIES.—The Secretary of the Army and the Sec-

1 retary of the Interior shall include representatives
2 from interested Federal agencies as members of the
3 intergovernmental executive committee.

4 “(2) REPRESENTATIVES OF STATE AND LOCAL
5 GOVERNMENTS.—The Secretary of the Army and
6 the Secretary of the Interior shall invite to serve as
7 members of the intergovernmental executive com-
8 mittee—

9 “(A) at least one elected officer (or other
10 authorized representative) from the government
11 of the State of California; and

12 “(B) at least one elected officer (or other
13 authorized representative) from each local gov-
14 ernment and Indian tribal government in the vi-
15 cinity of the withdrawn and reserved lands, as
16 determined by the Secretaries.

17 “(c) OPERATION.—The intergovernmental executive
18 committee shall operate in accordance with the terms set
19 forth in the memorandum of understanding under sub-
20 section (a).

21 “(d) PROCEDURES.—The memorandum of under-
22 standing under subsection (a) shall establish procedures
23 for creating a forum for exchanging views, information,
24 and advice relating to the management of natural and cul-
25 tural resources on the lands withdrawn and reserved by

1 this title, procedures for rotating the chair of the intergov-
2 ernmental executive committee, and procedures for sched-
3 uling regular meetings, which shall occur no less fre-
4 quently than twice a year.

5 “(e) COORDINATOR.—The Secretary of the Army, in
6 consultation with the Secretary of the Interior, shall ap-
7 point an individual to serve as coordinator of the intergov-
8 ernmental executive committee. The duties of the coordi-
9 nator shall be included in the memorandum of under-
10 standing under subsection (a). The coordinator shall not
11 be a member of the committee.”.

12 (4) CLERICAL AMENDMENTS.—The table of
13 contents of the Fort Irwin Military Land With-
14 drawal Act of 2001 (title XXIX of Public Law 107-
15 107; 115 Stat. 1335) is amended—

16 (A) by amending the item relating to sec-
17 tion 2910 to read as follows:

“Sec. 2910. Effect of relinquishment on operation of general land laws.”;

18 (B) by amending the item relating to sec-
19 tion 2911 to read as follows:

“Sec. 2911. Determination of continuing military need for withdrawal and res-
ervation and public reports.”;

20 (C) by amending the item relating to sec-
21 tion 2912 to read as follows:

“Sec. 2912. Relinquishment.”; and

1 (D) by inserting after the item relating to
2 section 2913 the following new item:

“Sec. 2914. Intergovernmental executive committee.”.

3 (g) RANGES COVERED BY MILITARY LAND WITH-
4 DRAWALS ACT OF 2013.—

5 (1) ELIMINATION OF TERMINATION DATE AND
6 CONFORMING AMENDMENTS.—The Military Land
7 Withdrawals Act of 2013 (title XXIX of Public Law
8 113–66; 127 Stat. 1025) is amended—

9 (A) by striking sections 2919, 2920; 2936,
10 2946, and 2979;

11 (B) in section 2921, by striking “On the
12 termination of” and inserting “On the relin-
13 quishment of”; and

14 (C) in section 2922(d)(3)—

15 (i) in the paragraph heading, by strik-
16 ing “ON TERMINATION” and inserting
17 “UPON RELINQUISHMENT”; and

18 (ii) by striking “or if at the expiration
19 of the withdrawal and reservation,”.

20 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
21 EXECUTIVE COMMITTEE.—The Military Land With-
22 drawals Act of 2013 (title XXIX of Public Law
23 113–66; 127 Stat. 1025) is further amended by in-
24 serting after section 2918 the following new section:

1 **“SEC. 2919. INTERGOVERNMENTAL EXECUTIVE COM-**
2 **MITTEE.**

3 “(a) ESTABLISHMENT AND PURPOSE.—For the lands
4 withdrawn and reserved by sections 2941 and 2971, the
5 Secretary concerned and the Secretary of the Interior shall
6 establish, by memorandum of understanding, an intergov-
7 ernmental executive committee for each location for the
8 sole purpose of exchanging views, information, and advice
9 relating to the management of the natural and cultural
10 resources of the withdrawn and reserved lands.

11 “(b) COMPOSITION.—

12 “(1) REPRESENTATIVES OF OTHER FEDERAL
13 AGENCIES.—The Secretary concerned and the Sec-
14 retary of the Interior shall include representatives
15 from interested Federal agencies as members of the
16 intergovernmental executive committee for a location
17 covered by subsection (a).

18 “(2) REPRESENTATIVES OF STATE AND LOCAL
19 GOVERNMENTS.—The Secretary concerned and the
20 Secretary of the Interior shall invite to serve as
21 members of the intergovernmental executive com-
22 mittee for a location covered by subsection (a)—

23 “(A) at least one elected officer (or other
24 authorized representative) from the government
25 of the State in which the withdrawn and re-
26 served lands are located; and

1 “(B) at least one elected officer (or other
2 authorized representative) from each local gov-
3 ernment and Indian tribal government in the vi-
4 cinity of the withdrawn and reserved lands, as
5 determined by the Secretaries.

6 “(c) OPERATION.—The intergovernmental executive
7 committee for a location covered by subsection (a) shall
8 operate in accordance with the terms set forth in the
9 memorandum of understanding under subsection (a).

10 “(d) PROCEDURES.—The memorandum of under-
11 standing under subsection (a) shall establish procedures
12 for creating a forum for exchanging views, information,
13 and advice relating to the management of natural and cul-
14 tural resources on the withdrawn and reserved lands, pro-
15 cedures for rotating the chair of the intergovernmental ex-
16 ecutive committee, and procedures for scheduling regular
17 meetings, which shall occur no less frequently than twice
18 a year.

19 “(e) COORDINATOR.—The Secretary concerned, in
20 consultation with the Secretary of the Interior, shall ap-
21 point an individual to serve as coordinator of the intergov-
22 ernmental executive committee for a location covered by
23 subsection (a). The duties of the coordinator shall be in-
24 cluded in the memorandum of understanding under sub-

1 section (a). The coordinator shall not be a member of the
2 committee.”.

3 (3) DETERMINATION OF CONTINUING MILITARY
4 NEED FOR WITHDRAWAL AND RESERVATION AND
5 PUBLIC REPORTS.—The Military Land Withdrawals
6 Act of 2013 (title XXIX of Public Law 113–66; 127
7 Stat. 1025) is further amended by inserting after
8 section 2919, as added by paragraph (2), the fol-
9 lowing new section:

10 **“SEC. 2920. DETERMINATION OF CONTINUING MILITARY**
11 **NEED FOR WITHDRAWAL AND RESERVATION**
12 **AND PUBLIC REPORTS.**

13 “(a) PUBLIC REPORTS.—

14 “(1) CHANGES IN LAND CONDITIONS.—(A)
15 Concurrent with each review as to operation and ef-
16 fect of an integrated natural resources management
17 plan covering lands withdrawn and reserved under
18 this title, as required by section 101(b)(2) of the
19 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
20 the military department concerned and the Secretary
21 of the Interior shall jointly prepare and issue a re-
22 port describing any changes in the condition of the
23 lands covered by the plan since the later of the date
24 of any previous report under this paragraph or the
25 date of the environmental analysis prepared to sup-

1 port the actions that changed the condition of the
2 lands.

3 “(B) A report under subparagraph (A) shall in-
4 clude a summary of current military use of the lands
5 covered by the plan, any changes in military use of
6 the lands since the previous report, and efforts re-
7 lated to the management of natural and cultural re-
8 sources and environmental remediation of the lands
9 during the previous five years.

10 “(2) COMBINATION WITH OTHER REPORTS.—A
11 report under this subsection may be combined with,
12 or incorporate by reference, any contemporary report
13 required by any other provision of law regarding the
14 lands addressed by the report.

15 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
16 fore the finalization of a report under this sub-
17 section, the Secretary of the military department
18 concerned and the Secretary of the Interior shall in-
19 vite interested members of the public to review and
20 comment on the report, and shall hold at least one
21 public meeting concerning the report in a location or
22 locations reasonably accessible to persons who may
23 be affected by management of the lands addressed
24 by the report.

1 “(B) Each public meeting under subparagraph
2 (A) shall be announced not less than 15 days before
3 the date of the meeting by advertisements in local
4 newspapers of general circulation, notices on the
5 internet, including the website of the affected mili-
6 tary range (if one exists), and any other means con-
7 sidered necessary or desirable by the Secretaries.

8 “(4) DISTRIBUTION OF REPORT.—The Sec-
9 retary of the military department concerned shall
10 make the final version of a report under this sub-
11 section available to the public and shall submit the
12 final version of such a report to the Committees on
13 Armed Services and Energy and Natural Resources
14 of the Senate and the Committees on Armed Serv-
15 ices and Natural Resources of the House of Rep-
16 resentatives.

17 “(b) DETERMINATION OF CONTINUING MILITARY
18 NEED.—With each report prepared pursuant to sub-
19 section (a), the Secretary of the military department con-
20 cerned shall attach the Secretary’s determination regard-
21 ing whether there will be a continuing military need for
22 any or all of the withdrawn and reserved lands for the
23 following 5 years.”.

24 (4) CLERICAL AMENDMENTS.—The table of
25 contents of the Military Land Withdrawals Act of

1 2013 (title XXIX of Public Law 113-66; 127 Stat.
2 1025) is amended—

3 (A) by striking the item relating to section
4 2919 and inserting the following new item:

“Sec. 2919. Intergovernmental executive committee.”;

5 (B) by striking the item relating to section
6 2920 and inserting the following new item:

“Sec. 2920. Determination of continuing military need for withdrawal and res-
ervation and public reports.”; and

7 (C) by striking the items relating to sec-
8 tion 2936, 2946, and 2979.

9 (h) REQUESTS FOR WITHDRAWALS MADE TO SEC-
10 RETARY OF THE INTERIOR; TEMPORARY USE PERMITS
11 AND TRANSFERS OF SMALL PARCELS OF LAND BETWEEN
12 DEPARTMENTS OF INTERIOR AND MILITARY DEPART-
13 MENTS; MORE EFFICIENT SURVEYING OF LANDS.—

14 (1) REQUIRING REQUESTS FOR WITHDRAWALS
15 TO BE MADE TO SECRETARY OF THE INTERIOR.—

16 Section 3 of the Act of February 28, 1958 (Public
17 Law 85–337; 43 U.S.C. 157), is amended—

18 (A) by striking “Any application” and in-
19 serting “(a) CONTENTS OF APPLICATION.—Any
20 application”; and

21 (B) by striking “shall specify” and insert-
22 ing “shall be filed with the Secretary of the In-
23 terior and shall specify”.

1 (2) AUTHORIZATION OF ADDITIONAL ARRANGE-
2 MENTS FOR USE AND TRANSFER OF LANDS UNDER
3 JURISDICTION OF SECRETARY OF THE INTERIOR.—

4 Such Act (43 U.S.C. 155 et seq.) is further amended
5 by adding at the end the following new sections:

6 **“SEC. 7. SHORT-TERM PERMITS FOR USE OF DEPARTMENT**
7 **OF INTERIOR LANDS FOR MILITARY TRAIN-**
8 **ING AND TESTING.**

9 “(a) AUTHORITY.—In addition to any other authority
10 to grant permits for the use of land, the Secretary of the
11 Interior may grant a permit to the Secretary of Defense
12 to use land under the administrative jurisdiction of the
13 Secretary of the Interior. Any such permit—

14 “(1) shall be issued consistent with section
15 2691 of title 10, United States Code;

16 “(2) shall allow the Department of Defense to
17 use the land only for purposes of training and test-
18 ing that are consistent with the purposes for which
19 the Secretary of the Interior manages the land; and

20 “(3) may contain such other requirements as
21 the Secretary of the Interior considers appropriate.

22 “(b) DURATION OF PERMIT.—A permit granted
23 under this section shall be in effect for such period as the
24 Secretary of the Interior may provide, except that such
25 period may not exceed 30 days.

1 **“SEC. 8. TRANSFERS OF SMALL PARCELS OF LAND BE-**
2 **TWEEN THE DEPARTMENTS OF DEFENSE AND**
3 **INTERIOR.**

4 “(a) TRANSFER AUTHORIZED.—Subject to any valid
5 existing rights, upon mutual agreement, and without cost
6 for the value of the land or any improvements thereon—

7 “(1) the Secretary of the Interior may transfer
8 administrative jurisdiction over land that meets the
9 requirements of subsection (b) to the Secretary of a
10 military department; and

11 “(2) the Secretary of a military department
12 may transfer administrative jurisdiction over land
13 that meets the requirements of subsection (b) to the
14 Secretary of the Interior.

15 “(b) REQUIREMENTS FOR LAND ELIGIBLE FOR
16 TRANSFER.—The requirements of this subsection are as
17 follows:

18 “(1) CONTIGUITY.—The land is contiguous to
19 land already under the administrative jurisdiction of
20 the Secretary to whom such jurisdiction is trans-
21 ferred.

22 “(2) LIMITATION ON ACREAGE.—No single par-
23 cel of the land is larger than 5,000 acres of contig-
24 uous area.

25 “(3) NO RECENT PRIOR TRANSFER OF CONTIG-
26 UOUS LAND.—The land is not contiguous to any

1 other land for which administrative jurisdiction has
2 been transferred under the authority of this section
3 during the previous 5 years.

4 “(4) PRIOR USE FOR DEFENSE PURPOSES.—In
5 the case of land transferred to the Department of
6 Defense, the land was used for defense purposes im-
7 mediately prior to the date of transfer.

8 “(c) MAP AND LEGAL DESCRIPTION.—

9 “(1) PREPARATION AND PUBLICATION.—The
10 Secretary of the Interior shall—

11 “(A) publish in the Federal Register a no-
12 tice containing the legal description of any land
13 transferred under subsection (a);

14 “(B) file maps and legal descriptions of
15 the land with—

16 “(i) the Committees on Armed Serv-
17 ices and Energy and Natural Resources of
18 the Senate, and

19 “(ii) the Committees on Armed Serv-
20 ices and Natural Resources of the House
21 of Representatives; and

22 “(C) make copies of such maps and legal
23 descriptions available for public inspection in
24 the appropriate offices of the Bureau of Land
25 Management.

1 “(2) FORCE OF LAW.—For purposes of any
2 transfer of administrative jurisdiction over land
3 under this section, the legal description and map for
4 the land shall be the legal description of the land
5 filed under paragraph (1)(B), except that the Sec-
6 retary of the Interior may correct clerical and typo-
7 graphical errors in the legal description or map.

8 “(3) COSTS.—The Secretary of the military de-
9 partment to whom administrative jurisdiction over
10 land is transferred under subsection (a)(1) shall re-
11 imburse the Secretary of the Interior for the costs
12 incurred by the Secretary of the Interior in imple-
13 menting this subsection with respect to such land.

14 “(d) TREATMENT AND USE OF LAND TRANSFERRED
15 TO THE SECRETARY OF A MILITARY DEPARTMENT.—
16 Upon a transfer of administrative jurisdiction over land
17 to the Secretary of a military department under subsection
18 (a)(1)—

19 “(1) the land shall be treated as property (as
20 defined in section 102(9) of title 40, United States
21 Code) under the administrative jurisdiction of the
22 Secretary of the military department; and

23 “(2) for as long as the land is under the admin-
24 istrative jurisdiction of a Secretary of a military de-
25 partment, the land shall be withdrawn from—

1 “(A) all forms of entry, appropriation, or
2 disposition under the public land laws,

3 “(B) location, entry, and patent under the
4 mining laws,

5 “(C) disposition under all laws relating to
6 mineral materials and all laws relating to min-
7 eral and geothermal leasing.

8 “(e) TREATMENT AND USE OF LAND TRANSFERRED
9 TO THE SECRETARY OF THE INTERIOR.—Upon a transfer
10 of administrative jurisdiction over land to the Secretary
11 of the Interior under subsection (a)(2)—

12 “(1) the land shall become public land; and

13 “(2) the land shall be administered for the
14 same purposes and be subject to the same conditions
15 of use as the adjacent public land.

16 “(f) EFFECT ON OTHER AUTHORITIES.—The au-
17 thority provided by this section is in addition to, and not
18 subject to, any other authority relating to transfers of
19 land.”.

20 (3) SHORT TITLE.—The first section of such
21 Act (43 U.S.C. 155) is amended—

22 (A) by striking “That, notwithstanding”
23 and inserting “SECTION 1. (a) WITHDRAWAL,
24 RESERVATION, OR RESTRICTION OF PUBLIC

1 LANDS FOR DEFENSE PURPOSES.—Notwith-
2 standing”; and

3 (B) by adding at the end the following new
4 subsection:

5 “(b) SHORT TITLE.—This Act may be cited as the
6 ‘Engle Act’.”.

7 (4) PROMOTING MORE EFFICIENT SURVEYING
8 OF LANDS.—In fixing the original corner position in
9 an official survey of unsurveyed land, when applica-
10 ble and feasible, Cadastral Survey may, instead of
11 using physical monuments, use geographic coordi-
12 nates correlated to the National Spatial Reference
13 System geodetic datum, in accordance with the Man-
14 ual of Surveying Instructions.

15 (i) EFFECT ON NEW LAND WITHDRAWALS AND RES-
16 ERVATIONS.—Nothing in this section or the amendments
17 made by this section shall be construed as changing the
18 requirements imposed on the Department of Defense to
19 obtain a new or expanded land withdrawal and reserva-
20 tion.

21 **SEC. 2832. DESIGNATION OF POTENTIAL WILDERNESS**
22 **AREA.**

23 (a) IN GENERAL.—Certain land administered by the
24 National Park Service, comprising approximately 1 acre
25 as generally depicted on the map entitled “Proposed Po-

1 tential Wilderness, Mormon Peak Microwave Facility,
2 Death Valley National Park”, numbered 143–142, 834,
3 and dated March 1, 2018, is designated as a potential wil-
4 derness area.

5 (b) USES.—The Secretary of the Interior may permit
6 on the land described in subsection (a) only the uses that
7 were permitted on such land on the date of enactment of
8 the California Desert Protection Act of 1994 (Public Law
9 103-433).

10 (c) REESTABLISHMENT OF WILDERNESS DESIGNA-
11 TION.—

12 (1) NOTICE.—The Secretary of the Interior
13 shall publish a notice in the Federal Register when
14 the Secretary determines that—

15 (A) the communications site within the po-
16 tential wilderness area designated under sub-
17 section (a) is no longer used;

18 (B) the associated right-of-way is relin-
19 quished or not renewed; and

20 (C) the conditions in the potential wilder-
21 ness area designated by subsection (a) are com-
22 patible with the Wilderness Act (16 U.S.C.
23 1131 et seq.).

1 (2) DESIGNATION.—Upon publication by the
2 Secretary of the notice described in paragraph (1),
3 the land described in subsection (a) is—

4 (A) designated as wilderness and as a com-
5 ponent of the National Wilderness Preservation
6 System; and

7 (B) incorporated into the Death Valley Na-
8 tional Park Wilderness designated by section
9 601 of Public Law 103–433.

10 **Subtitle E—Other Matters**

11 **SEC. 2841. DEFENSE COMMUNITY INFRASTRUCTURE PRO-** 12 **GRAM.**

13 (a) AUTHORIZATION OF PROGRAM.—Section 2391 of
14 title 10, United States Code, is amended—

15 (1) by redesignating subsections (d) and (e) as
16 subsections (e) and (f); and

17 (2) by inserting after subsection (c) the fol-
18 lowing new subsection:

19 “(d) DEFENSE COMMUNITY INFRASTRUCTURE PRO-
20 GRAM.—(1) The Secretary of Defense may make grants,
21 conclude cooperative agreements, and supplement funds
22 available under Federal programs administered by agen-
23 cies other than the Department of Defense to assist States
24 and units of local government in addressing deficiencies
25 in community infrastructure projects or facilities which

1 are located outside of military installations but which sup-
2 port military installations, and which are owned by the
3 State or unit of local government, if the Secretary deter-
4 mines that such assistance will enhance the military value,
5 resiliency, or military family quality of life at such military
6 installation.

7 “(2) The Secretary shall establish criteria for the eli-
8 gibility and selection of States and units of local govern-
9 ment to receive assistance under this subsection. Such cri-
10 teria shall include a requirement that the State or unit
11 of local government agrees to contribute not less than 20
12 percent of the funding required to address the deficiencies
13 in the community infrastructure project or facility in-
14 volved, except that the Secretary may waive such require-
15 ment in the case of a community infrastructure project
16 or facility which is located in a rural area.

17 “(3) Prior to providing any assistance to a State or
18 unit of local government with respect to a community in-
19 frastructure project or facility under this subsection, the
20 Secretary shall provide a notification to the appropriate
21 committees of Congress of the intent to provide the assist-
22 ance, and shall include in the notification a comprehensive
23 description of how the assistance will address deficiencies
24 in the project or facility, a certification of military need,
25 and (if applicable) a certification that the State or unit

1 of local government has agreed to contribute funding for
2 the infrastructure as required under paragraph (2). The
3 Secretary may then obligate funds for such assistance only
4 after the end of the 14-day period beginning on the date
5 on which the notification is received by the committees in
6 an electronic medium pursuant to section 480 of this
7 title.”.

8 (b) DEFINITION.—Section 2391(e) of such title, as
9 redesignated by subsection (a), is amended by adding at
10 the end the following new paragraph:

11 “(4) The term ‘community infrastructure
12 project or facility’ means any of the following:

13 “(A) A transportation project.

14 “(B) A school, hospital, police, fire, emer-
15 gency response, or other community support fa-
16 cility.

17 “(C) A water, waste-water, telecommuni-
18 cations, electric, gas, or other utility infrastruc-
19 ture project.”.

20 **SEC. 2842. RESTRICTIONS ON USE OF FUNDS FOR DEVEL-**
21 **OPMENT OF PUBLIC INFRASTRUCTURE IN**
22 **COMMONWEALTH OF NORTHERN MARIANA**
23 **ISLANDS.**

24 (a) RESTRICTION.—If the Secretary of Defense de-
25 termines that any grant, cooperative agreement, transfer

1 of funds to another Federal agency, or supplement of
2 funds available under Federal programs administered by
3 agencies other than the Department of Defense will result
4 in the development (including repair, replacement, renova-
5 tion, conversion, improvement, expansion, acquisition, or
6 construction) of public infrastructure in the Common-
7 wealth of the Northern Mariana Islands (hereafter in this
8 section referred to as the “Commonwealth”), the Sec-
9 retary of Defense may not carry out such grant, transfer,
10 cooperative agreement, or supplemental funding unless
11 such grant, transfer, cooperative agreement, or supple-
12 mental funding—

13 (1) is specifically authorized by law; and

14 (2) will be used to carry out a public infrastruc-
15 ture project included in the report submitted under
16 subsection (b).

17 (b) REPORT OF ECONOMIC ADJUSTMENT COM-
18 MITTEE.—

19 (1) CONVENING OF COMMITTEE.—Not later
20 than 90 days after the date of the enactment of this
21 Act, the Secretary of Defense, as the chair of the
22 Economic Adjustment Committee established in Ex-
23 ecutive Order No. 127887 (10 U.S.C. 2391 note),
24 shall convene the Economic Adjustment Committee
25 to consider assistance, including assistance to sup-

1 port public infrastructure projects, necessary to sup-
2 port changes in Department of Defense activities in
3 the Commonwealth.

4 (2) REPORT.—Not later than 180 days after
5 convening the Economic Adjustment Committee
6 under paragraph (1), the Secretary shall submit to
7 the congressional defense committees a report—

8 (A) describing the results of the Economic
9 Adjustment Committee deliberations required
10 by paragraph (1); and

11 (B) containing a description of any assist-
12 ance the Committee determines to be necessary
13 to support changes in Department of Defense
14 activities in the Commonwealth, including any
15 public infrastructure projects the Committee de-
16 termines should be carried out with such assist-
17 ance.

18 (c) PUBLIC INFRASTRUCTURE DEFINED.—In this
19 section, the term “public infrastructure” means any util-
20 ity, method of transportation, item of equipment, or facil-
21 ity under the control of a public entity or State or local
22 government that is used by, or constructed for the benefit
23 of, the general public.

1 **SEC. 2843. STUDY AND REPORT ON COLEMAN BRIDGE,**
2 **YORK RIVER, VIRGINIA.**

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

4 (1) Navy vessels must have access to Naval
5 Weapons Station, Yorktown, Virginia, in order to
6 load munitions for war time needs.

7 (2) To access the Station, vessels must pass the
8 George P. Coleman Bridge on the York River, which
9 swings open to allow passage.

10 (3) Many Federal employees at the Station and
11 at other critical military installations in the Tide-
12 water region of Virginia live on the north side of the
13 York River and commute to work using the Bridge.

14 (4) The assured operation of the George P.
15 Coleman Memorial Bridge is therefore critical to the
16 operation of Naval Weapons Station, Yorktown and
17 national security generally.

18 (b) STUDY AND REPORT ON INCLUSION OF BRIDGE
19 IN STRATEGIC HIGHWAY NETWORK.—

20 (1) STUDY.—The Commander of the United
21 States Transportation Command shall conduct a
22 study of the feasibility and desirability of including
23 the George P. Coleman Memorial Bridge on the
24 York River, Virginia, and United States Route 17 in
25 the Strategic Highway Network.

1 (2) REPORT.—Not later than 180 days after
2 the date of the enactment of this Act, the Com-
3 mander shall submit to the congressional defense
4 committees a report on the results of the study con-
5 ducted under paragraph (1).

6 **SEC. 2844. CERTIFICATIONS REQUIRED PRIOR TO TRANS-**
7 **FER OF CERTAIN VETERANS MEMORIAL OB-**
8 **JECT.**

9 (a) CERTIFICATIONS.—Subsection (c) of section 2864
10 of the National Defense Authorization Act for Fiscal Year
11 2018 (Public Law 115–91; 131 Stat. 1869) is amended—

12 (1) in the heading, by striking “TRANSFER”
13 and all that follows and inserting “TRANSFER OF
14 CERTAIN VETERANS MEMORIAL OBJECT”;

15 (2) in the matter preceding paragraph (1), by
16 striking “certifies to Congress” and inserting “pro-
17 vides a certification to Congress”

18 (3) by redesignating paragraph (2) as para-
19 graph (3); and

20 (4) by inserting after paragraph (1) the fol-
21 lowing new paragraph:

22 “(2) CERTIFICATION REQUIREMENTS.—The
23 certification required under paragraph (1) shall in-
24 clude a report with a classified annex describing the
25 effects of the transfer of the object under this sub-

1 section on the national security interests of the
 2 United States (as required under subparagraph (A)
 3 of paragraph (1)) and the efforts undertaken to con-
 4 sult with veterans organizations and government of-
 5 ficials in the State of Wyoming in order to preserve
 6 the history of the veterans associated with the object
 7 (as required by subparagraph (B) of paragraph
 8 (1)).”.

9 (b) EFFECTIVE DATE.—The amendment made by
 10 subsection (a) shall take effect as if included in the enact-
 11 ment of the National Defense Authorization Act for Fiscal
 12 Year 2018.

13 **TITLE XXIX—OVERSEAS CONTIN-**
 14 **GENCY OPERATIONS MILI-**
 15 **TARY CONSTRUCTION**

16 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**
 17 **ACQUISITION PROJECTS.**

18 The Secretary of the Army may acquire real property
 19 and carry out the military construction projects for the
 20 installations outside the United States, and in the
 21 amounts, set forth in the following table:

Army: Outside the United States

Country	Location	Amount
Bulgaria	Nevo Selo Fos	\$5,200,000
Poland	Drawsko Pomorski Training Area	\$17,000,000
	Powidz Air Base	\$87,000,000
	Zagan Training Area	\$40,400,000
Romania	Mihail Kogalniceanu	\$21,651,000

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
 5 installations outside the United States, and in the
 6 amounts, set forth in the following table:

Navy: Outside the United States

Country	Location	Amount
Greece	Naval Support Activity Souda Bay	\$47,850,000
Italy	Naval Air Station Sigonella	\$66,050,000
Spain	Naval Station Rota	\$21,590,000
United Kingdom	Lossiemouth	\$79,130,000

7 SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND
8 LAND ACQUISITION PROJECTS.

9 The Secretary of the Air Force may acquire real
 10 property and carry out the military construction projects
 11 for the installations outside the United States, and in the
 12 amounts, set forth in the following table:

Air Force: Outside the United States

Country	Location	Amount
Germany	Ramstein Air Base	\$119,000,000
Norway	Rygge	\$13,800,000
Qatar	Al Udeid	\$70,400,000
Slovakia	Malacky	\$59,000,000
United Kingdom	RAF Fairford	\$106,000,000

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
 17 installations outside the United States, and in the
 18 amounts, set forth in the following table:

Defense Agencies: Outside the United States

Country	Location	Amount
Estonia	Unspecified Estonia	\$15,700,000
Qatar	Al Udeid	\$60,000,000

1 SEC. 2905. AUTHORIZATION OF APPROPRIATIONS.

2 Funds are hereby authorized to be appropriated for
3 fiscal years beginning after September 30, 2018, for the
4 military construction projects outside the United States
5 authorized by this title as specified in the funding table
6 in section 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
12 authorized by this title may be obligated or expended for
13 planning and design costs of any project associated with
14 the European Deterrence Initiative until the Secretary of
15 Defense submits to the congressional defense committees
16 a list of all of the military construction projects associated
17 with the European Deterrence Initiative which the Sec-
18 retary anticipates will be carried out during each of the
19 fiscal years 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
13 are hereby authorized to be appropriated to the Depart-
14 ment of Energy for fiscal year 2019 for the activities of
15 the National Nuclear Security Administration in carrying
16 out programs as specified in the funding table in division
17 D.

18 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
19 From funds referred to in subsection (a) that are available
20 for carrying out plant projects, the Secretary of Energy
21 may carry out new plant projects for the National Nuclear
22 Security Administration as follows:

23 Project 19–D–660, Lithium Production Capa-
24 bility, Y–12 National Security Complex, Oak Ridge,
25 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, Kes-
5 selring Site, West Milton, New York, \$10,994,000.

6 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

7 Funds are hereby authorized to be appropriated to
8 the Department of Energy for fiscal year 2019 for defense
9 environmental cleanup activities in carrying out programs
10 as specified in the funding table in division D.

11 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

12 Funds are hereby authorized to be appropriated to
13 the Department of Energy for fiscal year 2019 for other
14 defense activities in carrying out programs as specified in
15 the funding table in division D.

16 **SEC. 3104. NUCLEAR ENERGY.**

17 Funds are hereby authorized to be appropriated to
18 the Department of Energy for fiscal year 2019 for nuclear
19 energy 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
8 Administration Act (50 U.S.C. 2401 et seq.) is amended
9 by 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 accord-
14 ance with the adjudicative guidelines issued pursuant to
15 section 710.7 of title 10, Code of Federal Regulations, or
16 such successor regulation, before approving a security
17 clearance for 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
3 and Nationality Act (8 U.S.C. 1101)) and also a na-
4 tional 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
8 a national of the United States and also a national of a
9 foreign state identified under section 1564b(b)(2) of title
10 10, United States Code, the Secretary may waive the re-
11 quirement under subsection (a).”.

12 (b) CLERICAL AMENDMENT.—The table of contents
13 at the beginning of such Act is amended by inserting after
14 the 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
17 after the date of the enactment of this Act, the Sec-
18 retary of Energy shall provide to the Committees on
19 Armed Services of the House of Representatives and
20 the Senate, and to any other appropriate congres-
21 sional committee 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 para-
2 graph (2) of such section 3237(a).

3 (2) APPROPRIATE CONGRESSIONAL COMMIT-
4 TEES DEFINED.—In this subsection, the term “ap-
5 propriate congressional committees” means the fol-
6 lowing:

7 (A) The Committees on Armed Services of
8 the House of Representatives and the Senate.

9 (B) The Committee on Energy and Com-
10 merce and the Permanent Select Committee on
11 Intelligence of the House of Representatives.

12 (C) The Committee on Energy and Nat-
13 ural Resources and the Select Committee on In-
14 telligence of the Senate.

15 **SEC. 3112. DEPARTMENT OF ENERGY COUNTERINTEL-**
16 **LIGENCE POLYGRAPH PROGRAM.**

17 Section 4504(b) of the Atomic Energy Defense Act
18 (50 U.S.C. 2654(b)) is amended by adding at the end the
19 following new paragraph:

20 “(4) The regulations prescribed under paragraph (1)
21 shall ensure that the persons subject to the counterintel-
22 ligence polygraph program required by subsection (a) in-
23 clude any person who is—

24 “(A) a national of the United States (as such
25 term is defined in section 101 of the Immigration

1 and Nationality Act (8 U.S.C. 1101)) and also a na-
2 tional of a foreign state; and

3 “(B) an employee or contractor who requires
4 access 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
8 the Atomic Energy Defense Act (50 U.S.C. 2786) is
9 amended to read as follows:

10 “(g) TERMINATION.—The authority under this sec-
11 tion shall terminate on June 30, 2023.”.

12 (b) TECHNICAL AMENDMENT.—Subsection (f)(5)(A)
13 of such section is amended by striking “section 3542(b)
14 of title 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
19 by 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
4 be appropriated by this Act or otherwise made available
5 for fiscal year 2019 for atomic energy defense activities
6 may be obligated or expended to enter into a contract
7 with, or otherwise provide assistance to, the Russian Fed-
8 eration.

9 (b) WAIVER.—The Secretary of Energy, without dele-
10 gation, may waive the prohibition in subsection (a) only
11 if—

12 (1) the Secretary determines, in writing, that a
13 nuclear-related threat in the Russian Federation
14 must be addressed urgently and it is necessary to
15 waive the prohibition to address that threat;

16 (2) the Secretary of State and the Secretary of
17 Defense concur in the determination under para-
18 graph (1);

19 (3) the Secretary of Energy submits to the ap-
20 propriate congressional committees a report con-
21 taining—

22 (A) a notification that the waiver is in the
23 national security interest of the United States;

24 (B) justification for the waiver, including
25 the determination under paragraph (1); and

1 (C) a description of the activities to be car-
2 ried out pursuant to the waiver, including the
3 expected cost and timeframe for such activities;
4 and

5 (4) a period of seven days elapses following the
6 date on which the Secretary submits the report
7 under paragraph (3).

8 (c) EXCEPTION.—The prohibition under subsection
9 (a) and the requirements under subsection (b) to waive
10 that prohibition shall not apply to an amount, not to ex-
11 ceed \$3,000,000, that the Secretary may make available
12 for the Department of Energy Russian Health Studies
13 Program.

14 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
15 DEFINED.—In this section, the term “appropriate con-
16 gressional committees” means the following:

17 (1) The congressional defense committees.

18 (2) The Committee on Foreign Relations of the
19 Senate and the Committee on Foreign Affairs of the
20 House of Representatives.

1 **SEC. 3117. PROHIBITION ON AVAILABILITY OF FUNDS FOR**
2 **RESEARCH AND DEVELOPMENT OF AD-**
3 **VANCED NAVAL NUCLEAR FUEL SYSTEM**
4 **BASED ON LOW-ENRICHED URANIUM.**

5 (a) PROHIBITION.—Except as provided by subsection
6 (b), none of the funds authorized to be appropriated by
7 this Act or otherwise made available for fiscal year 2019
8 for the Department of Energy or the Department of De-
9 fense may be obligated or expended to plan or carry out
10 research and development of an advanced naval nuclear
11 fuel system based on low-enriched uranium.

12 (b) EXCEPTION.—In accordance with section 7319 of
13 title 10, United States Code, of the funds authorized to
14 be appropriated by this Act or otherwise made available
15 for fiscal year 2019 for defense nuclear nonproliferation,
16 as specified in the funding table in division D,
17 \$10,000,000 shall be made available to the Deputy Ad-
18 ministrator for Naval Reactors of the National Nuclear
19 Security Administration for low-enriched uranium activi-
20 ties (including downblending of high-enriched uranium
21 fuel into low-enriched uranium fuel, research and develop-
22 ment using low-enriched uranium fuel, or the modification
23 or procurement of equipment and infrastructure related
24 to such activities) to develop an advanced naval nuclear
25 fuel system based on low-enriched uranium.

1 **SEC. 3118. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**
2 **ING TO SUBMISSION OF ANNUAL REPORTS**
3 **ON UNFUNDED PRIORITIES.**

4 Section 4716 of the Atomic Energy Defense Act (50
5 U.S.C. 2756) is amended—

6 (1) by redesignating subsection (c) as sub-
7 section (d); and

8 (2) by inserting after subsection (b) the fol-
9 lowing new subsection (c):

10 “(c) **LIMITATION.**—If the Administrator fails to sub-
11 mit to the congressional defense committees a report re-
12 quired by subsection (a) for any of fiscal years 2020
13 through 2024 that contains at least one unfunded priority
14 by the deadline specified in such subsection, none of the
15 funds authorized to be appropriated or otherwise made
16 available for the fiscal year in which such failure occurs
17 for travel and transportation of persons under the Federal
18 salaries and expenses account of the Administration may
19 be obligated or expended until the date on which the Ad-
20 ministrator submits such report.”.

21 **Subtitle C—Reports**

22 **SEC. 3121. NOTIFICATION REGARDING RELEASE OF CON-**
23 **TAMINATION AT HANFORD SITE.**

24 (a) **IN GENERAL.**—Subtitle C of title XLIV of the
25 Atomic Energy Defense Act (50 U.S.C. 2621 et seq.) is
26 amended by adding at the end the following new section:

1 **“SEC. 4447. NOTIFICATION REGARDING RELEASE OF CON-**
2 **TAMINATION.**

3 “If the Assistant Secretary of Energy for Environ-
4 mental Management detects an improper release of con-
5 tamination resulting from defense waste at the Hanford
6 Nuclear Reservation, Richland, Washington, the Assistant
7 Secretary shall—

8 “(1) not later than two days after the date of
9 such detection, notify the congressional defense com-
10 mittees of such release of contamination; and

11 “(2) not later than seven days after the date of
12 such detection, provide the congressional defense
13 committees a briefing on the status of such release
14 of contamination, including—

15 “(A) the cause of the release, if known;
16 and

17 “(B) plans to address and remediate the
18 release, including associated costs and
19 timelines.”.

20 (b) CLERICAL AMENDMENT.—The table of contents
21 at the beginning of such Act is amended by inserting after
22 the item relating to section 4446 the following new item:

“Sec. 4447. Notification regarding release of contamination.”.

1 **Subtitle D—Other Matters**

2 **SEC. 3131. INCLUSION OF CAPITAL ASSETS ACQUISITION**
3 **PROJECTS IN ACTIVITIES BY DIRECTOR FOR**
4 **COST ESTIMATING AND PROGRAM EVALUA-**
5 **TION.**

6 Section 3221(h)(2) of the National Nuclear Security
7 Administration Act (50 U.S.C. 2411(h)(2)) is amended—

8 (1) by striking “PROGRAM.—” and all that fol-
9 lows through “, the term” and inserting “PRO-
10 GRAM.—The term”;

11 (2) by striking subparagraph (B); and

12 (3) by redesignating clauses (i) and (ii) as sub-
13 paragraphs (A) and (B), respectively.

14 **SEC. 3132. WHISTLEBLOWER PROTECTIONS.**

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

16 (1) The Department of Energy and its contrac-
17 tors rely to a significant extent on workers to bring
18 attention to important nuclear safety concerns.

19 (2) The Department of Energy, including the
20 National Nuclear Security Administration, have a
21 strong interest in preventing whistleblower retalia-
22 tion and in ensuring the work environment is condu-
23 cive to employees raising concerns.

1 (3) Retaliation against whistleblowers can lead
2 to a chilled work environment in which employees do
3 not feel free to raise important safety concerns.

4 (4) The Comptroller General of the United
5 States found in a 2016 report titled “Whistleblower
6 Protections Need Strengthening” that the Depart-
7 ment of Energy had infrequently used its enforce-
8 ment authority to hold contractors accountable for
9 unlawful retaliation, issuing only two violation no-
10 tices in the past 20 years.

11 (5) The Comptroller General also found that
12 the Department had taken limited or no action to
13 hold contractors accountable for creating a chilled
14 work environment.

15 (b) SENSE OF CONGRESS.—It is the sense of Con-
16 gress that—

17 (1) raising nuclear safety concerns is important
18 for avoiding potentially catastrophic incidents or
19 harm to workers and the public;

20 (2) the Department of Energy should protect
21 whistleblowers and take action against contractors
22 and subcontractors that retaliate against whistle-
23 blowers; and

24 (3) such action sends a strong signal to prevent
25 or limit retaliation against whistleblowers.

1 (c) CIVIL PENALTIES.—The Secretary of Energy, in-
2 cluding by acting through the Administrator for Nuclear
3 Security as appropriate, shall impose civil penalties under
4 section 234 a. of the Atomic Energy Act of 1954 (42
5 U.S.C. 2282(a)), as the Secretary or the Administrator
6 determines appropriate, on contractors, subcontractors,
7 and suppliers for violations of the rules, regulations, or
8 orders of the Department of Energy relating to nuclear
9 safety and radiation protection.

10 (d) CHILLED WORK ENVIRONMENT.—Not later than
11 120 days after the date of the enactment of this Act, the
12 Secretary shall clearly define what constitutes evidence of
13 a chilled work environment with respect to employees and
14 contractors of the Department making a whistleblower
15 complaint under section 4602 of the Atomic Energy De-
16 fense Act (50 U.S.C. 2702), or any other law that may
17 provide protection for disclosures of information by such
18 employees or contractors, without fear of being dis-
19 charged, demoted, or otherwise discriminated against as
20 a reprisal.

21 (e) NOTIFICATION.—

22 (1) IN GENERAL.—Not later than February 1,
23 2019, and each year thereafter through 2021, the
24 Secretary of Energy shall submit to the appropriate
25 congressional committees an annual notification on

1 whether any penalties were imposed pursuant to
2 subsection (c), including a description of such pen-
3 alties and the entities against which the penalties
4 were imposed.

5 (2) APPROPRIATE CONGRESSIONAL COMMIT-
6 TEES.—In this subsection, the term “appropriate
7 congressional committees” means—

8 (A) the congressional defense committees;
9 and

10 (B) the Committee on Energy and Com-
11 merce of the House of Representatives and the
12 Committee on Energy and Natural Resources of
13 the Senate.

14 **TITLE XXXII—DEFENSE NU-**
15 **CLEAR FACILITIES SAFETY**
16 **BOARD**

17 **SEC. 3201. AUTHORIZATION.**

18 There are authorized to be appropriated for fiscal
19 year 2019, \$31,243,000 for the operation of the Defense
20 Nuclear Facilities Safety Board under chapter 21 of the
21 Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

1 **TITLE XXXIV—NAVAL**
2 **PETROLEUM RESERVES**

3 **SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.**

4 (a) AMOUNT.—There are hereby authorized to be ap-
5 propriated to the Secretary of Energy \$10,000,000 for fis-
6 cal year 2019 for the purpose of carrying out activities
7 under chapter 641 of title 10, United States Code, relating
8 to the naval petroleum reserves.

9 (b) PERIOD OF AVAILABILITY.—Funds appropriated
10 pursuant to the authorization of appropriations in sub-
11 section (a) shall remain available until expended.

12 **TITLE XXXV—MARITIME**
13 **MATTERS**
14 **Subtitle A—Maritime**
15 **Administration**

16 **SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINIS-**
17 **TRATION.**

18 There are authorized to be appropriated to the De-
19 partment of Transportation for fiscal year 2018, to be
20 available without fiscal year limitation if so provided in
21 appropriations Acts, for programs associated with main-
22 taining the United States merchant marine, the following
23 amounts:

1 (1) For expenses necessary for operations of the
2 United States Merchant Marine Academy,
3 \$74,593,000, of which—

4 (A) \$70,593,000 shall be for Academy op-
5 erations; and

6 (B) \$4,000,000 shall remain available until
7 expended for capital asset management at the
8 Academy.

9 (2) For expenses necessary to support the State
10 maritime academies, \$24,400,000, of which—

11 (A) \$2,400,000 shall remain available until
12 September 30, 2019, for the Student Incentive
13 Program; and

14 (B) \$22,000,000 shall remain available
15 until expended for maintenance and repair of
16 State maritime academy training vessels.

17 (3) For expenses necessary to support the Na-
18 tional Security Multi-Mission Vessel Program,
19 \$350,000,000, which shall remain available until ex-
20 pended.

21 (4) For expenses necessary to support Maritime
22 Administration operations and programs,
23 \$53,435,000.

1 (5) For expenses necessary to dispose of vessels
2 in the National Defense Reserve Fleet, \$30,000,000,
3 which shall remain available until expended.

4 (6) For expenses necessary to maintain and
5 preserve a United States flag merchant marine to
6 serve the national security needs of the United
7 States under chapter 531 of title 46, United States
8 Code, \$300,000,000.

9 (7) For expenses necessary for the loan guar-
10 antee program authorized under chapter 537 of title
11 46, United States Code, \$33,000,000, of which—

12 (A) \$30,000,000 may be used for the cost
13 (as defined in section 502(5) of the Federal
14 Credit Reform Act of 1990 (2 U.S.C. 661a(5)))
15 of loan guarantees under the program; and

16 (B) \$3,000,000 may be used for adminis-
17 trative expenses relating to loan guarantee com-
18 mitments under the program.

19 (8) For expenses necessary to provide small
20 shipyards and maritime communities grants under
21 section 54101 of title 46, United States Code,
22 \$35,000,000.

1 **SEC. 3502. COMPLIANCE BY READY RESERVE FLEET VES-**
2 **SELS WITH SOLAS LIFEBOATS AND FIRE SUP-**
3 **PRESSION REQUIREMENTS.**

4 The Secretary of Defense shall, consistent with sec-
5 tion 2244a of title 10, United States Code, use authority
6 under section 2218 of such title to make such modifica-
7 tions to Ready Reserve Fleet vessels as are necessary for
8 such vessels to comply requirements for lifeboats and fire
9 suppression under the International Convention for the
10 Safety of Life at Sea by not later than October 1, 2021.

11 **SEC. 3503. MARITIME ADMINISTRATION NATIONAL SECU-**
12 **RITY MULTI-MISSION VESSEL PROGRAM.**

13 Section 3505 of the National Defense Authorization
14 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.
15 2776) is amended by adding at the end the following:

16 “(h) LIMITATION ON USE OF FUNDS FOR USED VES-
17 SELS.—Amounts authorized by this or any other Act for
18 use by the Maritime Administration to carry out this sec-
19 tion may not be used for the procurement of any used
20 vessel.”.

21 **SEC. 3504. PERMANENT AUTHORITY OF SECRETARY OF**
22 **TRANSPORTATION TO ISSUE VESSEL WAR**
23 **RISK INSURANCE.**

24 (a) IN GENERAL.—Section 53912 of title 46, United
25 States Code, is repealed.

1 (b) CLERICAL AMENDMENT.—The table of sections
2 at the beginning of chapter 539 of title 46, United States
3 Code, is amended by striking the item relating to section
4 53912.

5 **SEC. 3505. USE OF STATE MARITIME ACADEMY TRAINING**
6 **VESSELS.**

7 (a) IN GENERAL.—Section 51504(g) of title 46,
8 United States Code, is amended to read as follows:

9 “(g) TRAINING VESSEL CAPACITY SHARING.—

10 “(1) IN GENERAL.—The Secretary, acting
11 through the Maritime Administrator and in con-
12 sultation with the State maritime academies, imple-
13 ment a program under which State maritime acad-
14 emies shall share among such academies training
15 vessel capacity provided by the Secretary as nec-
16 essary to ensure that training needs for the purpose
17 of training licensed mariners of each academy are
18 met in periods of limited vessel capacity that could
19 affect required licensed mariner training as deter-
20 mined by the Maritime Administrator.

21 “(2) PROGRAM REQUIREMENTS.—The program
22 shall include—

23 “(A) ways to maximize the underway
24 training capacity for licensed mariners available
25 in the fleet of training vessels;

1 “(B) coordinating the dates and duration
2 of training cruises with the academic calendars
3 of State maritime academies, and

4 “(C) identifying ways to minimize costs as-
5 sociated with training voyages for both the
6 Maritime Administration and the State mari-
7 time academies.

8 “(3) ADDITIONAL FUNDING.—Subject to the
9 availability of appropriations, the Maritime Adminis-
10 trator may provide additional funding the State
11 maritime academies during periods of limited train-
12 ing vessel capacity, for costs associated with training
13 vessel sharing.

14 “(4) EVALUATION AND MODIFICATION.—Not
15 later than 30 days after the beginning of each fiscal
16 year and as the Maritime Administrator determines
17 necessary in the State maritime academy training
18 year, the Secretary, acting through the Maritime
19 Administrator, shall—

20 “(A) evaluate the program under this sub-
21 section to determine the optimal utilization of
22 State maritime academy training vessels for the
23 purpose described in paragraph (1); and

24 “(B) modify the program as necessary to
25 improve such utilization.”.

1 (b) DEADLINE.—The Secretary of Transportation
2 shall begin implementing the program required by the
3 amendment made by subsection (a) by not later than 180
4 days after the date of the enactment of this Act.

5 **Subtitle B—Coast Guard**

6 **SEC. 3521. ALIGNMENT WITH DEPARTMENT OF DEFENSE**
7 **AND SEA SERVICES AUTHORITIES.**

8 (a) PROHIBITING SEXUAL HARASSMENT; REPORT.—

9 (1) NOTIFICATION.—

10 (A) IN GENERAL.—The Commandant of
11 the Coast Guard shall notify the Committee on
12 Transportation and Infrastructure and the
13 Committee on Homeland Security of the House
14 of Representatives and the Committee on Com-
15 merce, Science, and Transportation of the Sen-
16 ate on August 26, 2018, if there is not in effect
17 a general order or regulation prohibiting sexual
18 harassment by members of the Coast Guard
19 and clearly stating that a violation of such
20 order or regulation is punishable in accordance
21 with the Uniform Code of Military Justice.

22 (B) CONTENTS.—The notification required
23 under subparagraph (A) shall include—

1 (i) details regarding the status of the
2 drafting of such general order or regula-
3 tion;

4 (ii) a projected implementation
5 timeline for such general order or regula-
6 tion; and

7 (iii) an explanation regarding any bar-
8 riers to implementation.

9 (2) REPORT.—Section 217 of the Coast Guard
10 Authorization Act of 2010 (Public Law 111–281;
11 124 Stat. 2917) is amended—

12 (A) in subsection (a), by inserting “and in-
13 cidents of sexual harassment” after “sexual as-
14 saults”; and

15 (B) in subsection (b)—

16 (i) in paragraph (1), by inserting
17 “and incidents of sexual harassment” after
18 “sexual assault” each place it appears;²

19 (ii) in paragraph (3), by inserting
20 “and sexual harassment” after “sexual as-
21 sault”; and

22 (iii) in paragraph (4), by inserting
23 “and sexual harassment” after “sexual as-
24 sault”.

25 (b) ANNUAL PERFORMANCE REPORT.—

1 (1) IN GENERAL.—Chapter 29 of title 14,
2 United States Code, is amended by adding at the
3 end the following:

4 **“§ 2905. Annual performance report**

5 “Not later than the date on which the President sub-
6 mits to Congress a budget pursuant to section 1105 of
7 title 31, the Commandant of the Coast Guard shall make
8 available on a public website and submit to the Committee
9 on Transportation and Infrastructure of the House of
10 Representatives and the Committee on Commerce,
11 Science, and Transportation of the Senate an update on
12 Coast Guard mission performance during the previous fis-
13 cal year.”.

14 (2) CLERICAL AMENDMENT.—The analysis at
15 the beginning of such chapter is amended by adding
16 at the end the following:

“2905. Annual performance report.”.

17 **SEC. 3522. PRELIMINARY DEVELOPMENT AND DEMONSTRA-**
18 **TION.**

19 Section 573 of title 14, United States Code, is
20 amended—

21 (1) in subsection (b)(3), by—

22 (A) striking “require that safety concerns
23 identified” and inserting “ensure that inde-
24 pendent third parties and Government employ-
25 ees that identify safety concerns”; and

1 (B) striking “Coast Guard shall be com-
2 municated as” and inserting “Coast Guard
3 communicate such concerns as;”

4 (2) in subsection (b)(4), by striking “Any safety
5 concerns that have been reported to the Chief Acqui-
6 sition Officer for an acquisition program or project
7 shall be reported by the Commandant” and inserting
8 “The Commandant shall ensure that any safety con-
9 cerns that have been communicated under paragraph
10 (3) for an acquisition program or project are re-
11 ported”;

12 (3) in subsection (b)(5)—

13 (A) by striking the matter preceding sub-
14 paragraph (A) and inserting the following:

15 “(5) ASSET ALREADY IN LOW, INITIAL, OR
16 FULL-RATE PRODUCTION.—The Commandant shall
17 ensure that if an independent third party or a Gov-
18 ernment employee identifies a safety concern with a
19 capability or asset or any subsystems of a capability
20 or asset not previously identified during operational
21 test and evaluation of a capability or asset already
22 in low, initial, or full-rate production—”;

23 (B) in subparagraph (A), by inserting “the
24 Commandant, through the Assistant Com-

1 mandant for Capability, shall” before “notify”;
2 and

3 (C) in subparagraph (B), by striking “no-
4 tify the Chief Acquisition Officer and include in
5 such notification” and inserting “the Deputy
6 Commandant for Mission Support shall notify
7 the Commandant and the Deputy Commandant
8 for Operations of the safety concern within 50
9 days after the notification required under sub-
10 paragraph (A), and include in such notifica-
11 tion”; and

12 (4) in subsection (c)—

13 (A) in paragraph (2)(A), by striking “and
14 that are delivered after the date of enactment
15 of the Coast Guard Authorization Act of 2010”;
16 and

17 (B) in paragraph (5), by striking “and de-
18 livered after the date of enactment of the Coast
19 Guard Authorization Act of 2010”.

20 **SEC. 3523. CONTRACT TERMINATION.**

21 (a) IN GENERAL.—Chapter 17 of title 14, United
22 States Code, is amended by inserting after section 656 the
23 following:

24 **“§ 657. Contract termination**

25 **“(a) IN GENERAL.—**

1 “(1) NOTIFICATION.—Before terminating a
2 procurement or acquisition contract with a total
3 value of more than \$1,000,000, the Commandant of
4 the Coast Guard shall notify each vendor under such
5 contract and require the vendor to maintain all work
6 product related to the contract until the earlier of—

7 “(A) not less than 1 year after the date of
8 the notification; or

9 “(B) the date the Commandant notifies
10 the vendor that maintenance of such work prod-
11 uct is no longer required.

12 “(b) WORK PRODUCT DEFINED.—In this section the
13 term ‘work product’—

14 “(1) means tangible and intangible items and
15 information produced or possessed as a result of a
16 contract referred to in subsection (a); and

17 “(2) includes—

18 “(A) any completed end items;

19 “(B) any uncompleted end items; and

20 “(C) any property in the contractor’s pos-
21 session in which the United States Government
22 has an interest.

23 “(c) PENALTY.—A vendor that fails to maintain work
24 product as required under subsection (a) is liable to the

1 United States for a civil penalty of not more than \$25,000
2 for each day on which such work product is unavailable.

3 “(d) REPORT.—Not later than 45 days after the end
4 of each fiscal year, the Commandant of the Coast Guard
5 shall provide to the Committee on Transportation and In-
6 frastructure of the House of Representatives and the Com-
7 mittee on Commerce, Science, and Transportation of the
8 Senate a report detailing—

9 “(1) all Coast Guard contracts with a total
10 value of more than \$1,000,000 that were terminated
11 in the fiscal year;

12 “(2) all vendors who were notified under sub-
13 section (a)(1) in the fiscal year, and the date of such
14 notification;

15 “(3) all criminal, administrative, and other in-
16 vestigations regarding any contract with a total
17 value of more than \$1,000,000 that were initiated
18 by the Coast Guard in the fiscal year;

19 “(4) all criminal, administrative, and other in-
20 vestigations regarding contracts with a total value of
21 more than \$1,000,000 that were completed by the
22 Coast Guard in the fiscal year; and

23 “(5) an estimate of costs incurred by the Coast
24 Guard, including contract line items and termination

1 costs, as a result of the requirements of this sec-
2 tion.”.

3 (b) CLERICAL AMENDMENT.—The analysis at the be-
4 ginning of such chapter is amended by inserting after the
5 item relating to section 656 the following:

“657. Contract termination.”.

6 **SEC. 3524. REIMBURSEMENT FOR TRAVEL EXPENSES.**

7 The text of section 518 of title 14, United States
8 Code is amended to read as follows:

9 “In any case in which a covered beneficiary (as defined
10 in section 1072(5) of title 10) resides on an island that
11 is located in the 48 contiguous States and the District of
12 Columbia and that lacks public access roads to the main-
13 land, the Secretary shall reimburse the reasonable travel
14 expenses of the covered beneficiary and, when accompani-
15 ment by an adult is necessary, for a parent or guardian
16 of the covered beneficiary or another member of the cov-
17 ered beneficiary’s family who is at least 21 years of age,
18 if—

19 “(1) the covered beneficiary is referred by a pri-
20 mary care physician to a specialty care provider (as
21 defined in section 1074i(b) of title 10) on the main-
22 land who provides services less than 100 miles from
23 the location where the beneficiary resides; or

24 “(2) the Coast Guard medical regional manager
25 for the area in which such island is located deter-

1 mines that the covered beneficiary requires services
2 of a primary care, specialty care, or dental provider
3 and such a provider who is part of the network of
4 providers of a TRICARE program (as that term is
5 defined in section 1072(7) of title 10) does not prac-
6 tice on such island.”.

7 **SEC. 3525. CAPITAL INVESTMENT PLAN.**

8 Section 2902(a) of title 14, United States Code, is
9 amended—

10 (1) by striking “On the date” and inserting
11 “Not later than 60 days after the date”;

12 (2) in paragraph (1)(D), by striking “and”; and

13 (3) by inserting after paragraph (1)(E) the fol-
14 lowing:

15 “(F) projected commissioning and decom-
16 missioning dates for each asset; and”.

17 **SEC. 3526. MAJOR ACQUISITION PROGRAM RISK ASSESS-**
18 **MENT.**

19 (a) IN GENERAL.—Chapter 29 of title 14, United
20 States Code, as amended by section 3521(b)(1) of this
21 Act, is further amended by adding at the end the fol-
22 lowing:

23 **“§ 2906. Major acquisition program risk assessment**

24 “(a) IN GENERAL.—Not later than April 15 and Oc-
25 tober 15 of each year, the Commandant of the Coast

1 Guard shall provide to the Committee on Transportation
2 and Infrastructure of the House of Representatives and
3 the Committee on Commerce, Science, and Transportation
4 of the Senate a briefing regarding a current assessment
5 of the risks associated with all current major acquisition
6 programs, as that term is defined in section 2903(f).

7 “(b) ELEMENTS.—Each assessment under this sub-
8 section shall include, for each current major acquisition
9 program, discussion of the following:

10 “(1) The top five current risks to such pro-
11 gram.

12 “(2) Any failure of such program to dem-
13 onstrate a key performance parameter or threshold
14 during operational test and evaluation conducted
15 during the 2 fiscal-year quarters preceding such as-
16 sessment.

17 “(3) Whether there has been any decision in
18 such 2 fiscal-year quarters to order full-rate produc-
19 tion before all key performance parameters or
20 thresholds are met.

21 “(4) Whether there has been any breach of
22 major acquisition program cost (as defined by the
23 Major Systems Acquisition Manual) in such 2 fiscal-
24 year quarters.

1 “(5) Whether there has been any breach of
2 major acquisition program schedule (as so defined)
3 during such 2 fiscal-year quarters.”.

4 (b) CLERICAL AMENDMENT.—The analysis at the be-
5 ginning of such chapter is further amended by adding at
6 the end the following:

 “2906. Major acquisition program risk assessment.”.

7 (c) CONFORMING AMENDMENTS.—Section 2903 of
8 title 14, United States Code, is amended—

9 (1) by striking subsection (f); and

10 (2) by redesignating subsection (g) as sub-
11 section (f).

12 **SEC. 3527. MARINE SAFETY IMPLEMENTATION STATUS.**

13 On the date on which the President submits to Con-
14 gress a budget for fiscal year 2020 under section 1105
15 of title 31, and on such date for each of the 2 subsequent
16 years, the Commandant of the Coast Guard shall submit
17 to the Committee on Transportation and Infrastructure
18 of the House of Representatives and the Committee on
19 Commerce, Science, and Transportation of the Senate a
20 report on the status of implementation of each action out-
21 lined in the Commandant’s final action memo dated De-
22 cember 19, 2017.

23 **SEC. 3528. RETIREMENT OF VICE COMMANDANT.**

24 (a) IN GENERAL.—Section 46 of title 14, United
25 States Code, is amended—

1 (1) in the section heading, by inserting “**or**
2 **Vice Commandant**” after “**Commandant**”;

3 (2) by redesignating subsection (a) as sub-
4 section (a)(1);

5 (3) by adding at the end of subsection (a) the
6 following:

7 “(2) A Vice Commandant who is not re-
8 appointed or appointed Commandant shall be retired
9 with the grade of admiral at the expiration of the
10 appointed term, except as provided in section
11 51(d).”;

12 (4) in subsections (b) and (c), by inserting “or
13 Vice Commandant” after “Commandant” each place
14 it appears; and

15 (5) in subsection (c), by striking “his” and in-
16 serting “the officer’s”.

17 (b) CONFORMING AMENDMENT.—Section 51 of title
18 14, United States Code, is amended by striking “other
19 than the Commandant,” each place it appears and insert-
20 ing “other than the Commandant or Vice Commandant,”.

21 (c) CLERICAL AMENDMENT.—The analysis at the be-
22 ginning of chapter 3 of title 14, United States Code, is
23 amended by striking the item relating to section 46 and
24 inserting the following:

“46. Retirement of Commandant or Vice Commandant.”.

1 **SEC. 3529. LARGE COMMERCIAL YACHT CODE.**

2 The Secretary of the department in which the Coast
3 Guard is operating, acting through the Commandant of
4 the Coast Guard, shall develop a Large Commercial Yacht
5 code for recreational vessels over 300 gross tons as meas-
6 ured under section 14502 of title 46, United States Code,
7 or an alternate tonnage measured under section 14302 of
8 such title (as prescribed by the Secretary under section
9 14104 of such title), that is comparable to the Code of
10 Safe Practice for Large Commercial Yachts (commonly re-
11 ferred to as the “Large Commercial Yacht Code”), as pub-
12 lished by the Maritime and Coast Guard of the United
13 Kingdom. The Secretary shall complete such code by no
14 later than one year after the date of the enactment of this
15 Act.

16 **Subtitle C—Coast Guard and**
17 **Shipping Technical Corrections**
18 **CHAPTER 1—COAST GUARD**

19 **SEC. 3531. COMMANDANT DEFINED.**

20 (a) IN GENERAL.—Chapter 1 of title 14, United
21 States Code, is amended by adding at the end the fol-
22 lowing:

23 **“§ 5. Commandant defined**

24 “In this title, the term ‘Commandant’ means the
25 Commandant of the Coast Guard.”.

1 (b) CLERICAL AMENDMENT.—The analysis for chap-
2 ter 1 of title 14, United States Code, is amended by add-
3 ing at the end the following:

“5. Commandant defined.”.

4 (c) CONFORMING AMENDMENTS.—Title 14, United
5 States Code, is amended—

6 (1) in section 58(a) by striking “Commandant
7 of the Coast Guard” and inserting “Commandant”;

8 (2) in section 101 by striking “Commandant of
9 the Coast Guard” and inserting “Commandant”;

10 (3) in section 693 by striking “Commandant of
11 the Coast Guard” and inserting “Commandant”;

12 (4) in section 672a(a) by striking “Com-
13 mandant of the Coast Guard” and inserting “Com-
14 mandant”;

15 (5) in section 678(a) by striking “Commandant
16 of the Coast Guard” and inserting “Commandant”;

17 (6) in section 561(a) by striking “Commandant
18 of the Coast Guard” and inserting “Commandant”;

19 (7) in section 577(a) by striking “Commandant
20 of the Coast Guard” and inserting “Commandant”;

21 (8) in section 581—

22 (A) by striking paragraph (4); and

23 (B) by redesignating paragraphs (5)
24 through (12) as paragraphs (4) through (11),
25 respectively;

1 (9) in section 200(a) by striking “Commandant
2 of the Coast Guard” and inserting “Commandant”;

3 (10) in section 196(b)(1) by striking “Com-
4 mandant of the Coast Guard” and inserting “Com-
5 mandant”;

6 (11) in section 199 by striking “Commandant
7 of the Coast Guard” and inserting “Commandant”;

8 (12) in section 429(a)(1) by striking “Com-
9 mandant of the Coast Guard” and inserting “Com-
10 mandant”;

11 (13) in section 423(a)(2) by striking “Com-
12 mandant of the Coast Guard” and inserting “Com-
13 mandant”;

14 (14) in section 2702(5) by striking “Com-
15 mandant of the Coast Guard” and inserting “Com-
16 mandant”;

17 (15) in section 2902(a) by striking “Com-
18 mandant of the Coast Guard” and inserting “Com-
19 mandant”; and

20 (16) in section 2903(f)(1) by striking “Com-
21 mandant of the Coast Guard” and inserting “Com-
22 mandant”.

1 **SEC. 3532. TRAINING COURSE ON WORKINGS OF CON-**
2 **GRESS.**

3 Section 60(d) of title 14, United States Code, is
4 amended to read as follows:

5 “(d) COMPLETION OF REQUIRED TRAINING.—A
6 Coast Guard flag officer who is newly appointed or as-
7 signed to a billet in the National Capital Region, and a
8 Coast Guard Senior Executive Service employee who is
9 newly employed in the National Capital Region, shall com-
10 plete a training course that meets the requirements of this
11 section not later than 60 days after reporting for duty.”.

12 **SEC. 3533. MISCELLANEOUS.**

13 (a) SECRETARY; GENERAL POWERS.—Section 92 of
14 title 14, United States Code, is amended by redesignating
15 subsections (f) through (i) as subsections (e) through (h),
16 respectively.

17 (b) COMMANDANT; GENERAL POWERS.—Section
18 93(a)(21) of title 14, United States Code, is amended by
19 striking “section 30305(a)” and inserting “section
20 30305(b)(7)”.

21 (c) ENLISTED MEMBERS.—

22 (1) DEPARTMENT OF THE ARMY AND DEPART-
23 MENT OF THE AIR FORCE.—Section 144(b) of title
24 14, United States Code, is amended by striking “en-
25 listed men” each place it appears and inserting “en-
26 listed members”.

1 (2) NAVY DEPARTMENT.—Section 145(b) of
2 title 14, United States Code, is amended by striking
3 “enlisted men” each place it appears and inserting
4 “enlisted 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),
8 is 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 strik-
12 ing the question mark.

13 (e) LONG-TERM LEASE AUTHORITY FOR LIGHT-
14 HOUSE PROPERTY.—Section 672a(a) of title 14, United
15 States Code, as amended by this Act, is further amended
16 by striking “Section 321 of chapter 314 of the Act of June
17 30, 1932 (40 U.S.C. 303b)” and inserting “Section 1302
18 of title 40”.

19 (f) REQUIRED CONTRACT TERMS.—Section 565 of
20 title 14, United States Code, is amended—

21 (1) in subsection (a) by striking “awarded or
22 issued by the Coast Guard after the date of enact-
23 ment of the Coast Guard Authorization Act of
24 2010”; and

1 (2) in subsection (b)(1) by striking “after the
2 date of enactment of the Coast Guard Authorization
3 Act of 2010”.

4 (g) ACQUISITION PROGRAM BASELINE BREACH.—
5 Section 575(c) of title 14, United States Code, is amended
6 by striking “certification, with a supporting explanation,
7 that” and inserting “determination, with a supporting ex-
8 planation, of whether”.

9 (h) ENLISTMENTS; TERM, GRADE.—Section 351(a)
10 of title 14, United States Code, is amended by inserting
11 “the duration of their” before “minority”.

12 (i) MEMBERS OF THE AUXILIARY; STATUS.—Section
13 823a(b)(9) of title 14, United States Code, is amended
14 by striking “On or after January 1, 2001, section” and
15 inserting “Section”.

16 (j) USE OF MEMBER’S FACILITIES.—Section 826(b)
17 of title 14, United States Code, is amended by striking
18 “section 154 of title 23, United States Code” and insert-
19 ing “section 30102 of title 49”.

20 (k) AVAILABILITY OF APPROPRIATIONS.—Section
21 830(b) of title 14, United States Code, is amended by
22 striking “1954” and inserting “1986”.

23 **SEC. 3534. DEPARTMENT OF DEFENSE CONSULTATION.**

24 Section 566 of title 14, United States Code, is
25 amended—

1 (1) in subsection (b) by striking “enter into”
2 and inserting “maintain”; and
3 (2) by striking subsection (d).

4 **SEC. 3535. REPEAL.**

5 Section 568 of title 14, United States Code, and the
6 item relating to that section in the analysis for chapter
7 15 of that title, are repealed.

8 **SEC. 3536. MISSION NEED STATEMENT.**

9 Section 569 of title 14, United States Code, is—

10 (1) amended in subsection (a)—

11 (A) by striking “for fiscal year 2016” and
12 inserting “for fiscal year 2019”; and

13 (B) by striking “, on the date on which the
14 President submits to Congress a budget for fis-
15 cal year 2019 under such section,”.

16 **SEC. 3537. CONTINUATION ON ACTIVE DUTY.**

17 Section 290(a) of title 14, United States Code, is
18 amended by striking “Officers, other than the Com-
19 mandant, serving” and inserting “Officers serving”.

20 **SEC. 3538. SYSTEM ACQUISITION AUTHORIZATION.**

21 (a) REQUIREMENT FOR PRIOR AUTHORIZATION OF
22 APPROPRIATIONS.—Section 2701(2) of title 14, United
23 States Code, is amended by striking “and aircraft” and
24 inserting “aircraft, and systems”.

1 (b) AUTHORIZATION OF APPROPRIATIONS.—Section
2 2702(2) of title 14, United States Code, is amended by
3 striking “and aircraft” and inserting “aircraft, and sys-
4 tems”.

5 **SEC. 3539. INVENTORY OF REAL PROPERTY.**

6 Section 679 of title 14, United States Code, is
7 amended—

8 (1) in subsection (a) by striking “Not later
9 than September 30, 2015, the Commandant shall es-
10 tablish” and inserting “The Commandant shall
11 maintain”; and

12 (2) by striking subsection (b) and inserting the
13 following:

14 “(b) UPDATES.—The Commandant shall update in-
15 formation on each unit of real property included in the
16 inventory required under subsection (a) not later than 30
17 days after any change relating to the control of such prop-
18 erty.”.

19 **CHAPTER 2—MARITIME**
20 **TRANSPORTATION**

21 **SEC. 3541. DEFINITIONS.**

22 (a) IN GENERAL.—

23 (1) Section 2101 of title 46, United States
24 Code, is amended—

1 (A) by inserting after paragraph (4) the
2 following:

3 “() ‘Commandant’ means the Commandant of
4 the Coast Guard.”;

5 (B) by striking the semicolon at the end of
6 paragraph (14) and inserting a period; and

7 (C) by redesignating the paragraphs of
8 such section in order as paragraphs (1) through
9 (54), respectively.

10 (2) Section 3701 of title 46, United States
11 Code, is amended by redesignating paragraphs (3)
12 and (4) as paragraphs (2) and (3) respectively.

13 (b) CONFORMING AMENDMENTS.—

14 (1) Section 114(o)(3) of the Marine Mammal
15 Protection Act of 1972 (16 U.S.C. 1383a(o)(3)) is
16 amended—

17 (A) by striking “section 2101(11a)” and
18 inserting “section 2101(12)”; and

19 (B) by striking “section 2101(11b)” and
20 inserting “section 2101(13)”.

21 (2) Section 3(3) of the Magnuson-Stevens Fish-
22 ery Conservation and Management Act (16 U.S.C.
23 1802(3)), is amended by striking “section
24 2101(21a)” and inserting “section 2101(30)”.

1 (3) Section 1992(d)(7) of title 18, United
2 States Code, is amended by striking “section
3 2101(22)” and inserting “section 2101(31)”.

4 (4) Section 12(c) of the Fishermen’s Protective
5 Act of 1967 (22 U.S.C. 1980b(c)) is amended by
6 striking “section 2101(11a)” and inserting “section
7 2101(12)”.

8 (5) Section 311(a)(26)(D) of the Federal Water
9 Pollution Control Act (33 U.S.C. 1321(a)(26)(D)) is
10 amended by striking “section 2101(17a)” and in-
11 serting “section 2101(23)”.

12 (6) Section 2113(3) of title 46, United States
13 Code, is amended by striking “section 2101(42)(A)”
14 and inserting “section 2101(51)(A)”.

15 (7) Section 2116(d)(1) of title 46, United
16 States Code, is amended by striking “Coast Guard
17 Commandant” and inserting “Commandant”.

18 (8) Section 3202(a)(1)(A) of title 46, United
19 States Code, is amended by striking “section
20 2101(21)(A)” and inserting “section 2101(29)(A)”.

21 (9) Section 3507 of title 46, United States
22 Code, is amended—

23 (A) in subsection (k)(1), by striking “sec-
24 tion 2101(22)” and inserting “section
25 2101(31)”; and

1 (B) by striking subsection (l) and inserting
2 the following:

3 “(l) DEFINITION.—In this section and section 3508,
4 the term ‘owner’ means the owner, charterer, managing
5 operator, master, or other individual in charge of a ves-
6 sel.”.

7 (10) Section 4105 of title 46, United States
8 Code, is amended—

9 (A) in subsection (b)(1), by striking “sec-
10 tion 2101(42)” and inserting “section
11 2101(51)”; and

12 (B) in subsection (c), by striking “section
13 2101(42)(A)” and inserting “section
14 2101(51)(A)”.

15 (11) Section 6101(i)(4) of title 46, United
16 States Code, is amended by striking “of the Coast
17 Guard”.

18 (12) Section 7510(c)(1) of title 46, United
19 States Code, is amended by striking “Commandant
20 of the Coast Guard” and inserting “Commandant”.

21 (13) Section 7706(a) of title 46, United States
22 Code, is amended by striking “of the Coast Guard”.

23 (14) Section 8108(a)(1) of title 46, United
24 States Code, is amended by striking “of the Coast
25 Guard”.

1 (15) Section 12119(a)(3) of title 46, United
2 States Code, is amended by striking “section
3 2101(20)” and inserting “section 2101(26)”.

4 (16) Section 80302(d) of title 46, United States
5 Code, is amended by striking “of the Coast Guard”
6 the first place it appears.

7 (17) Section 1101 of title 49, United States
8 Code, is amended by striking “Section 2101(17a)”
9 and inserting “Section 2101(23)”.

10 **SEC. 3542. AUTHORITY TO EXEMPT VESSELS.**

11 (a) IN GENERAL.—Section 2113 of title 46, United
12 States Code, is amended—

13 (1) by adding “and” after the semicolon at the
14 end of paragraph (3); and

15 (2) by striking paragraphs (4) and (5) and in-
16 serting the following:

17 “(4) maintain different structural fire protec-
18 tion, manning, operating, and equipment require-
19 ments for vessels that satisfied requirements set
20 forth in the Passenger Vessel Safety Act of 1993
21 (Public Law 103–206) before June 21, 1994.”.

22 (b) CONFORMING AMENDMENTS.—Section 3306(i) of
23 title 46, United States Code, is amended by striking “sec-
24 tion 2113(5)” and inserting “section 2113(4)”.

1 **SEC. 3543. PASSENGER VESSELS.**

2 (a) Section 3507 of title 46, United States Code, is
3 amended—

4 (1) by striking subsection (a)(3);

5 (2) in subsection (e)(2), by striking “services
6 confidential” and inserting “services as confiden-
7 tial”; and

8 (3) in subsection (i), by striking “Within 6
9 months after the date of enactment of the Cruise
10 Vessel Security and Safety Act of 2010, the Sec-
11 retary shall issue” and insert “The Secretary shall
12 maintain”.

13 (b) Section 3508 of title 46, United States Code, is
14 amended—

15 (1) in subsection (a), by striking “Within 1
16 year after the date of enactment of the Cruise Vessel
17 Security and Safety Act of 2010, the” and inserting
18 “The”, and by striking “develop” and inserting
19 “maintain”;

20 (2) in subsection (c), by striking “Beginning 2
21 years after the standards are established under sub-
22 section (b), no” and inserting “No”;

23 (3) by striking subsection (d) and redesignating
24 subsections (e) and (f) as subsections (d) and (e),
25 respectively; and

1 (4) in subsection (e), as redesignated by para-
2 graph (3), by striking “subsection (e)” each place it
3 appears and inserting “subsection (d)”.

4 **SEC. 3544. TANK VESSELS.**

5 (a) Section 3703a of title 46, United States Code,
6 is amended—

7 (1) in subsection (b), by striking paragraph (3)
8 and redesignating paragraphs (4), (5), and (6) as
9 paragraphs (3), (4), and (5), respectively;

10 (2) in subsection (c)(2)—

11 (A) by striking “that is delivered” and in-
12 serting “that was delivered”;

13 (B) by striking “that qualifies” and insert-
14 ing “that qualified”; and

15 (C) by striking “after January 1, 2015,”;
16 (3) in subsection (c)(3)—

17 (A) by striking “that is delivered” and in-
18 serting “that was delivered”; and

19 (B) by striking “that qualifies” and insert-
20 ing “that qualified”;

21 (4) by striking subsection (c)(3)(A) and insert-
22 ing the following:

23 “(A) in the case of a vessel of at least 5,000
24 gross tons but less than 15,000 gross tons as meas-
25 ured under section 14502, or an alternate tonnage

1 measured under section 14302 as prescribed by the
2 Secretary under section 14104, if the vessel is 25
3 years old or older and has a single hull, or is 30
4 years old or older and has a double bottom or double
5 sides;”;

6 (5) by striking subsection (c)(3)(B) and insert-
7 ing the following:

8 “(B) in the case of a vessel of at least 15,000
9 gross tons but less than 30,000 gross tons as meas-
10 ured under section 14502, or an alternate tonnage
11 measured under section 14302 as prescribed by the
12 Secretary under section 14104, if the vessel is 25
13 years old or older and has a single hull, or is 30
14 years old or older and has a double bottom or double
15 sides; and”;

16 (6) by striking subsection (c)(3)(C) and insert-
17 ing the following:

18 “(C) in the case of a vessel of at least 30,000
19 gross tons as measured under section 14502, or an
20 alternate tonnage measured under section 14302 as
21 prescribed by the Secretary under section 14104, if
22 the vessel is 23 years old or older and has a single
23 hull, or is 28 years old or older and has a double
24 bottom or double sides.”; and

25 (7) in subsection (e)—

1 (A) in paragraph (1), by striking “and ex-
2 cept as otherwise provided in paragraphs (2)
3 and (3) of this subsection”; and

4 (B) by striking paragraph (2) and redesign-
5 nating paragraph (3) as paragraph (2).

6 (b) Section 3705 of title 46, United States Code, is
7 amended—

8 (1) in subsection (b)—

9 (A) by striking paragraph (2);

10 (B) by striking “(1)”; and

11 (C) by redesignating subparagraphs (A)
12 and (B) as paragraphs (1) and (2), respectively;
13 and

14 (2) in subsection (c), by striking “before Janu-
15 ary 2, 1986, or the date on which the tanker reaches
16 15 years of age, whichever is later”.

17 (c) Section 3706(d) of title 46, United States Code,
18 is amended by striking “before January 2, 1986, or the
19 date on which it reaches 15 years of age, whichever is
20 later”.

21 (d) Section 1001(32)(A) of the Oil Pollution Act of
22 1990 (33 U.S.C. 2701(32)(A)) is amended by striking
23 “(other than a vessel described in section 3703a(b)(3) of
24 title 46, United States Code)”.

1 **SEC. 3545. GROUNDS FOR DENIAL OR REVOCATION.**

2 (a) Section 7503 of title 46, United States Code, is
3 amended to read as follows:

4 **“§ 7503. Dangerous drugs as grounds for denial**

5 “A license, certificate of registry, or merchant mari-
6 ner’s document authorized to be issued under this part
7 may be denied to an individual who—

8 “(1) within 10 years before applying for the li-
9 cense, certificate, or document, has been convicted of
10 violating a dangerous drug law of the United States
11 or of a State; or

12 “(2) when applying, has ever been a user of, or
13 addicted to, a dangerous drug unless the individual
14 provides satisfactory proof that the individual is
15 cured.”.

16 (b) Section 7704 of title 46, United States Code, is
17 amended by redesignating subsections (b) and (c) as sub-
18 sections (a) and (b), respectively.

19 **SEC. 3546. MISCELLANEOUS CORRECTIONS TO TITLE 46,**
20 **U.S.C.**

21 (a) Section 2110 of title 46, United States Code, is
22 amended by striking subsection (k).

23 (b) Section 2116(c) of title 46, United States Code,
24 is amended by striking “Beginning with fiscal year 2011
25 and each fiscal year thereafter, the” and inserting “The”.

1 (c) Section 3302(g)(2) of title 46, United States
2 Code, is amended by striking “After December 31, 1988,
3 this” and inserting “This”.

4 (d) Section 6101(j) of title 46, United States Code,
5 is amended by striking “, as soon as possible, and no later
6 than January 1, 2005,”.

7 (e) Section 7505 of title 46, United States Code, is
8 amended by striking “section 206(b)(7) of the National
9 Driver Register Act of 1982 (23 U.S.C. 401 note)” and
10 inserting “section 30305(b)(7) of title 49”.

11 (f) Section 7702(c)(1) of title 46, United States
12 Code, is amended by striking “section 206(b)(4) of the
13 National Driver Register Act of 1982 (23 U.S.C. 401
14 note)” and inserting “section 30305(b)(7) of title 49”.

15 (g) Section 8106(f) of title 46, United States Code,
16 is amended by striking paragraph (3) and inserting the
17 following:

18 “(3) CONTINUING VIOLATIONS.—The maximum
19 amount of a civil penalty for a violation under this
20 subsection shall be \$100,000.”.

21 (h) Section 8703 of title 46, United States Code, is
22 amended by redesignating subsection (c) as subsection (b).

23 (i) Section 11113 of title 46, United States Code, is
24 amended—

1 (1) in subsection (a)(4)(A) by striking “para-
2 graph (2)” and inserting “paragraph (3)”; and

3 (2) in subsection (c)(2)(B)—

4 (A) by striking “section 2(9)(a)” and in-
5 serting “section 2(a)(9)(A)”; and

6 (B) by striking “33 U.S.C. 1901(9)(a)”
7 and inserting “33 U.S.C. 1901(a)(9)(A)”.

8 (j) Section 12113(d)(2)(C)(iii) of title 46, United
9 States Code, is amended by striking “118 Stat. 2887)”
10 and inserting “118 Stat. 2887))”.

11 (k) Section 13107(c)(2) of title 46, United States
12 Code, is amended by striking “On and after October 1,
13 2016, no” and inserting “No”.

14 (l) Section 31322(a)(4)(B) of title 46, United States
15 Code, is amended by striking “state” and inserting
16 “State”.

17 (m) Section 52101(d) of title 46, United States Code,
18 is amended by striking “(50 App. U.S.C. 459(a))” and
19 inserting “(50 U.S.C. 3808(a))”.

20 (n) The analysis for chapter 531 of title 46, United
21 States Code, is amended by striking the item relating to
22 section 53109:

23 (o) Section 53106(a)(1) of title 46, United States
24 Code, is amended by striking subparagraphs (A), (B), (C),

1 and (D), and by redesignating subparagraphs (E), (F),
2 and (G) as subparagraphs (A), (B), and (C), respectively.

3 (p) Section 53111 of title 46, United States Code,
4 is amended by striking paragraphs (1) through (4), and
5 by redesignating paragraphs (5), (6), and (7) as para-
6 graphs (1), (2), and (3), respectively.

7 (q) Section 53501 of title 46, United States Code,
8 is amended—

9 (1) in paragraph (5)(A)(iii), by striking “trans-
10 portation trade trade or” and inserting “transpor-
11 tation trade or”;

12 (2) by redesignating paragraph (8) as para-
13 graph (9);

14 (3) by striking the second paragraph (7) (relat-
15 ing to the definition of “United States foreign
16 trade”); and

17 (4) by inserting after the first paragraph (7)
18 the following:

19 “(8) UNITED STATES FOREIGN TRADE.—The
20 term ‘United States foreign trade’ includes those
21 areas in domestic trade in which a vessel built with
22 a construction-differential subsidy is allowed to oper-
23 ate under the first sentence of section 506 of the
24 Merchant Marine Act, 1936.”.

1 (r) Section 54101(f) of title 46, United States Code,
2 is amended by striking paragraph (2) and inserting the
3 following:

4 “(2) MINIMUM STANDARDS FOR PAYMENT OR
5 REIMBURSEMENT.—Each application submitted
6 under paragraph (1) shall include a comprehensive
7 description of—

8 “(A) the need for the project;

9 “(B) the methodology for implementing the
10 project; and

11 “(C) any existing programs or arrange-
12 ments that can be used to supplement or lever-
13 age assistance under the program.”.

14 (s) Section 55305(d)(2)(D) of title 46, United States
15 Code, is amended by striking “421(c)(1)” and inserting
16 “1303(a)(1))”.

17 (t) The analysis for chapter 575 of title 46, United
18 States Code, is amended in the item relating to section
19 57533 by adding a period at the end.

20 (u) Section 57532(d) of title 46, United States Code,
21 is amended by striking “(50 App. U.S.C. 1291(a), (c),
22 1293(c), 1294)” and inserting “(50 U.S.C. 4701(a), (c),
23 4703(c), and 4704)”.

1 (v) Section 60303(c) of title 46, United States Code,
2 is amended in by striking “Subsection (a) section does”
3 and inserting “Subsection (a) does”.

4 **SEC. 3547. MISCELLANEOUS CORRECTIONS TO OIL POLLU-**
5 **TION ACT OF 1990.**

6 (a) Section 2 of the Oil Pollution Act of 1990 (33
7 U.S.C. 2701 note) is amended by—

8 (1) inserting after the item relating to section
9 5007 the following:

“Sec. 5008. North Pacific Marine Research Institute.”.

10 (2) striking the item relating to section 6003.

11 (b) Section 1003(d)(5) of the Oil Pollution Act of
12 1990 (33 U.S.C. 2703(d)(5)) is amended by inserting
13 “section” before “1002(a)”.

14 (c) Section 1004(d)(2)(C) of the Oil Pollution Act of
15 1990 (33 U.S.C. 2704(d)(2)(C)) is amended by striking
16 “under this subparagraph (A)” and inserting “under sub-
17 paragraph (A)”.

18 (d) Section 4303 of the Oil Pollution Act of 1990 (33
19 U.S.C. 2716a) is amended—

20 (1) in subsection (a), by striking “subsection
21 (c)(2)” and inserting “subsection (b)(2)”; and

22 (2) in subsection (b), by striking “this section
23 1016” and inserting “section 1016”.

24 (e) Section 5002(l)(2) of the Oil Pollution Act of
25 1990 (33 U.S.C. 2732(l)(2)) is amended by striking “Gen-

1 eral Accounting Office” and inserting “Government Ac-
2 countability Office”.

3 **SEC. 3548. MISCELLANEOUS CORRECTIONS.**

4 (a) Section 1 of the Act of June 15, 1917 (chapter
5 30; 50 U.S.C. 191), is amended by striking “the Secretary
6 of the Treasury” and inserting “the Secretary of the de-
7 partment in which the Coast Guard is operating”.

8 (b) Section 5(b) of the Act entitled “An Act to regu-
9 late the construction of bridges over navigable waters”,
10 approved March 23, 1906, popularly known as the Bridge
11 Act of 1906 (chapter 1130; 33 U.S.C. 495(b)), is amended
12 by striking “\$5,000 for a violation occurring in 2004;
13 \$10,000 for a violation occurring in 2005; \$15,000 for a
14 violation occurring in 2006; \$20,000 for a violation occur-
15 ring in 2007; and”.

16 (c) Section 5(f) of the Act to Prevent Pollution from
17 Ships (33 U.S.C. 1904(f)) is amended to read as follows:

18 “(f) SHIP CLEARANCE; REFUSAL OR REVOCATION.—
19 If a ship is under a detention order under this section,
20 the Secretary may refuse or revoke the clearance required
21 by section 60105 of title 46, United States Code.”.

1 DIVISION D—FUNDING TABLES

2 SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-
3 BLES.

(a) IN GENERAL.—Whenever a funding table in this division specifies a dollar amount authorized for a project, program, or activity, the obligation and expenditure of the specified dollar amount for the project, program, or activity is hereby authorized, subject to the availability of appropriations.

(b) MERIT-BASED DECISIONS.—A decision to com-

mit, obligate, or expend funds with or to a specific entity

on the basis of a dollar amount authorized pursuant to

subsection (a) shall—

(1) be based on merit-based selection procedures in accordance with the requirements of sections 2304(k) and 2374 of title 10, United States Code, or on competitive procedures; and

18 (2) comply with other applicable provisions of
19 law.

(c) RELATIONSHIP TO TRANSFER AND PROGRAMMING AUTHORITY.—An amount specified in the funding tables in this division may be transferred or reprogrammed under a transfer or reprogramming authority provided by another provision of this Act or by other law. The transfer or reprogramming of an amount specified in

1 such funding tables shall not count against a ceiling on
 2 such transfers or reprogrammings under section 1001 or
 3 section 1512 of this Act or any other provision of law,
 4 unless such transfer or reprogramming would move funds
 5 between appropriation accounts.

6 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This
 7 section applies to any classified annex that accompanies
 8 this Act.

9 (e) ORAL AND WRITTEN COMMUNICATIONS.—No
 10 oral or written communication concerning any amount
 11 specified in the funding tables in this division shall super-
 12 sede the requirements of this section.

13 TITLE XLI—PROCUREMENT

14 SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
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
ROTARY			
007	AH-64 APACHE BLOCK IIIA REMAN	753,248	753,248
008	ADVANCE PROCUREMENT (CY)	174,550	174,550
009	AH-64 APACHE BLOCK IIIB 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
MODIFICATION OF AIRCRAFT			
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

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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]
	GROUND SUPPORT AVIONICS		
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
	OTHER SUPPORT		
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
	TOTAL AIRCRAFT PROCUREMENT, ARMY	3,782,558	4,005,828
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
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
	AIR-TO-SURFACE MISSILE SYSTEM		
006	JOINT AIR-TO-GROUND MSLs (JAGM)	276,462	248,862
	Unit cost and engineering services cost growth		[-27,600]
	ANTI-TANK/ASSAULT MISSILE SYS		
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
	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]
	MODIFICATIONS		
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
	SPARES AND REPAIR PARTS		
023	SPARES AND REPAIR PARTS	27,737	27,737
	SUPPORT EQUIPMENT & FACILITIES		
024	AIR DEFENSE TARGETS	6,417	6,417
025	PRODUCTION BASE SUPPORT	1,202	1,202
	TOTAL MISSILE PROCUREMENT, ARMY	3,355,777	3,850,115
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
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]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
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

1000

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	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	152,854
	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]
	WEAPONS & OTHER COMBAT VEHICLES		
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
	MOD OF WEAPONS AND OTHER COMBAT VEH		
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
	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
	SUPPORT EQUIPMENT & FACILITIES		
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
	TOTAL PROCUREMENT OF W&TCV, ARMY	4,489,118	5,857,639
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
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
	MORTAR AMMUNITION		
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
	TANK AMMUNITION		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	168,101	168,101
	ARTILLERY AMMUNITION		
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]

1001

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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]
	MINES		
017	MINES & CLEARING CHARGES, ALL TYPES	15,905	15,905
	ROCKETS		
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]
	OTHER AMMUNITION		
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
	MISCELLANEOUS		
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
	PRODUCTION BASE SUPPORT		
032	INDUSTRIAL FACILITIES	394,133	394,133
033	CONVENTIONAL MUNITIONS DEMILITARIZATION	157,535	157,535
034	ARMS INITIATIVE	3,771	3,771
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	2,234,761	2,484,422
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
001	TACTICAL TRAILERS/DOLLY SETS	16,512	16,512
002	SEMITRAILERS, FLATBED:	16,951	24,951
	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]
	NON-TACTICAL VEHICLES		
016	HEAVY ARMORED VEHICLE	790	790
017	PASSENGER CARRYING VEHICLES	1,390	1,390
018	NONTACTICAL VEHICLES, OTHER	15,415	15,415
	COMM—JOINT COMMUNICATIONS		
020	SIGNAL MODERNIZATION PROGRAM	150,777	150,777
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	469,117	533,117
	Additional TCN-L, NOSCL, 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
	COMM—SATELLITE COMMUNICATIONS		
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

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	COMM—C3 SYSTEM		
036	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	20,500	20,500
	COMM—COMBAT COMMUNICATIONS		
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
	COMM—INTELLIGENCE COMM		
050	CI AUTOMATION ARCHITECTURE (MIP)	9,740	9,740
051	DEFENSE MILITARY DECEPTION INITIATIVE	2,667	2,667
	INFORMATION SECURITY		
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
	COMM—LONG HAUL COMMUNICATIONS		
059	BASE SUPPORT COMMUNICATIONS	34,434	34,434
	COMM—BASE COMMUNICATIONS		
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]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
066	JTT/CIBS-M (MIP)	10,268	10,268
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
	Realignment of EDI APS Unit Set from OCO to Base		[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
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
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
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
084	SENTINEL MODS	79,629	79,629
085	NIGHT VISION DEVICES	153,180	153,266
	Realignment of EDI APS Unit Set from OCO to Base		[86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM		2,861
	Realignment of EDI APS Unit Set from OCO to Base		[2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	22,882	22,882
088	RADIATION MONITORING SYSTEMS	17,393	17,404
	Realignment of EDI APS Unit Set from OCO to Base		[11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	46,740	47,002
	Realignment of EDI APS Unit Set from OCO to Base		[262]
091	FAMILY OF WEAPON SIGHTS (FWS)	140,737	131,962
	Realignment of EDI APS Unit Set from OCO to Base		[525]
	Unexecutable funds		[-9,300]
093	PROFILER	171	171
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	405,239	431,385
	Realignment of EDI APS Unit Set from OCO to Base		[26,146]
095	JOINT EFFECTS TARGETING SYSTEM (JETS)	66,574	66,574
096	MOD OF IN-SVC EQUIP (LLDR)	20,783	24,833
	Realignment of EDI APS Unit Set from OCO to Base		[4,050]
097	COMPUTER BALLISTICS: LHMBC XM32	8,553	8,553
098	MORTAR FIRE CONTROL SYSTEM	21,489	21,489
099	COUNTERFIRE RADARS	162,121	162,121
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
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

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	ELECT EQUIP—AUTOMATION		
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
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)		
117	TACTICAL DIGITAL MEDIA	4,392	4,392
118	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	1,970	1,970
	ELECT EQUIP—SUPPORT		
119	PRODUCTION BASE SUPPORT (C-E)	506	506
	CLASSIFIED PROGRAMS		
120A	CLASSIFIED PROGRAMS	4,501	4,501
	CHEMICAL DEFENSIVE EQUIPMENT		
121	PROTECTIVE SYSTEMS	2,314	2,341
	Realignment of EDI APS Unit Set from OCO to Base		[27]
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	7,478	7,478
124	CBRN DEFENSE	173,954	174,271
	Realignment of EDI APS Unit Set from OCO to Base		[317]
	BRIDGING EQUIPMENT		
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
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
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
	Realignment of EDI APS Unit Set from OCO to Base		[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
134	ROBOTICS AND APPLIQUE SYSTEMS	31,456	31,456
136	REMOTE DEMOLITION SYSTEMS	1,748	1,749
	Realignment of EDI APS Unit Set from OCO to Base		[1]
137	< \$5M, COUNTERMINE EQUIPMENT	7,829	7,829
138	FAMILY OF BOATS AND MOTORS	5,806	5,806
	COMBAT SERVICE SUPPORT EQUIPMENT		
139	HEATERS AND ECUS	9,852	9,852
140	SOLDIER ENHANCEMENT	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
	PETROLEUM EQUIPMENT		
149	QUALITY SURVEILLANCE EQUIPMENT	1,770	1,770
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	39,730	39,730
	MEDICAL EQUIPMENT		
151	COMBAT SUPPORT MEDICAL	57,752	77,752
	Simulators and other technologies to reduce the use of live animal tissue for medical training.		[20,000]
	MAINTENANCE EQUIPMENT		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	37,722	37,722
153	ITEMS LESS THAN \$5.0M (MAINT EQ)	4,985	5,253
	Realignment of EDI APS Unit Set from OCO to Base		[268]
	CONSTRUCTION EQUIPMENT		
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
	Program increase—additional ERACC systems		[7,500]
161	CONST EQUIP ESP	37,017	37,017
162	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,103	6,103
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
163	ARMY WATERCRAFT ESP	27,711	27,711
164	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	8,385	8,385
	GENERATORS		
165	GENERATORS AND ASSOCIATED EQUIP	133,772	133,772

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
166	TACTICAL ELECTRIC POWER RECAPITALIZATION	8,333	8,333
	MATERIAL HANDLING EQUIPMENT		
167	FAMILY OF FORKLIFTS	12,901	12,901
	TRAINING EQUIPMENT		
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
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
173	CALIBRATION SETS EQUIPMENT	4,270	4,270
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	76,295	85,790
	Realignment of EDI APS Unit Set from OCO to Base		[9,495]
175	TEST EQUIPMENT MODERNIZATION (TEMOD)	9,806	9,806
	OTHER SUPPORT EQUIPMENT		
176	M25 STABILIZED BINOCULAR	4,368	4,401
	Realignment of EDI APS Unit Set from OCO to Base		[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
	OPA2		
184	INITIAL SPARES—C&E	9,817	9,817
	TOTAL OTHER PROCUREMENT, ARMY	7,999,529	8,410,454
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
001	F/A-18E/F (FIGHTER) HORNET	1,937,553	1,907,553
	Excess NRE and Support Costs		[−30,000]
002	ADVANCE PROCUREMENT (CY)	58,799	58,799
003	JOINT STRIKE FIGHTER CV	1,144,958	1,132,058
	Production Efficiencies		[−12,900]
004	ADVANCE PROCUREMENT (CY)	140,010	140,010
005	JSP STOVL	2,312,847	2,276,547
	Production Efficiencies		[−36,300]
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
	AIRLIFT AIRCRAFT		
018	C-40A	206,000	0
	Forward financed in the FY18 Omnibus		[−206,000]
	OTHER AIRCRAFT		
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
	MODIFICATION OF AIRCRAFT		
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

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SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
035	P-3 SERIES	803	803
036	E-2 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
	AIRCRAFT SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	1,792,920	1,832,920
	F-35B Spares		[40,000]
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
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
068	OTHER PRODUCTION CHARGES	1,444	1,444
069	SPECIAL SUPPORT EQUIPMENT	49,489	49,489
070	FIRST DESTINATION TRANSPORTATION	1,951	1,951
	TOTAL AIRCRAFT PROCUREMENT, NAVY	19,041,799	18,713,849
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,078,750	1,078,750
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	6,998	6,998
	STRATEGIC MISSILES		
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]
	TACTICAL MISSILES		
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
	MODIFICATION OF MISSILES		
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
	SUPPORT EQUIPMENT & FACILITIES		
023	WEAPONS INDUSTRIAL FACILITIES	2,006	2,006
024	FLEET SATELLITE COMM FOLLOW-ON	66,779	66,779

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SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
ORDNANCE SUPPORT EQUIPMENT			
025	ORDNANCE SUPPORT EQUIPMENT	62,008	62,008
TORPEDOES AND RELATED EQUIP			
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
MOD OF TORPEDOES AND RELATED EQUIP			
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
SUPPORT EQUIPMENT			
032	TORPEDO SUPPORT EQUIPMENT	79,371	79,371
033	ASW RANGE SUPPORT	3,872	3,872
DESTINATION TRANSPORTATION			
034	FIRST DESTINATION TRANSPORTATION	3,726	3,726
GUNS AND GUN MOUNTS			
035	SMALL ARMS AND WEAPONS	15,067	15,067
MODIFICATION OF GUNS AND GUN MOUNTS			
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
SPARES AND REPAIR PARTS			
043	SPARES AND REPAIR PARTS	135,688	130,688
	Unjustified program cost growth		[-5,000]
	TOTAL WEAPONS PROCUREMENT, NAVY	3,702,393	3,877,593
PROCUREMENT OF AMMO, NAVY & MC			
NAVY AMMUNITION			
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
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
MARINE CORPS AMMUNITION			
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
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	1,006,209	1,006,209
SHIPBUILDING AND CONVERSION, NAVY			
FLEET BALLISTIC MISSILE SHIPS			
001	ADVANCE PROCUREMENT (CY)	3,005,330	3,088,030
	Accelerated Advance Procurement		[150,000]
	Forward financed in the FY18 Omnibus for the foundry propeller center		[-19,000]
	Ordinance Early to Need		[-48,300]
OTHER WARSHIPS			
002	CARRIER REPLACEMENT PROGRAM	1,598,181	1,549,081
	Authorize CVN81—One ship		
	Excess change order rate		[-49,100]
004	VIRGINIA CLASS SUBMARINE	4,373,382	5,311,382
	EOQ AP for submarine in FY 2022 and 2023		[1,003,000]
	Excess change order rate		[-20,000]
	Forward financed in the FY18 Omnibus		[-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
	DDG Flight III Multiyear Procurement Savings		[-150,000]
	Excessive Basic Construction Unit Cost Growth		[-162,000]

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SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
010	ADVANCE PROCUREMENT (CY)	391,928	391,928
011	LITTORAL COMBAT SHIP	646,244	1,596,244
	Program Increase—Two ships		[950,000]
	AMPHIBIOUS SHIPS		
012A	ADVANCE PROCUREMENT (CY)		150,000
	EOQ for LPD Flight II Multi-year Procurement		[150,000]
013	EXPEDITIONARY SEA BASE (ESB)	650,000	630,000
	Accelerated contracts learning curve		[–20,000]
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
016	TAO FLEET OILER	977,104	957,104
	Accelerated contracts learning curve		[–20,000]
017	ADVANCE PROCUREMENT (CY)	75,046	75,046
018	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	80,517	75,517
	Accelerated contracts learning curve		[–5,000]
020	LCU 1700	41,520	41,520
021	OUTFITTING	634,038	589,038
	Outfitting and Post Delivery early to need		[–45,000]
022	SHIP TO SHORE CONNECTOR	325,375	507,875
	Program Increase—Three vessels		[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
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	21,871,437	23,723,537
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
001	SURFACE POWER EQUIPMENT	19,700	19,700
	GENERATORS		
003	SURFACE COMBATANT HM&E	23,495	23,495
	NAVIGATION EQUIPMENT		
004	OTHER NAVIGATION EQUIPMENT	63,330	63,330
	OTHER SHIPBOARD EQUIPMENT		
005	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	178,421	178,421
006	DDG MOD	487,999	591,199
	AWS Installation Unit Cost Growth		[–4,800]
	Navy Unfunded Requirement		[43,000]
	Program Increase—One additional Combat System		[65,000]
007	FIREFIGHTING EQUIPMENT	28,143	28,143
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	2,966
024	SUBMARINE LIFE SUPPORT SYSTEM	11,968	11,968
	REACTOR PLANT EQUIPMENT		
025	REACTOR POWER UNITS	346,325	0
	Early to need		[–346,325]
026	REACTOR COMPONENTS	497,063	497,063
	OCEAN ENGINEERING		
027	DIVING AND SALVAGE EQUIPMENT	10,706	10,706
	SMALL BOATS		
028	STANDARD BOATS	49,771	49,771
	PRODUCTION FACILITIES EQUIPMENT		
029	OPERATING FORCES IPE	225,181	225,181
	OTHER SHIP SUPPORT		
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
	LOGISTIC SUPPORT		
036	LSD MIDLIFE & MODERNIZATION	4,784	4,784
	SHIP SONARS		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	ASW ELECTRONIC EQUIPMENT		
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]
	ELECTRONIC WARFARE EQUIPMENT		
045	AN/SLQ-32	420,344	397,244
	Excess Ship Installation Unit Cost Growth		[-23,100]
	RECONNAISSANCE EQUIPMENT		
046	SHIPBOARD IW EXPLOIT	220,883	220,883
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)	4,028	4,028
	OTHER SHIP ELECTRONIC EQUIPMENT		
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
	AVIATION ELECTRONIC EQUIPMENT		
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
	OTHER SHORE ELECTRONIC EQUIPMENT		
062	TACTICAL/MOBILE C4I SYSTEMS	42,010	42,010
063	DCGS-N	12,896	12,896
064	CANES	423,027	423,027
065	RADLAC	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
	SHIPBOARD COMMUNICATIONS		
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
	SUBMARINE COMMUNICATIONS		
075	SUBMARINE BROADCAST SUPPORT	30,897	30,897
076	SUBMARINE COMMUNICATION EQUIPMENT	78,580	78,580
	SATELLITE COMMUNICATIONS		
077	SATELLITE COMMUNICATIONS SYSTEMS	41,205	41,205
078	NAVY MULTIBAND TERMINAL (NMT)	113,885	113,885
	SHORE COMMUNICATIONS		
079	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,292	4,292
	CRYPTOGRAPHIC EQUIPMENT		
080	INFO SYSTEMS SECURITY PROGRAM (ISSP)	153,526	153,526
081	MIO INTEL EXPLOITATION TEAM	951	951
	CRYPTOLOGIC EQUIPMENT		
082	CRYPTOLOGIC COMMUNICATIONS EQUIP	14,209	14,209
	OTHER ELECTRONIC SUPPORT		
086	COAST GUARD EQUIPMENT	40,713	40,713
	SONOBUOYS		
088	SONOBUOYS—ALL TYPES	177,891	216,191
	Navy Unfunded Requirement		[38,300]
	AIRCRAFT SUPPORT EQUIPMENT		
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
	SHIP GUN SYSTEM EQUIPMENT		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
098	SHIP GUN SYSTEMS EQUIPMENT	5,337	5,337
	SHIP MISSILE SYSTEMS EQUIPMENT		
099	SHIP MISSILE SUPPORT EQUIPMENT	213,090	208,090
	Unjustified Stalker Growth		[-5,000]
100	TOMAHAWK SUPPORT EQUIPMENT	92,890	92,890
	FBM SUPPORT EQUIPMENT		
101	STRATEGIC MISSILE SYSTEMS EQUIP	271,817	271,817
	ASW SUPPORT EQUIPMENT		
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
	OTHER ORDNANCE SUPPORT EQUIPMENT		
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	14,258	14,258
105	ITEMS LESS THAN \$5 MILLION	5,378	5,378
	OTHER EXPENDABLE ORDNANCE		
106	SUBMARINE TRAINING DEVICE MODS	65,543	65,543
107	SURFACE TRAINING EQUIPMENT	230,425	230,425
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
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
	SUPPLY SUPPORT EQUIPMENT		
117	SUPPLY EQUIPMENT	18,786	18,786
118	FIRST DESTINATION TRANSPORTATION	5,375	5,375
119	SPECIAL PURPOSE SUPPLY SYSTEMS	580,371	580,371
	TRAINING DEVICES		
120	TRAINING SUPPORT EQUIPMENT	3,400	3,400
121	TRAINING AND EDUCATION EQUIPMENT	24,283	22,183
	Excess Production Support		[-2,100]
	COMMAND SUPPORT EQUIPMENT		
122	COMMAND SUPPORT EQUIPMENT	66,681	66,681
123	MEDICAL SUPPORT EQUIPMENT	3,352	3,352
125	NAVAL MIP SUPPORT EQUIPMENT	1,984	1,984
126	OPERATING FORCES SUPPORT EQUIPMENT	15,131	15,131
127	C4ISR 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
	OTHER		
133	NEXT GENERATION ENTERPRISE SERVICE	96,269	96,269
	CLASSIFIED PROGRAMS		
133A	CLASSIFIED PROGRAMS	15,681	15,681
	SPARES AND REPAIR PARTS		
134	SPARES AND REPAIR PARTS	326,838	326,838
	TOTAL OTHER PROCUREMENT, NAVY	9,414,355	9,037,030
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
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
	ARTILLERY AND OTHER WEAPONS		
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
	OTHER SUPPORT		
008	MODIFICATION KITS	22,904	22,904
	GUIDED MISSILES		
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
	COMMAND AND CONTROL SYSTEMS		
013	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C	35,467	35,467
	REPAIR AND TEST EQUIPMENT		
014	REPAIR AND TEST EQUIPMENT	46,081	41,481
	Program Reduction		[-4,600]
	OTHER SUPPORT (TEL)		
015	MODIFICATION KITS	971	971
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
016	ITEMS UNDER \$5 MILLION (COMM & ELEC)	69,203	62,203

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	Program Reduction		[-7,000]
017	AIR OPERATIONS C2 SYSTEMS	14,269	14,269
	RADAR + EQUIPMENT (NON-TEL)		
018	RADAR SYSTEMS	6,694	6,694
019	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	224,969	224,969
	INTELL/COMM EQUIPMENT (NON-TEL)		
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 TSCS Inc 1		[-6,000]
025	UNMANNED AIR SYSTEMS (INTEL)	3,848	3,848
026	DCGS-MC	16,081	16,081
	OTHER SUPPORT (NON-TEL)		
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
	CLASSIFIED PROGRAMS		
035A	CLASSIFIED PROGRAMS	3,626	3,626
	ADMINISTRATIVE VEHICLES		
036	COMMERCIAL CARGO VEHICLES	25,441	25,441
	TACTICAL VEHICLES		
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
	ENGINEER AND OTHER EQUIPMENT		
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
	MATERIALS HANDLING EQUIPMENT		
046	PHYSICAL SECURITY EQUIPMENT	28,306	28,306
	GENERAL PROPERTY		
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
	OTHER SUPPORT		
051	ITEMS LESS THAN \$5 MILLION	11,608	11,608
	SPARES AND REPAIR PARTS		
053	SPARES AND REPAIR PARTS	25,804	25,804
	TOTAL PROCUREMENT, MARINE CORPS	2,860,410	2,880,310
	AIRCRAFT PROCUREMENT, AIR FORCE		
	TACTICAL FORCES		
001	F-35	4,261,021	4,177,681
	Production Efficiencies		[-83,340]
002	ADVANCE PROCUREMENT (CY)	406,000	406,000
	OTHER COMBAT AIRCRAFT		
003	C-135B	222,176	0
	Ahead of need		[-222,176]
	TACTICAL AIRLIFT		
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]
	OTHER AIRLIFT		
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
	HELICOPTERS		
012	COMBAT RESCUE HELICOPTER	680,201	680,201
	MISSION SUPPORT AIRCRAFT		
014	CIVIL AIR PATROL A/C	2,719	2,719
	OTHER AIRCRAFT		
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]
	STRATEGIC AIRCRAFT		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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]
	TACTICAL AIRCRAFT		
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
	AIRLIFT AIRCRAFT		
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
	TRAINER AIRCRAFT		
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
	OTHER AIRCRAFT		
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 propeller upgrade (88 kits)		[55,000]
	Program Increase--engine enhancement program (88 kits)		[74,000]
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
	AIRCRAFT SPARES AND REPAIR PARTS		
072	INITIAL SPARES/REPAIR PARTS	956,408	1,016,408
	F-35A Spares		[60,000]
	COMMON SUPPORT EQUIPMENT		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP	81,241	81,241
	POST PRODUCTION SUPPORT		
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]
	INDUSTRIAL PREPAREDNESS		
088	INDUSTRIAL RESPONSIVENESS	17,378	17,378
	WAR CONSUMABLES		
090	WAR CONSUMABLES	29,342	29,342

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
OTHER PRODUCTION CHARGES			
091	OTHER PRODUCTION CHARGES	1,502,386	1,393,386
	Classified program adjustment		[-109,000]
CLASSIFIED PROGRAMS			
095	CLASSIFIED PROGRAMS	28,278	28,278
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	16,206,937	15,533,421
MISSILE PROCUREMENT, AIR FORCE			
MISSILE REPLACEMENT EQUIPMENT—BALLISTIC			
001	MISSILE REPLACEMENT EQ-BALLISTIC	36,786	36,786
TACTICAL			
002	JOINT AIR-SURFACE STANDOFF MISSILE	430,708	430,708
003	LRASM0	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
INDUSTRIAL FACILITIES			
009	INDUSTRL PREPAREDNS/POL PREVENTION	787	787
CLASS IV			
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
MISSILE SPARES AND REPAIR PARTS			
016	REPLEN SPARES/REPAIR PARTS	97,481	97,481
SPECIAL PROGRAMS			
018	SPECIAL UPDATE PROGRAMS	188,539	188,539
CLASSIFIED PROGRAMS			
019	CLASSIFIED PROGRAMS	895,183	895,183
	TOTAL MISSILE PROCUREMENT, AIR FORCE	2,669,454	2,669,454
SPACE PROCUREMENT, AIR FORCE			
SPACE PROGRAMS			
001	ADVANCED EHF	29,829	29,829
002	AF SATELLITE COMM SYSTEM	35,400	35,400
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
SSPARES			
022	SPARES AND REPAIR PARTS	21,812	21,812
	TOTAL SPACE PROCUREMENT, AIR FORCE	2,527,542	2,532,542
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
001	ROCKETS	345,911	345,911
CARTRIDGES			
002	CARTRIDGES	163,840	163,840
BOMBS			
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
OTHER ITEMS			
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

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	FLARES		
015	FLARES	125,286	125,286
	FUZES		
016	FUZES	109,358	109,358
	SMALL ARMS		
017	SMALL ARMS	64,502	59,502
	Program decrease		[-5,000]
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	1,587,304	1,582,304
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	6,949	3,449
	Forward financed in the FY18 Omnibus		[-3,500]
	CARGO AND UTILITY VEHICLES		
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]
	SPECIAL PURPOSE VEHICLES		
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]
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	23,328	23,328
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	11,537	11,537
	BASE MAINTENANCE SUPPORT		
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]
	COMM SECURITY EQUIPMENT(COMSEC)		
012	COMSEC EQUIPMENT	114,372	114,372
	INTELLIGENCE PROGRAMS		
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
	ELECTRONICS PROGRAMS		
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
	SPCL COMM-ELECTRONICS PROJECTS		
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
	AIR FORCE COMMUNICATIONS		
041	BASE INFORMATION TRANSPRT 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
	ORGANIZATION AND BASE		
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
	MODIFICATIONS		
050	COMM ELECT MODS	10,654	10,654
	PERSONAL SAFETY & RESCUE EQUIP		
051	PERSONAL SAFETY AND RESCUE EQUIPMENT	51,906	51,906
	DEPOT PLANT+MTRLS HANDLING EQ		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
052	MECHANIZED MATERIAL HANDLING EQUIP	88,298	80,798
	Program reduction		[-7,500]
	BASE SUPPORT EQUIPMENT		
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]
	SPECIAL SUPPORT PROJECTS		
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
	CLASSIFIED PROGRAMS		
062	CLASSIFIED PROGRAMS	17,258,069	17,258,069
	SPARES AND REPAIR PARTS		
063	SPARES AND REPAIR PARTS	86,365	86,365
	TOTAL OTHER PROCUREMENT, AIR FORCE	20,890,164	20,654,914
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, OSD		
043	MAJOR EQUIPMENT, OSD	35,295	35,295
	MAJOR EQUIPMENT, NSA		
042	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,403	5,403
	MAJOR EQUIPMENT, WHS		
046	MAJOR EQUIPMENT, WHS	497	497
	MAJOR EQUIPMENT, DISA		
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
016	JOINT SERVICE PROVIDER	107,182	107,182
	MAJOR EQUIPMENT, DLA		
018	MAJOR EQUIPMENT	5,225	5,225
	MAJOR EQUIPMENT, DSS		
021	MAJOR EQUIPMENT	1,196	1,196
	MAJOR EQUIPMENT, DCAA		
001	ITEMS LESS THAN \$5 MILLION	2,542	2,542
	MAJOR EQUIPMENT, TJS		
044	MAJOR EQUIPMENT, TJS	4,360	4,360
045	MAJOR EQUIPMENT, TJS—CE2T2	904	904
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
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
	MAJOR EQUIPMENT, DHRA		
003	PERSONNEL ADMINISTRATION	10,630	10,630
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
023	VEHICLES	207	207
024	OTHER MAJOR EQUIPMENT	5,592	5,592
	MAJOR EQUIPMENT, DODEA		
020	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,723	1,723
	MAJOR EQUIPMENT, DCMA		
002	MAJOR EQUIPMENT	3,873	3,873
	MAJOR EQUIPMENT, DMACT		
019	MAJOR EQUIPMENT	13,106	13,106
	CLASSIFIED PROGRAMS		
046A	CLASSIFIED PROGRAMS	589,691	589,691
	AVIATION PROGRAMS		
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

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	SHIPBUILDING		
060	UNDERWATER SYSTEMS	136,723	136,723
	AMMUNITION PROGRAMS		
061	ORDNANCE ITEMS <\$5M	357,742	357,742
	OTHER PROCUREMENT PROGRAMS		
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
	CBDP		
074	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	166,418	153,618
	Program decrease		[-12,800]
075	CB PROTECTION & HAZARD MITIGATION	144,519	144,519
	TOTAL PROCUREMENT, DEFENSE-WIDE	6,786,271	6,768,271
	JOINT URGENT OPERATIONAL NEEDS FUND		
	JOINT URGENT OPERATIONAL NEEDS FUND		
001	JOINT URGENT OPERATIONAL NEEDS FUND	100,025	0
	Program decrease		[-100,025]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND	100,025	0
	TOTAL PROCUREMENT	130,526,043	133,587,892

1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY

2 OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	FIXED WING		
003	MQ-1 UAV	60,000	60,000
	ROTARY		
011	UH-60 BLACKHAWK M MODEL (MYP)	21,246	21,246
014	CH-47 HELICOPTER	25,000	25,000
	MODIFICATION OF AIRCRAFT		
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]
	GROUND SUPPORT AVIONICS		
036	CMWS	84,387	84,387
037	COMMON INFRARED COUNTERMEASURES (CIRCM)	24,060	24,060
	TOTAL AIRCRAFT PROCUREMENT, ARMY	363,363	309,093
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
002	MSE MISSILE	260,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[-260,000]
	AIR-TO-SURFACE MISSILE SYSTEM		
005	HELLFIRE SYS SUMMARY	255,040	255,040
	ANTI-TANK/ASSAULT MISSILE SYS		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	31,120	17,320
	Realignment of EDI APS Unit Set from OCO to Base		[-13,800]

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	MODIFICATIONS		
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]
	TOTAL MISSILE PROCUREMENT, ARMY	1,802,351	1,155,413
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
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]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
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]
	WEAPONS & OTHER COMBAT VEHICLES		
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]
	MOD OF WEAPONS AND OTHER COMBAT VEH		
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]
	SUPPORT EQUIPMENT & FACILITIES		
039	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	1,397	0
	Realignment of EDI APS Unit Set from OCO to Base		[-1,397]
	TOTAL PROCUREMENT OF W&TCV, ARMY	1,107,183	11,662
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
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]
	MORTAR AMMUNITION		
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]
	ARTILLERY AMMUNITION		
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]
	ROCKETS		
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
	OTHER AMMUNITION		
021	DEMOLITION MUNITIONS, ALL TYPES	5	0

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	Realignment of EDI APS Unit Set from OCO to Base		[-5]
022	GRENADERS, ALL TYPES	8	0
	Realignment of EDI APS Unit Set from OCO to Base		[-8]
	MISCELLANEOUS		
027	ITEMS LESS THAN \$5 MILLION (AMMO)	66	0
	Realignment of EDI APS Unit Set from OCO to Base		[-66]
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	309,525	97,864
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
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]
	COMM—SATELLITE COMMUNICATIONS		
028	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	7,100	7,100
	COMM—COMBAT COMMUNICATIONS		
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]
	COMM—INTELLIGENCE COMM		
050	CI AUTOMATION ARCHITECTURE (MIP)	9,800	9,800
	INFORMATION SECURITY		
055	COMMUNICATIONS SECURITY (COMSEC)	3	0
	Realignment of EDI APS Unit Set from OCO to Base		[-3]
	COMM—LONG HAUL COMMUNICATIONS		
059	BASE SUPPORT COMMUNICATIONS	690	690
	COMM—BASE COMMUNICATIONS		
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]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
068	DCGS-A (MIP)	37,806	37,806
070	TROJAN (MIP)	6,926	6,326
	Realignment of EDI APS Unit Set from OCO to Base		[-600]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	2,011	2,011
075	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	5,370	5,370
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
080	CREW	42,651	42,651
081	FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP)	20,050	25,450
	SOUTHCOM UFR: CENTAM Maritime Sensor		[3,600]
	SOUTHCOM UFR: SIGINT Suite COMSAT RF		[1,800]
082	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	12,974	12,974
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
085	NIGHT VISION DEVICES	463	377
	Realignment of EDI APS Unit Set from OCO to Base		[-86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM	2,861	0
	Realignment of EDI APS Unit Set from OCO to Base		[-2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	60	60
088	RADIATION MONITORING SYSTEMS	11	0
	Realignment of EDI APS Unit Set from OCO to Base		[-11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	251,062	250,800
	Realignment of EDI APS Unit Set from OCO to Base		[-262]
091	FAMILY OF WEAPON SIGHTS (FWS)	525	0
	Realignment of EDI APS Unit Set from OCO to Base		[-525]
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	26,146	0
	Realignment of EDI APS Unit Set from OCO to Base		[-26,146]
096	MOD OF IN-SVC EQUIP (LLDR)	4,050	0
	Realignment of EDI APS Unit Set from OCO to Base		[-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
	ELECT EQUIP—AUTOMATION		
112	AUTOMATED DATA PROCESSING EQUIP	28,475	28,475
	CHEMICAL DEFENSIVE EQUIPMENT		
121	PROTECTIVE SYSTEMS	27	0
	Realignment of EDI APS Unit Set from OCO to Base		[-27]

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	Realignment of EDI APS Unit Set from OCO to Base		[-317]
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
129	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	16,000	16,000
130	AREA MINE DETECTION SYSTEM (AMDS)	1	0
	Realignment of EDI APS Unit Set from OCO to Base		[-1]
132	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	4,850	4,850
136	REMOTE DEMOLITION SYSTEMS	1	0
	Realignment of EDI APS Unit Set from OCO to Base		[-1]
	COMBAT SERVICE SUPPORT EQUIPMENT		
139	HEATERS AND ECU'S	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
	MEDICAL EQUIPMENT		
151	COMBAT SUPPORT MEDICAL	17,527	17,527
	MAINTENANCE EQUIPMENT		
153	ITEMS LESS THAN \$5.0M (MAINT EQ)	268	0
	Realignment of EDI APS Unit Set from OCO to Base		[-268]
	CONSTRUCTION EQUIPMENT		
159	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	25,700	25,700
	GENERATORS		
165	GENERATORS AND ASSOCIATED EQUIP	569	569
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	9,495	0
	Realignment of EDI APS Unit Set from OCO to Base		[-9,495]
	OTHER SUPPORT EQUIPMENT		
176	M25 STABILIZED BINOCULAR	33	0
	Realignment of EDI APS Unit Set from OCO to Base		[-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
	TOTAL OTHER PROCUREMENT, ARMY	1,382,047	1,108,922
	AIRCRAFT PROCUREMENT, NAVY		
	OTHER AIRCRAFT		
025	STUASLO UAV	35,065	35,065
	MODIFICATION OF AIRCRAFT		
032	SH-60 SERIES	4,858	4,858
034	EP-3 SERIES	5,380	5,380
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
	TOTAL AIRCRAFT PROCUREMENT, NAVY	80,119	80,119
	WEAPONS PROCUREMENT, NAVY		
	TACTICAL MISSILES		
004	AMRAAM	1,183	1,183
005	SIDEWINDER	381	381
012	HELLFIRE	1,530	1,530
015	AERIAL TARGETS	6,500	6,500
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	1,540	1,540
	MODIFICATION OF GUNS AND GUN MOUNTS		
038	GUN MOUNT MODS	3,000	3,000
	TOTAL WEAPONS PROCUREMENT, NAVY	14,134	14,134
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
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
	MARINE CORPS AMMUNITION		
019	MORTARS	2,018	2,018

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	246,541	246,541
	OTHER PROCUREMENT, NAVY		
	OTHER SHIPBOARD EQUIPMENT		
021	UNDERWATER EOD PROGRAMS	9,200	9,200
	SMALL BOATS		
028	STANDARD BOATS	19,060	19,060
	ASW ELECTRONIC EQUIPMENT		
043	FIXED SURVEILLANCE SYSTEM	56,950	56,950
	SATELLITE COMMUNICATIONS		
077	SATELLITE COMMUNICATIONS SYSTEMS	3,200	3,200
	CRYPTOLOGIC EQUIPMENT		
082	CRYPTOLOGIC COMMUNICATIONS EQUIP	2,000	2,000
	SONOBUOYS		
088	SONOBUOYS—ALL TYPES	21,156	21,156
	OTHER ORDNANCE SUPPORT EQUIPMENT		
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	33,580	33,580
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
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
	SUPPLY SUPPORT EQUIPMENT		
118	FIRST DESTINATION TRANSPORTATION	500	500
	COMMAND SUPPORT EQUIPMENT		
123	MEDICAL SUPPORT EQUIPMENT	6,500	6,500
128	ENVIRONMENTAL SUPPORT EQUIPMENT	2,200	2,200
129	PHYSICAL SECURITY EQUIPMENT	19,389	19,389
	CLASSIFIED PROGRAMS		
133A	CLASSIFIED PROGRAMS	4,800	4,800
	TOTAL OTHER PROCUREMENT, NAVY	187,173	187,173
	PROCUREMENT, MARINE CORPS		
	INTELL/COMM EQUIPMENT (NON-TEL)		
022	FIRE SUPPORT SYSTEM	5,583	5,583
	TACTICAL VEHICLES		
037	MOTOR TRANSPORT MODIFICATIONS	44,440	44,440
	ENGINEER AND OTHER EQUIPMENT		
045	EOD SYSTEMS	8,000	8,000
	TOTAL PROCUREMENT, MARINE CORPS	58,023	58,023
	AIRCRAFT PROCUREMENT, AIR FORCE		
	OTHER AIRLIFT		
007	HC-130J	100,000	100,000
	OTHER AIRCRAFT		
018	MQ-9	339,740	147,040
	Excess attrition aircraft		[−192,700]
019	RQ-20B PUMA	13,500	13,500
	STRATEGIC AIRCRAFT		
021	B-1B	4,000	4,000
023	LARGE AIRCRAFT INFRARED COUNTERMEASURES	149,778	149,778
	TACTICAL AIRCRAFT		
024	A-10	10,350	10,350
	OTHER AIRCRAFT		
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
	AIRCRAFT SPARES AND REPAIR PARTS		
072	INITIAL SPARES/REPAIR PARTS	91,500	91,500
	COMMON SUPPORT EQUIPMENT		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP	32,529	32,529
074	OTHER PRODUCTION CHARGES	22,000	22,000
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	1,018,888	826,188
	MISSILE PROCUREMENT, AIR FORCE		
	TACTICAL		
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

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
CLASS IV			
013	AGM-65D MAVERICK	33,602	33,602
	TOTAL MISSILE PROCUREMENT, AIR FORCE	493,526	493,526
PROCUREMENT OF AMMUNITION, AIR FORCE			
CARTRIDGES			
002	CARTRIDGES	29,587	29,587
BOMBS			
004	GENERAL PURPOSE BOMBS	551,862	551,862
006	JOINT DIRECT ATTACK MUNITION	738,451	738,451
FLARES			
015	FLARES	12,116	12,116
FUZES			
016	FUZES	81,000	81,000
SMALL ARMS			
017	SMALL ARMS	8,500	8,500
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	1,421,516	1,421,516
OTHER PROCUREMENT, AIR FORCE			
PASSENGER CARRYING VEHICLES			
001	PASSENGER CARRYING VEHICLES	9,680	9,680
CARGO AND UTILITY VEHICLES			
002	MEDIUM TACTICAL VEHICLE	9,680	9,680
004	CARGO AND UTILITY VEHICLES	19,680	19,680
SPECIAL PURPOSE VEHICLES			
006	SECURITY AND TACTICAL VEHICLES	24,880	24,880
007	SPECIAL PURPOSE VEHICLES	34,680	34,680
FIRE FIGHTING EQUIPMENT			
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	9,736	9,736
MATERIALS HANDLING EQUIPMENT			
009	MATERIALS HANDLING VEHICLES	24,680	24,680
BASE MAINTENANCE SUPPORT			
010	RUNWAY SNOW REMOV AND CLEANING EQU	9,680	9,680
011	BASE MAINTENANCE SUPPORT VEHICLES	9,680	9,680
INTELLIGENCE PROGRAMS			
015	INTELLIGENCE COMM EQUIPMENT	6,156	6,156
ELECTRONICS PROGRAMS			
016	AIR TRAFFIC CONTROL & LANDING SYS	56,884	56,884
SPCL COMM-ELECTRONICS PROJECTS			
029	AIR FORCE PHYSICAL SECURITY SYSTEM	46,236	46,236
037	THEATER BATTLE MGT C2 SYSTEM	2,500	2,500
ORGANIZATION AND BASE			
045	TACTICAL C-E EQUIPMENT	27,911	27,911
PERSONAL SAFETY & RESCUE EQUIP			
051	PERSONAL SAFETY AND RESCUE EQUIPMENT	13,600	13,600
BASE SUPPORT EQUIPMENT			
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
SPECIAL SUPPORT PROJECTS			
059	DCGS-AF	2,000	2,000
CLASSIFIED PROGRAMS			
062	CLASSIFIED PROGRAMS	3,229,364	3,229,364
	TOTAL OTHER PROCUREMENT, AIR FORCE	3,725,944	3,725,944
PROCUREMENT, DEFENSE-WIDE			
MAJOR EQUIPMENT, DISA			
008	TELEPORT PROGRAM	3,800	3,800
017	DEFENSE INFORMATION SYSTEMS NETWORK	12,000	12,000
MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY			
025	COUNTER IED & IMPROVISED THREAT TECHNOLOGIES	5,534	5,534
CLASSIFIED PROGRAMS			
046A	CLASSIFIED PROGRAMS	41,559	41,559
AVIATION PROGRAMS			
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
AMMUNITION PROGRAMS			
061	ORDNANCE ITEMS <\$5M	100,850	100,850
OTHER PROCUREMENT PROGRAMS			
062	INTELLIGENCE SYSTEMS	16,500	16,500
064	OTHER ITEMS <\$5M	7,700	7,700
067	TACTICAL VEHICLES	59,891	59,891

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	TOTAL PROCUREMENT, DEFENSE-WIDE	572,135	572,135
NATIONAL GUARD AND RESERVE EQUIPMENT UNDISTRIBUTED			
007	UNDISTRIBUTED		150,000
	Program increase		[150,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		150,000
	TOTAL PROCUREMENT	12,782,468	10,458,253

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				
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 TECH- NOLOGY	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
		SUBTOTAL APPLIED RESEARCH	919,609	939,609
ADVANCED TECHNOLOGY DEVELOPMENT				

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
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 TECH- NOLOGY.	119,739	119,739
035	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	13,000	13,000
036	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECH- NOLOGY.	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 plat- forms.		[10,000]
045	0603322A	TRACTOR CAGE	16,845	16,845
046	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PRO- GRAM.	183,322	188,322
		Enhance and accelerate Army artificial intelligence and machine learning.		[5,000]
047	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECH- NOLOGY.	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 DEMONSTRA- TIONS.	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]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOP- MENT.	1,026,698	1,041,698
ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
054	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	10,777	10,777
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	42,802	43,802
		Realignment 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 UFR: test and evaluation of the M999 155mm Anti-Per- sonnel 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
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 DEVELOP- MENT & 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 (IFPC2).	51,030	51,030

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
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
		SUBTOTAL ADVANCED COMPONENT DEVELOP- MENT & PROTOTYPES.	1,329,393	1,407,393
		SYSTEM DEVELOPMENT & DEMONSTRATION		
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 Program reduction	69,204	55,804 [-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 RE- SPONSE 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— EXPEDITIONARY (GBOSS-E).	5,175	5,175
127	0605034A	TACTICAL SECURITY SYSTEM (TSS)	4,496	4,496
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 VEHI- CLE (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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT	8,922	8,922
151	1205117A	TRACTOR BEARS	23,170	23,170
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.			3,192,689	3,200,889
RDT&E MANAGEMENT SUPPORT				
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
SUBTOTAL RDT&E MANAGEMENT SUPPORT			1,322,481	1,322,481
OPERATIONAL SYSTEMS DEVELOPMENT				
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 (LRPF)	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	0607663A	FAMILY OF BIOMETRICS	2,400	2,400
197	0607863A	PATRIOT PRODUCT IMPROVEMENT	65,369	90,369
		Increase PATRIOT improvement efforts		[25,000]
198	020429A	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
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
		Realignment 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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
225	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	6,000	6,000
226	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	12,416	26,416
		Realignment 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	9999999999	CLASSIFIED PROGRAMS	5,955	5,955
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	1,922,614	1,963,614
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	10,159,379	10,321,579
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
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
		SUBTOTAL BASIC RESEARCH	597,378	607,378
		APPLIED RESEARCH		
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
		SUBTOTAL APPLIED RESEARCH	891,471	949,971
		ADVANCED TECHNOLOGY DEVELOPMENT		
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]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	750,995	770,995
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
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 Integration.		[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	0603635M	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 development.		[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 DEM- ONSTRATION..	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 COUNTER- MEASURES (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/ ENGINEERING SUPPORT.	7,230	7,230
097	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOP- MENT.	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
		SUBTOTAL ADVANCED COMPONENT DEVELOP- MENT & PROTOTYPES.	4,293,713	4,237,563
SYSTEM DEVELOPMENT & DEMONSTRATION				
103	0603208N	TRAINING SYSTEM AIRCRAFT	12,798	13,798
		TH-57 follow-on training system development		[1,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
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 SYS- TEMS 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 FAC- TORS.	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
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 DEVELOP- MENT & DEMONSTRATION.	98,223	98,223
174	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVEL- OPMENT & DEMONSTRATION.	2,260	2,260
175	0204202N	DDG-1000	161,264	161,264

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180	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	44,098	44,098
182	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	6,808	6,808
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	6,042,480	5,921,880
		MANAGEMENT SUPPORT		
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
		SUBTOTAL MANAGEMENT SUPPORT	1,020,569	1,026,569
		OPERATIONAL SYSTEMS DEVELOPMENT		
210	0604227N	HARPOON MODIFICATIONS	5,426	5,426
211	0604840M	F-35 C2D2	259,122	259,122
212	0604840N	F-35 C2D2	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]
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

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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	9999999999	CLASSIFIED PROGRAMS	1,549,503	1,549,503
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOP- MENT.	4,885,060	4,872,760
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	18,481,666	18,387,116
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF BASIC RESEARCH		
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
		SUBTOTAL BASIC RESEARCH	517,819	517,819
		APPLIED RESEARCH		
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 HEADQUARTERS 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
		SUBTOTAL APPLIED RESEARCH	1,312,342	1,356,342
		ADVANCED TECHNOLOGY DEVELOPMENT		
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 sup- port 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
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 DEVEL- OPMENT	36,463	46,463

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Line	Program Element	Item	FY 2019 Request	House Authorized
		Autonomous life support system development		[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 DEM- ONSTRATION.	51,064	64,364
		Additional facility engineering research and development		[8,300]
		Enhance and accelerate Air Force artificial intelligence research ...		[5,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOP- MENT.	814,797	868,097
ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
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.	71,501	71,501
043	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	62,618	62,618
046	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	28,350	28,350
048	0604858F	TECH TRANSITION PROGRAM	1,186,075	1,201,075
		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	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	17,577	17,577
060	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIP- MENT) (SPACE).	286,629	286,629
061	1203710F	EO/IR WEATHER SYSTEMS	7,940	7,940
062	1206422F	WEATHER SYSTEM FOLLOW-ON	138,052	148,052
		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]
		SUBTOTAL ADVANCED COMPONENT DEVELOP- MENT & PROTOTYPES.	6,529,943	6,434,343
SYSTEM DEVELOPMENT & DEMONSTRATION				
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
088	0604735F	COMBAT TRAINING RANGES	35,895	62,895
		Advanced threat radar system		[27,000]
089	0604800F	F-35—EMD	69,001	69,001

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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
		SUBTOTAL SYSTEM DEVELOPMENT & DEM- ONSTRATION.	5,272,191	6,027,191
MANAGEMENT SUPPORT				
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 SUP- PORT.	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]
		SUBTOTAL MANAGEMENT SUPPORT	2,839,511	2,931,411
OPERATIONAL SYSTEMS DEVELOPMENT				
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
173	0101113F	B-52 SQUADRONS	280,414	295,114

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
		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 NET- WORK	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 MOD- ERNIZATION 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 NET- WORK (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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Line	Program Element	Item	FY 2019 Request	House Authorized
		Gorgon Stare		[10,800]
		Program reduction		[-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
		RQ-4 infrastructure unjustified request		[-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 (LAIRCM)	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-IF)	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	9999999999	CLASSIFIED PROGRAMS	16,534,124	16,390,224
		Classified adjustment		[-40,000]
		Forward financed in the FY18 Omnibus		[-89,900]
		PDSA staff reduction		[-14,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	22,891,740	22,737,240
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	40,178,343	40,872,443
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	37,023	37,023
002	0601101E	DEFENSE RESEARCH SCIENCES	422,130	416,130
		Program decrease		[-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
		Program increase		[10,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	42,103	42,103

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Line	Program Element	Item	FY 2019 Request	House Authorized
SUBTOTAL BASIC RESEARCH			708,114	712,114
APPLIED RESEARCH				
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 PRI- ORITIES.	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 RE- SEARCH.	161,151	161,151
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RE- SEARCH.	9,300	9,300
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT	35,921	35,921
SUBTOTAL APPLIED RESEARCH			1,976,937	1,976,937
ADVANCED TECHNOLOGY DEVELOPMENT				
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—AD- VANCED 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 TECH- NOLOGY 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 DE- VELOPMENT.	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
SUBTOTAL ADVANCED TECHNOLOGY DEVELOP- MENT.			3,699,612	3,640,612
ADVANCED COMPONENT DEVELOPMENT AND PRO- TOTYPES				
068	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	28,140	28,140

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069	0603600D8Z	WALKOFF	92,222	92,222
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—DEVAL.	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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
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]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	8,709,725	8,717,675
SYSTEM DEVELOPMENT AND DEMONSTRATION				
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	8,333	8,333
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	263,414	413,414
		Accelerate program		[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	OSD(C) 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 (EIM).	2,435	2,435
136	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	17,048	17,048
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.	831,189	981,189
MANAGEMENT SUPPORT				
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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
177	0305172K	COMBINED ADVANCED APPLICATIONS	21,363	21,363
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVEST- MENTS.	109,529	109,529
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT	1,244	1,244
184	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANS- FORMATION (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	9999999999	CLASSIFIED PROGRAMS	45,604	45,604
		SUBTOTAL MANAGEMENT SUPPORT	1,117,030	1,107,030
OPERATIONAL SYSTEM DEVELOPMENT				
189	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	9,750	9,750
190	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PART- NERSHIP FOR PEACE INFORMATION MANA.	1,855	1,855
191	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFOR- MATION 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-TSCMS).	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	C4I INTEROPERABILITY	62,814	62,814
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND IN- TEGRATION.	16,561	16,561
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS	14,769	14,769
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK (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 TECH- NOLOGY.	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
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	4,973,946	4,978,946
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.			22,016,553	22,114,503
OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT				
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
		SUBTOTAL MANAGEMENT SUPPORT	221,009	221,009
TOTAL OPERATIONAL TEST & EVAL, DEFENSE			221,009	221,009

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2019 Request	House Authorized
TOTAL RDT&E			91,056,950	91,916,650

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)

Line	Program Element	Item	FY 2019 Request	House Authorized
ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	1,000	0
		Realignment of EDI APS Unit Set from OCO to Base		[-1,000]
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
		Realignment of EDI APS Unit Set from OCO to Base		[-23,000]
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			28,500	4,500
SYSTEM DEVELOPMENT & DEMONSTRATION				
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
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRA- TION.			236,863	236,863
OPERATIONAL SYSTEMS DEVELOPMENT				
184	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PRO- GRAMS.	2,548	2,548
185	0607133A	TRACTOR SMOKE	7,780	7,780
206	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...	2,000	0
		Realignment of EDI APS Unit Set from OCO to Base		[-2,000]
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
		Realignment of EDI APS Unit Set from OCO to Base		[-14,000]
231	0307665A	BIOMETRICS ENABLED INTELLIGENCE	2,214	2,214
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT			59,741	43,741
TOTAL RESEARCH, DEVELOPMENT, TEST & Eval, Army.			325,104	285,104
ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES				
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
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			33,300	33,300
SYSTEM DEVELOPMENT & DEMONSTRATION				
149	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	1,100	1,100
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRA- TION.			1,100	1,100
OPERATIONAL SYSTEMS DEVELOPMENT				
236	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	16,130	16,130
268A	9999999999	CLASSIFIED PROGRAMS	117,282	117,282
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT			133,412	133,412
TOTAL RESEARCH, DEVELOPMENT, TEST & Eval, Navy.			167,812	167,812

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
065	1206438F	SPACE CONTROL TECHNOLOGY	1,100	1,100
070	1206857F	OPERATIONALLY RESPONSIVE SPACE	12,395	12,395
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	13,495	13,495
OPERATIONAL SYSTEMS DEVELOPMENT				
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
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
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	300,776	300,776
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	314,271	314,271
ADVANCED TECHNOLOGY DEVELOPMENT				
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	25,000	25,000
026	0603134BR	COUNTER IMPROVISED-THREAT SIMULATION	13,648	13,648
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	38,648	38,648
ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES				
094	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	242,668	242,668
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	242,668	242,668
OPERATIONAL SYSTEM DEVELOPMENT				
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
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...	219,228	219,228
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	500,544	500,544
		TOTAL RDT&E	1,307,731	1,267,731

1 **TITLE XLIII—OPERATION AND**
2 **MAINTENANCE**
3 **SEC. 4301. OPERATION AND MAINTENANCE.**

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
OPERATION & MAINTENANCE, ARMY OPERATING FORCES			
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]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	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
	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
	SUBTOTAL OPERATING FORCES	25,905,788	24,007,747
	MOBILIZATION		
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
	SUBTOTAL MOBILIZATION	952,179	1,110,932
	TRAINING AND RECRUITING		
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
	SUBTOTAL TRAINING AND RECRUITING	5,141,369	5,141,369
	ADMIN & SRVWIDE ACTIVITIES		
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]

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
565	NATO Strategic Communications Center of Excellence		[5,000]
	CLASSIFIED PROGRAMS	1,259,622	1,259,622
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES ...	10,009,981	9,868,381
	UNDISTRIBUTED		
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]
	SUBTOTAL UNDISTRIBUTED		–894,500
	TOTAL OPERATION & MAINTENANCE, ARMY	42,009,317	39,233,929
	OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES		
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
	SUBTOTAL OPERATING FORCES	2,797,361	2,827,361
	ADMIN & SRVWD ACTIVITIES		
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
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	119,548	119,548
	TOTAL OPERATION & MAINTENANCE, ARMY RES	2,916,909	2,946,909
	OPERATION & MAINTENANCE, ARNG OPERATING FORCES		
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
	SUBTOTAL OPERATING FORCES	6,964,850	7,034,850
	ADMIN & SRVWD ACTIVITIES		

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	434,445	434,445
	TOTAL OPERATION & MAINTENANCE, ARNG	7,399,295	7,469,295
	OPERATION & MAINTENANCE, NAVY OPERATING FORCES		
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 SERV- ICES	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 WAR- FARE	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 SUPPORT	153,719	153,719
210	COMBATANT COMMANDERS CORE OPERATIONS	63,039	63,039
220	COMBATANT COMMANDERS DIRECT MISSION SUP- PORT	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 sys- tems		[-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
	SUBTOTAL OPERATING FORCES	41,725,992	41,980,714
	MOBILIZATION		
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

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	SUBTOTAL MOBILIZATION	1,165,532	633,780
	TRAINING AND RECRUITING		
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
500	JUNIOR ROTC	54,156	54,156
	SUBTOTAL TRAINING AND RECRUITING	1,995,288	1,996,988
	ADMIN & SRVWD ACTIVITIES		
510	ADMINISTRATION	1,089,964	1,089,964
530	CIVILIAN MANPOWER AND PERSONNEL MANAGE- MENT	164,074	164,074
540	MILITARY MANPOWER AND PERSONNEL MANAGE- MENT	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
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,116,821	4,116,821
	UNDISTRIBUTED		
770	UNDISTRIBUTED		-398,100
	Foreign Currency adjustments		[-55,100]
	Historical unobligated balances		[-343,000]
	SUBTOTAL UNDISTRIBUTED		-398,100
	TOTAL OPERATION & MAINTENANCE, NAVY	49,003,633	48,330,203
	OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES		
010	OPERATIONAL FORCES	873,320	885,720
	Additional parts & spares to support intermediate & organi- zational 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
	SUBTOTAL OPERATING FORCES	5,547,397	5,669,097
	TRAINING AND RECRUITING		
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

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	SUBTOTAL TRAINING AND RECRUITING	818,144	818,144
	ADMIN & SRVWD ACTIVITIES		
160	SERVICEWIDE TRANSPORTATION	29,735	29,735
170	ADMINISTRATION	386,375	386,375
225	CLASSIFIED PROGRAMS	50,859	50,859
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	466,969	466,969
	UNDISTRIBUTED		
230	UNDISTRIBUTED		-43,600
	Foreign Currency adjustments		[-13,600]
	Historical unobligated balances		[-30,000]
	SUBTOTAL UNDISTRIBUTED		-43,600
	TOTAL OPERATION & MAINTENANCE, MA- RINE CORPS	6,832,510	6,910,610
	OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES		
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
	SUBTOTAL OPERATING FORCES	1,009,112	1,019,112
	ADMIN & SRVWD ACTIVITIES		
130	ADMINISTRATION	1,868	1,868
140	MILITARY MANPOWER AND PERSONNEL MANAGE- MENT	12,849	12,849
160	ACQUISITION AND PROGRAM MANAGEMENT	3,177	3,177
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	17,894	17,894
	TOTAL OPERATION & MAINTENANCE, NAVY RES	1,027,006	1,037,006
	OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES		
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
	SUBTOTAL OPERATING FORCES	260,394	277,094
	ADMIN & SRVWD ACTIVITIES		
050	ADMINISTRATION	11,176	11,176
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	11,176	11,176

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	271,570	288,270
	OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES		
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 SUP- PORT	7,613,084	7,687,884
	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
	SUBTOTAL OPERATING FORCES	33,797,280	34,173,580
	MOBILIZATION		
230	AIRLIFT OPERATIONS	1,307,695	1,307,695
240	MOBILIZATION PREPAREDNESS	144,417	144,417
	SUBTOTAL MOBILIZATION	1,452,112	1,452,112
	TRAINING AND RECRUITING		
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
	SUBTOTAL TRAINING AND RECRUITING	2,178,214	2,178,214
	ADMIN & SRVWD ACTIVITIES		
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
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,632,962	4,632,962

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
UNDISTRIBUTED			
550	UNDISTRIBUTED		-455,200
	Foreign Currency adjustments		[-104,500]
	Historical unobligated balances		[-350,700]
	SUBTOTAL UNDISTRIBUTED		-455,200
TOTAL OPERATION & MAINTENANCE, AIR FORCE			
		42,060,568	41,981,668
OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES			
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 SUP- PORT	241,239	259,939
	Readiness restoration		[18,700]
060	BASE SUPPORT	385,922	385,922
	SUBTOTAL OPERATING FORCES	3,152,279	3,202,879
ADMINISTRATION AND SERVICEWIDE ACTIVI- TIES			
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
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	107,955	107,955
TOTAL OPERATION & MAINTENANCE, AF RESERVE			
		3,260,234	3,310,834
OPERATION & MAINTENANCE, ANG OPERATING FORCES			
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 SUP- PORT	1,061,759	1,064,759
	Readiness restoration		[3,000]
060	BASE SUPPORT	988,333	989,233
	Readiness restoration		[900]
	SUBTOTAL OPERATING FORCES	6,345,376	6,369,276
ADMINISTRATION AND SERVICE-WIDE ACTIVI- TIES			
070	ADMINISTRATION	45,711	45,711
080	RECRUITING AND ADVERTISING	36,535	36,535
	SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES	82,246	82,246
TOTAL OPERATION & MAINTENANCE, ANG			
		6,427,622	6,451,522
OPERATION AND MAINTENANCE, DEFENSE- WIDE OPERATING FORCES			

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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]
	SUBTOTAL OPERATING FORCES	6,421,651	6,247,651
TRAINING AND RECRUITING			
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 RE- CRUITING	370,583	370,583
	SUBTOTAL TRAINING AND RECRUITING	648,749	639,649
ADMIN & SRVWIDE ACTIVITIES			
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]
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 Program (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 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 Commemoration 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 ACTIVITIES	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
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	29,282,225	29,131,300
UNDISTRIBUTED			
320	UNDISTRIBUTED		−411,800

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	Foreign Currency adjustments		[-26,400]
	Historical unobligated balances		[-385,400]
	SUBTOTAL UNDISTRIBUTED		-411,800
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	36,352,625	35,606,800
	US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVI- TIES		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	14,662	14,662
	SUBTOTAL ADMINISTRATION AND ASSOCI- ATED ACTIVITIES	14,662	14,662
	TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF	14,662	14,662
	DOD ACQUISITION WORKFORCE DEVELOP- MENT FUND		
	ACQUISITION WORKFORCE DEVELOPMENT		
010	ACQ WORKFORCE DEV FD	400,000	400,000
	SUBTOTAL ACQUISITION WORKFORCE DE- VELOPMENT	400,000	400,000
	TOTAL DOD ACQUISITION WORKFORCE DEVELOPMENT FUND	400,000	400,000
	OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID		
	HUMANITARIAN ASSISTANCE		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	107,663	107,663
	SUBTOTAL HUMANITARIAN ASSISTANCE	107,663	107,663
	TOTAL OVERSEAS HUMANITARIAN, DIS- ASTER, AND CIVIC AID	107,663	107,663
	COOPERATIVE THREAT REDUCTION ACCOUNT FSU THREAT REDUCTION		
010	FORMER SOVIET UNION (FSU) THREAT REDUCTION ...	335,240	335,240
	SUBTOTAL FSU THREAT REDUCTION	335,240	335,240
	TOTAL COOPERATIVE THREAT REDUC- TION ACCOUNT	335,240	335,240
	ENVIRONMENTAL RESTORATION, ARMY DEPARTMENT OF THE ARMY		
060	ENVIRONMENTAL RESTORATION, ARMY	203,449	213,449
	PFOS/PFOA remediation increase		[10,000]
	SUBTOTAL DEPARTMENT OF THE ARMY	203,449	213,449
	TOTAL ENVIRONMENTAL RESTORATION, ARMY	203,449	213,449
	ENVIRONMENTAL RESTORATION, NAVY DEPARTMENT OF THE NAVY		
080	ENVIRONMENTAL RESTORATION, NAVY	329,253	339,253
	PFOS/PFOA remediation increase		[10,000]
	SUBTOTAL DEPARTMENT OF THE NAVY	329,253	339,253
	TOTAL ENVIRONMENTAL RESTORATION, NAVY	329,253	339,253
	ENVIRONMENTAL RESTORATION, AIR FORCE DEPARTMENT OF THE AIR FORCE		
100	ENVIRONMENTAL RESTORATION, AIR FORCE	296,808	346,808
	PFOS/PFOA remediation increase		[50,000]
	SUBTOTAL DEPARTMENT OF THE AIR FORCE	296,808	346,808

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SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	TOTAL ENVIRONMENTAL RESTORATION, AIR FORCE	296,808	346,808
	ENVIRONMENTAL RESTORATION, DEFENSE DEFENSE-WIDE		
120	ENVIRONMENTAL RESTORATION, DEFENSE	8,926	8,926
	SUBTOTAL DEFENSE-WIDE	8,926	8,926
	TOTAL ENVIRONMENTAL RESTORATION, DEFENSE	8,926	8,926
	ENVIRONMENTAL RESTORATION FORMERLY USED SITES DEFENSE-WIDE		
140	ENVIRONMENTAL RESTORATION FORMERLY USED SITES	212,346	212,346
	SUBTOTAL DEFENSE-WIDE	212,346	212,346
	TOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES	212,346	212,346
	TOTAL OPERATION & MAINTENANCE	199,469,636	195,545,393

1 SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS

2 CONTINGENCY OPERATIONS.

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY OPERATING FORCES		
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
	SUBTOTAL OPERATING FORCES	15,876,377	18,225,487
	MOBILIZATION		
230	ARMY PREPOSITIONED STOCKS	158,753	0
	Realignment of EDI APS Unit Set from OCO to Base		[-158,753]
	SUBTOTAL MOBILIZATION	158,753	0
	ADMIN & SRVWIDE ACTIVITIES		
390	SERVICEWIDE TRANSPORTATION	712,230	863,830
	Realign OCO requirements from Base to OCO		[151,600]

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	2,175,370	2,326,970
	UNDISTRIBUTED		
570	UNDISTRIBUTED		-27,900
	Historical unobligated balances		[-27,900]
	SUBTOTAL UNDISTRIBUTED		-27,900
	TOTAL OPERATION & MAINTENANCE, ARMY	18,210,500	20,524,557
	OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES		
020	ECHELONS ABOVE BRIGADE	20,700	20,700
060	FORCE READINESS OPERATIONS SUPPORT	700	700
090	BASE OPERATIONS SUPPORT	20,487	20,487
	SUBTOTAL OPERATING FORCES	41,887	41,887
	TOTAL OPERATION & MAINTENANCE, ARMY RES	41,887	41,887
	OPERATION & MAINTENANCE, ARNG OPERATING FORCES		
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
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
	SUBTOTAL OPERATING FORCES	109,974	109,974
	ADMIN & SRVWD ACTIVITIES		
150	SERVICEWIDE COMMUNICATIONS	755	755
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	755	755
	TOTAL OPERATION & MAINTENANCE, ARNG	110,729	110,729
	AFGHAN NATIONAL ARMY		
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
	SUBTOTAL AFGHAN NATIONAL ARMY	1,908,277	1,908,277
	AFGHAN NATIONAL POLICE		
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
	SUBTOTAL AFGHAN NATIONAL POLICE	767,014	767,014
	AFGHAN AIR FORCE		
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
	SUBTOTAL AFGHAN AIR FORCE	1,822,130	1,822,130
	AFGHAN SPECIAL SECURITY FORCES		
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
	SUBTOTAL AFGHAN SPECIAL SECURITY FORCES	702,029	702,029

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
	TOTAL AFGHANISTAN SECURITY FORCES FUND	5,199,450	5,199,450
	COUNTER-ISIS TRAIN AND EQUIP FUND		
	COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)		
010	IRAQ	850,000	850,000
020	SYRIA	300,000	300,000
030	OTHER	250,000	250,000
	SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)	1,400,000	1,400,000
	TOTAL COUNTER-ISIS TRAIN AND EQUIP FUND	1,400,000	1,400,000
	OPERATION & MAINTENANCE, NAVY OPERATING FORCES		
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 SUP- PORT	4,334	4,334
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	24,800	24,800
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
	SUBTOTAL OPERATING FORCES	4,418,623	4,418,623
	MOBILIZATION		
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	12,902	12,902
390	COAST GUARD SUPPORT	165,000	165,000
	SUBTOTAL MOBILIZATION	177,902	177,902
	TRAINING AND RECRUITING		
430	SPECIALIZED SKILL TRAINING	51,138	51,138
	SUBTOTAL TRAINING AND RECRUITING	51,138	51,138
	ADMIN & SRVWD ACTIVITIES		
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
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	109,492	109,492
	TOTAL OPERATION & MAINTENANCE, NAVY	4,757,155	4,757,155
	OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES		
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
	SUBTOTAL OPERATING FORCES	1,023,283	1,023,283
	TRAINING AND RECRUITING		
120	TRAINING SUPPORT	30,459	30,459
	SUBTOTAL TRAINING AND RECRUITING	30,459	30,459

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
ADMIN & SRVWD ACTIVITIES			
160	SERVICEWIDE TRANSPORTATION	61,400	61,400
170	ADMINISTRATION	2,108	2,108
225	CLASSIFIED PROGRAMS	4,650	4,650
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	68,158	68,158
TOTAL OPERATION & MAINTENANCE, MARINE CORPS			
		1,121,900	1,121,900
OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES			
020	INTERMEDIATE MAINTENANCE	500	500
030	AIRCRAFT DEPOT MAINTENANCE	11,400	11,400
080	COMBAT SUPPORT FORCES	13,737	13,737
	SUBTOTAL OPERATING FORCES	25,637	25,637
TOTAL OPERATION & MAINTENANCE, NAVY RES			
		25,637	25,637
OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES			
010	OPERATING FORCES	2,550	2,550
040	BASE OPERATING SUPPORT	795	795
	SUBTOTAL OPERATING FORCES	3,345	3,345
TOTAL OPERATION & MAINTENANCE, MC RESERVE			
		3,345	3,345
OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES			
010	PRIMARY COMBAT FORCES	166,274	166,274
020	COMBAT ENHANCEMENT FORCES	1,492,580	1,492,580
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
	SUBTOTAL OPERATING FORCES	7,408,887	7,408,887
MOBILIZATION			
230	AIRLIFT OPERATIONS	1,287,659	1,287,659
240	MOBILIZATION PREPAREDNESS	107,064	107,064
	SUBTOTAL MOBILIZATION	1,394,723	1,394,723
TRAINING AND RECRUITING			
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
	SUBTOTAL TRAINING AND RECRUITING	29,330	29,330
ADMIN & SRVWD ACTIVITIES			
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

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SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
500	OTHER SERVICEWIDE ACTIVITIES	97,471	97,471
540	INTERNATIONAL SUPPORT	240	240
545	CLASSIFIED PROGRAMS	51,108	51,108
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	452,849	452,849
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	9,285,789	9,285,789
	OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES		
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	51,000	51,000
060	BASE SUPPORT	9,500	9,500
	SUBTOTAL OPERATING FORCES	60,500	60,500
	TOTAL OPERATION & MAINTENANCE, AF RE- SERVE	60,500	60,500
	OPERATION & MAINTENANCE, ANG OPERATING FORCES		
020	MISSION SUPPORT OPERATIONS	3,560	3,560
060	BASE SUPPORT	12,310	12,310
	SUBTOTAL OPERATING FORCES	15,870	15,870
	TOTAL OPERATION & MAINTENANCE, ANG	15,870	15,870
	OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES		
010	JOINT CHIEFS OF STAFF	28,671	28,671
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	3,733,161	3,733,161
	SUBTOTAL OPERATING FORCES	3,761,832	3,761,832
	ADMIN & SRVWIDE ACTIVITIES		
100	DEFENSE CONTRACT AUDIT AGENCY	1,781	1,781
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
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	4,788,076	4,588,076
	TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE	8,549,908	8,349,908
	UKRAINE SECURITY ASSISTANCE		
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]
	SUBTOTAL UKRAINE SECURITY ASSISTANCE		250,000
	TOTAL UKRAINE SECURITY ASSISTANCE		250,000
	TOTAL OPERATION & MAINTENANCE	48,782,670	51,146,727

TITLE XLIV—MILITARY PERSONNEL

SEC. 4401. MILITARY PERSONNEL.

SEC. 4401. MILITARY PERSONNEL (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
Military Personnel Appropriations	140,689,301	139,988,801
Control Grade Increase		[7,000]
Foreign Currency adjustments		[-218,000]
Historical unobligated balance		[-761,500]
Permanently reverse BAH reduction for Military Housing Privatization Initiative		[275,000]
Program decrease		[-3,000]
Medicare-Eligible Retiree Health Fund Contribu- tions	7,533,090	7,533,090
Total, Military Personnel	148,222,391	147,521,891

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN- GENCY OPERATIONS.

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
Military Personnel Appropriations	4,660,661	4,660,661

TITLE XLV—OTHER AUTHORIZATIONS

SEC. 4501. OTHER AUTHORIZATIONS.

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
ARMY ARSENALS INITIATIVE	59,002	59,002
ARMY SUPPLY MANAGEMENT	99,763	99,763
TOTAL WORKING CAPITAL FUND, ARMY	158,765	158,765
WORKING CAPITAL FUND, AIR FORCE		
WORKING CAPITAL FUND	69,054	69,054
TOTAL WORKING CAPITAL FUND, AIR FORCE	69,054	69,054
WORKING CAPITAL FUND, DEFENSE-WIDE		
WORKING CAPITAL FUND SUPPORT	48,096	48,096
TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE	48,096	48,096

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
WORKING CAPITAL FUND, DECA		
WORKING CAPITAL FUND SUPPORT	1,266,200	1,266,200
TOTAL WORKING CAPITAL FUND, DECA	1,266,200	1,266,200
NATIONAL DEFENSE SEALIFT FUND		
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]
TOTAL NATIONAL DEFENSE SEALIFT FUND		816,752
CHEM AGENTS & MUNITIONS DESTRUCTION		
OPERATION & MAINTENANCE	105,997	105,997
RDT&E	886,728	886,728
PROCUREMENT	1,091	1,091
TOTAL CHEM AGENTS & MUNITIONS DE- STRUCTION	993,816	993,816
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVI- TIES, 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 ACTIVI- TIES, DEFENSE	5,276	5,276
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	787,525	807,525
OFFICE OF THE INSPECTOR GENERAL		
OPERATION & MAINTENANCE	327,611	332,611
Program increase		[5,000]
PROCUREMENT	1,602	1,602
RDT&E	60	60
TOTAL OFFICE OF THE INSPECTOR GEN- ERAL	329,273	334,273
DEFENSE HEALTH PROGRAM		
OPERATION & MAINTENANCE		
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
RDT&E		
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]

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
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
PROCUREMENT		
INITIAL OUTFITTING	33,056	33,056
REPLACEMENT & MODERNIZATION	343,424	343,424
DOD HEALTHCARE MANAGEMENT SYSTEM MOD- ERNIZATION	496,680	496,680
UNDISTRIBUTED		
UNDISTRIBUTED		-492,500
Foreign Currency adjustments		[-22,100]
Historical unobligated balances		[-470,400]
TOTAL DEFENSE HEALTH PROGRAM	33,729,192	33,276,692
TOTAL OTHER AUTHORIZATIONS	37,381,921	37,771,173

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**
2 **TINGENCY OPERATIONS.**

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)		
Item	FY 2019 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
ARMY SUPPLY MANAGEMENT	6,600	6,600
TOTAL WORKING CAPITAL FUND, ARMY	6,600	6,600
WORKING CAPITAL FUND, AIR FORCE		
WORKING CAPITAL FUND	8,590	8,590
TOTAL WORKING CAPITAL FUND, AIR FORCE	8,590	8,590
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	153,100	153,100
TOTAL DRUG INTERDICTION & CTR-DRUG AC- TIVITIES, DEF	153,100	153,100
OFFICE OF THE INSPECTOR GENERAL		
OPERATION & MAINTENANCE	24,692	24,692
TOTAL OFFICE OF THE INSPECTOR GENERAL	24,692	24,692
DEFENSE HEALTH PROGRAM OPERATION & MAINTENANCE		
IN-HOUSE CARE	72,627	72,627
PRIVATE SECTOR CARE	277,066	277,066
CONSOLIDATED HEALTH SUPPORT	2,375	2,375
TOTAL DEFENSE HEALTH PROGRAM	352,068	352,068
TOTAL OTHER AUTHORIZATIONS	545,050	545,050

TITLE XLVI—MILITARY CONSTRUCTION

SEC. 4601. MILITARY CONSTRUCTION.

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	Alabama			
Army	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, Iner 4	105,000	95,000
	Honduras			
Army	Soto Cano Air Base	Barracks	21,000	21,000
	Indiana			
Army	Crane Army Ammuni- tion 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			
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
	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
Military Construction, Army Total			1,011,768	1,095,868
	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 Sta- tion Miramar	Airfield Security Improvements	11,500	11,500

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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
Navy	Naval Base Coronado	Aircraft Paint Complex	0	78,800
Navy	Naval Base Coronado	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
Navy	Marine Corps Base Hawaii	Corrosion Control Hangar	66,100	66,100
Japan				
Navy	Kadena Air Base	Tactical Operations Center	9,049	9,049
Maine				
Navy	Portsmouth Naval Yard	Dry Dock #1 Superflood Basin	109,960	51,639
Navy	Portsmouth Naval Yard	Extend Portal Crane Rail	39,725	39,725
Mississippi				
Navy	Naval Construction Battalion Center	Expeditionary Combat Skills Student Berthing	0	22,300
North Carolina				
Navy	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
Pennsylvania				
Navy	Naval Support Activity Philadelphia	Submarine Propulsor Manufacturing Support Fac	71,050	71,050
South Carolina				
Navy	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
Utah				
Navy	Hill Air Force Base	D5 Missile Motor Receipt/Storage Facility	105,520	55,000
Virginia				
Navy	Marine Corps Base Quantico	Ammunition Supply Point Upgrade, Phase 2	0	13,100

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Navy	Marine Corps Base Quantico	TBS Fire Station	21,980	0
Navy	Portsmouth	Ships Maintenance Facility	26,120	26,120
Navy	Washington			
Navy	Bangor	Pier and Maintenance Facility	88,960	88,960
Navy	Naval Air Station	Fleet Support Facility	19,450	19,450
	Whidbey Island			
Navy	Naval Air Station	Next Generation Jammer Facility	7,930	7,930
	Whidbey Island			
	Worldwide Unspecified			
Navy	Unspecified Worldwide 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
Military Construction, Navy Total			2,543,189	2,538,898
	Alaska			
AF	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
	Arizona			
AF	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
	Arkansas			
AF	Little Rock Air Force Base	Dormitory - 168 PN	0	26,000
	Florida			
AF	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
	Guam			
AF	Joint Region Marianas	Hayman Munitions Storage Igloos MSA 2	9,800	9,800
	Louisiana			
AF	Barksdale Air Force Base	Entrance Road and Gate Complex	0	12,250
	Mariana Islands			
AF	Timian	APR—Cargo Pad with Taxiway Extension	46,000	46,000
AF	Timian	APR—Maintenance Support Facility	4,700	4,700
	Maryland			
AF	Joint Base Andrews	Child Development Center	0	13,000
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
	Massachusetts			
AF	Hanscom Air Force Base	MIT-Lincoln Laboratory (West Lab CSL/MIF)	225,000	40,000
	Nebraska			
AF	Offutt Air Force Base	Parking Lot, USSTRATCOM	9,500	9,500
	Nevada			
AF	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
	New Mexico			
AF	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
	New York			
AF	Rome Lab	Anti-Terrorism Perimeter Security / Entry Control Point.	0	14,200
	North Dakota			
AF	Minot Air Force Base	Consolidated Helo/TRF Ops/AMU and Alert Fac ..	66,000	66,000
	Ohio			
AF	Wright-Patterson Air Force Base	ADAL Intelligence Production Complex (NASIC) ..	116,100	61,000
	Oklahoma			
AF	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
	Qatar			

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
AF	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			
	Fairechild—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
Military Construction, AF Total			1,725,707	1,570,773
	Alaska			
Def-Wide	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
	Arkansas			
Def-Wide	Little Rock Air Force Base	Hydrant Fuel System Alterations	14,000	14,000
	Belgium			
Def-Wide	Chievres Air Base	Europe West District Superintendent's Office	14,305	14,305
	California			
Def-Wide	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
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 Guantanamo 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 Barracks	Medical Center Replacement Inc. 8	319,589	319,589
Def-Wide	Weisbaden	Clay Kaserne Elementary School	56,048	56,048
	Japan			
Def-Wide	Camp Metureous	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			

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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	Next NGA West (N2W) Complex Phase 1 Inc. 2 ...	213,600	181,000
Def-Wide	St. Louis	Next NGA West (N2W) Complex Phase 2 Inc. 1 ...	110,000	110,000
	New Jersey			
Def-Wide	Joint Base Meguire-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	Mealester	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	Traning Center Dam Neck	SOF Magazines	8,959	8,959
	Washington			
Def-Wide	Joint Base Lewis-Mechord	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 Locations	Planning & Design	42,705	42,705
Def-Wide	Various Worldwide Locations	Planning and Design	55,699	55,699
Def-Wide	Various Worldwide Locations	Unspecified Minor Construction	17,366	17,366
Military Construction, Def-Wide Total			2,693,324	2,473,338
	Worldwide Unspecified			
NATO	NATO Security Investment Program	Nato Security Investment Program	171,064	171,064
NATO Security Investment Program Total			171,064	171,064
	Alaska			
Army NG	Joint Base Elmendorf-Richardson	United States Property & Fiscal Office	27,000	27,000
	Illinois			
Army NG	Marseilles Training Center	Automated Record Fire Range	5,000	5,000
	Montana			
Army NG	Malta	National Guard Readiness Center	15,000	15,000
	Nevada			
Army NG	North Las Vegas	National Guard Readiness Center	32,000	32,000
	New Hampshire			
Army NG	Pembroke	National Guard Readiness Center	12,000	12,000
	North Dakota			

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Army NG	Fargo	National Guard Readiness Center	32,000	32,000
	Ohio			
Army NG	Camp Ravenna	Automated Multipurpose Machine Gun Range	7,400	7,400
	Oklahoma			
Army NG	Lexington	Aircraft Vehicle Storage Building	0	11,000
	South Dakota			
Army NG	Rapid City	National Guard Readiness Center	15,000	15,000
	Worldwide Unspecified			
Army NG	Unspecified Worldwide Locations	Planning and Design	16,622	16,622
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	18,100	18,100
Military Construction, Army National Guard Total			180,122	191,122
	California			
Army Res	Fort Irwin	ECS Modified TEMF / Warehouse	34,000	34,000
	Washington			
Army Res	Yakima Training Center	ECS Modified TEMF	0	23,000
	Wisconsin			
Army Res	Fort Meoy	Transient Training Barracks	23,000	23,000
	Worldwide Unspecified			
Army Res	Unspecified Worldwide Locations	Planning and Design	5,855	5,855
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction	2,064	2,064
Military Construction, Army Reserve Total			64,919	87,919
	California			
N/MC Res	Naval Weapons Station Seal Beach	Reserve Training Center	21,740	21,740
	Georgia			
N/MC Res	Fort Benning	Reserve Training Center	13,630	13,630
	Pennsylvania			
N/MC Res	Pittsburgh	Reserve Training Center	0	0
	Worldwide Unspecified			
N/MC Res	Unspecified Worldwide Locations	Planning & Design	4,695	4,695
N/MC Res	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
Military Construction, Naval Reserve Total			43,065	43,065
	California			
Air NG	Channel Islands Air National Guard Station	Construct C-130J Flight Simulator Facility	8,000	8,000
	Hawaii			
Air NG	Joint Base Pearl Harbor-Hickam	Construct Addition to F-22 LO/CRF B3408	17,000	17,000
	Illinois			
Air NG	Greater Peoria Regional Airport	Construct New Fire Crash/Rescue Station	9,000	9,000
	Louisiana			
Air NG	New Orleans	NORTHCOM—Construct Alert Apron	15,000	15,000
Air NG	New Orleans	NORTHCOM—Construct Alert Facilities	0	24,000
	Minnesota			
Air NG	Duluth International Airport	Construct Small Arms Range	0	8,000
	Montana			
Air NG	Great Falls International Airport	Construct Aircraft Apron	0	9,000
	New York			
Air NG	Francis S. Gabreski Airport	Security Forces/Comm.Training Facility	20,000	20,000
	Ohio			
Air NG	Mansfield Lahm Airport	Replace Fire Station	0	13,000
Air NG	Rickenbacker International Airport	Construct Small Arms Range	0	8,000
	Pennsylvania			
Air NG	Fort Indiantown Gap	Replace Operations Training/Dining Hall	8,000	8,000
	Virginia			
Air NG	Joint Base Langley-Eustis	Construct Cyber Ops Facility	10,000	10,000
	Worldwide Unspecified			

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SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction	23,626	23,626
Air NG	Various Worldwide Locations	Planning and Design	18,500	18,500
Military Construction, Air National Guard Total			129,126	191,126
Florida				
AF Res	Patrick Air Force Base	HC-130J Mx Hanger	0	24,000
Indiana				
AF Res	Grisson Air Reserve Base	Add/Alter Aircraft Maintenance Hangar	12,100	12,100
AF Res	Grisson Air Reserve Base	Aerial Port Facility	0	9,400
Massachusetts				
AF Res	Westover Air Reserve Base	Regional ISO Mx Hanger	0	42,600
Minnesota				
AF Res	Minneapolis-St Paul International Airport	Small Arms Range	9,000	9,000
Mississippi				
AF Res	Keesler Air Force Base	Aeromedical Staging Squadron Facility	4,550	4,550
New York				
AF Res	Niagara Falls International Airport	Physical Fitness Center	14,000	14,000
Ohio				
AF Res	Youngstown Air Rserve Station	Relocation Main Gate	0	8,800
Texas				
AF Res	Naval Air Station Joint Reserve Base Fort Worth	Munitions Training/Admin Facility	3,100	3,100
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
Military Construction, Air Force Reserve Total			50,163	134,963
Germany				
FH Con Army	Baumholder	Family Housing Improvements	32,000	32,000
Italy				
FH Con Army	Vicenza	Family Housing New Construction	95,134	95,134
Korea				
FH Con Army	Camp Humphreys	Family Housing New Construction Iner 3	85,000	85,000
FH Con Army	Camp Walker	Family Housing Replacement Construction	68,000	68,000
Puerto Rico				
FH Con Army	Fort Buchanan	Family Housing Replacement Construction	26,000	26,000
Wisconsin				
FH Con Army	Fort Meccoy	Family Housing New Construction	6,200	6,200
Worldwide Unspecified				
FH Con Army	Unspecified Worldwide Locations	Family Housing P & D	18,326	18,326
Family Housing Construction, Army Total			330,660	330,660
Worldwide Unspecified				
FH Ops Army	Unspecified Worldwide Locations	Furnishings	15,842	15,842
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support	18,801	20,301
FH Ops Army	Unspecified Worldwide Locations	Leasing	161,252	161,252
FH Ops Army	Unspecified Worldwide Locations	Maintenance	75,530	75,530
FH Ops Army	Unspecified Worldwide Locations	Management	36,302	34,802
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous	408	408
FH Ops Army	Unspecified Worldwide Locations	Services	10,502	10,502
FH Ops Army	Unspecified Worldwide Locations	Utilities	57,872	57,872
Family Housing Operation And Maintenance, Army Total			376,509	376,509
Mariana Islands				

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
FH Con Navy	Guam	Replace Anderson Housing PH III	83,441	83,441
FH Con Navy	Worldwide Unspecified Locations	Design, Washington DC	4,502	4,502
FH Con Navy	Unspecified Worldwide Locations	Improvements, Washington DC	16,638	16,638
Family Housing Construction, Navy And Marine Corps Total			104,581	104,581
FH Ops Navy	Worldwide Unspecified Locations	Furnishings	16,395	16,395
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support	21,767	23,267
FH Ops Navy	Unspecified Worldwide Locations	Leasing	62,515	62,515
FH Ops Navy	Unspecified Worldwide Locations	Maintenance	86,328	86,328
FH Ops Navy	Unspecified Worldwide Locations	Management	50,870	49,370
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous	148	148
FH Ops Navy	Unspecified Worldwide Locations	Services	16,261	16,261
FH Ops Navy	Unspecified Worldwide Locations	Utilities	60,252	60,252
Family Housing Operation And Maintenance, Navy And Marine Corps Total			314,536	314,536
FH Con AF	Worldwide Unspecified Locations	Construction Improvements	75,247	75,247
FH Con AF	Unspecified Worldwide Locations	Planning & Design	3,199	3,199
Family Housing Construction, Air Force Total			78,446	78,446
FH Ops AF	Worldwide Unspecified Locations	Furnishings	30,645	30,645
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization Support	22,205	23,705
FH Ops AF	Unspecified Worldwide Locations	Leasing	15,832	15,832
FH Ops AF	Unspecified Worldwide Locations	Maintenance	129,763	129,763
FH Ops AF	Unspecified Worldwide Locations	Management	54,423	52,923
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous	2,171	2,171
FH Ops AF	Unspecified Worldwide Locations	Services	13,669	13,669
FH Ops AF	Unspecified Worldwide Locations	Utilities	48,566	48,566
Family Housing Operation And Maintenance, Air Force Total			317,274	317,274
FH Ops DW	Worldwide Unspecified Locations	Furnishings	1,060	1,060
FH Ops DW	Unspecified Worldwide Locations	Leasing	51,278	51,278
FH Ops DW	Unspecified Worldwide Locations	Maintenance	1,663	1,663
FH Ops DW	Unspecified Worldwide Locations	Management	155	155
FH Ops DW	Unspecified Worldwide Locations	Services	2	2
FH Ops DW	Unspecified Worldwide Locations	Utilities	4,215	4,215
Family Housing Operation And Maintenance, Defense-Wide Total			58,373	58,373
FHIF	Worldwide Unspecified Locations	Administrative Expenses—FHIF	1,653	1,653

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SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
DOD Family Housing Improvement Fund Total			1,653	1,653
UHIF	Worldwide Unspecified Unaccompanied Housing Improvement Fund	Administrative Expenses—UHIF	600	600
Unaccompanied Housing Improvement Fund Total			600	600
BRAC	Worldwide Unspecified Unspecified Worldwide Locations	Base Realignment and Closure	62,796	80,906
BRAC	Unspecified Worldwide Locations	Base Realignment and Closure	151,839	170,949
BRAC	Unspecified Worldwide Locations	Base Realignment and Closure	52,903	71,013
Base Realignment and Closure Total			267,538	322,868
PYS	Prior Year Savings Prior Year Savings	Prior Year Savings	0	-71,158
Prior Year Savings Total			0	-71,158
Total, Military Construction			10,462,617	10,332,478

1 SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-

2 TINGENCY OPERATIONS.

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Army	Bulgaria Nevo Selo	EDI: Ammunition Holding Area	5,200	5,200
Army	Cuba Guantanamo Bay	High Value Detention Facility	69,000	0
Army	Poland Drawsko Pomorski Training Area	EDI: Staging Area	17,000	17,000
Army	Powidz Air Base	EDI: Ammunition Storage Facility	52,000	52,000
Army	Powidz Air Base	EDI: Bulk Fuel Storage	21,000	21,000
Army	Powidz Air Base	EDI: Rail Extension & Railhead	14,000	14,000
Army	Zagan Training Area	EDI: Rail Extension and Railhead	6,400	6,400
Army	Zagan Training Area	EDI: Staging Area	34,000	34,000
Army	Romania Mihail Kogalniceanu	EDI: Explosives & Ammo Load/Unload Apron	21,651	21,651
Army	Worldwide Unspecified Unspecified Worldwide Locations	EDI: Planning and Design	20,999	20,999
Military Construction, Army Total			261,250	192,250
Navy	Greece Souda Bay	EDI: Joint Mobility Processing Center	41,650	41,650
Navy	Souda Bay	EDI: Marathi Logistics Support Center	6,200	6,200
Navy	Italy Sigonella	EDI: P-8A Taxiway	66,050	66,050
Navy	Spain Rota	EDI: Port Operations Facilities	21,590	21,590
Navy	United Kingdom Lossiemouth	EDI: P-8 Base Improvements	79,130	79,130
Navy	Worldwide Unspecified Unspecified Worldwide Locations	EDI: Planning and Design	12,700	12,700
Military Construction, Navy Total			227,320	227,320
AF	Germany Ramstein AB	EDI: KMC DABS-FEV/RH Storage Warehouses	119,000	119,000
AF	Norway Rygge	EDI: Construct Taxiway	13,800	13,800
	Qatar			

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
AF	Al Udeid	Flight line Support Facilities	0	30,400
AF	Al Udeid	Personnel Deployment Processing Facility	0	40,000
AF	Slovakia			
	Malacky	EDI: Regional Munitions Storage Area	59,000	59,000
	United Kingdom			
AF	RAF Fairford	EDI: Construct DABS-FEV Storage	87,000	87,000
AF	RAF Fairford	EDI: Munitions Holding Area	19,000	19,000
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	EDI: Planning & Design Funds	48,000	46,600
Military Construction, Air Force Total			345,800	414,800
	Estonia			
Def-Wide	Unspecified Estonia	EDI: SOF Operations Facility	6,100	6,100
Def-Wide	Unspecified Estonia	EDI: SOF Training Facility	9,600	9,600
	Qatar			
Def-Wide	Al Udeid	Trans-Regional Logistics Complex	60,000	60,000
	Worldwide Unspecified			
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
Military Construction, Defense-Wide Total			87,050	87,050
Total, Military Construction			921,420	921,420

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)		
Program	FY 2019 Request	House Authorized
Discretionary Summary By Appropriation		
Energy And Water Development, And Related Agencies		
Appropriation Summary:		
Energy Programs		
Nuclear Energy	136,090	136,090
Atomic Energy Defense Activities		
National nuclear security administration:		
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
Total, National nuclear security administration	15,091,050	15,398,050
Environmental and other defense activities:		
Defense environmental cleanup	5,630,217	5,680,217
Other defense activities	853,300	853,300
Defense nuclear waste disposal	30,000	30,000
Total, Environmental & other defense activities	6,513,517	6,563,517
Total, Atomic Energy Defense Activities	21,604,567	21,961,567
Total, Discretionary Funding	21,740,657	22,097,657
Nuclear Energy		
Idaho sitewide safeguards and security	136,090	136,090
Total, Nuclear Energy	136,090	136,090

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
Weapons Activities		
Directed stockpile work		
Life extension programs and major alterations		
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
Total, Life extension programs and major alterations	1,919,988	1,919,988
Stockpile systems		
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
Total, Stockpile systems	619,482	619,482
Weapons dismantlement and disposition		
Operations and maintenance	56,000	56,000
Stockpile services		
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]
Total, Stockpile services	1,068,363	1,060,363
Strategic materials		
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
Total, Strategic materials	1,002,372	1,002,372
Total, Directed stockpile work	4,666,205	4,658,205
Research, development, test and evaluation (RDT&E)		
Science		
Advanced certification	57,710	57,710
Primary assessment technologies	95,057	93,057
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
Total, Science	564,860	559,860
Engineering		
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]
Total, Engineering	211,367	217,367
Inertial confinement fusion ignition and high yield		
Ignition	22,434	42,434
Maintain sustainable levels		[20,000]

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
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]
Total, Inertial confinement fusion and high yield	418,927	467,927
Advanced simulation and computing		
Advanced simulation and computing	656,401	656,401
Construction:		
18-D-670, Exascale Class Computer Cooling Equipment, LANL	24,000	24,000
18-D-620, Exascale Computing Facility Modernization Project, LLNL	23,000	23,000
Total, Construction	47,000	47,000
Total, Advanced simulation and computing	703,401	703,401
Advanced manufacturing		
Additive manufacturing	17,447	17,447
Component manufacturing development	48,477	48,477
Process technology development	30,914	30,914
Total, Advanced manufacturing	96,838	96,838
Total, RDT&E	1,995,393	2,045,393
Infrastructure and operations		
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]
Recapitalization:		
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]
Total, Recapitalization	540,688	611,688
Construction:		
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
Total, Construction	1,091,048	1,126,048
Total, Infrastructure and operations	3,002,736	3,147,736
Secure transportation asset		
Operations and equipment	176,617	176,617
Program direction	102,022	102,022
Total, Secure transportation asset	278,639	278,639
Defense nuclear security		
Operations and maintenance	690,638	701,638
Physical security infrastructure recapitalization and CSTART		[11,000]
Total, Defense nuclear security	690,638	701,638
Information technology and cybersecurity	221,175	221,175
Legacy contractor pensions	162,292	162,292
Total, Weapons Activities	11,017,078	11,215,078

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
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
Total, Global material security	337,108	337,108
Material management and minimization		
HEU reactor conversion	98,300	98,300
Nuclear material removal	32,925	32,925
Material disposition	200,869	200,869
Total, Material management & minimization	332,094	332,094
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]
Nonproliferation Construction:		
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
Total, Nonproliferation construction	279,000	394,000
Total, Defense Nuclear Nonproliferation Programs	1,534,000	1,661,000
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
Total, Defense Nuclear Nonproliferation	1,862,825	1,989,825
Naval Reactors		
Naval reactors development	514,951	514,951
Columbia-Class reactor systems development	138,000	138,000
S8G Prototype refueling	250,000	250,000
Naval reactors operations and infrastructure	525,764	525,764
Construction:		
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
Total, Construction	311,194	311,194
Program direction	48,709	48,709
Total, Naval Reactors	1,788,618	1,788,618
Federal Salaries And Expenses		
Program direction	422,529	404,529
Program decrease		[-18,000]
Total, Office Of The Administrator	422,529	404,529
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,889	4,889
Richland:		
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
Construction:		
18-D-404 WESF Modifications and Capsule Storage	1,000	1,000
Total, Construction	1,000	1,000
Total, Hanford site	658,171	708,171
Office of River Protection:		
Waste Treatment Immobilization Plant Commissioning	15,000	15,000
Rad liquid tank waste stabilization and disposition	677,460	677,460
Construction:		
15-D-409 Low activity waste pretreatment system, ORP	56,053	56,053

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
01-D-416 A-D WTP Subprojects A-D	675,000	675,000
01-D-416 E—Pretreatment Facility	15,000	15,000
Total, Construction	746,053	746,053
Total, Office of River protection	1,438,513	1,438,513
Idaho National Laboratory:		
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
Total, Idaho National Laboratory	349,226	349,226
NNSA sites and Nevada off-sites		
Lawrence Livermore National Laboratory	1,704	1,704
Nuclear facility D & D		
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
Total, NNSA sites and Nevada off-sites	271,069	271,069
Oak Ridge Reservation:		
OR Nuclear facility D & D		
OR-0041—D&D - Y-12	30,214	30,214
OR-0042—D&D -ORNL	60,007	60,007
Total, OR Nuclear facility D & D	90,221	90,221
U233 Disposition Program	45,000	45,000
OR cleanup and waste disposition		
OR cleanup and disposition	67,000	67,000
Construction:		
17-D-401 On-site waste disposal facility	5,000	5,000
14-D-403 Outfall 200 Mercury Treatment Facility	11,274	11,274
Total, Construction	16,274	16,274
Total, OR cleanup and waste disposition	83,274	83,274
OR community & regulatory support	4,711	4,711
OR technology development and deployment	3,000	3,000
Total, Oak Ridge Reservation	226,206	226,206
Savannah River Sites:		
Nuclear Material Management	351,331	351,331
Environmental Cleanup		
Environmental Cleanup	166,105	166,105
Construction:		
18-D-402, Emergency Operations Center	1,259	1,259
Total, Environmental Cleanup	167,364	167,364
SR community and regulatory support	4,749	4,749
Radioactive liquid tank waste stabilization and disposition	805,686	805,686
Construction:		
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
Total, Construction	143,693	143,693
Total, Savannah River site	1,472,823	1,472,823
Waste Isolation Pilot Plant		
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
Construction:		
15-D-411 Safety significant confinement ventilation system, WIPP	84,212	84,212
15-D-412 Exhaust shaft, WIPP	1,000	1,000
Total, Construction	85,212	85,212
Total, Waste Isolation Pilot Plant	396,907	396,907

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2019 Request	House Authorized
Program direction	300,000	300,000
Program support	6,979	6,979
Minority Serving Institution Partnership	6,000	6,000
Safeguards and Security		
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
Total, Safeguards and Security	324,434	324,434
Technology development	25,000	25,000
HQEF-0040—Excess Facilities	150,000	150,000
Total, Defense Environmental Cleanup	5,630,217	5,680,217
Other Defense Activities		
Environment, health, safety and security		
Environment, health, safety and security	135,194	135,194
Program direction	70,653	70,653
Total, Environment, Health, safety and security	205,847	205,847
Independent enterprise assessments		
Independent enterprise assessments	24,068	24,068
Program direction	52,702	52,702
Total, Independent enterprise assessments	76,770	76,770
Specialized security activities	254,378	254,378
Office of Legacy Management		
Legacy management	140,575	140,575
Program direction	18,302	18,302
Total, Office of Legacy Management	158,877	158,877
Defense related administrative support		
Chief financial officer	48,484	48,484
Chief information officer	96,793	96,793
Project management oversight and Assessments	8,412	8,412
Total, Defense related administrative support	153,689	153,689
Office of hearings and appeals	5,739	5,739
Subtotal, Other defense activities	855,300	855,300
Rescission of prior year balances (OHA)	-2,000	-2,000
Total, Other Defense Activities	853,300	853,300
Defense Nuclear Waste Disposal		
Yucca mountain and interim storage	30,000	30,000
Total, Defense Nuclear Waste Disposal	30,000	30,000

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.”.

