

**H.R. 6395—FY21 NATIONAL DEFENSE  
AUTHORIZATION BILL**

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# **DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS**

## **TITLE I—PROCUREMENT**

### **LEGISLATIVE PROVISIONS**

#### **SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS**

##### **Section 101—Authorization of Appropriations**

This section would authorize appropriations for procurement at the levels identified in section 4101 of division D of this Act.

## **TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**

### **LEGISLATIVE PROVISIONS**

#### **SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS**

##### **Section 201—Authorization of Appropriations**

This section would authorize appropriations for research, development, test, and evaluation at the levels identified in section 4201 of division D of this Act.

#### **SUBTITLE B—PROGRAM REQUIREMENTS, RESTRICTIONS, AND LIMITATIONS**

##### **Section 211—Modification of Science, Mathematics, and Research for Transformation (SMART) Defense Education Program**

This section would amend section 2192a of title 10, United States Code, by establishing a scholarship for service pilot subprogram under the Department's Science, Mathematics, and Research for Transformation Defense Education Program for students at minority institutions to diversify and strengthen the national security workforce. This section would require the Secretary of Defense to submit an initial report to the congressional defense committees by December 31, 2022, on the establishment of the pilot subprogram, and a final report by September 30, 2024, on the success of the pilot program in recruiting individuals for scholarships under this section and hiring and retaining those individuals in the public sector workforce.

##### **Section 213—Codification of the National Security Innovation Network**

This section would amend chapter 139 of title 10, United States Code, by inserting a new section 2358c, National Security Innovation Network. This new

section would establish a program office to be known as the National Security Innovation Network (formerly the MD5 National Security Technology Accelerator) as a permanent office within the Under Secretary of Defense for Research and Engineering or another organization at the discretion of the Secretary of Defense. This section would require the Secretary of Defense to submit a report no later than 180 days after the date of the enactment of this Act on the Department's plan to establish this office. This section would require the Comptroller General of the United States to submit a review of the report to the congressional defense committees not later than 180 days after the Secretary's implementation report. Finally, this section would require the Comptroller General to review and submit an evaluation of the program to the appropriate congressional committees not later than 3 years after the date of the enactment of this Act.

Additionally, the committee notes that Hacking for Defense (H4D) is authorized as a National Security Innovation and Entrepreneurial Education Program in the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) to enable Department of Defense innovation. H4D is a university course developed by U.S. military combat veterans and private sector entrepreneurs taught at universities across the United States in which students apply cutting-edge problem-solving techniques to real-world national security and defense problems. The committee finds that H4D supports solution development directly for the warfighter, improves U.S. military readiness, and stimulates growth within the National Security Innovation Base, consistent with the 2018 National Defense Strategy. Further, the committee believes H4D fosters the growth of an emerging generation of national security leaders and mission-driven entrepreneurs by improving and expanding the science, technology, engineering, and math skill sets within the U.S. workforce. The committee believes that the Department should fully resource H4D and its growing ecosystem of national security innovators and entrepreneurs through the provision of the annual funding required to enhance existing H4D university courses.

#### Section 216—Digital Data Management and Analytics Capability

This section would direct the Secretary of Defense to develop and implement an advanced digital data and analytics capability to digitally integrate all elements of the Department of Defense's acquisition process; digitally record and track all relevant data generated during the research, development, testing, and evaluation of systems; and maximize the use of such data to inform the further development and improvement of both acquisition systems and the acquisition process for those systems.

The committee is aware that several U.S. Government Accountability Office reports have cited the need for improved data management processes surrounding the Department's overall management framework. While most relevant data is government owned and authorized for Department-wide use, there is no enterprise mechanism facilitating the discovery, access, correlation or integration, and use of

acquisition-related data across organizational boundaries. Each functional organization has established and locally optimized its own data and analytic processes for its own needs, and in many cases even these local practices are highly manual and inefficient.

To this end, this section would direct the Secretary of Defense to conduct a significant review of data content and requirements to support management functions; implement demonstration activities to develop lessons learned and inform the way forward; conduct a comparative analysis that assesses the risks and benefits of the digital management and analytics capability relative to the Department's traditional data collection, reporting, exposing, and analysis approaches; and update the Department's policy and guidance based on the results of the demonstration activities.

This section would also require the Defense Innovation Board, in consultation with the Defense Digital Service, to conduct an independent assessment and submit a report to both the Secretary and the congressional defense committees no later than 180 days from enactment of this Act on recommended approaches for implementation of the capability. This section would then require the Secretary to submit an implementation report to the congressional defense committees not later than 90 days after the Defense Innovation Board's assessment. Finally, it would require the Defense Innovation Board and the Defense Science Board to submit an independent joint assessment on the Department's progress by March 15, 2022.

## TITLE III—OPERATION AND MAINTENANCE

### LEGISLATIVE PROVISIONS

#### SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

##### Section 301—Authorization of Appropriations

This section would authorize appropriations for operation and maintenance activities at the levels identified in section 4301 of division D of this Act.

#### SUBTITLE C—LOGISTICS AND SUSTAINMENT

##### Section 333—Independent Advisory Panel on Weapon System Sustainment

This section would require the Secretary of Defense to establish an independent advisory panel to conduct a review and make recommendations related to the weapon system sustainment ecosystem.

##### Section 335—Materiel Readiness Metrics and Objectives for Major Weapon Systems

This section would amend section 118 of title 10, United States Code, to require the Department of Defense to develop materiel readiness metrics and objectives for major weapon systems, to regularly review and update the metrics and objectives, and report on them with the annual budget request.

#### SUBTITLE E—OTHER MATTERS

##### Section 351—Pilot Program for Temporary Issuance of Maternity-Related Uniform Items

This section would authorize the Defense Logistics Agency to create a pilot program to issue maternity uniforms to pregnant service members at no cost to the service member. The authority to carry out the pilot program would terminate on September 30, 2026.

##### Section 352—Servicewomen's Commemorative Partnerships

This section would authorize the Secretary of the Army to enter into a contract, partnership, or grant with a non-profit organization for the purpose of providing financial support for the maintenance and sustainment of infrastructure and facilities at military service memorials and museums that highlight the role of women in the military.

### TITLE V—MILITARY PERSONNEL POLICY

#### LEGISLATIVE PROVISIONS

##### SUBTITLE F—MILITARY FAMILY READINESS AND DEPENDENTS' EDUCATION

##### Section 554—Continued Assistance to Schools with Significant Numbers of Military Dependent Students

This section would authorize \$40.0 million for the purpose of providing assistance to local educational agencies with military dependent students, and \$10.0 million for local educational agencies eligible to receive a payment for children with severe disabilities.

### TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

#### LEGISLATIVE PROVISIONS

##### SUBTITLE A—PAY AND ALLOWANCES

Section 603—Reorganization of Certain Allowances other than Travel and  
Transportation Allowances

This section would make two technical amendments to title 37, United States Code, enabling the Department of Defense to transfer these two provisions from chapter 8 of that title back to chapter 7 of title 37.

SUBTITLE C—FAMILY AND SURVIVOR BENEFITS

Section 624—Study on Feasibility of TSP Contributions by Military Spouses

This section would direct the Secretary of Defense to study the feasibility of authorizing a spouse to contribute to the Thrift Savings Plan account of their service member spouse.

SUBTITLE E—OTHER PERSONNEL BENEFITS

Section 641—Maintenance of Funding for Stars and Stripes

This section would maintain the enacted fiscal year 2020 funding levels for Stars and Stripes, and would require the Secretary of Defense to submit a report to the Committee on Armed Services of the House of Representatives detailing a business case analysis to maintain Stars and Stripes as an information benefit to service members.

TITLE VIII—ACQUISITION POLICY, ACQUISITION  
MANAGEMENT, AND RELATED MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—ACQUISITION POLICY AND MANAGEMENT

Section 801—Congressional Notification of Termination of a Middle Tier Acquisition  
Program

This section would modify section 804 of the National Defense Authorization Act for Fiscal Year 2016 (2302 note of title 10, United States Code) to direct the Secretary of Defense to provide notification to the congressional defense committees 30 days after a program is terminated that used the "middle tier" of acquisition authority.

Section 802—Modification to the Definition of Nontraditional Defense Contractor

This section would amend section 2302(9) of title 10, United States Code, by adding to the term "nontraditional defense contractor" under the Other Transaction Authority an entity that is owned entirely by an employee stock ownership plan.

#### Section 803—Contractor Business Systems

This section would amend section 893 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383; note 2302 of title 10, United States Code) by replacing “significant deficiency” with the term “material weakness.” The committee notes that the proposed revised definition will better align review and approval of contractor business systems with generally accepted commercial and government auditing standards.

#### Section 804—Acquisition Authority of the Director of the Joint Artificial Intelligence Center

This section would authorize the Director of the Joint Artificial Intelligence Center with responsibility for the development, acquisition, and sustainment of artificial intelligence technologies, services, and capabilities through fiscal year 2025.

#### SUBTITLE B—AMENDMENTS TO GENERAL CONTRACTING AUTHORITIES, PROCEDURES, AND LIMITATIONS

#### Section 811—Contractor Whistleblower Protections Relating to Nondisclosure Agreements

This section would amend section 2409 of title 10, United States Code, and section 4712 of title 41, United States Code, to clarify that contractors, subcontractors, or grantees are protected from reprisal for disclosure of certain information, including gross mismanagement of a Federal contract or grant or an abuse of authority relating to a Federal contract or grant.

#### Section 812—Inclusion of Optical Transmission Components in the Analytical Framework for Supply Chain Risks

This section would amend section 2509(b)(2)(A)(ii) of title 10, United States Code, by striking the phrase “(other than optical transmission components)” .

#### Section 813—Modifications to Comptroller General Assessment of Acquisition Programs and Related Initiatives

This section would amend section 2229b(b)(2) of title 10, United States Code, to allow the Comptroller General of the United States to include key analysis



of organizational, policy, and legislative changes at the Department of Defense that predate its most recent annual assessment.

#### Section 814—Amendment to Definition of Qualified Apprentice

This section would strike paragraph three (3) of section 2870(d) of title 10, United States Code, as added by section 865 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92).

#### Section 815—Contract Closeout Authority for Services Contracts

This section would amend section 836 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by reducing the contract closeout period from the current 17 years to 7 years for service contracts, but no less than the Federal Acquisition Regulation's record retention requirements. This section would also direct the Secretary of Defense, acting through the Director of the Defense Contract Management Agency, to establish and maintain a centralized capability with necessary expertise and resources to provide oversight of the closeout of a contract or group of contracts covered by this section.

#### Section 816—Disclosure of Beneficial Owners in Database for Federal Agency Contract and Grant Officers

This section would amend section 2313 of title 41, United States Code, and require the database used by Federal agency contract and grant officers for contractor responsibility determinations to reflect information about contractors' beneficial owners.

#### Section 817—Sustainment Reform for the Department of Defense

This section would amend section 113 of title 10, United States Code, to add a requirement to develop a strategic framework for prioritizing and integrating activities relating to sustainment of major defense acquisition programs. This section would also clarify additional responsibilities of the Under Secretary of Defense for Acquisition and Sustainment.

### SUBTITLE C—INDUSTRIAL BASE MATTERS

#### Section 821—Quarterly National Technology and Industrial Base Briefings

This section would amend section 2504 of title 10, United States Code, to require quarterly briefings to monitor progress toward eliminating gaps or vulnerabilities in the industrial base as identified in the Annual Industrial Capabilities Report to Congress, as required by section 2504 of title 10, United States Code.

## Section 822—Modifications to Supervision and Award of Certain Contracts

This section would amend section 2851 of title 10, United States Code, to direct the Department of Defense to publicly post identifying information on military construction contracts once awarded in the Federal Register and require prime contractors for military construction projects to publicly post all available subcontracting work of \$250,000 or more on relevant websites of the Small Business Administration and General Services Administration. This section would also amend section 644 of title 15, United States Code, to allow Federal agencies to award additional small business credit toward meeting subcontracting goals for awarding a contract to a local business.

## Section 823—Amendments to Submissions to Congress Relating to Certain Foreign Military Sales

This section would amend section 887(b)(1) and section 887(b)(2) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) to revise the reporting requirements and to extend the sunsets of the quarterly and annual reports to December 31, 2024.

## Section 824—Revisions to Requirement to Use Firm Fixed-Price Contracts for Foreign Military Sales

This section would amend section 830 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by applying the requirement for firm, fixed-price type contract vehicles exclusively to production contracts for foreign military sales cases whether on a stand-alone contract, on a mixed contract for both domestic and foreign military sales production, or on a mixed contract for both international cooperative program and foreign military sales production.

## Section 825—Small Business Industrial Base Resiliency Program

This section would establish the Small Business Industrial Base Resiliency Program and would authorize the Assistant Secretary of Defense Industrial Base Policy to enter into transactions to purchase or make a commitment to purchase goods or services from small business concerns in response to the COVID-19 pandemic. These transactions are intended to support the monitoring and assessment of small businesses in the defense industrial base by addressing critical issues in the small business industrial base relating to urgent operational needs in response to the pandemic, supporting efforts to expand the small business industrial base in response to the pandemic, and addressing supply chain vulnerabilities related to the pandemic for small businesses.

## Section 826—Assessment of the Requirements Processes of the Military Departments

This section would require the Secretary of each military department to conduct an assessment of the requirements process and to each submit a report by March 31, 2021, with recommendations to improve the agility and timeliness of such requirements process for acquisition programs of the military department.

The committee notes that recent reforms to shift authority for acquisition and requirements decisions to the military departments have placed increasing importance on the efficiency and effectiveness of the military departments' requirements processes. However, the committee is concerned that the military departments' requirements processes, including the extent to which they are aligned with the acquisition system and the budget process, continue to hinder the development of timely, realistic, and achievable requirements. Moreover, the committee believes that recent efforts of the Department of Defense to implement its adaptive acquisition framework call for a new look at how requirements are generated within each of the acquisition pathways in this framework (including major capability acquisition, middle tier of acquisition, software acquisition, and the acquisition of services, among others) to the benefit of the defense acquisition system.

## Section 827—Report on Transfer and Consolidation of Certain Defense Acquisition Statutes

This section would require the Secretary of Defense to submit a report to the congressional defense committees with a proposal for the transfer and consolidation of certain defense acquisition statutes within the framework of part V of subtitle A of title 10, United States Code (as enacted by section 801 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232)) by February 21, 2021.

# TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

## LEGISLATIVE PROVISIONS

### Section 901—Assistant Secretary of Defense for Industrial Base Policy

This section would amend section 138 of title 10, United States Code, to require one of the Assistant Secretaries to be the Assistant Secretary of Defense for Industrial Base Policy, whose principal duty would be the overall supervision of policy of the Department of Defense for developing and maintaining the defense industrial base of the United States and ensuring a secure supply of materials critical to national security. This section would also make conforming changes.

## Section 902—Assistant Secretary of Defense for Space and Strategic Deterrence Policy

This section would amend paragraph (5) of section 138(b) of title 10, United States Code, to require one of the Assistant Secretaries to be the Assistant Secretary of Defense for Space and Strategic Deterrence Policy, whose principal duty would be the overall supervision of policy of the Department of Defense for space, nuclear deterrence, and missile defense. This section would also make conforming changes.

## Section 904—Establishment of Deputy Assistant Secretaries for Sustainment

This section would require the military departments to each establish a position of a Deputy Assistant Secretary for Sustainment and would outline the responsibilities of each position.

# TITLE X—GENERAL PROVISIONS

## LEGISLATIVE PROVISIONS

### SUBTITLE A—FINANCIAL MATTERS

#### Section 1001—General Transfer Authority

This section would allow the Secretary of Defense, with certain limitations, to make transfers between amounts authorized for fiscal year 2020 in division A of this Act. This section would limit the total amount transferred under this authority to \$4.00 billion.

#### Section 1002—Determination of Budgetary Effects

This section would state the budgetary effects of this Act for the purpose of complying with the Statutory Pay-As-You-Go Act of 2010.

#### Section 1003—Pandemic Preparedness and Resilience National Security Fund

This section would provide limitations and additional authorities for the amounts authorized to be appropriated for Research and Development, Defense-Wide, Pandemic Preparedness and Resilience National Security Fund. It would also establish a notice requirement for transfers from the Fund, and would exempt transfers under this section from counting towards the dollar amount limitation under section 1001.

### SUBTITLE B—COUNTERDRUG ACTIVITIES

Section 1011—Support for Counterdrug Activities and Activities to Counter Transnational Organized Crime Affecting Flow of Drugs into the United States

This section would modify the authority to provide support to other agencies for counterdrug activities and activities to counter transnational organized crime.

Section 1012—Congressional Notification with Respect to Department of Defense Support Provided to Other United States Agencies for Counterdrug Activities and Activities to Counter Transnational Organized Crime

This section would clarify notification requirements for subsection (b) of the authority to provide support to other agencies for counterdrug activities and activities to counter transnational organized crime.

SUBTITLE C—NAVAL VESSELS

Section 1024—Preference for United States Vessels in Transporting Supplies by Sea

This section would amend section 2631 of title 10, United States Code, to increase compliance with military cargo preference requirements.

SUBTITLE D—COUNTERTERRORISM

Section 1031—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba, to Certain Countries

This section would prohibit the use of funding authorized to be appropriated or otherwise made available for the Department of Defense during the period beginning on the date of the enactment of this Act and ending on December 31, 2021, to transfer, release, or assist in the transfer or release of any individual detained at U.S. Naval Station, Guantanamo Bay, Cuba, to Libya, Somalia, Syria, and Yemen.

SUBTITLE E—MISCELLANEOUS AUTHORITIES AND LIMITATIONS

Section 1043—Modification and Technical Correction to Department of Defense Authority to Provide Assistance Along the Southern Land Border of the United States

This section would modify the authority under section 1059 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require the Secretary of Defense to fully consider readiness, mission, and task alignment to requested support from Custom and Border Protection, when determining the

Department of Defense's ability to provide assistance to secure the United States southern land border. Additionally, this section would add reporting requirements.

#### Section 1045—Requirements Relating to Newest Generations of Personal Protective Equipment

This section would require the Secretaries of the military departments to each submit a report on the fielding of the newest generations of personal protective equipment to the Armed Forces, to include: the numbers (aggregated by total number and by sex) of Modular Scaleable Vests and Marine Corps Plate Carrier Generation III; and a description and assessment of the barriers, if any, to the development and fielding of such generations of equipment, including cost overruns, contractor delays, and other challenges. This section would also require the Director of the Defense Health Agency to develop and maintain a system for tracking data on injuries among service members and for the Periodic Health Assessment of members of the Armed Forces to include one or more questions on whether members incurred an injury in connection with ill-fitting or malfunctioning personal protective equipment.

#### Section 1046—Prohibition on Use of Funds for Retirement of A-10 Aircraft

This section would prohibit the Secretary of the Air Force from implementing any actions during fiscal year 2021 that would retire, prepare to retire, or place into storage or back-up aircraft inventory any A-10 aircraft unless the Secretary determines on a case-by-case basis an aircraft is no longer mission capable due to a mishap or damage that is uneconomical to repair.

## TITLE XI—CIVILIAN PERSONNEL MATTERS

### LEGISLATIVE PROVISIONS

#### Section 1101—Family and Medical Leave Amendments

This section would make technical corrections relating to parental leave for Federal employees.

#### Section 1102—Exercise of Delegated Authority under the Federal Service Labor-Management Relations Statute

This section would require the Secretary of Defense to submit a report, not later than October 31, 2020, to the congressional defense committees describing the conditions under which the Secretary would exercise the authority under 7103(b) of title 5, United States Code, delegated to the Secretary by the President on January 29, 2020. In addition, this section would prohibit the Secretary from excluding any Department of Defense agency or subdivision from collective bargaining rights until

30 days after the Secretary submits a report to the congressional defense committees.

#### Section 1106—Limiting the Number of Local Wage Areas Defined within a Pay Locality

This section would amend section 5343 of title 5, United States Code, to prohibit the Office of Personnel Management from including more than one local wage area within a General Schedule pay locality in order to align Federal Wage System Areas with General Schedule locality pay areas.

## TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

### LEGISLATIVE PROVISIONS

#### SUBTITLE A—ASSISTANCE AND TRAINING

##### Section 1201—Extension of Report on Workforce Development

This section would extend a report on Department of Defense security cooperation workforce development, as required by section 1250 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by 5 years.

#### SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN

##### Section 1211—Extension and Modification of Authority for Reimbursement of Certain Coalition Nations for Support Provided to United States Military Operations

This section would extend through December 31, 2021, the authority to make Coalition Support Fund payments under section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181) as most recently amended by section 1217 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92).

##### Section 1212—Extension of the Afghan Special Immigrant Visa Program

This section would extend the Afghan Allies Protection Act of 2009 (Public Law 111-8) as well as extend an expiring report.

The committee notes the critical importance of the Special Immigrant Visa Program for U.S. Government operations in Afghanistan. Last year's modification and extension reinforce the importance of this program by authorizing 4,000 additional visas and returning applicant eligibility requirements to the original criteria set forth in the Afghan Allies Protection Act of 2009. This year, the committee extended Department of Defense and Department of State reporting

requirements to ensure the program is executed efficiently. The committee remains committed to Afghan citizens who, at great personal risk, support United States operations in Afghanistan.

#### SUBTITLE C—MATTERS RELATING TO SYRIA, IRAQ, AND IRAN

##### Section 1221—Extension and Modification of Authority to Provide Assistance to Counter the Islamic State of Iraq and Syria

This section would modify section 1236 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291) to provide assistance to the security forces of the Government of Iraq to counter the Islamic State of Iraq and Syria and extend the authority through December 31, 2021. This section would also require the Secretary of Defense to submit an annual report detailing the weapons and equipment purchased using the Counter-ISIS Train and Equip Fund, as well as the incremental costs for operations and maintenance for Operation Inherent Resolve (OIR) in the previous fiscal year. This section would also require the Department to submit annual budget justifications for OIR for fiscal years 2022 and 2023.

##### Section 1222—Extension of Authority to Provide Assistance to the Vetted Syrian Opposition

This section would extend and modify section 1209 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291), by extending the authority to support vetted Syrian groups and individuals through December 30, 2021, and the required notice before the provision of assistance. This section would also direct the Secretary of Defense to certify to the House Committee on Armed Services, the Senate Committee on Armed Services, the House Committee on Foreign Affairs, and the Senate Committee on Foreign Relations within 30 days of the date of the enactment of this Act that no U.S. military forces are being used or have been used for the extraction, transport, transfer, or sale of oil from Syria.

##### Section 1223—Extension of Authority to Support Operations and Activities of the Office of Security Cooperation in Iraq

This section would extend section 1215 of the National Defense Authorization Act for Fiscal Year 2012 (10 U.S.C. 113), the Office of Security Cooperation-Iraq authority, as most recently amended by section 1223 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92), through fiscal year 2021. It would limit the expenditure of funds pending the submission of the certification required by section 1223 of Public Law 116-92.



## Section 1224—Prohibition on Provision of Weapons and Other Forms of Support to Certain Organizations

This section would prohibit the use of funds authorized to be appropriated by this Act to the Department of Defense for fiscal year 2021 to provide weapons or any form of support to al-Qaeda, the Islamic State of Iraq and Syria, Jabhat Fateh al Sham, Hamas, Hizballah, Palestinian Islamic Jihad, al-Shabaab, Islamic Revolutionary Guard Corps, or any individual or group associated with these organization.

### SUBTITLE D—MATTERS RELATING TO RUSSIA

## Section 1231—Prohibition on Availability of Funds Relating to Sovereignty of the Russian Federation over Crimea

This section would extend by 1 year the prohibition imposed by section 1245 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by section 1232 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92). This section would prohibit the use of fiscal year 2021 funds to implement any activity that recognizes the sovereignty of Russia over Crimea. This section would also allow the Secretary of Defense, with the concurrence of the Secretary of State, to waive the prohibition if the Secretary of Defense determines that doing so would be in the national security interest of the United States and submits a notification to the House Committee on Armed Services, the Senate Committee on Armed Services, the Senate Committee on Foreign Relations, and the House Committee on Foreign Affairs.

## Section 1232—Extension of Limitation on Military Cooperation between the United States and the Russian Federation

This section would extend for 1 year section 1232(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), as most recently amended by section 1231 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92). This section would limit the use of fiscal year 2021 funds for bilateral military-to-military cooperation between the Government of the United States and Russia until the Secretary of Defense, in coordination with the Secretary of State, provides a certification to appropriate congressional committees relating to certain actions by Russia. This extension includes a rule of construction that nothing in the provision shall be construed to limit bilateral military-to-military dialogue for the purpose of reducing the risk of conflict.

## Section 1233—Modification and Extension of Ukraine Security Assistance Initiative

This section would extend by one year section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), most recently amended

by section 1244 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92), to authorize the Secretary of Defense to provide security assistance and intelligence support to the Government of Ukraine, with the concurrence of the Secretary of State. This section would also authorize \$250.0 million to carry out this authority in fiscal year 2021.

This section would extend for 2 years the reports on military assistance to Ukraine required in section 1275(e) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291).

#### Section 1234—United States Participation in Open Skies Treaty

This section would require that in the event of a provision of notice of intent to withdraw the United States from the Open Skies Treaty, the Secretary of Defense and Secretary of State jointly shall submit to the appropriate defense committees either:

(1) a notification that agreements are in place with other state parties that host U.S. military forces and assets to ensure that after such withdrawal the U.S. will be provided sufficient notice of observation flights over the territory of those state parties under the Treaty; or,

(2) if agreements are not in place, a description of how the U.S. will consistently and reliably be provided sufficient warning of observation flights described above, including a description of assets, personnel, and policy implications of using such other means.

This section would also require the Secretary of Defense and Secretary of State, in coordination with the Director of National Intelligence, to jointly submit a report of the impacts of potential future U.S. withdrawal on:

(1) collaboration with allies, U.S. leadership in the North Atlantic Treaty Organization, and continued dialogue with Russia that the Treaty offers,

(2) how imagery captured under the Treaty will be replaced,

(3) how intelligence gained under the Treaty will be replaced, and

(4) the ability of the U.S. to influence future decisions on certification of new sensors within the Treaty that could pose a threat to deployed U.S. military personnel and assets.

The report would also include unedited correspondence between the U.S. and Treaty state parties with respect to potential U.S. withdrawal.

#### SUBTITLE E—MATTERS RELATING TO THE INDO-PACIFIC REGION

#### Section 1241—Indo-Pacific Reassurance Initiative

This section would direct the Secretary of Defense to carry out a program of prioritized activities to reassure United States allies and partners, appropriately prioritize activities and resources to implement the National Defense Strategy, and enhance the ability of Congress to provide oversight of an support to Department of

Defense efforts. It would define five objectives for an Indo-Pacific Reassurance Initiative: (1) optimizing the presence of U.S. Armed Forces in the Indo-Pacific; (2) strengthening and maintaining bilateral and multilateral military exercises and training with partners and allies in the Indo-Pacific; (3) improving infrastructure in the Indo-Pacific to enhance the responsiveness of U.S. Armed Forces; (4) enhancing the prepositioning of equipment and materiel in the Indo-Pacific; and (5) building the defense and security capabilities, capacity, and cooperation of partners and allies in the Indo-Pacific. This section would also require a future years plan on activities and resources of the Initiative, a budget justification for the Initiative, an end of fiscal year report, and a briefing on funds obligated for the Initiative.

#### Section 1242—Report on China's One Belt, One Road Initiative in Africa

This section would direct the Secretary of Defense to provide a report not later than 1 year after the date of the enactment of this Act on China's One Belt, One Road Initiative in Africa. Such report shall include a strategy to address impacts on United States military and defense interests in Africa.

#### Section 1244—Limitation on Use of Funds to Reduce the Total Number of Members of the Armed Forces Serving on Active Duty Who Are Deployed to South Korea

This section would prohibit the use of funds authorized to be appropriated by this Act to reduce the number of members of the Armed Forces serving on Active Duty in the Republic of Korea below 28,500 until 180 days after the date that the Secretary of Defense certifies to the congressional defense committees that such a reduction is in the national security interest of the United States, will not significantly undermine the security of the United States' allies in the region, is commensurate with a reduction in the threat posed by North Korea, that South Korea is capable of deterring a conflict, and the Secretary has appropriately consulted with allies of the United States regarding such a reduction.

### SUBTITLE F—OTHER MATTERS

#### Section 1251—Consolidated Budget Display and Report on Operation Spartan Shield

This section would require the Secretary of Defense to provide a report to the House Committee on Armed Services not later than 180 days after the date of the enactment of this Act, and annually thereafter in fiscal years 2022 and 2023, on Operation Spartan Shield. This section would also require the Department to submit annual budget justifications for Operation Spartan Shield for fiscal years 2022 and 2023.

#### Section 1252—Report on Operation Freedom Sentinel

This section would direct the Secretary of Defense to provide a report on Operation Freedom Sentinel activities to the House Committee on Armed Services and the Senate Committee on Armed Services not later than 90 days after the date of the enactment of this Act and with each Presidential budget request for the following 2 fiscal years. The report would include specific direct war requests, costs that occur inside and outside the geographical boundaries of Afghanistan, activities that fund the services, as well as transportation and logistical support.

#### Section 1253—Report Relating to a Reduction in the Total Number of United States Armed Forces Deployed to United States Africa Command Area of Responsibility

This section would require a report to Congress 60 days after enactment of this Act on the average total number of United States Armed Forces under the direct authority of the Commander of United States Africa Command and deployed to the United States Africa Command area of responsibility and a follow up report not later than 90 days after enactment of this Act should the Department reduce the total number of United States Armed Forces under the direct authority of the Commander of United States Africa Command and deployed to the United States Africa Command area of responsibility.

#### Section 1254—Rule of Construction Relating to Use of Military Force

This section would establish that nothing in this Act or any amendment made by this Act may be construed to authorize the use of military force.

### TITLE XIII—COOPERATIVE THREAT REDUCTION

#### LEGISLATIVE PROVISIONS

#### Section 1301—Funding Allocations; Specification of Cooperative Threat Reduction Funds

This section would allocate specific funding amounts for each program under the Department of Defense Cooperative Threat Reduction (CTR) Program from within the overall \$373.7 million that the committee would authorize for the Cooperative Threat Reduction Program. The allocation under this section reflects the amount of the budget request for fiscal year 2021.

This section would specify that funds authorized to be appropriated to the Department of Defense for the Cooperative Threat Reduction Program, established under the Department of Defense Cooperative Threat Reduction Act (50 U.S.C. 3711), would be available for obligation for fiscal years 2021, 2022, and 2023.

### TITLE XIV—OTHER AUTHORIZATIONS

## LEGISLATIVE PROVISIONS

### SUBTITLE A—MILITARY PROGRAMS

#### Section 1401—Working Capital Funds

This section would authorize appropriations for Defense Working Capital Funds at the levels identified in section 4501 of division D of this Act.

#### Section 1402—Chemical Agents and Munitions Destruction, Defense

This section would authorize appropriations for Chemical Agents and Munitions Destruction, Defense at the levels identified in section 4501 of division D of this Act.

#### Section 1403—Drug Interdiction and Counter-Drug Activities, Defense-Wide

This section would authorize appropriations for Drug Interdiction and Counter-Drug Activities, Defense-wide at the levels identified in section 4501 of division D of this Act.

#### Section 1404—Defense Inspector General

This section would authorize appropriations for the Office of the Inspector General at the levels identified in section 4501 of division D of this Act.

#### Section 1405—Defense Health Program

This section would authorize appropriations for the Defense Health Program at the levels identified in section 4501 of division D of this Act.

#### Section 1406—National Defense Sealift Fund

This section would authorize appropriations for the National Defense Sealift Fund at the levels identified in section 4501 of division D of this Act.

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

### LEGISLATIVE PROVISIONS

#### SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

#### Section 1501—Purpose

This section would establish the purpose of this title and make authorization of appropriations available upon enactment of this Act for the Department of Defense, in addition to amounts otherwise authorized in this Act, to provide for additional authorization of funds due to overseas contingency operations and other additional funding requirements.

#### Section 1502—Procurement

This section would authorize additional appropriations for procurement at the levels identified in section 4102 of division D of this Act.

#### Section 1503—Research, Development, Test, and Evaluation

This section would authorize additional appropriations for research, development, test, and evaluation at the levels identified in section 4202 of division D of this Act.

#### Section 1504—Operation and Maintenance

This section would authorize additional appropriations for operation and maintenance programs at the levels identified in section 4302 of division D of this Act.

#### Section 1505—Military Personnel

This section would authorize additional appropriations for military personnel at the levels identified in section 4402 of division D of this Act.

#### Section 1506—Working Capital Funds

This section would authorize additional appropriations for Defense Working Capital Funds at the levels identified in section 4502 of division D of this Act.

#### Section 1507—Drug Interdiction and Counter-Drug Activities, Defense-Wide

This section would authorize additional appropriations for Drug Interdiction and Counter-Drug Activities, Defense-Wide, at the levels identified in section 4502 of division D of this Act.

#### Section 1508—Defense Inspector General

This section would authorize additional appropriations for the Office of the Inspector General at the levels identified in section 4502 of division D of this Act.

#### Section 1509—Defense Health Program

This section would authorize additional appropriations for the Defense Health Program at the levels identified in section 4502 of division D of this Act.

#### SUBTITLE B—FINANCIAL MATTERS

##### Section 1511—Treatment as Additional Authorizations

This section would state that amounts authorized to be appropriated by this title are in addition to amounts otherwise authorized to be appropriated by this Act.

##### Section 1512—Special Transfer Authority

This section would authorize the transfer of up to \$2.50 billion of additional war-related funding authorizations in this title among the accounts in this title.

#### SUBTITLE C—OTHER MATTERS

##### Section 1521—Afghanistan Security Forces Fund

This section would extend the Afghanistan Security Forces Fund through fiscal year 2021. This section would also set a goal of using \$29.1 million to support, to the extent practicable, the efforts of the Government of Afghanistan to promote the recruitment, training, integration, and retention of Afghan women into the Afghan National Defense and Security Forces.

This section would also continue to require the Secretary of Defense, in consultation with the Secretary of State, to submit an assessment of the Government of Afghanistan's ability to meet shared security objectives and manage, employ, and sustain equipment divested under the Afghanistan Security Forces Fund. If the results of said assessment were unfavorable, the Secretary of Defense would be required to withhold assistance under the Afghanistan Security Forces Fund.

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

#### LEGISLATIVE PROVISIONS

##### SUBTITLE A—SPACE ACTIVITIES

##### Section 1603—National Security Space Launch Program

This section would prohibit changes to the phase 2 acquisition strategy of the National Security Space Launch program, including with regard to mission performance requirements, acquisition schedule, and the selection of two launch

providers. It would also mandate that the period for ordering phase 2 launch missions end by September 2024, cap the Launch Services Agreement funding amount for providers selected for phase 2, and require a termination date for Launch Services Agreements with providers not selected for phase 2.

This section would also require a certification on reusability of previously-flown launch hardware. In addition, this section would require the Secretary to begin investments toward phase 3 to maintain competition and support innovation, by providing up to \$150.0 million for the Secretary to conduct a full and open competition and enter into three agreements to fund certification and infrastructure requirements and transformational technologies.

This section would also include a rule of construction about not delaying phase 2 awards.

#### SUBTITLE B—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES

##### Section 1611—Validation of Capability Requirements of National Geospatial-Intelligence Agency

This section would amend section 442 of title 10, United States Code, to require the National Geospatial-Intelligence Agency to assist the Joint Chiefs of Staff, combatant commands, and the military departments in establishing coordinating, consolidating, and validating mapping, charting, geodetic data, and safety of navigation capability requirements through a formal process governed by the Joint Staff.

##### Section 1612—National Academies Climate Security Roundtable

This section would require the Under Secretary of Defense for Intelligence and Security, in coordination with the Director of National Intelligence, to enter into a joint agreement with the National Academies of Science to create a new “National Academies Climate Security Roundtable” for the purpose of establishing best practices for identifying and disseminating climate indicators and warnings to ensure that environmental security is included in operational planning and intelligence analysis. This roundtable would support the work of the Climate Security Advisory Council.

#### SUBTITLE C—CYBERSPACE-RELATED MATTERS

##### Section 1622—Cyberspace Solarium Commission

This section would modify section 1652 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232) to update the Cyberspace Solarium Commission's membership. Additionally, this section would permit the organization to extend further for the purposes of providing regular



updates to the legislative and executive branches on the implementation of the Commission's findings.

#### Section 1624—Responsibility for the Sector Risk Management Agency Function of the Department of Defense

This section would assign full responsibility for certification, coordination, harmonization, and deconfliction of the various efforts, initiatives, and programs that the Department of Defense manages in the furtherance of its responsibilities as the Sector-Specific Agency (SSA) for the Defense Industrial Base to the Principal Cyber Advisor. Presently, the Department is the only SSA that has not unified its various physical and cybersecurity efforts under one organization. For the purposes of carrying out its SSA mission, the Principal Cyber Advisor will be tasked with the management of all functions associated with SSAs under Presidential Policy Directive-21.

### SUBTITLE D—NUCLEAR FORCES

#### Section 1641—Coordination in Transfer of Funds by Department of Defense to National Nuclear Security Administration

This section would require the Secretary of Defense and Secretary of Energy to use appropriate interagency processes during the process of developing the budget materials of the Department of Defense and the National Nuclear Security Administration (NNSA), and to do so not later than the third quarter of the fiscal year preceding the budget request. This section would further require a report describing any transfers made to the NNSA and certifying that such transfers were developed in the manner described in this provision.

## TITLE XVII—REPORTS AND OTHER MATTERS

### LEGISLATIVE PROVISIONS

#### SUBTITLE A—STUDIES AND REPORTS

#### Section 1702—FFRDC Study of Explosive Ordnance Disposal Agencies

This section would direct the Secretary of the Defense to enter into an arrangement with a federally funded research and development center (FFRDC) to conduct a study that identifies and evaluates the roles and responsibilities of the military services involved in the Explosive Ordnance Disposal (EOD) program. The study shall include an identification and evaluation of technology, research and development activities, an identification of gaps in the industrial base, an evaluation of training and retention for EOD service members, an assessment of risk in EOD force structure, and demand for activities in support of both

Department of Defense and Federal agencies for EOD activities. The Secretary of Defense shall report to the congressional defense committees on the findings of the study not later than August 31, 2021.

#### SUBTITLE B—OTHER MATTERS

##### Section 1721—Technical, Conforming, and Clerical Amendments

This section would make a number of technical, conforming, and clerical amendments of a non-substantive nature to existing law.

##### Section 1722—Quarterly Briefings on Joint All Domain Command and Control Concept

This section would require the Director of the Joint All Domain Command and Control (JADC2) Cross Functional Team, in consultation with the Vice Chairman, Joint Chiefs of Staff and the Chief Information Officer of the Department of Defense, to provide quarterly briefings to the House Committee on Armed Services on progress on the JADC2 concept development.

### **DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS**

#### **TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS**

##### LEGISLATIVE PROVISIONS

##### SUBTITLE A—MILITARY CONSTRUCTION PROGRAM CHANGES

##### Section 2801—Modification and Clarification of Construction Authority in the Event of a Declaration of War or National Emergency

This section would modify and clarify the use of military construction authorities available in the event of a declaration of war or national emergency.

##### SUBTITLE E—MILITARY LAND WITHDRAWALS

##### Section 2841—Renewal of Land Withdrawal and Reservation to Benefit Naval Air Facility, El Centro, California

This section would renew the land withdrawal and reservation for the benefit of Naval Air Facility El Centro, California, for a period of 25 years.

Section 2842—Renewal of Fallon Range Training Complex Land Withdrawal and Reservation

This section would renew the existing land withdrawal and reservation for the Fallon Range Training Complex for a period of 25 years.

Section 2843—Renewal of Nevada Test and Training Range Land Withdrawal and Reservation

This section would renew the existing Nevada Testing and Training Range land withdrawal and reservation for a period of 25 years.

Section 2844—Specified Duration of White Sands Missile Range Land Withdrawal and Reservation and Reservation of Airspace for Northern and Western Expansion Areas

This section would renew the land and airspace withdrawals for White Sands Missile Range and its call-up areas for a period of 25 years as well as make technical changes to airspace withdrawal.

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

**TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**

**LEGISLATIVE PROVISIONS**

**SUBTITLE A—NATIONAL SECURITY PROGRAMS AND AUTHORIZATIONS**

Section 3101—National Nuclear Security Administration

This section would authorize appropriations for the National Nuclear Security Administration of the Department of Energy for fiscal year 2021 at the levels specified in the funding table in division D of this Act.

Section 3102—Defense Environmental Cleanup

This section would authorize appropriations for defense environmental cleanup for the Department of Energy for fiscal year 2021 at the levels specified in the funding table in division D of this Act.

Section 3103—Other Defense Activities

This section would authorize appropriations for other defense activities for the Department of Energy for fiscal year 2021 at the levels specified in the funding table in division D of this Act.

#### Section 3104—Nuclear Energy

This section would authorize appropriations for nuclear energy for the Department of Energy for fiscal year 2021 at the levels specified in the funding table in division D of this Act.

#### SUBTITLE B—PROGRAM AUTHORIZATIONS, RESTRICTIONS, LIMITATIONS, AND OTHER MATTERS

#### Section 3111—Uncosted and Unobligated Amounts of National Nuclear Security Administration

This section would require the National Nuclear Security Administration to report in the President's annual budget request, for the next 5 fiscal years, uncosted and unobligated balances by program element and the year in which the funds were appropriated.

#### Section 3112—Extension of Limitation Relating to Reclassification of High Level Waste

This section would extend by 1 year the prohibition on the Department of Energy to reclassify high level waste in the state of Washington.

#### Section 3113—Independent Study on Effects of Use of Nuclear Weapons

This section would require the Administrator of the National Nuclear Security Administration to enter into contract with the National Academies of Sciences, Engineering, and Medicine to study the effects of nuclear use under specific scenarios.

#### Section 3114—Reports on Diversity of Certain Contractor Employees of National Nuclear Security Administration

This section would require the Administrator of the National Nuclear Security Administration (NNSA) to submit a report to the congressional defense committees on an annual basis through 2022 regarding diversity in hiring and retention at the NNSA's laboratories plants and sites. This section would also require the reports to be published on the Department of Energy website. This section also contains the sense of Congress on the importance of hiring a highly educated and diverse workforce as NNSA increases its workload in order to meet modernization requirements.

## TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

### LEGISLATIVE PROVISIONS

#### Section 3201—Authorization

This section would authorize \$28,836,000 for the Defense Nuclear Facilities Safety Board.

## TITLE XXXV—MARITIME ADMINISTRATION

### LEGISLATIVE PROVISIONS

#### SUBTITLE A—MARITIME ADMINISTRATION

#### Section 3501—Authorization of the Maritime Administration

This section would authorize appropriations for the national security aspects of the Maritime Administration for fiscal year 2021.

#### Section 3503—Nonapplicability of Requirement Relating to Minimum Number of Operating Days for Vessels Operating under MSP Agreements

This section would waive the minimum number of operating days required for vessels operating under maritime security program agreements.

## DIVISION D—FUNDING TABLES

#### Section 4001—Authorization of Amounts in Funding Tables

This section would provide for the allocation of funds among programs, projects, and activities in accordance with the tables in division D of this Act, subject to reprogramming guidance in accordance with established procedures.

Consistent with the previously expressed views of the committee, this section would also require that a decision by an agency head to commit, obligate, or expend funds to a specific entity on the basis of such funding tables be based on merit-based selection procedures in accordance with the requirements of section 2304(k) and section 2374 of title 10, United States Code, and other applicable provisions of law.

# **BILL LANGUAGE**

1           **Subtitle A—Authorization Of**  
2                           **Appropriations**

3 **SEC. 101 [Log 70869]. AUTHORIZATION OF APPROPRIA-**  
4                           **TIONS.**

5           Funds are hereby authorized to be appropriated for  
6 fiscal year 2021 for procurement for the Army, the Navy  
7 and the Marine Corps, the Air Force, and Defense-wide  
8 activities, as specified in the funding table in section 4101.

1           **Subtitle A—Authorization of**  
2                           **Appropriations**

3   **SEC. 201 [Log 70870]. AUTHORIZATION OF APPROPRIA-**  
4                           **TIONS.**

5           Funds are hereby authorized to be appropriated for  
6   fiscal year 2021 for the use of the Department of Defense  
7   for research, development, test, and evaluation, as speci-  
8   fied in the funding table in section 4201.



1 **Subtitle B—Program Requirements, Restrictions, and Limitations**  
2  
3

4 **SEC. 211 [Log 70923]. MODIFICATION OF SCIENCE, MATHE-**  
5 **MATICS, AND RESEARCH FOR TRANS-**  
6 **FORMATION (SMART) DEFENSE EDUCATION**  
7 **PROGRAM.**

8 Section 2192a of title 10, United States Code, is  
9 amended—

10 (1) by redesignating subsections (b) through (h)  
11 as subsections (c) through (i);

12 (2) by inserting after subsection (a) the fol-  
13 lowing new subsection:

14 “(b) REQUIREMENT FOR PILOT SUBPROGRAM.—

15 “(1) IN GENERAL.—As a subprogram of the  
16 program under subsection (a), the Secretary of De-  
17 fense shall carry out a pilot program to be known  
18 as the ‘National Security Pipeline Pilot Program’  
19 (referred to in this section as the ‘Pilot Program’)  
20 under which the Secretary shall seek to enter into  
21 partnerships with minority institutions to diversify  
22 the participants in the program under subsection  
23 (a).

24 “(2) ELEMENTS.—Under the Pilot Program,  
25 the Secretary of Defense shall—

1           “(A) provide an appropriate amount of fi-  
2           nancial assistance under subsection (c) to an in-  
3           dividual who is pursuing an associate’s degree,  
4           undergraduate degree, or advanced degree at a  
5           minority institution;

6           “(B) provide such financial assistance to  
7           recipients in conjunction with summer intern-  
8           ship opportunities or other meaningful tem-  
9           porary appointments within the Department;  
10          and

11          “(C) periodically evaluate the success of  
12          recruiting individuals for scholarships under  
13          this subsection and on hiring and retaining  
14          those individuals in the public sector workforce.

15          “(3) REPORTS.—

16          “(A) INITIAL REPORT.—Not later than  
17          December 31, 2022, the Secretary of Defense  
18          shall submit to the congressional defense com-  
19          mittees a report on the establishment of the  
20          Pilot Program. At a minimum, the report shall  
21          identify the number of students participating in  
22          the pilot program as of the date of the report,  
23          the fields of study pursued by such students,  
24          and the minority institutions at which such stu-  
25          dents are enrolled.

1           “(B) FINAL REPORT.—Not later than Sep-  
2           tember 30, 2024, the Secretary of Defense shall  
3           submit to the congressional defense committees  
4           a report that evaluates the success of the pilot  
5           program in recruiting individuals for scholar-  
6           ships under this section and hiring and retain-  
7           ing those individuals in the public sector work-  
8           force.

9           “(4) TERMINATION.—The Pilot Program shall  
10          terminate on December 31, 2026.”;

11          (3) in subsection (c)(1), as so redesignated—

12                 (A) in subparagraph (A), by striking “sub-  
13                 section (g)” and inserting “subsection (h)”; and

14                 (B) in subparagraph (C), by striking “sub-  
15                 section (e)” and inserting “subsection (d)”;

16          (4) in subsection (d), as so redesignated—

17                 (A) by redesignating paragraph (3) as  
18                 paragraph (4); and

19                 (B) by inserting after paragraph (2) the  
20                 following new paragraph:

21                 “(3) Pursuant to regulations prescribed by the  
22                 Secretary of Defense for such purpose, a scholarship  
23                 recipient who is not serving in the Armed Forces at  
24                 the time the scholarship is received may fulfill the

1 condition described in paragraph (1) by serving on  
2 active duty in the Armed Forces.”; and

3 (5) by amending subsection (i), as so redesign-  
4 nated, to read as follows:

5 “(i) DEFINITIONS.—In this section:

6 “(1) The term ‘institution of higher education’  
7 has the meaning given such term in section 101 of  
8 the Higher Education Act of 1965 (20 U.S.C.  
9 1001).

10 “(2) The term ‘minority institution’ means an  
11 institution of higher education at which not less  
12 than 50 percent of the total student enrollment con-  
13 sists of students from ethnic groups that are under-  
14 represented in the fields of science and engineer-  
15 ing.”.

1 **SEC. 213 [Log 70918]. CODIFICATION OF THE NATIONAL SE-**  
2 **CURITY INNOVATION NETWORK.**

3 (a) CODIFICATION.—

4 (1) IN GENERAL.—Chapter 139 of title 10,  
5 United States Code, is amended by inserting after  
6 section 2358b the following new section:

7 **“§ 2358c. National Security Innovation Network**

8 “(a) ESTABLISHMENT.—The Secretary of Defense  
9 shall establish a program office to be known as the ‘Na-  
10 tional Security Innovation Network’ (referred to in this  
11 section as the ‘Network’). The Secretary shall establish  
12 the Network within the Office of the Under Secretary of  
13 Defense for Research and Engineering or within the office  
14 of another principal staff assistant to the Secretary.

15 “(b) RESPONSIBILITIES.—The responsibilities of the  
16 Network shall be—

17 “(1) to create a network throughout the United  
18 States that connects the Department of Defense to  
19 academic institutions, commercial accelerators and  
20 incubators, commercial innovation hubs, and non-  
21 profit entities with missions relating to national se-  
22 curity innovation;

23 “(2) to expand the national security innovation  
24 base through integrated, project-based problem solv-  
25 ing that leads to novel concept and solution develop-

1       ment for the Department and facilitates dual-use  
2       venture creation;

3           “(3) to accelerate the adoption of novel con-  
4       cepts and solutions by facilitating dual-use tech-  
5       nology advancement to improve acquisition and pro-  
6       curement outcomes;

7           “(4) to work in coordination with the Under  
8       Secretary of Defense for Personnel and Readiness,  
9       other principal staff assistants within the Office of  
10      the Secretary, and the Armed Forces to create new  
11      pathways and models of national security service  
12      that facilitate term, temporary, and permanent em-  
13      ployment within the Department for—

14           “(A) students and graduates in the fields  
15      of science, technology, arts, engineering, and  
16      mathematics;

17           “(B) early-career and mid-career tech-  
18      nologists; and

19           “(C) entrepreneurs for purposes of project-  
20      based work;

21           “(5) to generate novel concepts and solutions to  
22      problems and requirements articulated by entities  
23      within the Department through programs, such as  
24      the Hacking for Defense program, that combine end  
25      users from the Department, students and faculty

1 from academic institutions, and the early-stage dual-  
2 use venture community;

3 “(6) to establish physical locations throughout  
4 the United States through which the Network will  
5 connect with academic and private sector partners  
6 for the purposes of carrying the responsibilities de-  
7 scribed in paragraphs (1) through (5); and

8 “(7) to carry out such other activities as the  
9 Secretary of Defense, in consultation with the head  
10 of the Network, determines to be relevant to such  
11 responsibilities.

12 “(c) AUTHORITIES.—In addition to the authorities  
13 provided under this section, in carrying out this section,  
14 the Secretary of Defense may use the following authori-  
15 ties:

16 “(1) Section 1599g of this title relating to pub-  
17 lic-private talent exchanges.

18 “(2) Section 2368 of this title, relating to Cen-  
19 ters for Science, Technology, and Engineering Part-  
20 nerships.

21 “(3) Section 2374a of this title, relating to  
22 prizes for advanced technology achievements.

23 “(3) Section 2474 of this title, relating to Cen-  
24 ters of Industrial and Technical Excellence.

1           “(4) Section 2521 of this title, relating to the  
2           Manufacturing Technology Program.

3           “(5) Subchapter VI of chapter 33 of title 5, re-  
4           lating to assignments to and from States.

5           “(6) Chapter 47 of such title, relating to per-  
6           sonnel research programs and demonstration  
7           projects.

8           “(7) Section 12 of the Stevenson-Wydler Tech-  
9           nology Innovation Act of 1980 (15 U.S.C. 3710a)  
10          and section 6305 of title 31 relating to cooperative  
11          research and development agreements.

12          “(8) Such other authorities as the Secretary  
13          considers appropriate.

14          “(d) DEFINITIONS.—In this section:

15                 “(1) The term ‘dual-use venture’ means a busi-  
16                 ness that provides products or services that are ca-  
17                 pable of meeting requirements for military and non-  
18                 military applications.

19                 “(2) The term ‘early-stage dual-use venture’  
20                 means a business that provides products or services  
21                 that are capable of meeting requirements for mili-  
22                 tary and nonmilitary applications that has raised not  
23                 more than \$20,000,000 in private venture capital,  
24                 and whose principal product or service does not sup-



1 port, either directly or indirectly, a current Depart-  
2 ment of Defense program of record.”.

3 (2) CLERICAL AMENDMENT.—The table of sec-  
4 tions at the beginning of such chapter is amended  
5 by inserting after the item relating to section 2358b  
6 the following new item:

“2358c. National Security Innovation Network.”.

7 (b) IMPLEMENTATION.—

8 (1) TRANSFERS FROM OTHER DOD ELE-  
9 MENTS.—The Secretary of Defense may transfer to  
10 the National Security Innovation Network estab-  
11 lished under section 2358c of title 10, United States  
12 Code (as added by subsection (a)) such personnel,  
13 resources, and functions of other organizations and  
14 elements of the Department of Defense as the Sec-  
15 retary considers appropriate to carry out such sec-  
16 tion.

17 (2) INTEGRATION WITH EXISTING NSIN.—Ef-  
18 fective on the date of the enactment of this Act, the  
19 National Security Innovation Network of the De-  
20 partment of Defense (as in existence on the day be-  
21 fore such date of enactment) shall be transferred to  
22 and merged with the National Security Innovation  
23 Network established under section 2358c of title 10,  
24 United States Code (as added by subsection (a)).

25 (3) IMPLEMENTATION PLAN.—

1 (A) IN GENERAL.—Not later than 180  
2 days after the date of the enactment of this  
3 Act, the Secretary of Defense shall submit to  
4 the congressional defense committees a plan for  
5 implementing the National Security Innovation  
6 Network under section 2358c of title 10, United  
7 States Code (as added by subsection (a)).

8 (B) ELEMENTS.—The plan required under  
9 paragraph (1) shall include the following:

10 (i) Plans for any transfers the Sec-  
11 retary intends to carry out under para-  
12 graph (1).

13 (ii) Plans for the funding, integration,  
14 and evaluation of the Network, including  
15 plans for —

16 (I) future funding and adminis-  
17 trative support of the Network;

18 (II) integration of the Network  
19 into the programming, planning,  
20 budgeting, and execution process of  
21 the Department of Defense;

22 (III) integration of the Network  
23 with the other programs and initia-  
24 tives within the Department that have  
25 missions relating to innovation and

1 outreach to the academic and the pri-  
2 vate sector early-stage dual-use ven-  
3 ture community (as defined in section  
4 2358c of title 10, United States Code  
5 (as added by subsection (a)); and

6 (IV) performance indicators by  
7 which the Network will be assessed  
8 and evaluated.

9 (iii) A description of any additional  
10 authorities the Secretary may require to  
11 ensure that the Network is able to effec-  
12 tively carry out the responsibilities speci-  
13 fied in section 2358c(e) of title 10, United  
14 States Code (as added by subsection (a)).

15 (c) COMPTROLLER GENERAL REVIEWS AND RE-  
16 PORTS.—

17 (1) REVIEW AND REPORT ON IMPLEMENTATION  
18 PLAN.—Not later than 180 days after the date on  
19 which the implementation plan is submitted under  
20 subsection (b)(3), the Comptroller General of the  
21 United States shall—

22 (A) complete a review of the implementa-  
23 tion plan;

1 (B) submit to the congressional defense  
2 committees a report on the results of the re-  
3 view.

4 (2) PROGRAM EVALUATION AND REPORT.—

5 (A) IN GENERAL.—Not later than three  
6 years after the date of the enactment of this  
7 Act, the Comptroller General of the United  
8 States shall—

9 (i) complete an evaluation of the Na-  
10 tional Security Innovation Network under  
11 section 2358c of title 10, United States  
12 Code (as added by subsection (a)); and

13 (ii) submit to the appropriate congres-  
14 sional committees a report on the results  
15 of the evaluation.

16 (B) APPROPRIATE CONGRESSIONAL COM-  
17 MITTEES DEFINED.—In this paragraph, the  
18 term “appropriate congressional committees”  
19 means—

20 (i) the congressional defense commit-  
21 tees;

22 (ii) the Committee on Homeland Se-  
23 curity and Governmental Affairs of the  
24 Senate; and

- 1 (iii) the Committee on Oversight and
- 2 Government Reform of the House of Rep-
- 3 resentatives.

1 **SEC. 216 [Log 70911]. DIGITAL DATA MANAGEMENT AND**  
2 **ANALYTICS CAPABILITY.**

3 (a) DIGITAL DATA MANAGEMENT AND ANALYTICS  
4 CAPABILITY.—

5 (1) IN GENERAL.—The Secretary of Defense  
6 shall develop and implement an advanced digital  
7 data management and analytics capability to be  
8 used—

9 (A) to digitally integrate all elements of  
10 the acquisition process of the Department of  
11 Defense;

12 (B) to digitally record and track all rel-  
13 evant data generated during the research, devel-  
14 opment, testing, and evaluation of systems; and

15 (C) to maximize the use of such data to in-  
16 form—

17 (i) the further development and im-  
18 provement of such systems; and

19 (ii) the acquisition process for such  
20 systems.

21 (2) REQUIREMENTS.—The capability developed  
22 under paragraph (1) shall meet the following re-  
23 quirements:

24 (A) The capability will be accessible to,  
25 and useable by, individuals throughout the De-  
26 partment of Defense who have responsibilities

1 relating to capability requirements, research,  
2 design, development, testing, evaluation, acqui-  
3 sition, management, operations, and  
4 sustainment of systems.

5 (B) The capability will provide for the de-  
6 velopment, use, curation, and maintenance of  
7 authoritative and technically accurate digital  
8 systems—

9 (i) to reduce the burden of reporting  
10 by officials responsible for executing pro-  
11 grams;

12 (ii) to ensure shared access to data  
13 within the Department;

14 (iii) to supply data to digital engineer-  
15 ing models for use in the defense acquisi-  
16 tion process;

17 (iv) to supply data to testing infra-  
18 structure and software to support auto-  
19 mated approaches for testing, evaluation,  
20 and deployment throughout the defense ac-  
21 quisition process; and

22 (v) to provide timely analyses to De-  
23 partment leadership.

24 (C) The capability will be designed—

1 (i) to improve data management proc-  
2 esses in the research, development, acquisi-  
3 tion, and sustainment activities of the De-  
4 partment;

5 (ii) to provide decision makers in the  
6 Department with timely, high-quality,  
7 transparent, and actionable analyses for  
8 optimal development, acquisition, and  
9 sustainment decision making and execu-  
10 tion;

11 (iii) to facilitate productivity, dis-  
12 covery, access, knowledge sharing, and  
13 analysis of acquisition-related data across  
14 organizational boundaries at all levels of  
15 the Department, including through the de-  
16 velopment of acquisition documentation;  
17 and

18 (iv) to build and improve analytical  
19 models and simulations to enhance the de-  
20 velopment, test, and use of weapon sys-  
21 tems.

22 (3) SOFTWARE REQUIREMENT.—

23 (A) IN GENERAL.—The capability devel-  
24 oped under paragraph (1) shall include software  
25 to collect, organize, manage, make available,



1 and analyze relevant data throughout the life  
2 cycle of defense acquisition programs, including  
3 any data needed to satisfy milestone require-  
4 ments and reviews.

5 (B) PROCUREMENT AUTHORITY.—The  
6 software described in subparagraph (A) may be  
7 developed or procured using the authorities pro-  
8 vided under section 800 of the National De-  
9 fense Authorization Act for Fiscal Year 2020  
10 (Public Law 116–92; 133 Stat. 1478).

11 (4) REVIEW.—In developing the capability re-  
12 quired under paragraph (1) the Secretary of Defense  
13 shall—

14 (A) review data content and requirements  
15 to support planning and reporting of functions  
16 and remove redundant data requests across  
17 functions.

18 (B) based on such review, develop rec-  
19 ommended approaches for—

20 (i) moving supporting processes from  
21 analog to digital format, including plan-  
22 ning and reporting processes;

23 (ii) making new data active through  
24 digitalization;

1 (iii) making legacy data, including  
2 data currently residing in program docu-  
3 mentation, active through digitalization;  
4 and

5 (iv) modernizing the storage, retrieval,  
6 and reporting capabilities for stakeholders  
7 within the Department, including research  
8 entities, Program Management Offices,  
9 analytic organizations, enterprise oversight,  
10 and decision makers.

11 (b) DEMONSTRATION ACTIVITIES.—

12 (1) IN GENERAL.—The Secretary of Defense  
13 shall carry out demonstration activities to test var-  
14 ious approaches to building the capability required  
15 under subsection (a).

16 (2) PROGRAM SELECTION.—Not later than 180  
17 days after the date of the enactment of this Act, the  
18 Secretary of Defense shall assess and select not  
19 fewer than two and not more than five programs of  
20 the Department of Defense to participate in the  
21 demonstration activities under paragraph (1), in-  
22 cluding—

23 (A) one or more acquisition data manage-  
24 ment test cases; and

1 (B) one or more development and test  
2 modeling and simulation test cases to dem-  
3 onstrate the ability to collect data from tests  
4 and operations in the field, and feed the data  
5 back into models and simulations for better  
6 software development and testing.

7 (3) *ADDITIONAL REQUIREMENTS.*—As part of  
8 the demonstration activities under paragraph (1),  
9 the Secretary shall—

10 (A) conduct a comparative analysis that  
11 assesses the risks and benefits of the digital  
12 management and analytics capability used in  
13 each of the programs participating in the dem-  
14 onstration activities relative to the Depart-  
15 ment’s traditional data collection, reporting, ex-  
16 posing, and analysis approaches;

17 (B) ensure that the intellectual property  
18 strategy for each of the programs participating  
19 in the demonstration activities is best aligned to  
20 meet the goals of the program; and

21 (C) develop a workforce and infrastructure  
22 plan to support any new policies and guidance  
23 implemented in connection with the demonstra-  
24 tion activities, including any policies and guid-

1           ance implemented after the completion of such  
2           activities.

3           (c) POLICIES AND GUIDANCE REQUIRED.—Not later  
4 than 18 months after the date of the enactment of this  
5 Act, based on the results of the demonstration activities  
6 carried out under subsection (b), the Secretary of Defense  
7 shall issue or modify policies and guidance to—

8           (1) promote the use of digital management and  
9           analytics capabilities; and

10           (2) address roles, responsibilities, and proce-  
11           dures relating to such capabilities.

12           (d) STEERING COMMITTEE.—

13           (1) IN GENERAL.—The Secretary of Defense  
14 shall establish a steering committee to assist the  
15 Secretary in carrying out subsections (a) through  
16 (c).

17           (2) MEMBERSHIP.—The steering committee  
18 shall be composed of the following members or their  
19 designees:

20                   (A) The Chief Management Officer.

21                   (B) The Chief Information Officer.

22                   (C) The Director of Cost Assessment and  
23           Program Evaluation.

24                   (D) The Under Secretary of Defense for  
25           Research and Engineering.

1 (E) The Under Secretary of Defense for  
2 Acquisition and Sustainment.

3 (F) The Director of Operational Test and  
4 Evaluation.

5 (G) The Service Acquisition Executives.

6 (H) The Director for Force Structure, Re-  
7 sources, and Assessment of the Joint Staff

8 (I) The Director of the Defense Digital  
9 Service.

10 (e) INDEPENDENT ASSESSMENTS.—

11 (1) INITIAL ASSESSMENT.—

12 (A) IN GENERAL.—The Defense Innova-  
13 tion Board, in consultation with the Defense  
14 Digital Service, shall conduct an independent  
15 assessment to identify recommended approaches  
16 for the implementation of subsections (a)  
17 through (c).

18 (B) ELEMENTS.—The assessment under  
19 subparagraph (A) shall include the following:

20 (i) A plan for the development and  
21 implementation of the capability required  
22 under subsection (a), including a plan for  
23 any procurement that may be required as  
24 part of such development and implementa-  
25 tion.

1 (ii) An independent cost assessment of  
2 the total estimated cost of developing and  
3 implementing the capability.

4 (iii) An independent estimate of the  
5 schedule for the development and imple-  
6 mentation of the capability, including a  
7 reasonable estimate of the dates on which  
8 the capability can be expected to achieve  
9 initial operational capability and full oper-  
10 ational capability, respectively.

11 (iv) A recommendation identifying the  
12 office or other organization of the Depart-  
13 ment of Defense that would be most ap-  
14 propriate to manage and execute the capa-  
15 bility.

16 (C) REPORT.—Not later than 180 days  
17 after the date of the enactment of this Act, the  
18 Defense Innovation Board, in consultation with  
19 the Defense Digital Service, shall submit to the  
20 Secretary of Defense and the congressional de-  
21 fense committees a report on the findings of the  
22 assessment under subparagraph (A), including  
23 the findings of the assessment with respect to  
24 each element specified in subparagraph (B).

25 (2) FINAL ASSESSMENT.—

1 (A) IN GENERAL.—Not later than March  
2 15, 2022, the Defense Innovation Board and  
3 the Defense Science Board shall jointly com-  
4 plete an independent assessment of the progress  
5 of the Secretary in implementing subsections  
6 (a) through (c). The Secretary of Defense shall  
7 ensure that the Defense Innovation Board and  
8 the Defense Science Board have access to the  
9 resources, data, and information necessary to  
10 complete the assessment.

11 (B) INFORMATION TO CONGRESS.—Not  
12 later than 30 days after the date on which the  
13 assessment under subparagraph (A) is com-  
14 pleted, the Defense Innovation Board and the  
15 Defense Science Board shall jointly provide to  
16 the congressional defense committees—

17 (i) a report summarizing the assess-  
18 ment; and

19 (ii) a briefing on the findings of the  
20 assessment.

21 (f) REPORT AND BRIEFING.—

22 (1) REPORT ON IMPLEMENTATION.—Not later  
23 than 90 days after the date on which the report de-  
24 scribed in subsection (e)(1)(C) is submitted to the  
25 congressional defense committees, the Secretary of

1 Defense shall submit to the congressional defense  
2 committees a report on the progress of the Secretary  
3 in implementing subsections (a) through (c). The re-  
4 port shall include an explanation of how the results  
5 of the demonstration activities carried out under  
6 subsection (b) will be incorporated into the policy  
7 and guidance required under subsection (c), particu-  
8 larly the policy and guidance of the members of the  
9 steering committee established under subsection (d).

10 (2) BRIEFING ON LEGISLATIVE RECOMMENDA-  
11 TIONS.—Not later than October 15, 2021, the Sec-  
12 retary of Defense shall provide to the Committee on  
13 Armed Services of the House of Representatives a  
14 briefing that identifies any changes to existing law  
15 that may be necessary to facilitate the implementa-  
16 tion of subsections (a) through (c).



1           **Subtitle A—Authorization of**  
2                           **Appropriations**

3   **SEC. 301 [Log 70871]. AUTHORIZATION OF APPROPRIA-**  
4                           **TIONS.**

5           Funds are hereby authorized to be appropriated for  
6   fiscal year 2021 for the use of the Armed Forces and other  
7   activities and agencies of the Department of Defense for  
8   expenses, not otherwise provided for, for operation and  
9   maintenance, as specified in the funding table in section  
10 4301.

1 **SEC. 333 [Log 71519]. INDEPENDENT ADVISORY PANEL ON**  
2 **WEAPON SYSTEM SUSTAINMENT.**

3 (a) ESTABLISHMENT.—The Secretary of Defense  
4 shall establish an independent advisory panel (in this sec-  
5 tion referred to as the “panel”) on the weapon system  
6 sustainment ecosystem. The National Defense University  
7 and the Defense Acquisition University shall sponsor the  
8 panel, including by providing administrative support.

9 (b) MEMBERSHIP.—

10 (1) COMPOSITION.—The panel shall be com-  
11 prised of nine members, of whom—

12 (A) five shall be appointed by the Sec-  
13 retary of Defense;

14 (B) one shall be appointed by the Chair-  
15 man of the Committee on Armed Services of  
16 the Senate;

17 (C) one shall be appointed by the Ranking  
18 Member of the Committee on Armed Services of  
19 the Senate;

20 (D) one shall be appointed by the Chair-  
21 man of the Committee on Armed Services of  
22 the House of Representatives; and

23 (E) one shall be appointed by the Ranking  
24 Member of the Committee on Armed Services of  
25 the House of Representatives.

1           (2) EXPERTISE.—In making appointments  
2 under this subsection, consideration should be given  
3 to individuals with expertise in public and private-  
4 sector acquisition, sustainment, and logistics policy  
5 in aviation, ground, maritime systems, and space  
6 systems and their related components.

7           (3) APPOINTMENT DATE.—The appointment of  
8 the members of the panel shall be made not later  
9 than 120 days after the date of the enactment of  
10 this Act.

11       (c) DUTIES.—The panel shall—

12           (1) review the weapon system sustainment eco-  
13 system from development, production, and  
14 sustainment of the weapon system through use in  
15 the field, depot and field-level maintenance, modi-  
16 fication, and disposal with a goal of—

17                   (A) maximizing the availability and mis-  
18 sion capabilities of weapon systems;

19                   (B) reducing overall life-cycle costs of  
20 weapon systems during fielding, operation and  
21 sustainment; and

22                   (C) aligning weapon system sustainment  
23 functions to the most recent national defense  
24 strategy submitted pursuant to section 113 of  
25 title 10, United States Code; and

1           (2) using information from the review of the  
2           weapon system sustainment ecosystem, make rec-  
3           ommendations related to statutory, regulatory, pol-  
4           icy, or operational best practices the panel considers  
5           necessary.

6           (d) REPORT.—

7           (1) INTERIM REPORT.—Not later than one year  
8           after the date on which all members of the panel  
9           have been appointed, the panel shall provide to the  
10          Secretary of Defense and the Committees on Armed  
11          Services of the Senate and House of Representatives  
12          a briefing on the interim findings and recommenda-  
13          tions of the panel.

14          (2) FINAL REPORT.—Not later than two years  
15          after the date on which all members of the panel  
16          have been appointed, the panel shall submit to the  
17          Secretary of Defense and the Committees on Armed  
18          Services of the Senate and House of Representatives  
19          a report setting for a detailed statement of the find-  
20          ings and conclusions the panel as a result of the re-  
21          view described in subsection (c), together with such  
22          recommendations related to statutory, regulatory,  
23          policy, or operational practices as the panel con-  
24          siders appropriate in light of the results of the re-  
25          view.

1 (e) ADMINISTRATIVE MATTERS.—

2 (1) IN GENERAL.—The Secretary of Defense  
3 shall provide the panel with timely access to appro-  
4 priate information, data, resources, analysis, and lo-  
5 gistics support so that the panel may conduct a  
6 thorough and independent assessment as required  
7 under this section.

8 (2) EFFECT OF LACK OF APPOINTMENT BY AP-  
9 POINTMENT DATE.—If any member has not been ap-  
10 pointed by the date specified in subsection (b)(3),  
11 the authority to appoint such member under sub-  
12 section (b)(1) shall expire, and the number of mem-  
13 bers of the panel shall be reduced by the number  
14 equal to the number of appointments so not made.

15 (3) PERIOD OF APPOINTMENT; VACANCIES.—  
16 Members of the panel shall be appointed for the du-  
17 ration of the panel. Any vacancy in the panel shall  
18 not affect its powers, but shall be filled in the same  
19 manner as the original appointment.

20 (4) CHAIR.—The panel shall select a Chair  
21 from among its members. The Chair may not be a  
22 Federal officer or employee.

23 (f) TERMINATION.—The panel shall terminate 90  
24 days after the date on which the panel submits the report  
25 required under subsection (d)(2).

1 **SEC. 335 [Log 71583]. MATERIEL READINESS METRICS AND**  
2 **OBJECTIVES FOR MAJOR WEAPON SYSTEMS.**

3 (a) IN GENERAL.—Section 118 of title 10, United  
4 States Code is amended—

5 (1) by amending the section heading to read as  
6 follows: “**Materiel readiness metrics and**  
7 **objectives for major weapon systems**”;

8 (2) by striking “Not later than five days” and  
9 inserting the following:

10 “(d) BUDGET JUSTIFICATION.—Not later than five  
11 days”;

12 (3) by inserting before subsection (d) (as des-  
13 ignated by paragraph (2)) the following new sub-  
14 sections:

15 “(a) MATERIEL READINESS METRICS.—Each head  
16 of an element of the Department specified in paragraphs  
17 (1) through (10) of section 111(b) of this title shall estab-  
18 lish and maintain materiel readiness metrics to enable as-  
19 sessment of the readiness of members of the armed forces  
20 to carry out—

21 “(1) the strategic framework required by sec-  
22 tion 113(g)(1)(B)(vii) of this title; and

23 “(2) guidance issued by the Secretary of De-  
24 fense pursuant to section 113(g)(1)(B) of this title.

25 “(b) REQUIRED METRICS.—At a minimum, the ma-  
26 teriel readiness metrics required by subsection (a) shall

1 address the materiel availability, operational availability,  
2 operational capability, and materiel reliability of each  
3 major weapon system by designated mission, design series,  
4 variant, or class.

5 “(c) MATERIEL READINESS OBJECTIVES.—(1) Not  
6 later than one year after the date of the enactment of this  
7 Act, each head of an element described in subsection (a)  
8 shall establish the metrics required by subsection (b) nec-  
9 essary to support the strategic framework and guidance  
10 referred to in paragraph (1) and (2) of subsection (a).

11 “(2) Annually, each head of an element described in  
12 subsection (a) shall review and revise the metrics required  
13 by subsection (b) and include any such revisions in the  
14 materials submitted to Congress in support of the budget  
15 of the President under section 1105 of title 31.”;

16 (4) in subsection (d) (as designated by para-  
17 graph (2))—

18 (A) in paragraph (1)—

19 (i) by striking “materiel reliability,  
20 and mean down time metrics for each  
21 major weapons system” and inserting  
22 “operational availability, and materiel reli-  
23 ability for each major weapon system”;  
24 and

25 (ii) by inserting “and” at the end;

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

3 (C) by striking paragraph (3); and  
4 (5) by adding at the end the following new sub-  
5 section:

6 “(e) DEFINITIONS.—In this section:

7 “(1) The term ‘major weapon system’ has the  
8 meaning given in section 2379(f) of this title.

9 “(2) The term ‘materiel availability’ means a  
10 measure of the percentage of the total inventory of  
11 a major weapon system that is operationally capable  
12 of performing an assigned mission.

13 “(3) The term ‘materiel reliability’ means the  
14 probability that a major weapon system will perform  
15 without failure over a specified interval.

16 “(4) The term ‘operational availability’ means a  
17 measure of the percentage of time a major weapon  
18 system is operationally capable.

19 “(5) The term ‘operationally capable’ means a  
20 materiel condition indicating that a major weapon  
21 system is capable of performing its assigned mission  
22 and has no discrepancies with a subsystem of a  
23 major weapon system.”.

24 (b) CLERICAL AMENDMENT.—The table of sections  
25 at the beginning of chapter 2 of title 10, United States



1 Code, is amended by striking the item relating to section  
2 118 and inserting the following new item:

“118. Materiel readiness metrics and objectives for major defense acquisition  
programs.”.

3 (c) BRIEFING.—Not later than October 1, 2021, the  
4 Secretary of Defense shall brief the congressional defense  
5 committees regarding the implementation of the materiel  
6 readiness metrics required under section 118 of title 10,  
7 United States Code, as amended by subsection (a).

## 1                   **Subtitle E—Other Matters**

### 2   **SEC. 351 [Log 71356]. PILOT PROGRAM FOR TEMPORARY** 3                   **ISSUANCE OF MATERNITY-RELATED UNI-** 4                   **FORM ITEMS.**

5           (a) PILOT PROGRAM.—The Director of the Defense  
6 Logistics Agency, in coordination with the Secretaries con-  
7 cerned, shall carry out a pilot program under which each  
8 Secretary concerned shall establish an office for issuing  
9 maternity-related uniform items to pregnant members of  
10 the Armed Forces, on a temporary basis and at no cost  
11 to such member. In carrying out the pilot program, the  
12 Director shall take the following actions:

13                   (1) The Director shall ensure that such offices  
14                   maintain a stock of each type of maternity-related  
15                   uniform item determined necessary by the Secretary  
16                   concerned, including service uniforms items, utility  
17                   uniform items, and other items relating to the com-  
18                   mand and duty assignment of the member requiring  
19                   issuance.

20                   (2) The Director shall ensure that such items  
21                   have not been treated with the chemical permethrin.

22                   (3) The Director, in coordination with the Sec-  
23                   retary concerned, shall determine a standard number  
24                   of maternity-related uniform items that may be  
25                   issued per member.

1           (4) The Secretary concerned shall ensure that  
2           any member receiving a maternity-related uniform  
3           item returns such item to the relevant office estab-  
4           lished under paragraph (1) on the date on which the  
5           Secretary concerned determines the member no  
6           longer requires such item.

7           (5) The Secretary concerned shall inspect, proc-  
8           ess, repair, clean, and re-stock items returned by a  
9           member pursuant to paragraph (4) for re-issuance  
10          from such relevant office.

11          (6) The Director, in coordination with the Sec-  
12          retaries concerned, may issue such guidance and  
13          regulations as necessary to carry out the pilot pro-  
14          gram.

15          (b) **TERMINATION.**—No maternity-related uniform  
16          items may be issued to a member of the Armed Forces  
17          under the pilot program after September 30, 2026.

18          (c) **REPORT.**—Not later than September 30, 2025,  
19          the Director of the Defense Logistics Agency, in coordina-  
20          tion with the Secretaries concerned, shall submit to the  
21          congressional defense committees a report on the pilot  
22          program. Such report shall include each of the following:

23                  (1) For each year during which the pilot pro-  
24                  gram was carried out, the number of members of the

1 Armed Forces who received a maternity-related uni-  
2 form item under the pilot program.

3 (2) An overview of the costs associated with,  
4 and any savings realized by, the pilot program, in-  
5 cluding a comparison of the cost of maintaining a  
6 stock of maternity-related uniform items for  
7 issuance under the pilot program versus the cost of  
8 providing allowances to members for purchasing  
9 such items.

10 (3) A recommendation on whether the pilot pro-  
11 gram should be extended after the date of termi-  
12 nation under subsection (b) and whether legislation  
13 is necessary for such extension.

14 (4) Any other matters that the Secretary of De-  
15 fense determines appropriate.

16 (d) AUTHORIZATION OF APPROPRIATIONS.—Of the  
17 amounts authorized to be appropriated for operation and  
18 maintenance, Defense-wide, for fiscal year 2021, as speci-  
19 fied in the funding table in section 4301, \$10,000,000  
20 shall be available for implementation of the pilot program.

1 **SEC. 352 [Log 71504]. SERVICEWOMEN'S COMMEMORATIVE**  
2 **PARTNERSHIPS.**

3 (a) IN GENERAL.—The Secretary of the Army may  
4 enter into a contract, partnership, or grant with a non-  
5 profit organization for the purpose of providing financial  
6 support for the maintenance and sustainment of infra-  
7 structure and facilities at military service memorials and  
8 museums that highlight the role of women in the military.  
9 Such a contract, partnership, or grant shall be referred  
10 to as a “Servicewomen’s Commemorative Partnership”.

11 (b) AUTHORIZATION OF APPROPRIATIONS.—Of the  
12 amounts authorized to be appropriated for fiscal year  
13 2021, as identified in division D of this Act, \$3,000,000  
14 shall be available for Servicewomen’s Commemorative  
15 Partnerships under subsection (a).

1 **SEC. 554 [Log 70994]. CONTINUED ASSISTANCE TO SCHOOLS**  
2 **WITH SIGNIFICANT NUMBERS OF MILITARY**  
3 **DEPENDENT STUDENTS.**

4 (a) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT  
5 NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the  
6 amount authorized to be appropriated for fiscal year 2021  
7 in division D of this Act and available for operation and  
8 maintenance for Defense-wide activities as specified in the  
9 funding table in section 4301 of this Act, \$40,000,000  
10 shall be available only for the purpose of providing assist-  
11 ance to local educational agencies under subsection (a) of  
12 section 572 of the National Defense Authorization Act for  
13 Fiscal Year 2006 (Public Law 109–163; 20 U.S.C.  
14 7703b).

15 (b) IMPACT AID FOR CHILDREN WITH SEVERE DIS-  
16 ABILITIES.—Of the amount authorized to be appropriated  
17 for fiscal year 2021 in division D of this Act and available  
18 for operation and maintenance for Defense-wide activities  
19 as specified in the funding table in section 4301 of this  
20 Act, \$10,000,000 shall be available for payments under  
21 section 363 of the Floyd D. Spence National Defense Au-  
22 thorization Act for Fiscal Year 2001 (Public Law 106–  
23 398; 20 U.S.C. 7703a).

24 (c) LOCAL EDUCATIONAL AGENCY DEFINED.—In  
25 this section, the term “local educational agency” has the  
26 meaning given that term in section 7013(9) of the Ele-

1 elementary and Secondary Education Act of 1965 (20 U.S.C.  
2 7713(9)).

1 **SEC. 603 [log70901]. REORGANIZATION OF CERTAIN ALLOW-**  
2 **ANCES OTHER THAN TRAVEL AND TRANS-**  
3 **PORTATION ALLOWANCES.**

4 (a) PER DIEM FOR DUTY OUTSIDE THE CONTI-  
5 NENTAL UNITED STATES.—

6 (1) TRANSFER TO CHAPTER 7.—Section 475 of  
7 title 37, United States Code, is transferred to chap-  
8 ter 7 of such title, inserted after section 403b, and  
9 redesignated as section 405.

10 (2) REPEAL OF TERMINATION PROVISION.—  
11 Section 405 of title 37, United States Code, as  
12 added by paragraph (1), is amended by striking sub-  
13 section (f).

14 (b) ALLOWANCE FOR FUNERAL HONORS DUTY.—

15 (1) TRANSFER TO CHAPTER 7.—Section 495 of  
16 title 37, United States Code, is transferred to chap-  
17 ter 7 of such title, inserted after section 433a, and  
18 redesignated as section 435.

19 (2) REPEAL OF TERMINATION PROVISION.—  
20 Section 435 of title 37, United States Code, as  
21 added by paragraph (1), is amended by striking sub-  
22 section (c).

23 (c) CLERICAL AMENDMENTS.—

24 (1) CHAPTER 7.—The table of sections at the  
25 beginning of chapter 7 of title 37, United States  
26 Code, is amended—



1 (A) by inserting after the item relating to  
2 section 403b the following new item:

“405. Travel and transportation allowances: per diem while on duty outside the  
continental United States.”; and

3 (B) by inserting after the item relating to  
4 section 433a the following new item:

“435. Funeral honors duty: allowance.”.

5 (2) CHAPTER 8.—The table of sections at the  
6 beginning of chapter 8 of title 37, United States  
7 Code, is amended by striking the items relating to  
8 sections 475 and 495.

1 **SEC. 624 [log71301]. STUDY ON FEASIBILITY OF TSP CON-**  
2 **TRIBUTIONS BY MILITARY SPOUSES.**

3 (a) **STUDY REQUIRED.**—The Secretary of Defense  
4 shall conduct a study on potential enhancements to the  
5 military Thrift Savings Plan administered by the Federal  
6 Retirement Thrift Investment Board.

7 (b) **ELEMENTS.**—The study under subsection (a)  
8 shall include the following:

9 (1) An evaluation of the effect of allowing mili-  
10 tary spouses to contribute or make eligible retire-  
11 ment account transfers to the military Thrift Sav-  
12 ings Plan account of the member of the Armed  
13 Forces to whom that military spouse is married.

14 (2) Legislation the Secretary determines nec-  
15 essary to permit contributions and transfers de-  
16 scribed in paragraph (1).

17 (3) An evaluation of whether and to what ex-  
18 tent employer-funded matching of contributions de-  
19 scribed in paragraph (1) may encourage further par-  
20 ticipation in the military Thrift Savings Plan.

21 (c) **REPORTING.**—

22 (1) **INITIAL REPORT.**—Not later than February  
23 1, 2021, the Secretary of Defense shall submit to  
24 the Federal Retirement Thrift Investment Board a  
25 report on the results of the study under subsection  
26 (a).

1           (2) ANALYSIS.—Not later than 60 days after  
2 receiving the report under paragraph (1), the Fed-  
3 eral Thrift Savings Retirement Board shall analyze  
4 the report under paragraph (1), generate rec-  
5 ommendations and comments it determines appro-  
6 priate, and submit such analysis, recommendations,  
7 and comments to the Secretary.

8           (3) FINAL REPORT.—Not later than April 1,  
9 2021, the Secretary shall submit to the Committees  
10 on Armed Services of the Senate and House of Rep-  
11 resentatives the report under paragraph (1) and the  
12 analysis, recommendations, and comments under  
13 paragraph (2).

1           **Subtitle E—Other Personnel**  
2                           **Benefits**

3   **SEC. 641 [log71135]. MAINTENANCE OF FUNDING FOR STARS**  
4                           **AND STRIPES.**

5           (a) FUNDING.—

6                   (1) OPERATION AND MAINTENANCE.—Of the  
7           amounts authorized to be appropriated for fiscal  
8           year 2021 in Division D of this Act and available for  
9           operations and maintenance for Defense-wide activi-  
10          ties as specified in the funding table in section 4301  
11          of this Act, \$9,000,000 shall be made available for  
12          the purpose of maintaining the operations and publi-  
13          cation of Stars and Stripes.

14                  (2) CONTINGENCY OPERATIONS.—Of the  
15          amounts authorized to be appropriated for fiscal  
16          year 2021 in Division D of this Act and available for  
17          overseas contingency operations for Defense-wide ac-  
18          tivities as specified in the funding tables in section  
19          4301 of this Act, \$6,000,000 shall be made available  
20          for the purpose of maintaining the operations and  
21          publication of Stars and Stripes

22          (b) REPORT ON BUSINESS CASE ANALYSIS.—Not  
23          later than March 1, 2021, the Secretary of Defense, in  
24          coordination with the editor of Stars and Stripes, shall  
25          submit a report to the Committees on Armed Services of

1 the Senate and the House of Representatives detailing the  
2 business case analysis for various options for Stars and  
3 Stripes. The report shall contain the following elements:

4 (1) An analysis of the pros and cons of, and  
5 business case for, continuing the operation and pub-  
6 lication of Stars and Stripes at its current levels, in-  
7 cluding other options for the independent reporting  
8 currently provided, especially in a deployed environ-  
9 ment.

10 (2) An analysis of the modes of communication  
11 used by Stars and Stripes.

12 (3) An analysis of potential reduced operations  
13 of Stars and Stripes.

14 (4) An analysis of the operation of Stars and  
15 Stripes solely as a non-appropriated entity.

16 (5) An analysis of operating Stars and Stripes  
17 as a category B morale, welfare, and recreation enti-  
18 ty.

19 (6) An assessment of the value of the avail-  
20 ability of Stars and Stripes (in print or an electronic  
21 version) to deployed or overseas members of the  
22 Armed Forces.

1     **Subtitle A—Acquisition Policy and**  
2                                   **Management**

3     **SEC. 801 [Log 71091]. CONGRESSIONAL NOTIFICATION OF**  
4                                   **TERMINATION OF A MIDDLE TIER ACQUISI-**  
5                                   **TION PROGRAM.**

6             Section 804 of the National Defense Authorization  
7 Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C.  
8 2302 note), is amended by adding at the end the following  
9 new subsection:

10            “(e) REPORT.—Not later than 30 days after the date  
11 of termination of an acquisition program commenced  
12 using the authority under this section, the Secretary of  
13 Defense shall submit to Congress a notification of such  
14 termination. Such notice shall include—

15                    “(1) the initial amount of a contract awarded  
16                    under such acquisition program;

17                    “(2) the aggregate amount of funds awarded  
18                    under such contract; and

19                    “(3) written documentation of the reason for  
20                    termination of such acquisition program.”.

1 **SEC. 802 [Log 71296]. MODIFICATION TO THE DEFINITION**  
2 **OF NONTRADITIONAL DEFENSE CON-**  
3 **TRACTOR.**

4 Section 2302(9) of title 10, United States Code, is  
5 amended to read as follows:

6 “(9) the term ‘nontraditional defense con-  
7 tractor’, with respect to a procurement or with re-  
8 spect to a transaction authorized under section  
9 2371(a) or 2371b of this title, means—

10 “(A) an entity that is not currently per-  
11 forming and has not performed, for at least the  
12 one-year period preceding the solicitation of  
13 sources by the Department of Defense for the  
14 procurement or transaction, any contract or  
15 subcontract for the Department of Defense that  
16 is subject to full coverage under the cost ac-  
17 counting standards prescribed pursuant to sec-  
18 tion 1502 of title 41 and the regulations imple-  
19 menting such section; or

20 “(B) a corporation all of the stock of  
21 which is owned by an employee stock ownership  
22 plan (as defined in section 4975(e)(7) of the In-  
23 ternal Revenue Code of 1986).”.

1 **SEC. 803 [Log 71117]. CONTRACTOR BUSINESS SYSTEMS.**

2 Section 893 of the Ike Skelton National Defense Au-  
3 thorization Act for Fiscal Year 2011 (Public Law 111-  
4 383; 10 U.S.C. 2302 note) is amended—

5 (1) in subsection (b)—

6 (A) in paragraph (2), by striking “signifi-  
7 cant deficiencies” and inserting “deficiencies  
8 and material weaknesses”;

9 (B) in paragraph (4), by striking “signifi-  
10 cant deficiency” and inserting “material weak-  
11 ness”; and

12 (C) in paragraph (5)(A), by striking “sig-  
13 nificant deficiency” and inserting “material  
14 weakness”;

15 (2) in subsection (d)(1), by striking “significant  
16 deficiencies” and inserting “material weaknesses”;

17 (3) in subsection (g)—

18 (A) in paragraph (3), by striking “signifi-  
19 cant deficiency” and inserting “material weak-  
20 ness”;

21 (B) by striking paragraph (4);

22 (C) by redesignating paragraph (5) as  
23 paragraph (4); and

24 (D) by adding at the end the following new  
25 paragraph:



1           “(5) The term ‘material weakness’ means a de-  
2           ficiency or combination of deficiencies in the internal  
3           control of a contractor business system used to com-  
4           ply with contracting requirements of the Department  
5           of Defense, or other shortcomings in such system,  
6           such that there is a reasonable possibility that a ma-  
7           terial noncompliance with contracting requirements  
8           will not be prevented, or detected and corrected, on  
9           a timely basis.”.

1 **SEC. 804 [Log 70935]. ACQUISITION AUTHORITY OF THE DI-**  
2 **RECTOR OF THE JOINT ARTIFICIAL INTEL-**  
3 **LIGENCE CENTER.**

4 (a) AUTHORITY.—

5 (1) IN GENERAL.—The Director of the Joint  
6 Artificial Intelligence Center shall be responsible for,  
7 and shall have the authority to conduct, the fol-  
8 lowing covered activities:

9 (A) Development and acquisition of artifi-  
10 cial intelligence technologies, services, and capa-  
11 bilities.

12 (B) Sustainment of artificial intelligence  
13 technologies, services, and capabilities.

14 (2) ACQUISITION FUNCTIONS.—Subject to the  
15 authority, direction, and control of the Secretary of  
16 Defense, the Director shall have authority to exer-  
17 cise the functions of a head of an agency (as defined  
18 in section 2302 of title 10, United States Code) with  
19 respect to a covered activity described in paragraph  
20 (1).

21 (b) JAIC ACQUISITION EXECUTIVE.—

22 (1) IN GENERAL.—The staff of the Director  
23 shall include an acquisition executive who shall be  
24 responsible for the supervision of covered activities  
25 under subsection (a). The acquisition executive shall  
26 have the authority—

1 (A) to negotiate memoranda of agreement  
2 with any element of the Department of Defense  
3 to carry out the acquisition of technologies,  
4 services, and capabilities described in subsection  
5 (a)(1) on behalf of the Center;

6 (B) to supervise the acquisition of tech-  
7 nologies, services, and capabilities described in  
8 subsection (a)(1);

9 (C) to represent the Center in discussions  
10 with military departments regarding acquisition  
11 programs relating to covered activities for which  
12 the Center is involved; and

13 (D) to work with the military departments  
14 to ensure that the Center is appropriately rep-  
15 resented in any joint working group or inte-  
16 grated product team regarding acquisition pro-  
17 grams relating to covered activities for which  
18 the Center is involved.

19 (2) DELIVERY OF ACQUISITION SOLUTIONS.—  
20 The acquisition executive of the Center shall be—

21 (A) responsible to the Director for rapidly  
22 delivering acquisition solutions to meet vali-  
23 dated artificial intelligence requirements;

1 (B) subordinate to the Under Secretary of  
2 Defense for Acquisition and Sustainment in  
3 matters of acquisition;

4 (C) subject to the same oversight as the  
5 service acquisition executives; and

6 (D) included on the distribution list for ac-  
7 quisition directives and instructions of the De-  
8 partment of Defense.

9 (e) ACQUISITION PERSONNEL.—

10 (1) IN GENERAL.—The Secretary of Defense  
11 shall provide the Center with ten full-time employees  
12 to support the Director in carrying out the require-  
13 ments of this section. Such employees shall have ex-  
14 perience in—

15 (A) program acquisition;

16 (B) the Joint Capabilities Integration and  
17 Development System process;

18 (C) program management;

19 (D) system engineering; and

20 (E) cost analysis.

21 (2) EXISTING PERSONNEL.—The personnel pro-  
22 vided under this subsection shall be provided from  
23 among the existing personnel of the Department of  
24 Defense.

1 (d) BUDGET.—Any budget proposal of the Center for  
2 funding for any covered activity described under sub-  
3 section (a) shall be disaggregated by the amount requested  
4 for each covered activity.

5 (e) FUNDING.—In exercising the authority granted in  
6 subsection (a), the Director may not obligate or expend  
7 more than \$150,000,000 out of the funds made available  
8 in each of fiscal years 2021, 2022, 2023, 2024, and 2025  
9 to enter into new contracts to support covered activities  
10 carried out under this section.

11 (f) IMPLEMENTATION PLAN REQUIRED.—

12 (1) IN GENERAL.—The Secretary of Defense  
13 may use the authority granted under subsection (a)  
14 30 days after the date on which the Secretary pro-  
15 vides to the congressional defense committees a plan  
16 for implementation such authority. The plan shall  
17 include the following:

18 (A) A Department of Defense-wide defini-  
19 tion of artificial intelligence technologies, serv-  
20 ices, and capabilities.

21 (B) Summaries of the components to be  
22 negotiated in any memoranda of agreement  
23 with an element of the Department of Defense  
24 to carry out covered activities described under  
25 subsection (a).

1 (C) Timelines for the negotiation and ap-  
2 proval of any such memorandum of agreement.

3 (D) Plan for oversight of the position of  
4 acquisition executive established in subsection  
5 (b).

6 (E) Assessment of the acquisition work-  
7 force needs of the Center to support the author-  
8 ity in subsection (a) until September 30, 2025.

9 (F) Other matters as appropriate.

10 (2) RELATIONSHIP TO OTHER AUTHORITIES.—

11 The requirement to submit a plan under this sub-  
12 section is in addition to the requirements under sec-  
13 tion 260 of the National Defense Authorization Act  
14 for Fiscal Year 2020 (Public Law 116–92; 133 Stat.  
15 1293).

16 (g) SUNSET.—Effective October 1, 2025, the Direc-  
17 tor may not exercise the authority under subsection (a)  
18 and may not enter into any new contracts under this sec-  
19 tion. The performance on any contract entered into before  
20 such date may continue according to the terms of such  
21 contract.

22 (h) DEFINITIONS.—In this section:

23 (1) CENTER.—The term “Center” means the  
24 Joint Artificial Intelligence Center of the Depart-  
25 ment of Defense established pursuant to the memo-

1        randum of the Secretary of Defense dated June 27,  
2        2018, and titled “Establishment of the Joint Artifi-  
3        cial Intelligence Center”, or any successor to such  
4        Center.

5            (2) COVERED ACTIVITY.—The term “covered  
6        activity”—

7            (A) means an acquisition activity con-  
8        ducted using the authority under this section;  
9        and

10          (B) does not include—

11            (i) a major defense acquisition pro-  
12          gram (as defined in section 2430 of title  
13          10, United States Code); or

14            (ii) a procurement of technologies re-  
15          lated to artificial intelligence, if the dura-  
16          tion of such procurement is expected to be  
17          greater than five years.

18            (3) DIRECTOR.—The term “Director” means  
19          the Director of the Center.

20            (4) ELEMENT.—The term “element” means an  
21          element described under section 111(b) of title 10,  
22          United States Code.

23            (5) MILITARY DEPARTMENTS.—The term “mili-  
24          tary departments” has the meaning given in section  
25          101(8) of title 10, United States Code.

1           (6) SERVICE ACQUISITION EXECUTIVE.—The  
2           term “service acquisition executive” has the meaning  
3           given in section 101(10) of title 10, United States  
4           Code.



1 **Subtitle B—Amendments to Gen-**  
2 **eral Contracting Authorities,**  
3 **Procedures, and Limitations**

4 **SEC. 811 [Log 71093]. CONTRACTOR WHISTLEBLOWER PRO-**  
5 **TECTIONS RELATING TO NONDISCLOSURE**  
6 **AGREEMENTS.**

7 (a) DEPARTMENT OF DEFENSE CONTRACTORS.—

8 (1) IN GENERAL.—Section 2409(a) of title 10,  
9 United States Code, is amended by adding at the  
10 end the following new paragraph:

11 “(4) This section applies to any disclosure made by  
12 an employee of a contractor, subcontractor, grantee, or  
13 subgrantee or personal services contractor whether or not  
14 such employee has signed, or is subject to, a nondisclosure  
15 policy, form, or agreement with such contractor, subcon-  
16 tractor, grantee, or subgrantee or personal services con-  
17 tractor.”.

18 (2) NOTIFICATION OF EMPLOYEES.—Section  
19 2409(d) of title 10, United States Code, is amended  
20 by inserting “(including the applicability of such  
21 rights and remedies if such an employee has signed,  
22 or is subject to, a nondisclosure policy, form, or  
23 agreement)” after “under this section”.

24 (3) APPLICATION.—With respect to a nondisclo-  
25 sure policy, form, or agreement between a covered

1 contractor and a covered employee that was in effect  
2 before the effective date of this Act, paragraph (4)  
3 of section 2409(a) of title 10, United States Code,  
4 as added by paragraph (1), shall apply if a covered  
5 contractor has provided notice to a covered employee  
6 of the rights and remedies of the covered employee  
7 relating to a nondisclosure policy, form, or agree-  
8 ment under section 2409(d) of such title, as amend-  
9 ed by paragraph (2).

10 (4) WEBSITE UPDATE.—The Inspector General  
11 of the Department of Defense and the Inspector  
12 General of the National Aeronautics and Space Ad-  
13 ministration shall update any relevant websites to  
14 include information about this subsection and the  
15 amendments made by this subsection.

16 (5) DEFINITIONS.—In this subsection:

17 (A) COVERED CONTRACTOR.—The term  
18 “covered contractor” means a contractor,  
19 grantee, or personal services contractor of the  
20 Department of Defense or the National Aero-  
21 nautics and Space Administration.

22 (B) COVERED EMPLOYEE.—The term  
23 “covered employee” means an employee of a  
24 covered contractor or a subcontractor or sub-  
25 grantee of a covered contractor.

1 (b) OTHER GOVERNMENT CONTRACTORS.—

2 (1) IN GENERAL.—Section 4712(a) of title 41,  
3 United States Code, is amended by adding at the  
4 end the following new paragraph:

5 “(4) EFFECT OF A NONDISCLOSURE POLICY,  
6 FORM, OR AGREEMENT.—This section applies to any  
7 disclosure made by an employee of a contractor, sub-  
8 contractor, grantee, or subgrantee or personal serv-  
9 ices contractor whether or not such employee has  
10 signed, or is subject to, a nondisclosure policy, form,  
11 or agreement with such contractor, subcontractor,  
12 grantee, or subgrantee or personal services con-  
13 tractor.”.

14 (2) NOTIFICATION OF EMPLOYEES.—Section  
15 4712(d) of title 41, United States Code, is amended  
16 by inserting “(including the applicability of such  
17 rights and remedies if such an employee has signed,  
18 or is subject to, a nondisclosure policy, form, or  
19 agreement)” after “under this section”.

20 (3) APPLICATION.—With respect to a nondisclo-  
21 sure policy, form, or agreement between a covered  
22 contractor and a covered employee that was in effect  
23 before the effective date of this Act, paragraph (4)  
24 of section 4712(a) of title 41, United States Code,  
25 as added by paragraph (1), shall apply if a covered

1 contractor has provided notice to a covered employee  
2 of the rights and remedies of the covered employee  
3 relating to a nondisclosure policy, form, or agree-  
4 ment under section 4712(d) of such title, as amend-  
5 ed by paragraph (2).

6 (4) WEBSITE UPDATE.—Each Inspector Gen-  
7 eral (as defined in section 4712(g) of title 41,  
8 United States Code) shall update any relevant  
9 websites to include information about this subsection  
10 and the amendments made by this subsection.

11 (5) DEFINITIONS.—In this subsection:

12 (A) COVERED CONTRACTOR.—The term  
13 “covered contractor” means a contractor,  
14 grantee, or personal services contractor for a  
15 Federal contract or grant (as defined for pur-  
16 poses of division C of title 41).

17 (B) COVERED EMPLOYEE.—The term  
18 “covered employee” means an employee of a  
19 covered contractor or a subcontractor or sub-  
20 grantee of a covered contractor.

1 **SEC. 812 [Log 71132]. INCLUSION OF OPTICAL TRANS-**  
2 **MISSION COMPONENTS IN THE ANALYTICAL**  
3 **FRAMEWORK FOR SUPPLY CHAIN RISKS.**

4 Section 2509(b)(2)(A)(ii) of title 10, United States  
5 Code, is amended by striking “(other than optical trans-  
6 mission components)”.

1 **SEC. 813 [Log 71122]. MODIFICATIONS TO COMPTROLLER**  
2 **GENERAL ASSESSMENT OF ACQUISITION**  
3 **PROGRAMS AND RELATED INITIATIVES.**

4 Section 2229b(b)(2) of title 10, United States Code,  
5 is amended by striking “a summary of” and all that fol-  
6 lows through “discussion of the” and inserting “a discus-  
7 sion of selected organizational, policy, and legislative  
8 changes, as determined appropriate by the Comptroller  
9 General, and the potential”.

1 **SEC. 814 [Log 71133]. AMENDMENT TO DEFINITION OF**  
2 **QUALIFIED APPRENTICE.**

3 Section 2870(d) of title 10, United States Code, is  
4 amended—

5 (1) in paragraph (1), by inserting “or” at the  
6 end;

7 (2) in paragraph (2), by striking “; or” at the  
8 end and inserting a period; and

9 (3) by striking paragraph (3).

1 **SEC. 815 [Log 71130]. CONTRACT CLOSEOUT AUTHORITY**  
2 **FOR SERVICES CONTRACTS.**

3 Section 836 of the National Defense Authorization  
4 Act for Fiscal Year 2017 (10 U.S.C. 2302 note) is amend-  
5 ed—

6 (1) by amending subsection (b)(1) to read as  
7 follows:

8 “(1) was entered into—

9 “(A) with respect to a contract or group of  
10 contracts for services, on a date that is the  
11 later of—

12 “(i) at least 7 fiscal years before the  
13 current fiscal year; and

14 “(ii) the number of years applicable to  
15 the contract or group of contracts in sub-  
16 part 4.7 of the Federal Acquisition Regula-  
17 tion (as in effect on April 1, 2020);

18 “(B) with respect to a contract or group of  
19 contracts not described in subparagraph (A), on  
20 a date that is at least 17 fiscal years before the  
21 current fiscal year;”;

22 (2) by redesignating subsections (f) and (g) as  
23 subsections (g) and (h), respectively; and

24 (3) by inserting after subsection (e) the fol-  
25 lowing new subsection:



1           “(f) OVERSIGHT.—The Secretary of Defense, acting  
2 through the Director of the Defense Contract Manage-  
3 ment Agency, shall establish and maintain a centralized  
4 capability with necessary expertise and resources to pro-  
5 vide oversight of the closeout of a contract or group of  
6 contracts covered by this section.”.

1 **SEC. 816 [Log 71311]. DISCLOSURE OF BENEFICIAL OWNERS**  
2 **IN DATABASE FOR FEDERAL AGENCY CON-**  
3 **TRACT AND GRANT OFFICERS.**

4 Section 2313(d)(3) of title 41, United States Code,  
5 is amended by inserting “, and an identification of any  
6 beneficial owner of such corporation,” after “to the cor-  
7 poration”.

1 **SEC. 817 [Log 71584]. SUSTAINMENT REFORM FOR THE DE-**  
2 **PARTMENT OF DEFENSE.**

3 (a) SUSTAINMENT ACTIVITIES IN THE NATIONAL  
4 DEFENSE STRATEGY.—

5 (1) IN GENERAL.—Section 113(g)(1)(B) of title  
6 10, United States Code, is amended by adding at  
7 the end the following new subsection:

8 “(vii) A strategic framework pre-  
9 scribed by the Secretary that guides how  
10 the Department will prioritize and inte-  
11 grate activities relating to sustainment of  
12 major defense acquisition programs, core  
13 logistics capabilities (as described under  
14 section 2464 of this title), and the national  
15 technology and industrial base (as defined  
16 in section 2500 of this title).”.

17 (2) DUTIES OF THE UNDER SECRETARY OF DE-  
18 FENSE FOR ACQUISITION AND SUSTAINMENT.—Sec-  
19 tion 133b(b) of title 10, United States Code, is  
20 amended—

21 (A) in paragraph (7), by striking “and” at  
22 the end;

23 (B) in paragraph (8), by striking the pe-  
24 riod at the end and inserting “; and”; and

25 (C) by adding at the end the following new  
26 paragraph:

1           “(9) advising the Secretary on all aspects of ac-  
2           quisition and sustainment relating to—

3                   “(A) major defense acquisition programs;

4                   “(B) core logistics capabilities (as de-  
5           scribed under section 2464 of this title);

6                   “(C) the national technology and industrial  
7           base (as defined in section 2500 of this title);  
8           and

9                   “(D) the development of the strategic  
10          framework described in section  
11          113(g)(1)(B)(vii) of this title.”.

12          (3) INTERIM GUIDANCE.—Not later than Octo-  
13          ber 1, 2021, the Secretary of Defense shall publish  
14          interim guidance to carry out the requirements of  
15          this subsection.

16          (b) REPORT.—Not later than February 1, 2021, the  
17          Secretary of Defense shall submit to the congressional de-  
18          fense committees a report on the progress towards pub-  
19          lishing the interim guidance required under subsection  
20          (a)(3).

1           **Subtitle C—Industrial Base**  
2                           **Matters**

3   **SEC. 821 [Log 71515]. QUARTERLY NATIONAL TECHNOLOGY**  
4                           **AND INDUSTRIAL BASE BRIEFINGS.**

5           (a) IN GENERAL.—Section 2504 of title 10, United  
6 States Code, is amended—

7                   (1) by striking “The Secretary” and inserting  
8 the following:

9                   “(a) ANNUAL REPORT.—The Secretary”; and

10                   (2) by adding at the end the following new sub-  
11 section:

12                   “(b) QUARTERLY BRIEFINGS.—(1) The Secretary of  
13 Defense shall ensure that the congressional defense com-  
14 mittees receive quarterly briefings on the progress of the  
15 Department of Defense to address the prioritized list of  
16 gaps or vulnerabilities in the national technology and in-  
17 dustrial base described in subsection (a)(3)(B) as follows:

18                           “(A) One quarterly briefing per year shall be  
19 provided by the Secretary of the Army.

20                           “(B) One quarterly briefing per year shall be  
21 provided by the Secretary of the Navy.

22                           “(C) One quarterly briefing per year shall be  
23 provided by the Secretary of the Air Force.

1           “(D) One quarterly briefing per year shall be  
2           provided by all appropriate heads of the Defense  
3           Agencies identified under subsection (a)(3)(B)(ii).

4           “(2) Each briefing under paragraph (1) shall include  
5           an update of the progress of addressing such gaps or  
6           vulnerabilities by the Secretary concerned or the appro-  
7           priate head of a Defense Agency, including an update  
8           on—

9           “(A) actions taken to address such gaps or  
10          vulnerabilities;

11          “(B) the mitigation strategies necessary to ad-  
12          dress such gaps or vulnerabilities; and

13          “(C) the proposed timeline for action to address  
14          such gaps or vulnerabilities.”.

15          (b) CONFORMING AND CLERICAL AMENDMENTS.—

16           (1) HEADING AMENDMENT.—The heading of  
17           section 2504 of such title is amended to read as fol-  
18           lows:

19           **“§ 2504. National technology and industrial base: an-  
20           nual report and quarterly briefings”.**

21           (2) CLERICAL AMENDMENT.—The table of sec-  
22           tions for subchapter II of chapter 148 of such title  
23           is amended by striking the item relating to section  
24           2504 and inserting the following new item:

          “2504. National technology and industrial base: annual report and quarterly  
          briefing.”.

1 **SEC. 822 [Log71414]. MODIFICATIONS TO SUPERVISION AND**  
2 **AWARD OF CERTAIN CONTRACTS.**

3 (a) SUPERVISION OF MILITARY CONSTRUCTION  
4 PROJECTS.—Section 2851 of title 10, United States Code,  
5 is amended—

6 (1) in subsection (c)(1)—

7 (A) by inserting “or appropriated” after  
8 “funds authorized” each place such term ap-  
9 pears; and

10 (B) in subparagraph (E), by inserting “,  
11 Facilities Sustainment, Restoration, and Mod-  
12 ernization (FSRM) project,” after “military  
13 construction project”; and

14 (2) in subsection (c)(2)—

15 (A) by inserting “, deadline for bid submis-  
16 sions,” after “solicitation date”;

17 (B) by inserting “(including the address of  
18 such recipient)” after “contract recipient”; and

19 (C) by adding at the end the following new  
20 subparagraphs:

21 “(H) Any subcontracting plan required under  
22 paragraph (4) or (5) of section 8(d) of the Small  
23 Business Act (15 U.S.C. 637(d)) for the project sub-  
24 mitted by the contract recipient to the Secretary of  
25 Defense.

1           “(I) A detailed written statement describing  
2           and justifying any exception applied or waiver grant-  
3           ed under—

4                   “(i) chapter 83 of title 41;

5                   “(ii) section 2533a of this title; or

6                   “(iii) section 2533b of this title.”; and

7           (3) by adding at the end the following new  
8           paragraph:

9           “(4) The information required to be published on the  
10          Internet website under subsection (c) shall constitute a  
11          record for the purposes of Chapter 21, 29, 31, and 33  
12          of title 44.”.

13          (b) REQUIREMENTS RELATING TO THE AWARD OF  
14          COVERED MILITARY CONSTRUCTION CONTRACTS.—

15                 (1) REQUIREMENTS.—Subchapter III of chap-  
16          ter 169 of title 10, United States Code, is amended  
17          by inserting after section 2851 the following new  
18          section:

19          “**§ 2851a. Requirements relating to the award of cov-**  
20                         **ered military construction contracts**

21                 “(a) PUBLICATION OF CERTAIN INFORMATION RE-  
22          LATING TO COVERED MILITARY CONSTRUCTION CON-  
23          TRACTS.—



1           “(1) CONTRACTOR REQUIREMENTS.—A con-  
2 tractor that has been awarded a covered military  
3 construction contract shall—

4           “(A) make publicly available on a website  
5 of the General Services Administration or the  
6 Small Business Administration, as applicable,  
7 any solicitation under that covered military con-  
8 struction contract for a subcontract of an esti-  
9 mated value of \$250,000 or more; and

10           “(B) submit written notification of the  
11 award of the covered military construction con-  
12 tract, and of any subcontract awarded under  
13 the covered military construction contract, to  
14 the relevant agency of a covered State that en-  
15 forces workers’ compensation or minimum wage  
16 laws in such covered State.

17           “(2) NOTICE.—Upon award of a covered mili-  
18 tary construction contract with an estimated value  
19 greater than or equal to \$2,000,000, the Secretary  
20 concerned shall notify any applicable Member of  
21 Congress representing the covered State in which  
22 that covered military construction contract is to be  
23 performed of such award in a timely manner.

24           “(3) FEDERAL PROCUREMENT DATA SYSTEM.—  
25 The Secretary of Defense shall ensure that there is

1 a clear and unique indication of any covered military  
2 construction contract with subcontracting work of an  
3 estimated value of \$250,000 or more in the Federal  
4 Procurement Data System established pursuant to  
5 section 1122(a)(4) of title 41 (or any successor sys-  
6 tem).

7 “(b) USE OF LOCAL FIRMS AND INDIVIDUALS.—

8 “(1) IN GENERAL.—To the extent practicable,  
9 in awarding a covered military construction contract,  
10 the Secretary concerned shall give preference to  
11 those firms and individuals residing or doing busi-  
12 ness primarily in the same State as, or within a 60-  
13 mile radius of, the location of the work to be per-  
14 formed pursuant to the contract.

15 “(2) JUSTIFICATION REQUIRED.—The Sec-  
16 retary concerned shall prepare a written justifica-  
17 tion, and make such justification available on the  
18 Internet site required under section 2851 of this  
19 title, for the award of any covered military construc-  
20 tion contract to a firm or individual that is not de-  
21 scribed under paragraph (1).

22 “(c) LICENSING.—A contractor and any subcontrac-  
23 tors performing a covered military construction contract  
24 shall be licensed to perform the work under such contract  
25 in the State in which the work will be performed.

1       “(d) MONTHLY REPORT.—Not later than 10 days  
2 after the end of each month, the Secretary of Defense  
3 shall submit to the congressional defense committees a re-  
4 port identifying for that month the following:

5           “(1) Each covered military construction con-  
6 tract and each subcontract of a covered military con-  
7 struction contract described in subsection (a)(1)(A)  
8 awarded during that month.

9           “(2) The location of the work to be performed  
10 pursuant to each covered military construction con-  
11 tract and subcontract identified pursuant to para-  
12 graph (1).

13           “(3) The prime contractor and any subcon-  
14 tractor performing each covered military construc-  
15 tion contract and subcontract identified pursuant to  
16 paragraph (1).

17           “(4) The estimated value of each covered mili-  
18 tary construction contract and subcontract identified  
19 pursuant to paragraph (1).

20       “(e) EXCLUSION OF CLASSIFIED PROJECTS.—This  
21 section does not apply to a classified covered military con-  
22 struction project.

23       “(f) DEFINITIONS.—In this section:

24           “(1) COVERED MILITARY CONSTRUCTION CON-  
25 TRACT.—The term ‘covered military construction

1 contract’ means a contract for work on a military  
2 construction project, military family housing project,  
3 or Facilities Sustainment, Restoration, and Mod-  
4 ernization (FSRM) project carried out in a covered  
5 State.

6 “(2) COVERED STATE.—The term ‘covered  
7 State’ means any of the several States, the District  
8 of Columbia, the Commonwealth of Puerto Rico,  
9 Guam, American Samoa, the United States Virgin  
10 Islands, or the Commonwealth of the Northern Mar-  
11 iana Islands.

12 “(3) MEMBER OF CONGRESS.—The term ‘Mem-  
13 ber of Congress’ has the meaning given the term in  
14 section 2106 of title 5.”.

15 (2) CLERICAL AMENDMENT.—The table of sec-  
16 tions at the beginning of subchapter III of chapter  
17 169 of title 10, United States Code, is amended by  
18 inserting after the item relating to section 2851 the  
19 following new item:

“2851a. Requirements relating to the award of covered military construction  
contracts.”.

20 (3) APPLICABILITY.—Section 2851a of title 10,  
21 United States Code, as added by paragraph (1),  
22 shall apply with respect to a covered military con-  
23 struction contract, as defined in such section, en-

1       tered into on or after the date of the enactment of  
2       this Act.

3       (c) SMALL BUSINESS CREDIT FOR LOCAL BUSI-  
4       NESSES.—Section 15 of the Small Business Act (15  
5       U.S.C. 644) is amended by adding at the end the following  
6       new subsection—

7       “(y) SMALL BUSINESS CREDIT FOR LOCAL BUSI-  
8       NESSES.—

9               “(1) CREDIT FOR MEETING SUBCONTRACTING  
10       GOALS.—If a prime contractor awards a subcontract  
11       (at any tier) to a small business concern that has its  
12       principal office located in the same State as, or with-  
13       in a 60-mile radius of, the location of the work to  
14       be performed pursuant to the contract of the prime  
15       contractor, the value of the subcontract shall be dou-  
16       bled for purposes of determining compliance with the  
17       goals for procurement contracts under subsection  
18       (g)(1)(A) during such period.

19               “(2) REPORT.—Along with the report required  
20       under subsection (h)(1), the head of each Federal  
21       agency shall submit to the Administrator, and make  
22       publicly available on the scorecard described in sec-  
23       tion 868(b) of the National Defense Authorization  
24       Act for Fiscal Year 2016 (Public Law 114–92; 129  
25       Stat. 933; 15 U.S.C. 644 note), an analysis of the

- 1 number and dollar amount of subcontracts awarded
- 2 pursuant to paragraph (1) for each fiscal year of the
- 3 period described in such paragraph.”.

1 **SEC. 823 [Log 71467]. AMENDMENTS TO SUBMISSIONS TO**  
2 **CONGRESS RELATING TO CERTAIN FOREIGN**  
3 **MILITARY SALES.**

4 Section 887(b) of the National Defense Authorization  
5 Act for Fiscal Year 2018 (Public Law 115–91; 22 U.S.C.  
6 2761 note) is amended—

7 (1) by striking “the Secretary shall” each place  
8 it appears and inserting “the Secretary, in consulta-  
9 tion with the Secretary of State, shall”;

10 (2) in paragraph (1)—

11 (A) by striking “December 31, 2021” and  
12 inserting “December 31, 2024”; and

13 (B) by striking “with a value” and all that  
14 follows through the “subsection (a)”; and

15 (3) in paragraph (2), by striking “December  
16 31, 2021” and inserting “December 31, 2024”.

1 **SEC. 824 [Log 71124]. REVISIONS TO REQUIREMENT TO USE**  
2 **FIRM FIXED-PRICE CONTRACTS FOR FOR-**  
3 **EIGN MILITARY SALES.**

4 (a) IN GENERAL.—Section 830 of the National De-  
5 fense Authorization Act for Fiscal Year 2017 (22 U.S.C.  
6 2762 note) is amended—

7 (1) in subsection (a), by inserting “and subject  
8 to subsection (e)” after “enactment of this Act”;  
9 and

10 (2) by adding at the end the following new sub-  
11 section:

12 “(e) APPLICABILITY.—The regulations prescribed  
13 pursuant to subsection (a) shall not apply to a foreign  
14 military sale for which the foreign country that is the  
15 counterparty to such foreign military sale has requested  
16 a modification to the defense service or defense article that  
17 is the subject of such foreign military sale that would re-  
18 quire significant development work.”; and

19 (3) in subsection (c), by adding at the end the  
20 following new sentence: “The Secretary may not del-  
21 egate the authority to exercise such a waiver below  
22 the level of the service acquisition executive (as de-  
23 fined in section 101(a)(10) of title 10, United States  
24 Code).”.

25 (b) IMPLEMENTATION.—The Secretary of Defense  
26 shall—



1           (1) not later than 120 days after the date of  
2           the enactment of this Act, issue guidance to carry  
3           out the amendments made by this section; and

4           (2) not later than February 1, 2021, revise the  
5           Department of Defense Supplement to the Federal  
6           Acquisition Regulation to carry out the amendments  
7           made by this section.

1 **SEC. 825 [Log 71578]. SMALL BUSINESS INDUSTRIAL BASE**  
2 **RESILIENCY PROGRAM.**

3 (a) ESTABLISHMENT.—The Assistant Secretary of  
4 Defense for Industrial Base Policy (established under sec-  
5 tion 901 of this Act) shall establish a program to be  
6 known as the “Small Business Industrial Base Resiliency  
7 Program” under which the Assistant Secretary shall enter  
8 into transactions to purchase or to make a commitment  
9 to purchase goods or services from small business concerns  
10 as described in subsection (b) to respond to the COVID–  
11 19 pandemic.

12 (b) USES OF TRANSACTIONS.—A transaction entered  
13 into pursuant to the authority under this section shall—

14 (1) support the monitoring and assessment of  
15 small business concerns that enter into such a trans-  
16 action;

17 (2) address critical issues in the industrial base  
18 relating to urgent operational needs in response to  
19 the COVID–19 pandemic;

20 (3) support efforts to create, maintain, protect,  
21 expand, or restore the industrial base in response to  
22 the COVID–19 pandemic; and

23 (4) as applicable, address supply chain  
24 vulnerabilities related to the COVID–19 pandemic  
25 for small business concerns that enter into such a  
26 transaction.

1           (c) DURATION.—The term of a transaction entered  
2 into pursuant to the authority under this section shall be  
3 two years.

4           (d) LIABILITIES.—With respect to any transaction  
5 entered into pursuant to the authority under this section  
6 on or after the date of enactment of this Act, if such trans-  
7 action imposes any contingent liability upon the United  
8 States, such liability shall be recorded as an obligation  
9 against amounts made available from the Research and  
10 Development, Defense-Wide, Pandemic Preparedness and  
11 Resilience National Security Fund under section 1003 in  
12 an amount equal to the maximum amount of the contin-  
13 gency at the time such transaction is entered into.

14           (e) REPORT.—Not later than March 1, 2021, the As-  
15 sistant Secretary of Defense for Industrial Base Policy  
16 shall submit to the appropriate committees a report that  
17 includes the following:

18                   (1) A description of any guidance or policy  
19 issued to carry out this section.

20                   (2) A description of any relevant assessments  
21 prepared to address critical issues in the industrial  
22 base relating to urgent operational needs related to  
23 the COVID–19 pandemic.

24                   (3) A description of any transaction entered  
25 into pursuant to the authority under this section,

1 and the impact such transaction has had on the re-  
2 sponse of the Department of Defense to the  
3 COVID–19 pandemic.

4 (4) A prioritized list of gaps or vulnerabilities  
5 in the transactions of the industrial base in which  
6 small business concerns participate that are related  
7 the COVID–19 pandemic, including—

8 (A) a description of mitigation strategies  
9 necessary to address such gaps or  
10 vulnerabilities;

11 (B) the identification of the Secretary con-  
12 cerned or the head of the Defense Agency re-  
13 sponsible for addressing such gaps or  
14 vulnerabilities; and

15 (C) a proposed timeline for action to ad-  
16 dress such gaps or vulnerabilities.

17 (5) Identification of each transaction designed  
18 to sustain specific essential technological and indus-  
19 trial capabilities and processes of the industrial base  
20 in which small business concerns participate that are  
21 related to the COVID–19 pandemic.

22 (6) Any other steps necessary to foster and  
23 safeguard the industrial base in which small busi-  
24 ness concerns participate due to the impact of the  
25 COVID–19 pandemic.

1 (f) FUNDING.—The Assistant Secretary of Defense  
2 for Industrial Base Policy shall use amounts authorized  
3 to be appropriated for Research and Development, De-  
4 fense-Wide, Pandemic Preparedness and Resilience Na-  
5 tional Security Fund under section 1003 to carry out the  
6 requirements of this section.

7 (g) DEFINITIONS.—In this Act:

8 (1) APPROPRIATE COMMITTEES.—The term  
9 “covered committees” means—

10 (A) the Committees on Armed Services of  
11 the Senate and the House of Representatives;  
12 and

13 (B) the Committee on Small Business and  
14 Entrepreneurship of the Senate and the Com-  
15 mittee on Small Business of the House of Rep-  
16 resentatives.

17 (2) COVID–19 PANDEMIC.—The term  
18 “COVID–19 pandemic” means the national emer-  
19 gency declared by the President under the National  
20 Emergencies Act (50 U.S.C. 1601 et seq.).

21 (3) DEFENSE AGENCY.—The term “Defense  
22 Agency” has the meaning given in section 101 of  
23 title 10, United States Code.

1           (4) SECRETARY CONCERNED.—The term “Sec-  
2       retary concerned” has the meaning given in section  
3       101 of title 10, United States Code.

4           (5) SMALL BUSINESS CONCERN.—The term  
5       “small business concern” has the meaning given  
6       under section 3 of the Small Business Act (15  
7       U.S.C. 632)).

1 **SEC. 826 [Log 71089]. ASSESSMENT OF THE REQUIREMENTS**  
2 **PROCESSES OF THE MILITARY DEPART-**  
3 **MENTS.**

4 (a) ASSESSMENT.—The Secretary of the military de-  
5 partment concerned shall assess the requirements process  
6 of the military department and make recommendations to  
7 improve the agility and timeliness of such requirements  
8 process for acquisition programs of the military depart-  
9 ment.

10 (b) REPORT.—

11 (1) IN GENERAL.—Not later than March 31,  
12 2021, each Secretary of a military department shall  
13 submit to the congressional defense committees a re-  
14 port on the assessment conducted pursuant to sub-  
15 section (a) and specific plans to update the require-  
16 ments processes of the military department con-  
17 cerned based on such assessment.

18 (2) ELEMENTS.—Each report shall include an  
19 analysis of and recommended improvements for the  
20 following elements:

21 (A) If appropriate, information from the  
22 report required in section 800(f) of the Na-  
23 tional Defense Authorization Act for Fiscal  
24 Year 2020 (Public Law 116–92).

1 (B) The alignment of the requirements  
2 processes, acquisition system, and budget proc-  
3 ess of the military department concerned.

4 (C) The requirements process for each ac-  
5 quisition pathway of the adaptive acquisition  
6 framework (as described in Department of De-  
7 fense Instruction 5000.02, “Operation of the  
8 Adaptive Acquisition Framework”), including  
9 the time it takes to complete requirements de-  
10 velopment and approval process for each path-  
11 way.

12 (D) For each acquisition pathway de-  
13 scribed in subparagraph (C), the processes for  
14 and the extent to which detailed systems engi-  
15 neering and requirements trade-off analyses are  
16 done before the development of requirements  
17 begins for a specific acquisition program to en-  
18 sure that risks are understood and accounted  
19 for and that both top-level and derived require-  
20 ments (development as well as reliability and  
21 maintainability) are achievable within cost,  
22 schedule, and technology constraints.

23 (E) Organizational roles and responsibil-  
24 ities of individuals with responsibilities relating  
25 to the requirements process for the military de-



1           department concerned, including the role, com-  
2           position, and metrics used to assess the effec-  
3           tiveness of any requirements oversight council  
4           of the military department concerned.

5           (F) The composition and sufficiency of in-  
6           dividuals who develop requirements for the mili-  
7           tary department concerned, including any ac-  
8           quisition workforce planning and personnel  
9           shortfalls and resources needed to address any  
10          such shortfalls.

11          (G) The ability of the requirements process  
12          to address the urgent needs of the military de-  
13          partment concerned.

14          (H) The capacity to review changes in re-  
15          quirements for programs of record.

16          (I) The validation of decisions made from  
17          the requirements process and the alignment of  
18          each such decision to the national defense strat-  
19          egy required under section 113(g) of title 10,  
20          United States Code.

21          (J) The use of portfolio management in  
22          the requirements process to coordinate decisions  
23          and avoid any duplication of requirements  
24          across acquisition programs.

1           (K) The implementation of recommenda-  
2           tions on the process from the Comptroller Gen-  
3           eral of the United States by each military de-  
4           partment.

5           (L) Identification and comparison of best  
6           practices in the private sector and the public  
7           sector for the requirements development and  
8           approval process.

9           (M) Other recommendations to improve  
10          the process of establishing requirements, includ-  
11          ing lessons learned from responding to the  
12          COVID-19 pandemic.

13          (N) Any additional matters that the Secre-  
14          taries determine appropriate.

1 **SEC. 827 [Log 71580]. REPORT ON TRANSFER AND CONSOLI-**  
2 **DATION OF CERTAIN DEFENSE ACQUISITION**  
3 **STATUTES.**

4 Not later than February 21, 2021, the Secretary of  
5 Defense shall submit to the congressional defense commit-  
6 tees a report containing a comprehensive legislative pro-  
7 posal for the transfer and consolidation of statutes within  
8 the framework for part V of subtitle A of title 10, United  
9 States Code (as enacted by section 801 of the National  
10 Defense Authorization Act for Fiscal Year 2019 (Public  
11 Law 115-232)), along with conforming amendments to law  
12 required by such transfer and consolidation. Such report  
13 shall include an assessment of the effect of such transfer  
14 and consolidation on related Department of Defense ac-  
15 tivities, guidance, and interagency coordination.

1 **SEC. 901 [Log 71088]. ASSISTANT SECRETARY OF DEFENSE**  
2 **FOR INDUSTRIAL BASE POLICY.**

3 (a) IN GENERAL.—

4 (1) ASSISTANT SECRETARIES OF DEFENSE.—  
5 Section 138 of title 10, United States Code, is  
6 amended—

7 (A) in subsection (a)(1), by striking “13”  
8 and inserting “14”; and

9 (B) in subsection (b), by adding at the end  
10 the following new paragraph:

11 “(6) One of the Assistant Secretaries is the As-  
12 sistant Secretary of Defense for Industrial Base Pol-  
13 icy. In addition to any duties and powers prescribed  
14 under paragraph (1), the Assistant Secretary of De-  
15 fense for Industrial Base Policy shall have the duties  
16 described in section 139c of this title.”.

17 (2) ASSISTANT SECRETARY OF DEFENSE FOR  
18 INDUSTRIAL BASE POLICY.—Chapter 4 of subtitle A  
19 of title 10, United States Code, is amended by in-  
20 serting after section 139b the following new section:

21 **“§ 139c. Assistant Secretary of Defense for Industrial**  
22 **Base Policy**

23 “(a) IN GENERAL.—The Assistant Secretary of De-  
24 fense for Industrial Base Policy shall report to the Under  
25 Secretary of Defense for Acquisition and Sustainment.

1           “(b) RESPONSIBILITIES.—The Assistant Secretary of  
2 Defense for Industrial Base Policy shall be the head of  
3 the Office of Defense Industrial Base Policy and shall  
4 serve as the principal advisor to the Under Secretary of  
5 Defense for Acquisition and Sustainment in the perform-  
6 ance of the Under Secretary’s duties relating to the fol-  
7 lowing:

8           “(1) Providing input to strategy reviews on  
9 matters related to—

10                   “(A) the defense industrial base; and

11                   “(B) materials critical to national security  
12 (as defined in section 187(e)(1) of this title).

13           “(2) Establishing policies of the Department of  
14 Defense for developing and maintaining the defense  
15 industrial base of the United States and ensuring a  
16 secure supply of materials critical to national secu-  
17 rity.

18           “(3) Providing recommendations on budget  
19 matters pertaining to the defense industrial base,  
20 the supply chain, and the development and retention  
21 of skills necessary to support the defense industrial  
22 base.

23           “(4) Providing recommendations and acquisi-  
24 tion policy guidance on defense supply chain man-  
25 agement and supply chain vulnerability throughout

1 the entire defense supply chain, from suppliers of  
2 raw materials to producers of major end items.

3 “(5) Establishing the national security objec-  
4 tives concerning the national technology and indus-  
5 trial base required under section 2501 of this title.

6 “(6) Executing the national defense program  
7 for analysis of the national technology and industrial  
8 base required under section 2503 of this title.

9 “(7) Performing the national technology and in-  
10 dustrial base periodic defense capability assessments  
11 required under section 2505 of this title.

12 “(8) Establishing the technology and industrial  
13 base policy guidance required under section 2506 of  
14 this title.

15 “(9) Providing policy and oversight of matters  
16 related to materials critical to national security to  
17 ensure a secure supply of such materials to the De-  
18 partment of Defense.

19 “(10) Carrying out the activities of the Depart-  
20 ment of Defense relating to the Defense Production  
21 Act Committee established under section 722 of the  
22 Defense Production Act of 1950 (50 U.S.C. App.  
23 2171).

24 “(11) Consistent with section 2(b) of the De-  
25 fense Production Act of 1950 (50 U.S.C. App.

1       2062(b)), executing other applicable authorities pro-  
2       vided under the Defense Production Act of 1950 (50  
3       U.S.C. App. 2061 et seq.), including authorities  
4       under titles I and III of such Act.

5               “(12) Establishing Department of Defense poli-  
6       cies related to international defense technology secu-  
7       rity and export control issues.

8               “(13) Establishing policies related to industrial  
9       independent research and development programs  
10       under section 2372 of this title.

11              “(14) Coordinating with the Director of Small  
12       Business Programs on all matters related to indus-  
13       trial base policy of the Department of Defense.

14              “(15) Ensuring reliable sources of materials  
15       critical to national security, such as specialty metals,  
16       armor plate, and rare earth elements.

17              “(16) Establishing policies of the Department  
18       of Defense for continued reliable resource availability  
19       from secure sources for the defense industrial base  
20       of the United States.

21              “(17) Establishing policies related to a procure-  
22       ment technical assistance program funded under this  
23       chapter 142 of this title.

24              “(18) Such other duties as are assigned by the  
25       Under Secretary.

1       “(c) RULES OF CONSTRUCTION RELATING TO DE-  
2 FENSE PRODUCTION ACT.—Nothing in this section shall  
3 be construed to modify the authorities or responsibilities  
4 of any officer or employee of the United States under the  
5 Defense Production Act of 1950 (50 U.S.C. 4501 et seq.),  
6 including those authorities and responsibilities specified in  
7 Department of Defense Directive 4400.01E (or any suc-  
8 cessor directive). In addition, nothing in subsection (b)(9)  
9 shall be construed to limit the authority or modify the poli-  
10 cies of the Committee on Foreign Investment in the  
11 United States established under section 721(k) of such  
12 Act (50 U.S.C. 4565(k)).”.

13           (3) CLERICAL AMENDMENT.—The table of con-  
14 tents for chapter 4 of subtitle A of title 10, United  
15 States Code, is amended by inserting after the item  
16 relating to section 139b the following new item:

“139c. Assistant Secretary of Defense for Industrial Base Policy.”.

17       (b) CONTINUATION OF SERVICE.—The Deputy As-  
18 sistant Secretary of Defense for Industrial Policy shall be  
19 the individual serving as the Assistant Secretary of De-  
20 fense for Industrial Base Policy (as established under sec-  
21 tion 139c(a) of title 10, United States Code, as added by  
22 subsection (a)) until the President has appointed an indi-  
23 vidual to serve as Assistant Secretary of Defense for In-  
24 dustrial Base Policy pursuant to section 138 of title 10,  
25 United States Code.



1           (c) TRANSFER OF OFFICE OF INDUSTRIAL POLICY  
2 TO OFFICE OF DEFENSE INDUSTRIAL BASE POLICY.—

3           (1) TRANSFER OF FUNCTIONS.—Not later than  
4 180 days after the date of the enactment of this Act,  
5 all functions that, immediately before such date of  
6 enactment, were functions of the Office of Industrial  
7 Policy of the Department of Defense shall be trans-  
8 ferred to the Office of Defense Industrial Base Pol-  
9 icy.

10          (2) TRANSFER OF ASSETS.—So much of the  
11 personnel, property, records, and unexpended bal-  
12 ances of appropriations, allocations, and other funds  
13 employed, used, held, available, or to be made avail-  
14 able in connection with a function transferred under  
15 paragraph (1) shall be available to the Office of De-  
16 fense Industrial Base Policy at such time or times  
17 as the President directs for use in connection with  
18 the functions transferred.

19          (3) TERMINATION.—The Office of Industrial  
20 Policy of the Department of Defense shall terminate  
21 on the earlier of—

22           (A) the effective date of the transfers  
23 under paragraph (1); or

24           (B) 180 days after the date of the enact-  
25 ment of this Act.

1 **SEC. 902 [Log 71208]. ASSISTANT SECRETARY OF DEFENSE**  
2 **FOR SPACE AND STRATEGIC DETERRENCE**  
3 **POLICY.**

4 (a) ASSISTANT SECRETARIES OF DEFENSE.—Para-  
5 graph (5) of section 138(b) of title 10, United States  
6 Code, is amended to read as follows:

7 “(5) One of the Assistant Secretaries is the Assistant  
8 Secretary of Defense for Space and Strategic Deterrence  
9 Policy. The principal duty of the Assistant Secretary shall  
10 be the overall supervision of policy of the Department of  
11 Defense for space, nuclear deterrence, and missile de-  
12 fense.”.

13 (b) SPACE FORCE ACQUISITION COUNCIL.—Section  
14 9021(b)(3) of title 10, United States Code, is amended  
15 by striking “Assistant Secretary of Defense for Space Pol-  
16 icy” and inserting “Assistant Secretary of Defense for  
17 Space and Strategic Deterrence Policy”.

18 (c) ELEMENTS OF OFFICE.—Section 955(b) of the  
19 National Defense Authorization Act for Fiscal Year 2020  
20 (Public Law 116–92; 133 Stat. 1565) is amended by strik-  
21 ing “Assistant Secretary of Defense for Space Policy” and  
22 inserting “Assistant Secretary of Defense for Space and  
23 Strategic Deterrence Policy”.

1 **SEC. 904 [Log 71585]. ESTABLISHMENT OF DEPUTY ASSIST-**  
2 **ANT SECRETARIES FOR SUSTAINMENT.**

3 (a) DEPARTMENT OF THE ARMY.—

4 (1) IN GENERAL.—Chapter 703 of title 10,  
5 United States Code, is amended by adding at the  
6 end the following new section:

7 **“§ 7025. Deputy Assistant Secretary of the Army for**  
8 **Sustainment**

9 “(a) APPOINTMENT.—There is a Deputy Assistant  
10 Secretary of the Army for Sustainment, who shall be ap-  
11 pointed by the Secretary of the Army.

12 “(b) RESPONSIBILITIES.—The Deputy Assistant Sec-  
13 retary of the Army for Sustainment shall have the fol-  
14 lowing responsibilities with respect to major weapon sys-  
15 tems acquired for the Department of the Army:

16 “(1) Reviewing and providing oversight of the  
17 sustainment baseline cost estimates required by sec-  
18 tion 2366d of this title.

19 “(2) Participating in any review of a life-cycle  
20 sustainment plan conducted pursuant to section  
21 2366d of this title.

22 “(3) Ensuring that cost modeling, performance  
23 metrics, and data analytics are used—

24 “(A) to inform and update life-cycle  
25 sustainment plans;

1           “(B) to develop, with respect to the major  
2           weapon system to which such plan relates, the  
3           budget of the President for the fiscal year as  
4           submitted to Congress pursuant to section 1105  
5           of title 31; and

6           “(C) to inform the Secretary of the Army  
7           when assumptions made in the development of  
8           a sustainment baseline cost estimate are no  
9           longer valid or when new opportunities arise to  
10          reduce costs or improve efficiency.

11          “(4) Making recommendations to the senior ac-  
12          quisition executive of the Army regarding the most  
13          cost-effective sustainment strategy to incorporate  
14          into each life-cycle sustainment plan.

15          “(5) Balancing the range of sustainment activi-  
16          ties for each major weapon system to achieve the op-  
17          timal balance of affordability, viable military depots  
18          and shipyards, and contracted product support ar-  
19          rangements.

20          “(6) Advise the Secretary of the Army regard-  
21          ing the overall alignment of the sustainment activi-  
22          ties, the operations of the sustainment supply chain,  
23          and strategic readiness.

24          “(c)    DEFINITIONS.—The    terms    ‘life-cycle  
25          sustainment plan’, ‘major weapon system’ , and

1 ‘sustainment baseline cost estimate’ have the meanings  
2 given in section 2366d of this title.”.

3 (2) CLERICAL AMENDMENT.—The table of sec-  
4 tions at the beginning of chapter 703 of title 10,  
5 United States Code, is amended by adding at the  
6 end the following new item:

“7025. Deputy Assistant Secretary of the Army for Sustainment.”.

7 (b) DEPARTMENT OF THE NAVY.—

8 (1) IN GENERAL.—Chapter 803 of title 10,  
9 United States Code, is amended by adding at the  
10 end the following new section:

11 **“§ 8029. Deputy Assistant Secretary of the Navy for**  
12 **Sustainment**

13 “(a) APPOINTMENT.—There is a Deputy Assistant  
14 Secretary of the Navy for Sustainment, who shall be ap-  
15 pointed by the Secretary of the Navy.

16 “(b) RESPONSIBILITIES.—The Deputy Assistant Sec-  
17 retary of the Navy for Sustainment shall have the fol-  
18 lowing responsibilities with respect to major weapon sys-  
19 tems acquired for the Department of the Navy:

20 “(1) Reviewing and providing oversight of the  
21 sustainment baseline cost estimates required by sec-  
22 tion 2366d of this title.

23 “(2) Participating in any review of a life-cycle  
24 sustainment plan conducted pursuant to section  
25 2366d of this title.

1           “(3) Ensuring that cost modeling, performance  
2 metrics, and data analytics are used—

3           “(A) to inform and update life-cycle  
4 sustainment plans;

5           “(B) to develop, with respect to the major  
6 weapon system to which such plan relates, the  
7 budget of the President for the fiscal year as  
8 submitted to Congress pursuant to section 1105  
9 of title 31; and

10          “(C) to inform the Secretary of the Navy  
11 when assumptions made in the development of  
12 a sustainment baseline cost estimate are no  
13 longer valid or when new opportunities arise to  
14 reduce costs or improve efficiency.

15          “(4) Making recommendations to the senior ac-  
16 quisition executive of the Navy regarding the most  
17 cost-effective sustainment strategy to incorporate  
18 into each life-cycle sustainment plan.

19          “(5) Balancing the range of sustainment activi-  
20 ties for each major weapon system to achieve the op-  
21 timal balance of affordability, viable military depots  
22 and shipyards, and contracted product support ar-  
23 rangements.

24          “(6) Advise the Secretary of the Navy regard-  
25 ing the overall alignment of the sustainment activi-

1 ties, the operations of the sustainment supply chain,  
2 and strategic readiness.

3 “(c) DEFINITIONS.—The terms ‘life-cycle  
4 sustainment plan’, ‘major weapon system’, and  
5 ‘sustainment baseline cost estimate’ have the meanings  
6 given in section 2366d of this title.”.

7 (2) CLERICAL AMENDMENT.—The table of sec-  
8 tions at the beginning of chapter 803 of title 10,  
9 United States Code, is amended by adding at the  
10 end the following new item:

“8029. Deputy Assistant Secretary of the Navy for Sustainment.”.

11 (c) DEPARTMENT OF THE AIR FORCE.—

12 (1) IN GENERAL.—Chapter 903 of title 10,  
13 United States Code, is amended by adding at the  
14 end the following new section:

15 **“§ 9025. Deputy Assistant Secretary of the Air Force**  
16 **for Sustainment**

17 “(a) APPOINTMENT.—There is a Deputy Assistant  
18 Secretary of the Air Force for Sustainment, who shall be  
19 appointed by the Secretary of the Air Force.

20 “(b) RESPONSIBILITIES.—The Deputy Assistant Sec-  
21 retary of the Air Force for Sustainment shall have the  
22 following responsibilities with respect to major weapon  
23 systems acquired for the Department of the Air Force:

1           “(1) Reviewing and providing oversight of the  
2           sustainment baseline cost estimates required by sec-  
3           tion 2366d of this title.

4           “(2) Participating in any review of a life-cycle  
5           sustainment plan conducted pursuant to section  
6           2366d of this title.

7           “(3) Ensuring that cost modeling, performance  
8           metrics, and data analytics are used—

9                   “(A) to inform and update life-cycle  
10                   sustainment plans;

11                   “(B) to develop, with respect to the major  
12                   weapon system to which such plan relates, the  
13                   budget of the President for the fiscal year as  
14                   submitted to Congress pursuant to section 1105  
15                   of title 31; and

16                   “(C) to inform the Secretary of the Air  
17                   Force when assumptions made in the develop-  
18                   ment of a sustainment baseline cost estimate  
19                   are no longer valid or when new opportunities  
20                   arise to reduce costs or improve efficiency.

21           “(4) Making recommendations to the senior ac-  
22           quisition executive of the Air Force regarding the  
23           most cost-effective sustainment strategy to incor-  
24           porate into each life-cycle sustainment plan.



1           “(5) Balancing the range of sustainment activi-  
2           ties for each major weapon system to achieve the op-  
3           timal balance of affordability, viable military depots  
4           and shipyards, and contracted product support ar-  
5           rangements.

6           “(6) Advise the Secretary of the Air Force re-  
7           garding the overall alignment of the sustainment ac-  
8           tivities, the operations of the sustainment supply  
9           chain, and strategic readiness.

10          “(c)     DEFINITIONS.—The     terms     ‘life-cycle  
11     sustainment     plan’,     ‘major     weapon     system’,     and  
12     ‘sustainment     baseline     cost     estimate’     have     the     meanings  
13     given     in     section     2366d     of     this     title.”.

14          (2) CLERICAL AMENDMENT.—The table of sec-  
15     tions at the beginning of chapter 903 of title 10,  
16     United States Code, is amended by adding at the  
17     end the following new item:

“9025. Deputy Assistant Secretary of the Air Force for Sustainment.”.

1       **Subtitle A—Financial Matters**

2       **SEC. 1001 [Log 70872]. GENERAL TRANSFER AUTHORITY.**

3       (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

4               (1) **AUTHORITY.**—Upon determination by the  
5       Secretary of Defense that such action is necessary in  
6       the national interest, the Secretary may transfer  
7       amounts of authorizations made available to the De-  
8       partment of Defense in this division for fiscal year  
9       2021 between any such authorizations for that fiscal  
10      year (or any subdivisions thereof). Amounts of au-  
11      thorizations so transferred shall be merged with and  
12      be available for the same purposes as the authoriza-  
13      tion to which transferred.

14              (2) **LIMITATION.**—Except as provided in para-  
15      graph (3), the total amount of authorizations that  
16      the Secretary may transfer under the authority of  
17      this section may not exceed \$4,000,000,000.

18              (3) **EXCEPTION FOR TRANSFERS BETWEEN**  
19      **MILITARY PERSONNEL AUTHORIZATIONS.**—A trans-  
20      fer of funds between military personnel authoriza-  
21      tions under title IV shall not be counted toward the  
22      dollar limitation in paragraph (2).

23      (b) **LIMITATIONS.**—The authority provided by sub-  
24      section (a) to transfer authorizations—

1           (1) may only be used to provide authority for  
2 items that have a higher priority than the items  
3 from which authority is transferred; and

4           (2) may not be used to provide authority for an  
5 item that has been denied authorization by Con-  
6 gress.

7       (c) EFFECT ON AUTHORIZATION AMOUNTS.—A  
8 transfer made from one account to another under the au-  
9 thority of this section shall be deemed to increase the  
10 amount authorized for the account to which the amount  
11 is transferred by an amount equal to the amount trans-  
12 ferred.

13       (d) NOTICE TO CONGRESS.—The Secretary shall  
14 promptly notify Congress of each transfer made under  
15 subsection (a).

16       (e) CERTIFICATION REQUIREMENT.—The authority  
17 to transfer any authorization under this section may not  
18 be used until the Secretary of Defense and the head of  
19 each entity affected by such transfer submits to the con-  
20 gressional defense committees certification in writing  
21 that—

22           (1) the amount transferred will be used for  
23 higher priority items, based on unforeseen military  
24 requirements, than the items from which authority is  
25 transferred; and

1           (2) the amount transferred will not be used for  
2           any item for which funds have been denied author-  
3           ization by Congress.

1 **SEC. 1002 [Log 70873]. DETERMINATION OF BUDGETARY EF-**  
2 **FACTS.**

3       The budgetary effects of this Act, for the purpose of  
4 complying with the Statutory Pay-As-You-Go Act of 2010,  
5 shall be determined by reference to the latest statement  
6 titled “Budgetary Effects of PAYGO Legislation” for this  
7 Act, submitted for printing in the Congressional Record  
8 by the Chairman of the House Budget Committee, pro-  
9 vided that such statement has been submitted prior to the  
10 vote on passage.

1 **SEC. 1003 [Log 71579]. PANDEMIC PREPAREDNESS AND RE-**  
2 **SILIENCE NATIONAL SECURITY FUND.**

3 (a) FUND PURPOSES.—Amounts authorized to be ap-  
4 propriated for Research and Development, Defense-Wide,  
5 Pandemic Preparedness and Resilience National Security  
6 Fund shall be available for obligation and expenditure only  
7 for the purposes of pandemic preparedness. Such amounts  
8 may not be used for a purpose or program unless the pur-  
9 pose or program is authorized by law.

10 (b) TRANSFERS.—

11 (1) IN GENERAL.—Amounts referred to in sub-  
12 section (a) may be transferred as follows:

13 (A) To Procurement, Defense-wide and  
14 Research, Development, Test, and Evaluation,  
15 Defense-wide, not more than an aggregate of  
16 \$200,000,000 to carry out the Small Business  
17 Industrial Base Resilience Program established  
18 by section 825 of this Act

19 (B) To Research, Development, Test, and  
20 Evaluation, Defense-wide, line 9, Biomedical  
21 Technology, not more than \$50,000,000 for re-  
22 search that aims to rapidly produce medical  
23 countermeasures against novel threats, at popu-  
24 lation scale and approved for use in people.

25 (C) To the following, not more than an ag-  
26 gregate of \$750,000,000 to support research

1 and development efforts directly related to bio-  
2 preparedness and pandemic preparedness and  
3 resilience:

4 (i) Research, Development, Test, and  
5 Evaluation, Army.

6 (ii) Research, Development, Test, and  
7 Evaluation, Navy.

8 (iii) Research, Development, Test, and  
9 Evaluation, Air Force.

10 (iv) Research, Development, Test, and  
11 Evaluation, Defense-wide.

12 (v) Defense Health Program.

13 (2) LIMITATION.—Amounts referred to in sub-  
14 section (a) may not be transferred for—

15 (A) Drug Interdiction and Counter-Drug  
16 Activities; or

17 (B) military construction (as defined in  
18 section 2801(a) of title 10, United States  
19 Code), including the purposes described in sec-  
20 tion 2802(b) of such title, or military family  
21 housing, including the purposes described in  
22 section 2821(a) of such title.

23 (3) NOTICE REQUIREMENT.—Not later than 30  
24 days before transferring any amount described in  
25 subsection (a), the Secretary of Defense shall submit

1 to the congressional defense committees notice of the  
2 transfer.

3 (4) EXCEPTION FROM GENERAL TRANSFER AU-  
4 THORITY.—A transfer under this subsection shall  
5 not be counted toward the dollar amount limitation  
6 under section 1001.



## 1 **Subtitle B—Counterdrug Activities**

2 **SEC. 1011 [Log 71076]. SUPPORT FOR COUNTERDRUG AC-**  
3 **TIVITIES AND ACTIVITIES TO COUNTER**  
4 **TRANSNATIONAL ORGANIZED CRIME AF-**  
5 **FECTING FLOW OF DRUGS INTO THE UNITED**  
6 **STATES.**

7 Section 284(c) of title 10, United States Code, is  
8 amended—

9 (1) by striking paragraph (2), and inserting the  
10 following new paragraph (2):

11 “(2) SECRETARY OF STATE CONCURRENCE.—  
12 The Secretary may only provide support for a pur-  
13 pose described in this subsection with the concur-  
14 rence of the Secretary of State.”; and

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

17 “(3) PRIORITY.—In providing support for a  
18 purpose described in this subsection, the Secretary  
19 shall give priority to support requested for the pur-  
20 pose of affecting the flow of drugs into the United  
21 States.”.

1 **SEC. 1012 [Log 71070]. CONGRESSIONAL NOTIFICATION**  
2 **WITH RESPECT TO DEPARTMENT OF DE-**  
3 **FENSE SUPPORT PROVIDED TO OTHER**  
4 **UNITED STATES AGENCIES FOR**  
5 **COUNTERDRUG ACTIVITIES AND ACTIVITIES**  
6 **TO COUNTER TRANSNATIONAL ORGANIZED**  
7 **CRIME.**

8 Section 284(h) of title 10, United States Code, is  
9 amended—

10 (1) in paragraph (1)—

11 (A) by redesignating subparagraphs (A)  
12 and (B) as subparagraphs (B) and (C), respec-  
13 tively; and

14 (B) by inserting before subparagraph (B),  
15 as so redesignated, the following new subpara-  
16 graph (A):

17 “(A) In case of support for a purpose de-  
18 scribed in subsection (b)—

19 “(i) an identification of the recipient  
20 of the support;

21 “(ii) a description of the support pro-  
22 vided;

23 “(iii) a description of the sources and  
24 amounts of funds used to provide such  
25 support; and

1                   “(iv) a description of the amount of  
2                   funds obligated to provide such support.”;  
3                   and

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

6                   “(3) APPROPRIATE COMMITTEES OF CON-  
7                   GRESS.—For purposes of any notice submitted  
8                   under this subsection with respect to support de-  
9                   scribed in paragraph (1)(A), the appropriate com-  
10                  mittees of Congress are—

11                  “(A) the Committees on Armed Services of  
12                  the Senate and House of Representatives; and

13                  “(B) any committee with jurisdiction over  
14                  the department or agency that receives the sup-  
15                  port covered by the notice.”.

1 **SEC. 1024 [Log 71406]. PREFERENCE FOR UNITED STATES**  
2 **VESSELS IN TRANSPORTING SUPPLIES BY**  
3 **SEA.**

4 (a) PREFERENCE FOR UNITED STATES VESSELS IN  
5 TRANSPORTING SUPPLIES BY SEA.—

6 (1) IN GENERAL.—Section 2631 of title 10,  
7 United States Code, is amended to read as follows:

8 **“§ 2631. Preference for United States vessels in trans-**  
9 **porting supplies by sea**

10 “(a) IN GENERAL.—Supplies bought for the Army,  
11 Navy, Air Force, or Marine Corps, or for a Defense Agen-  
12 cy, or otherwise transported by the Department of De-  
13 fense, may only be transported by sea in—

14 “(1) a vessel belonging to the United States; or

15 “(2) a vessel of the United States (as such term  
16 is defined in section 116 of title 46).

17 “(b) WAIVER AND NOTIFICATION.—(1) WAIVER.—  
18 The Secretary of Defense may waive the requirement  
19 under subsection (a) if such a vessel is—

20 “(A) not available at a fair and reasonable  
21 rate for commercial vessels of the United  
22 States; or

23 “(B) otherwise not available.

24 “(2) NOTIFICATION.—At least once each fiscal  
25 year, the Secretary of Defense shall submit, in writ-  
26 ing, to the appropriate congressional committees a

1 notice of any waiver granted under this subsection  
2 and the reasons for such waiver.

3 “(c) REQUIREMENTS FOR RE-FLAGGING OR REPAIR  
4 WORK.—(1) IN GENERAL.—In each request for proposals  
5 to enter into a time-charter contract for the use of a vessel  
6 for the transportation of supplies under this section, the  
7 Secretary of Defense shall require that any reflagging or  
8 repair work on a vessel for which a proposal is submitted  
9 in response to the request for proposals be performed in  
10 the United States (including any territory of the United  
11 States).

12 “(2) REFLAGGING OR REPAIR WORK DEFINED.—In  
13 paragraph (1), the term ‘reflagging or repair work’ means  
14 work performed on a vessel—

15 “(A) to enable the vessel to meet applicable  
16 standards to become a vessel of the United States;  
17 or

18 “(B) to convert the vessel to a more useful mili-  
19 tary configuration.

20 “(3) WAIVER.—The Secretary of Defense may waive  
21 the requirement described in paragraph (1) if the Sec-  
22 retary determines that such waiver is critical to the na-  
23 tional security of the United States. The Secretary shall  
24 immediately submit, in writing, to the appropriate con-

1 gressional committees a notice of any waiver granted  
2 under this subsection and the reasons for such waiver.

3 “(d) COMPLIANCE.—The Secretary of Defense shall  
4 ensure that contracting officers of the Department of De-  
5 fense award contracts under this section to responsible  
6 offerors and monitor and ensure compliance with the re-  
7 quirements of this section. The Secretary shall—

8 “(1) ensure that timely, accurate, and complete  
9 information on contractor performance under this  
10 section is included in any contractor past perform-  
11 ance database used by an executive agency; and

12 “(2) exercise appropriate contractual rights and  
13 remedies against contractors who fail to comply with  
14 this section, or subchapter I of chapter 553 of title  
15 46 as determined by the Secretary of Transportation  
16 under such subchapter, including by—

17 “(A) determining that a contractor is ineli-  
18 gible for an award of such a contract; or

19 “(B) terminating such a contract or sus-  
20 pension or debarment of the contractor for such  
21 contract.

22 “(e) APPROPRIATE CONGRESSIONAL COMMITTEES  
23 DEFINED.—In this section, the term ‘appropriate congres-  
24 sional committees’ means—

1           “(1) the Committees on Armed Services of the  
2       Senate and the House of Representatives;

3           “(2) the Committee on Transportation and In-  
4       frastructure of the House of Representatives; and

5           “(3) the Committee on Commerce, Science, and  
6       Transportation of the Senate.”.

7           (2) CLERICAL AMENDMENT.—The table of con-  
8       tents for chapter 157 of title 10, United States  
9       Code, is amended by amending the item relating to  
10      section 2361 to read as follows:

    “2361. Preference for United States vessels in transporting supplies by sea.”.

11      (b) AMENDMENTS TO TITLE 46, UNITED STATES  
12      CODE.—

13           (1) TRANSFER OF PROVISION RELATING TO  
14      PRIORITY LOADING FOR COAL.—

15           (A) IN GENERAL.—Section 55301 of title  
16      46, United State Code, is redesignated as sec-  
17      tion 55123 of such title, transferred to appear  
18      after section 55122 of such title, and amended  
19      so that the enumerator, section heading, type-  
20      face, and typestyle conform to those appearing  
21      in other sections in such title.

22           (B) CONFORMING AMENDMENTS.—

23           (i) The analysis for subchapter I of  
24      chapter 553 of title 46, United States

1 Code, is amended by striking the item re-  
2 lating to section 55301.

3 (ii) The analysis for chapter 551 of  
4 title 46, United States Code, is amended  
5 by inserting after the item relating to sec-  
6 tion 55122 the following new item:

“55123. Priority loading for coal.”.

7 (2) AMENDMENT TO SUBCHAPTER HEADING.—

8 The heading of subchapter I of chapter 553 of title  
9 46, United States Code, is amended to read as fol-  
10 lows:

“SUBCHAPTER I—GOVERNMENT IMPELLED TRANSPORTATION”.



1           **Subtitle D—Counterterrorism**

2   **SEC. 1031 [Log 70858]. PROHIBITION ON USE OF FUNDS FOR**  
3                   **TRANSFER OR RELEASE OF INDIVIDUALS DE-**  
4                   **TAINED AT UNITED STATES NAVAL STATION,**  
5                   **GUANTANAMO BAY, CUBA, TO CERTAIN**  
6                   **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, 2021,  
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 **SEC. 1043 [Log 71020]. MODIFICATION AND TECHNICAL COR-**  
2 **RECTION TO DEPARTMENT OF DEFENSE AU-**  
3 **THORITY TO PROVIDE ASSISTANCE ALONG**  
4 **THE SOUTHERN LAND BORDER OF THE**  
5 **UNITED STATES.**

6 (a) **AUTHORITY.**—Subsection (a) of section 1059 of  
7 the National Defense Authorization Act for Fiscal Year  
8 2016 (Public Law 114–92; 129 Stat. 986; 10 U.S.C. 271  
9 note prec.) is amended to read as follows:

10 “(a) **AUTHORITY.**—

11 “(1) **PROVISION OF ASSISTANCE.**—

12 “(A) **IN GENERAL.**—The Secretary of De-  
13 fense may provide assistance to United States  
14 Customs and Border Protection for purposes of  
15 increasing ongoing efforts to secure the south-  
16 ern land border of the United States in accord-  
17 ance with the requirements of this section.

18 “(B) **REQUIREMENTS.**—If the Secretary  
19 provides assistance under subparagraph (A),  
20 the Secretary shall ensure that—

21 “(i) the provision of the assistance  
22 will not negatively affect military training,  
23 operations, readiness, or other military re-  
24 quirements; and

25 “(ii) the tasks associated with the  
26 support provided align with the mission or

1 occupational specialty of any members of  
2 the Armed Forces, including members of  
3 the reserve components, or units of the  
4 Armed Forces, including the reserve com-  
5 ponents, that are deployed.

6 “(2) NOTIFICATION REQUIREMENT.—Not later  
7 than 5 days after the date on which the Secretary  
8 decides to provide assistance under paragraph (1),  
9 the Secretary shall submit to the Committee on  
10 Armed Services of the Senate and the Committee on  
11 Armed Services and the Committee on Homeland  
12 Security of the House of Representatives notice of  
13 such decision.”.

14 (b) REPORTING REQUIREMENTS.—Subsection (f) of  
15 such section is amended to read as follows:

16 “(f) REPORTS.—

17 “(1) REPORT REQUIRED.—Any time assistance  
18 is provided under subsection (a), not later than 30  
19 days after the date on which such assistance is first  
20 provided, and every three months thereafter during  
21 the period while such assistance is provided, the Sec-  
22 retary of Defense, in coordination with the Secretary  
23 of Homeland Security, shall submit to the Com-  
24 mittee on Armed Services and the Committee on  
25 Homeland Security and Governmental Affairs of the

1 Senate and the Committee on Armed Services and  
2 the Committee on Homeland Security of the House  
3 of Representatives a report that includes, for both  
4 the period covered by the report and the total period  
5 of the deployment, each of the following:

6 “(A) A description of the assistance pro-  
7 vided.

8 “(B) A description of the Armed Forces,  
9 including the reserve components, deployed as  
10 part of such assistance, including an identifica-  
11 tion of—

12 “(i) the members of the Armed  
13 Forces, including members of the reserve  
14 components, deployed, including specific  
15 information about unit designation, size of  
16 unit, and whether any personnel in the  
17 unit deployed under section 12302 of title  
18 10, United States Code;

19 “(ii) the readiness rating for each of  
20 the units deployed, including specific infor-  
21 mation about any impacts to planned  
22 training exercises for any such unit;

23 “(iii) the projected length of the de-  
24 ployment and any special pay and incen-

1           tives for which deployed personnel may  
2           qualify during the deployment;

3           “ (iv) any specific pre-deployment  
4           training provided for such members of the  
5           Armed Forces, including members of the  
6           reserve components;

7           “ (v) the specific missions and tasks,  
8           by location, that are assigned to the mem-  
9           bers of the Armed Forces, including mem-  
10          bers of the reserve components, who are so  
11          deployed;

12          “ (vi) the life support conditions and  
13          associated costs;

14          “ (vii) the locations where units so de-  
15          ployed are conducting their assigned mis-  
16          sion, together with a map showing such lo-  
17          cations;

18          “ (viii) a description of the rules and  
19          additional guidance applicable to the de-  
20          ployment, including the standing rules for  
21          the use of force for deployed personnel and  
22          the issuance of any weapons and ammuni-  
23          tion; and

24          “ (ix) the plan to transition the func-  
25          tions performed by the members of the

1 Armed Forces, including members of the  
2 reserve components, to the Department of  
3 Homeland Security and Customs Border  
4 Protection.

5 “(C) The sources and amounts of funds  
6 expended—

7 “(i) during the period covered by the  
8 report; and

9 “(ii) during the total period for which  
10 such support has been provided.

11 “(D) The amount of funds obligated—

12 “(i) during the period covered by the  
13 report; and

14 “(ii) during the total period for which  
15 such support has been provided.

16 “(E) An assessment of the efficacy and  
17 cost-effectiveness of such assistance in support  
18 of the objectives and strategy of the Secretary  
19 of Homeland Security to address the challenges  
20 on the southern land border of the United  
21 States and recommendations, if any, to enhance  
22 the effectiveness of such assistance.

23 “(2) FORM OF REPORT.—Each report sub-  
24 mitted under this subsection shall be submitted in  
25 unclassified form and without any designation relat-

1       ing to dissemination control, but may include a clas-  
2       sified annex.”.

3       (c) CLASSIFICATION.—The Law Revision Counsel is  
4       directed to place this section in a note following section  
5       284 of title 10, United States Code.

1 **SEC. 1045 [Log 71014]. REQUIREMENTS RELATING TO NEW-**  
2 **EST GENERATIONS OF PERSONAL PROTEC-**  
3 **TIVE EQUIPMENT.**

4 (a) REPORTS.—

5 (1) REPORTS REQUIRED.—Not later than Janu-  
6 ary 31, 2021, each Secretary of a military depart-  
7 ment shall submit to the congressional defense com-  
8 mittees a report on the development and fielding of  
9 the newest generations of personal protective equip-  
10 ment to the Armed Forces under the jurisdiction of  
11 such Secretary.

12 (2) ELEMENTS.—Each report under paragraph  
13 (1) shall include, for each Armed Force covered by  
14 such report, the following:

15 (A) A description and assessment of the  
16 development and fielding of the newest genera-  
17 tions of personal protective equipment and aux-  
18 iliary personal protective equipment to members  
19 of such Armed Force, including the following:

20 (i) The number (aggregated by total  
21 number and by sex) of members of such  
22 Armed Force issued the Army Soldiers  
23 Protective System and the Modular Scal-  
24 able Vest Generation II body armor as of  
25 December 31, 2020.



1 (ii) The number (aggregated by total  
2 number and by sex) of members of such  
3 Armed Force issued Marine Corps Plate  
4 Carrier Generation III (PC Gen III) body  
5 armor as of that date.

6 (iii) The number (aggregated by total  
7 number and by sex) of members of such  
8 Armed Force fitted with legacy personal  
9 protective equipment as of that date.

10 (B) A description and assessment of the  
11 barriers, if any, to the development and fielding  
12 of such generations of equipment to such mem-  
13 bers.

14 (C) A description and assessment of chal-  
15 lenges in the development and fielding of such  
16 generations of equipment to such members, in-  
17 cluding cost overruns, contractor delays, and  
18 other challenges.

19 (b) SYSTEM FOR TRACKING DATA ON INJURIES.—

20 (1) SYSTEM REQUIRED.—

21 (A) IN GENERAL.—The Director of the  
22 Defense Health Agency (DHA) shall develop  
23 and maintain a system for tracking data on in-  
24 juries among members of the Armed Forces in

1 and during the use of newest generation per-  
2 sonal protective equipment.

3 (B) SCOPE OF SYSTEM.—The system re-  
4 quired by this subsection may, at the election of  
5 the Director, be new for purposes of this sub-  
6 section or within or a modification of an appro-  
7 priate existing system (such as the Defense Oc-  
8 cupational And Environmental Health Readiness  
9 System (DOEHRS)).

10 (2) REPORT.—Not later than January 31,  
11 2025, the Director shall submit to Congress a report  
12 on the prevalence among members of the Armed  
13 Forces of preventable injuries attributable to ill-fit-  
14 ting or malfunctioning personal protective equip-  
15 ment.

16 (c) INCLUSION IN ANNUAL PERIODIC HEALTH AS-  
17 SESSMENTS.—The annual Periodic Health Assessment  
18 (PHA) of members of the Armed Forces undertaken after  
19 the date of the enactment of this Act shall include one  
20 or more questions on whether members incurred an injury  
21 in connection with ill-fitting or malfunctioning personal  
22 protective equipment during the period covered by such  
23 assessment, including the nature of such injury.

1 **SEC. 1046 [Log 71523]. PROHIBITION ON USE OF FUNDS FOR**  
2 **RETIREMENT OF A-10 AIRCRAFT.**

3 (a) PROHIBITION.—Notwithstanding sections 134  
4 and 135 of the National Defense Authorization Act for  
5 Fiscal Year 2017 (Public Law 114–328), except as pro-  
6 vided in subsection (b), none of the funds authorized to  
7 be appropriated by this Act or otherwise made available  
8 for fiscal year 2021 for the Air Force may be obligated  
9 or expended to retire, prepare to retire, or place in storage  
10 or on backup aircraft inventory status any A-10 aircraft.

11 (b) EXCEPTION.—The limitation under subsection  
12 (a) shall not apply to any individual A-10 aircraft that  
13 the Secretary of the Air Force determines, on a case-by-  
14 case basis, to be no longer mission capable because of a  
15 mishap or other damage or because the aircraft is uneco-  
16 nomical to repair.

1 **SEC. 1101. [LOG 71100] FAMILY AND MEDICAL LEAVE**  
2 **AMENDMENTS.**

3 (a) IN GENERAL.—

4 (1) PAID PARENTAL LEAVE FOR EMPLOYEES OF  
5 DISTRICT OF COLUMBIA COURTS AND DISTRICT OF  
6 COLUMBIA PUBLIC DEFENDER SERVICE.—

7 (A) DISTRICT OF COLUMBIA COURTS.—

8 Section 11–1726, District of Columbia Official  
9 Code, is amended by adding at the end the fol-  
10 lowing new subsection:

11 “(d) In carrying out the Family and Medical Leave  
12 Act of 1993 (29 U.S.C. 2601 et seq.) with respect to non-  
13 judicial employees of the District of Columbia courts, the  
14 Joint Committee on Judicial Administration shall, not-  
15 withstanding any provision of such Act, establish a paid  
16 parental leave program for the leave described in subpara-  
17 graphs (A) and (B) of section 102(a)(1) of such Act (29  
18 U.S.C. 2612(a)(1)) (relating to leave provided in connec-  
19 tion with the birth of a child or the placement of a child  
20 for adoption or foster care). In developing the terms and  
21 conditions for this program, the Joint Committee may be  
22 guided by the terms and conditions applicable to the provi-  
23 sion of paid parental leave for employees of the Federal  
24 Government under chapter 63 of title 5, United States  
25 Code, and any corresponding regulations.”.

1 (B) DISTRICT OF COLUMBIA PUBLIC DE-  
2 FENDER SERVICE.—Section 305 of the District  
3 of Columbia Court Reform and Criminal Proce-  
4 dure Act of 1970 (sec. 2–1605, D.C. Official  
5 Code) is amended by adding at the end the fol-  
6 lowing new subsection:

7 “(d) In carrying out the Family and Medical Leave  
8 Act of 1993 (29 U.S.C. 2601 et seq.) with respect to em-  
9 ployees of the Service, the Director shall, notwithstanding  
10 any provision of such Act, establish a paid parental leave  
11 program for the leave described in subparagraphs (A) and  
12 (B) of section 102(a)(1) of such Act (29 U.S.C.  
13 2612(a)(1)) (relating to leave provided in connection with  
14 the birth of a child or the placement of a child for adoption  
15 or foster care). In developing the terms and conditions for  
16 this program, the Director may be guided by the terms  
17 and conditions applicable to the provision of paid parental  
18 leave for employees of the Federal Government under  
19 chapter 63 of title 5, United States Code, and any cor-  
20 responding regulations.”.

21 (2) CLARIFICATION OF USE OF OTHER LEAVE  
22 IN ADDITION TO 12 WEEKS AS FAMILY AND MEDICAL  
23 LEAVE.—

24 (A) TITLE 5.—Section 6382(a) of title 5,  
25 United States Code, as amended by section

1           7602 of the National Defense Authorization Act  
2           for Fiscal Year 2020 (Public Law 116–92), is  
3           amended—

4                   (i) in paragraph (1), in the matter  
5                   preceding subparagraph (A), by inserting  
6                   “(or, in the case of leave that includes  
7                   leave under subparagraph (A) or (B) of  
8                   this paragraph, 12 administrative work-  
9                   weeks of leave plus any additional period  
10                  of leave used under subsection  
11                  (d)(2)(B)(ii))” after “12 administrative  
12                  workweeks of leave”; and

13                   (ii) in paragraph (4), by inserting  
14                   “(or 26 administrative workweeks of leave  
15                   plus any additional period of leave used  
16                   under subsection (d)(2)(B)(ii))” after “26  
17                   administrative workweeks of leave”.

18           (B) CONGRESSIONAL EMPLOYEES.—Sec-  
19           tion 202(a)(1) of the Congressional Account-  
20           ability Act of 1995 (2 U.S.C. 1312(a)(1)), as  
21           amended by section 7603 of the National De-  
22           fense Authorization Act for Fiscal Year 2020  
23           (Public Law 116–92), is amended—

24                   (i) in the second sentence, by insert-  
25                   ing “and in the case of leave that includes

1 leave for such an event, the period of leave  
2 to which a covered employee is entitled  
3 under section 102(a)(1) of such Act shall  
4 be 12 administrative workweeks of leave  
5 plus any additional period of leave used  
6 under subsection (d)(2)(B) of this section”  
7 before the period; and

8 (ii) by striking the third sentence and  
9 inserting the following: “For purposes of  
10 applying section 102(a)(4) of such Act, in  
11 the case of leave that includes leave under  
12 subparagraph (A) or (B) of section  
13 102(a)(1) of such Act, a covered employee  
14 is entitled, under paragraphs (1) and (3)  
15 of section 102(a) of such Act, to a com-  
16 bined total of 26 workweeks of leave plus  
17 any additional period of leave used under  
18 subsection (d)(2)(B) of this section.”.

19 (C) OTHER EMPLOYEES COVERED UNDER  
20 THE FAMILY AND MEDICAL LEAVE ACT OF  
21 1993.—Section 102(a) of the Family and Med-  
22 ical Leave Act of 1993 (29 U.S.C. 2611(a)) is  
23 amended by adding at the end the following:

24 “(6) SPECIAL RULES ON PERIOD OF LEAVE.—

25 With respect to an employee of the Government Ac-

1       countability Office and an employee of the Library  
2       of Congress—

3               “(A) in the case of leave that includes  
4       leave under subparagraph (A) or (B) of para-  
5       graph (1), the employee shall be entitled to 12  
6       administrative workweeks of leave plus any ad-  
7       ditional period of leave used under subsection  
8       (d)(3)(B)(ii) of this section or section  
9       202(d)(2)(B) of the Congressional Account-  
10      ability Act of 1995 (2 U.S.C. 1312(d)(2)(B)),  
11      as the case may be; and

12              “(B) for purposes of paragraph (4), the  
13      employee is entitled, under paragraphs (1) and  
14      (3), to a combined total of 26 workweeks of  
15      leave plus, if applicable, any additional period  
16      of leave used under subsection (d)(3)(B)(ii) of  
17      this section or section 202(d)(2)(B) of the Con-  
18      gressional Accountability Act of 1995 (2 U.S.C.  
19      1312(d)(2)(B)), as the case may be.”.

20              (3) APPLICABILITY.—The amendments made  
21      by this subsection shall not be effective with respect  
22      to any birth or placement occurring before October  
23      1, 2020.

24              (b) PAID PARENTAL LEAVE FOR PRESIDENTIAL EM-  
25      PLOYEES.—



1           (1) AMENDMENTS TO CHAPTER 5 OF TITLE 3,  
2 UNITED STATES CODE.—Section 412 of title 3,  
3 United States Code, is amended—

4           (A) in subsection (a)(1), by adding at the  
5 end the following: “In applying section 102 of  
6 such Act with respect to leave for an event de-  
7 scribed in subsection (a)(1)(A) or (B) of such  
8 section to covered employees, subsection (c) of  
9 this section shall apply and in the case of leave  
10 that includes leave for such an event, the period  
11 of leave to which a covered employee is entitled  
12 under section 102(a)(1) of such Act shall be 12  
13 administrative workweeks of leave plus any ad-  
14 ditional period of leave used under subsection  
15 (c)(2)(B) of this section. For purposes of apply-  
16 ing section 102(a)(4) of such Act, in the case  
17 of leave that includes leave under subparagraph  
18 (A) or (B) of section 102(a)(1) of such Act, a  
19 covered employee is entitled, under paragraphs  
20 (1) and (3) of section 102(a) of such Act, to a  
21 combined total of 26 workweeks of leave plus  
22 any additional period of leave used under sub-  
23 section (c)(2)(B) of this section.”;

24           (B) by redesignating subsections (c) and  
25 (d) as subsections (d) and (e), respectively;

1 (C) by inserting after subsection (b) the  
2 following:

3 “(c) SPECIAL RULE FOR PAID PARENTAL LEAVE.—

4 “(1) SUBSTITUTION OF PAID LEAVE.—A cov-  
5 ered employee may elect to substitute for any leave  
6 without pay under subparagraph (A) or (B) of sec-  
7 tion 102(a)(1) of the Family and Medical Leave Act  
8 of 1993 (29 U.S.C. 2612(a)(1)) any paid leave  
9 which is available to such employee for that purpose.

10 “(2) AMOUNT OF PAID LEAVE.—The paid leave  
11 that is available to a covered employee for purposes  
12 of paragraph (1) is—

13 “(A) the number of weeks of paid parental  
14 leave in connection with the birth or placement  
15 involved that corresponds to the number of ad-  
16 ministrative workweeks of paid parental leave  
17 available to employees under section  
18 6382(d)(2)(B)(i) of title 5, United States Code;  
19 and

20 “(B) during the 12-month period referred  
21 to in section 102(a)(1) of the Family and Med-  
22 ical Leave Act of 1993 (29 U.S.C. 2612(a)(1))  
23 and in addition to the administrative workweeks  
24 described in subparagraph (A), any additional  
25 paid vacation, personal, family, medical, or sick

1 leave provided by the employing office to such  
2 employee.

3 “(3) LIMITATION.—Nothing in this section or  
4 section 102(d)(2)(A) of the Family and Medical  
5 Leave Act of 1993 (29 U.S.C. 2612(d)(2)(A)) shall  
6 be considered to require or permit an employing of-  
7 fice to require that an employee first use all or any  
8 portion of the leave described in paragraph (2)(B)  
9 before being allowed to use the paid parental leave  
10 described in paragraph (2)(A).

11 “(4) ADDITIONAL RULES.—Paid parental leave  
12 under paragraph (2)(A)—

13 “(A) shall be payable from any appropria-  
14 tion or fund available for salaries or expenses  
15 for positions within the employing office;

16 “(B) if not used by the covered employee  
17 before the end of the 12-month period (as re-  
18 ferred to in section 102(a)(1) of the Family and  
19 Medical Leave Act of 1993 (29 U.S.C.  
20 2612(a)(1))) to which it relates, shall not accu-  
21 mulate for any subsequent use; and

22 “(C) shall apply without regard to the limi-  
23 tations in subparagraph (E), (F), or (G) of sec-  
24 tion 6382(d)(2) of title 5, United States Code,  
25 or section 104(c)(2) of the Family and Medical

1 Leave Act of 1993 (29 U.S.C. 2614(c)(2)).”;  
2 and

3 (D) in subsection (e)(1), as so redesign-  
4 nated, by striking “subsection (c)” and insert-  
5 ing “subsection (d)”.

6 (2) APPLICABILITY.—The amendments made  
7 by this subsection shall not be effective with respect  
8 to any birth or placement occurring before October  
9 1, 2020.

10 (c) FAA AND TSA.—

11 (1) FAA.—

12 (A) IN GENERAL.—Paragraph (3) of sec-  
13 tion 102(d) of the Family and Medical Leave  
14 Act of 1993 (29 U.S.C. 2612(d)(3)), as added  
15 by section 7604 of the National Defense Au-  
16 thorization Act for Fiscal Year 2020 (Public  
17 Law 116–92), is amended—

18 (i) in the paragraph heading, by in-  
19 serting “AND FEDERAL AVIATION ADMINIS-  
20 TRATION” after “GAO”;

21 (ii) in subparagraphs (A) and (B), by  
22 striking “the Government Accountability  
23 Office” in each instance and inserting “the  
24 Government Accountability Office or the  
25 Federal Aviation Administration”; and

1 (iii) in subparagraph (D)(i), by strik-  
2 ing “the Government Accountability Of-  
3 fice” and inserting “the Government Ac-  
4 countability Office or the Federal Aviation  
5 Administration (as the case may be)”.

6 (B) APPLICABILITY.—The amendments  
7 made by subparagraph (A) shall not be effective  
8 with respect to any birth or placement occur-  
9 ring before October 1, 2020.

10 (2) CORRECTIONS FOR TSA SCREENERS.—Sec-  
11 tion 7606 of the National Defense Authorization Act  
12 for Fiscal Year 2020 (Public Law 116–92) is  
13 amended—

14 (A) by striking “Section 111(d)(2)” and  
15 inserting the following:

16 “(a) IN GENERAL.—Section 111(d)(2)”; and

17 (B) by adding at the end the following:

18 “(b) EFFECTIVE DATE; APPLICATION.—

19 “(1) IN GENERAL.—The amendment made by  
20 subsection (a) shall not be effective with respect to  
21 any event for which leave may be taken under sub-  
22 chapter V of chapter 63 of title 5, United States  
23 Code, occurring before October 1, 2020.

24 “(2) APPLICATION TO SERVICE REQUIREMENT  
25 FOR ELIGIBILITY.—For purposes of applying the pe-

1       riod of service requirement under subparagraph (B)  
2       of section 6381(1) to an individual appointed under  
3       section 111(d)(1) of the Aviation and Transpor-  
4       tation Security Act (49 U.S.C. 44935 note), the  
5       amendment made by subsection (a) of this section  
6       shall apply with respect to any period of service by  
7       the individual under such an appointment, including  
8       service before the effective date of such amend-  
9       ment.”.

10       (d) TITLE 38 EMPLOYEES.—

11               (1) IN GENERAL.—Section 7425 of title 38,  
12       United States Code, is amended—

13               (A) in subsection (b), by striking “Not-  
14       withstanding” and inserting “Except as pro-  
15       vided in subsection (c), and notwithstanding”;  
16       and

17               (B) by adding at the end the following:

18       “(c) Notwithstanding any other provision of this sub-  
19       chapter, the Administration shall provide to individuals  
20       appointed to any position described in section 7421(b) who  
21       are employed by the Administration family and medical  
22       leave in the same manner, to the maximum extent prac-  
23       ticable, as family and medical leave is provided under sub-  
24       chapter V of chapter 63 of title 5 to employees, as defined  
25       in section 6381(1) of such title.”.

1           (2) APPLICABILITY.—The amendments made  
2           by paragraph (1) shall not be effective with respect  
3           to any event for which leave may be taken under  
4           subchapter V of chapter 63 of title 5, United States  
5           Code, occurring before October 1, 2020.

6           (e) ARTICLE I JUDGES.—

7           (1) BANKRUPTCY JUDGES.—Section 153(d) of  
8           title 28, United States Code, is amended—

9                   (A) by striking “A bankruptcy judge” and  
10                  inserting “(1) Except as provided in paragraph  
11                  (2), a bankruptcy judge”; and

12                  (B) by adding at the end the following:

13                  “(2) The provisions of subchapter V of chapter 63  
14                  of title 5 shall apply to a bankruptcy judge as if the bank-  
15                  ruptcy judge were an employee (within the meaning of  
16                  subparagraph (A) of section 6381(1) of such title).”.

17           (2) MAGISTRATE JUDGES.—Section 631(k) of  
18           title 28, United States Code, is amended—

19                   (A) by striking “A United States mag-  
20                  istrate judge” and inserting “(1) Except as pro-  
21                  vided in paragraph (2), a United States mag-  
22                  istrate judge”; and

23                  (B) by adding at the end the following:

24                  “(2) The provisions of subchapter V of chapter 63  
25                  of title 5 shall apply to a United States magistrate judge

1 as if the United States magistrate judge were an employee  
2 (within the meaning of subparagraph (A) of section  
3 6381(1) of such title).”.

4 (3) APPLICABILITY.—The amendments made  
5 by this subsection shall not be effective with respect  
6 to any birth or placement occurring before October  
7 1, 2020.

8 (f) TECHNICAL CORRECTIONS.—

9 (1) Section 7605 of the National Defense Au-  
10 thorization Act for Fiscal Year 2020 (Public Law  
11 116–92) is amended by striking “on active duty”  
12 each place it appears and inserting “on covered ac-  
13 tive duty”.

14 (2) Subparagraph (E) of section 6382(d)(2) of  
15 title 5, United States Code, as added by section  
16 7602 of the National Defense Authorization Act for  
17 Fiscal Year 2020 (Public Law 116–92), is amended  
18 by striking “the requirement to complete” and all  
19 that follows and inserting “the service requirement  
20 under subparagraph (B) of section 6381(1).”.

21 (3) Section 202(d)(2)(B) of the Congressional  
22 Accountability Act of 1995 (2 U.S.C.  
23 1312(d)(2)(B)), as amended by section 7603 of the  
24 National Defense Authorization Act for Fiscal Year



1       2020 (Public Law 116–92), is amended by inserting  
2       “accrued” before “sick leave”.

3       (g) EFFECTIVE DATE.—The amendments made by  
4 this section shall take effect as if enacted immediately  
5 after the enactment of the National Defense Authorization  
6 Act for Fiscal Year 2020 (Public Law 116–92).

1 **SEC. 1102. [LOG 71101] EXERCISE OF DELEGATED AUTHOR-**  
2 **ITY UNDER THE FEDERAL SERVICE LABOR-**  
3 **MANAGEMENT RELATIONS STATUTE.**

4 (a) REPORT ON USE OF AUTHORITY.—

5 (1) IN GENERAL.—Not later than October 31,  
6 2020, the Secretary of Defense shall submit a report  
7 to the congressional defense committees describing  
8 the conditions under which the Secretary would ex-  
9 ercise the authority under section 7103(b) of title 5,  
10 United States Code, delegated to the Secretary by  
11 the President on January 29, 2020, in the memo-  
12 randum entitled “Delegation of Certain Authority  
13 Under the Federal Service Labor-Management Rela-  
14 tions Statute”, to exclude Department of Defense  
15 agencies or subdivisions from coverage under chap-  
16 ter 71 of such title (in this section referred to as  
17 “FSLMRS coverage”).

18 (2) CONTENTS.—The report under paragraph  
19 (1) shall include the following:

20 (A) A discussion of any plans to further  
21 delegate such authority.

22 (B) A description of the criteria the De-  
23 partment will apply to determine whether  
24 FSLMRS coverage cannot be applied to a De-  
25 partment of Defense agency or subdivision in a

1 manner consistent with national security re-  
2 quirements and considerations.

3 (C) A description of the process and docu-  
4 mentation the Department will require to sup-  
5 port any request to exclude an agency or sub-  
6 division from FSLMRS coverage.

7 (b) EXERCISE OF AUTHORITY.—The Secretary of  
8 Defense may not exclude any Department of Defense  
9 agency or subdivision from FSLMRS coverage until 30  
10 days after the date that the Secretary submits a report  
11 to the congressional defense committees. Any such report  
12 shall include the following:

13 (1) A description of the size, mission, personnel  
14 composition, and union participation within the  
15 agency or subdivision.

16 (2) A summary of the agency or subdivision's  
17 collective bargaining agreements in effect on the  
18 date the report is submitted.

19 (3) Any change in mission or function that ne-  
20 cessitates exclusion from FSLMRS coverage.

21 (4) An assessment of the ways in which the  
22 agency or subdivision meets the criteria provided  
23 pursuant to subsection (a)(2)(B).

1 **SEC. 1106. [LOG 71358] LIMITING THE NUMBER OF LOCAL**  
2 **WAGE AREAS DEFINED WITHIN A PAY LOCAL-**  
3 **ITY.**

4 (a) LOCAL WAGE AREA LIMITATION.—Section  
5 5343(a) of title 5, United States Code, is amended—

6 (1) in paragraph (1)(B)(i), by striking “(but  
7 such” and all that follows through “are employed”;

8 (2) in paragraph (4), by striking “and” after  
9 the semicolon;

10 (3) in paragraph (5), by striking the period at  
11 the end and inserting “; and”; and

12 (4) by adding at the end of the following:

13 “(6) the Office of Personnel Management may  
14 define not more than 1 local wage area within a pay  
15 locality, except that this paragraph shall not apply  
16 to the pay locality designated as ‘Rest of United  
17 States’.”.

18 (b) PAY LOCALITY DEFINED.—Section 5342(a) of  
19 title 5, United States Code, is amended—

20 (1) in paragraph (2)(C), by striking “and” at  
21 the end;

22 (2) in paragraph (3), by striking the period at  
23 the end and inserting “; and”; and

24 (3) by adding at the end the following:

25 “(4) ‘pay locality’ has the meaning given that  
26 term under section 5302(5).”.

1           (c) REGULATIONS.—The Director of the Office of  
2 Personnel Management shall prescribe any regulations  
3 necessary to carry out this section and the amendments  
4 made by this section, including regulations to ensure that  
5 this section and the amendments made by this section  
6 shall not have the effect of reducing any rate of basic pay  
7 payable to any individual who is serving as a prevailing  
8 rate employee (as defined under section 5342(a)(2) of title  
9 5, United States Code).

10          (d) EFFECTIVE DATE.—This section and the amend-  
11 ments made by this section shall apply with respect to fis-  
12 cal year 2022 and each fiscal year thereafter.

1           **Subtitle A—Assistance and**  
2                           **Training**

3   **SEC. 1201. [LOG 71071] EXTENSION OF REPORT ON WORK-**  
4                           **FORCE DEVELOPMENT.**

5           Section 1250(b)(1) of the National Defense Author-  
6   ization Act for Fiscal Year 2017 (Public Law 114–328;  
7   130 Stat. 2529) is amended by striking “through 2021”  
8   and inserting “through 2026”.

1           **Subtitle B—Matters Relating to**  
2                   **Afghanistan and Pakistan**

3   **SEC. 1211. [LOG 71016] EXTENSION AND MODIFICATION OF**  
4                   **AUTHORITY FOR REIMBURSEMENT OF CER-**  
5                   **TAIN COALITION NATIONS FOR SUPPORT**  
6                   **PROVIDED TO UNITED STATES MILITARY OP-**  
7                   **ERATIONS.**

8           (a) **EXTENSION.**—Subsection (a) of section 1233 of  
9 the National Defense Authorization Act for Fiscal Year  
10 2008 (Public Law 110–181; 122 Stat. 393) is amended  
11 by striking “October 1, 2019, and ending on December  
12 31, 2020” and inserting “October 1, 2020, and ending  
13 on December 31, 2021”.

14           (b) **MODIFICATION TO LIMITATION.**—Subsection  
15 (d)(1) of such section is amended—

16                   (1) by striking “October 1, 2019, and ending  
17                   on December 31, 2020” and inserting “October 1,  
18                   2020, and ending on December 31, 2021”; and

19                   (2) by striking “\$450,000,000” and inserting  
20                   “\$180,000,000”.

1 **SEC. 1212. [LOG 71018] EXTENSION OF THE AFGHAN SPE-**  
2 **CIAL IMMIGRANT VISA PROGRAM.**

3 (a) **IN GENERAL.**—Section 602(b)(3)(F) of the Af-  
4 ghan Allies Protection Act of 2009 (8 U.S.C. 1101 note)  
5 is amended—

6 (1) in the heading, by striking “2020” and in-  
7 serting “2021”;

8 (2) in clause (i), by striking “December 31,  
9 2021” and inserting “December 31, 2022”; and

10 (3) in clause (ii), the striking “December 31,  
11 2021” inserting “December 31, 2022”.

12 (b) **REPORT EXTENSION.**—Section 602(b)(13) of  
13 such Act (8 U.S.C. 1101 note) is amended by striking  
14 “January 31, 2021” and inserting “January 31, 2023”.



1           **Subtitle C—Matters Relating to**  
2                           **Syria, Iraq, and Iran**

3   **SEC. 1221. [LOG 71015] EXTENSION AND MODIFICATION OF**  
4                           **AUTHORITY TO PROVIDE ASSISTANCE TO**  
5                           **COUNTER THE ISLAMIC STATE OF IRAQ AND**  
6                           **SYRIA.**

7           (a) **IN GENERAL.**—Subsection (a) of section 1236 of  
8 the Carl Levin and Howard P. “Buck” McKeon National  
9 Defense Authorization Act for Fiscal Year 2015 (Public  
10 Law 113–291) is amended by striking “December 31,  
11 2020” and inserting “December 31, 2021”.

12          (b) **FUNDING.**—Subsection (g) of such section is  
13 amended—

14               (1) by striking “fiscal year 2020” and inserting  
15 “fiscal year 2021”; and

16               (2) by striking “\$645,000,000” and inserting  
17 “\$500,000,000”.

18          (c) **WAIVER AUTHORITY; SCOPE.**—Subsection (j)(3)  
19 of such section is amended—

20               (1) by striking “congressional defense commit-  
21 tees” each place it appears and inserting “appro-  
22 priate congressional committees”; and

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

24                       “(C) **APPROPRIATE CONGRESSIONAL COM-**  
25                       **MITTEES DEFINED.**—In this paragraph, the

1 term ‘appropriate congressional committees’  
2 means—

3 “(i) the Committee on Armed Services  
4 and the Committee on Foreign Affairs of  
5 the House of Representatives; and

6 “(ii) the Committee on Armed Serv-  
7 ices and the Committee on Foreign Rela-  
8 tions of the Senate.”.

9 (d) ANNUAL REPORT.—Such section is amended by  
10 adding at the end the following:

11 “(o) ANNUAL REPORT.—Not later than 90 days after  
12 the date of the enactment of this subsection, and annually  
13 thereafter for two years, the Secretary of Defense shall  
14 submit to the Committee on Armed Services of the House  
15 of Representatives and the Committee on Armed Services  
16 of the Senate a report that includes—

17 “(1) a detailed description of the weapons and  
18 equipment purchased using the Counter-ISIS Train  
19 and Equip Fund in the previous fiscal year; and

20 “(2) a detailed description of the incremental  
21 costs for operations and maintenance for Operation  
22 Inherent Resolve in the previous fiscal year.”.

23 (e) BUDGET DISPLAY SUBMISSION.—

24 (1) IN GENERAL.—The Secretary of Defense  
25 shall include in the budget materials submitted by

1 the Secretary in support of the budget of the Presi-  
2 dent (as submitted to Congress pursuant to section  
3 1105 of title 31, United States Code) for each of fis-  
4 cal years 2022 and 2023 a detailed budget display  
5 for funds requested for the Department of Defense  
6 for such fiscal year for Operation Inherent Resolve.

7 (2) MATTERS TO BE INCLUDED.—The detailed  
8 budget display required under paragraph (1) shall  
9 include the following:

10 (A) With respect to procurement ac-  
11 counts—

12 (i) amounts displayed by account,  
13 budget activity, line number, line item, and  
14 line item title; and

15 (ii) a description of the requirements  
16 for each such amount.

17 (B) With respect to research, development,  
18 test, and evaluation accounts—

19 (i) amounts displayed by account,  
20 budget activity, line number, program ele-  
21 ment, and program element title; and

22 (ii) a description of the requirements  
23 for each such amount.

24 (C) With respect to operation and mainte-  
25 nance accounts—

1 (i) amounts displayed by account title,  
2 budget activity title, line number, and sub-  
3 activity group title; and

4 (ii) a description of the specific man-  
5 ner in which each such amount would be  
6 used.

7 (D) With respect to military personnel ac-  
8 counts—

9 (i) amounts displayed by account,  
10 budget activity, budget subactivity, and  
11 budget subactivity title; and

12 (ii) a description of the requirements  
13 for each such amount.

14 (E) With respect to each project under  
15 military construction accounts (including with  
16 respect to unspecified minor military construc-  
17 tion and amounts for planning and design), the  
18 country, location, project title, and project  
19 amount for each fiscal year.

1 **SEC. 1222. [LOG 71017] EXTENSION OF AUTHORITY TO PRO-**  
2 **VIDE ASSISTANCE TO THE VETTED SYRIAN**  
3 **OPPOSITION.**

4 (a) IN GENERAL.—Subsection (a) of section 1209 of  
5 the Carl Levin and Howard P. “Buck” McKeon National  
6 Defense Authorization Act for Fiscal Year 2015 (Public  
7 Law 113–291) is amended by striking “December 31,  
8 2020” and inserting “December 31, 2021”.

9 (b) NOTICE BEFORE PROVISION OF ASSISTANCE.—  
10 Subsection (b)(2)(A) of such section is amended by strik-  
11 ing “fiscal year 2019 or fiscal year 2020” and inserting  
12 “fiscal year 2019, fiscal year 2020, or fiscal year 2021”.

13 (c) CERTIFICATION.—Not later than 30 days after  
14 the date of the enactment of this Act, the Secretary of  
15 Defense shall certify to the Committee on Armed Services  
16 and the Committee on Foreign Affairs of the House of  
17 Representatives and the Committee on Armed Services  
18 and the Committee on Foreign Relations of the Senate  
19 that no United States military forces are being used or  
20 have been used for the extraction, transport, transfer, or  
21 sale of oil from Syria.

1 **SEC. 1223. [LOG 71023] EXTENSION OF AUTHORITY TO SUP-**  
2 **PORT OPERATIONS AND ACTIVITIES OF THE**  
3 **OFFICE OF SECURITY COOPERATION IN IRAQ.**

4 Section 1215 of the National Defense Authorization  
5 Act for Fiscal Year 2012 (10 U.S.C. 113 note) is amend-  
6 ed—

7 (1) in subsections (c) and (d), by striking “fis-  
8 cal year 2020” each place it appears and inserting  
9 “each of fiscal years 2020 and 2021”; and

10 (2) in subsection (h), by striking “Of the  
11 amount made available for fiscal year 2020 to carry  
12 out section 1215 of the National Defense Authoriza-  
13 tion Act for Fiscal Year 2012, not more than  
14 \$20,000,000” and inserting “Of the amounts made  
15 available for fiscal years 2020 and 2021 to carry out  
16 this section, not more than \$20,000,000 for each  
17 such fiscal year”.

1 **SEC. 1224. [LOG 71196] PROHIBITION ON PROVISION OF**  
2 **WEAPONS AND OTHER FORMS OF SUPPORT**  
3 **TO CERTAIN ORGANIZATIONS.**

4 None of the funds authorized to be appropriated by  
5 this Act or otherwise made available for the Department  
6 of Defense for fiscal year 2021 may be used to knowingly  
7 provide weapons or any other form of support to Al Qaeda,  
8 the Islamic State of Iraq and Syria (ISIS), Jabhat Fateh  
9 al Sham, Hamas, Hizballah, Palestine Islamic Jihad, al-  
10 Shabaab, Islamic Revolutionary Guard Corps, or any indi-  
11 vidual or group affiliated with any such organization.

1       **Subtitle D—Matters Relating to**  
2                                   **Russia**

3       **SEC. 1231. [LOG 70852] PROHIBITION ON AVAILABILITY OF**  
4                                   **FUNDS RELATING TO SOVEREIGNTY OF THE**  
5                                   **RUSSIAN FEDERATION OVER CRIMEA.**

6           (a) PROHIBITION.—None of the funds authorized to  
7 be appropriated by this Act or otherwise made available  
8 for fiscal year 2021 for the Department of Defense may  
9 be obligated or expended to implement any activity that  
10 recognizes the sovereignty of the Russian Federation over  
11 Crimea.

12          (b) WAIVER.—The Secretary of Defense, with the  
13 concurrence of the Secretary of State, may waive the re-  
14 striction on the obligation or expenditure of funds required  
15 by subsection (a) if the Secretary of Defense—

16           (1) determines that to do so is in the national  
17 security interest of the United States; and

18           (2) submits a notification of the waiver, at the  
19 time the waiver is invoked, to the Committee on  
20 Armed Services and the Committee on Foreign Af-  
21 fairs of the House of Representatives and the Com-  
22 mittee on Armed Services and the Committee on  
23 Foreign Relations of the Senate.



1 **SEC. 1232. [LOG 70853] EXTENSION OF LIMITATION ON**  
2 **MILITARY COOPERATION BETWEEN THE**  
3 **UNITED STATES AND THE RUSSIAN FEDERA-**  
4 **TION.**

5 Section 1232(a) of the National Defense Authoriza-  
6 tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
7 Stat. 2488), is amended by striking “, 2019, or 2020”  
8 and inserting “2019, 2020, or 2021”.

1 **SEC. 1233. [LOG 70854] MODIFICATION AND EXTENSION OF**  
2 **UKRAINE SECURITY ASSISTANCE INITIATIVE.**

3 (a) IN GENERAL.—Section 1250 of the National De-  
4 fense Authorization Act for Fiscal Year 2016 (Public Law  
5 114–92; 129 Stat. 1068) is amended—

6 (1) in subsection (c)—

7 (A) in paragraph (1), by striking “50 per-  
8 cent of the funds available for fiscal year 2020  
9 pursuant to subsection (f)(5)” and inserting  
10 “50 percent of the funds available for fiscal  
11 year 2021 pursuant to subsection (f)(6)”; and

12 (B) in paragraph (3), by striking “fiscal  
13 year 2020” and inserting “fiscal year 2021”;  
14 and

15 (C) in paragraph (5), by striking “Of the  
16 funds available for fiscal year 2020 pursuant to  
17 subsection (f)(5)” and inserting “Of the funds  
18 available for fiscal year 2021 pursuant to sub-  
19 section (f)(6)”;

20 (2) in subsection (f), by adding at the end the  
21 following:

22 “(6) For fiscal year 2021, \$250,000,000.”; and

23 (3) in subsection (h), by striking “December  
24 31, 2022” and inserting “December 31, 2023”.

25 (b) EXTENSION OF REPORTS ON MILITARY ASSIST-  
26 ANCE TO UKRAINE.—Section 1275(e) of the Carl Levin

1 and Howard P. “Buck” McKeon National Defense Au-  
2 thorization Act for Fiscal Year 2015 (Public Law 113–  
3 291; 128 Stat. 3592) is amended by striking “January  
4 31, 2021” and inserting “December 31, 2023”.

1 **SEC. 1234. [LOG 71188] UNITED STATES PARTICIPATION IN**  
2 **THE OPEN SKIES TREATY.**

3 (a) NOTIFICATION REQUIRED.—

4 (1) IN GENERAL.—Prior to the provision of no-  
5 tice of intent to withdraw the United States from  
6 the Open Skies Treaty to either treaty depository  
7 pursuant to Article XV of the Treaty, the Secretary  
8 of Defense and the Secretary of State shall jointly  
9 submit to the appropriate congressional commit-  
10 tees—

11 (A) a notification that the United States  
12 has concluded agreements with other state par-  
13 ties to the Treaty that host United States mili-  
14 tary forces and assets to ensure that after such  
15 withdrawal the United States will be provided  
16 sufficient notice by such state parties of re-  
17 quests for observation flights over the terri-  
18 tories of such state parties under the Treaty; or

19 (B) if the United States has not concluded  
20 the agreements described in subparagraph (A),  
21 a description of how the United States will con-  
22 sistentlly and reliably be provided with sufficient  
23 warning of observation flights described in sub-  
24 paragraph (A) by other means, including a de-  
25 scription of assets and personnel and policy im-  
26 plications of using such other means.

1           (2) SUBMISSION OF AGREEMENTS.—Upon pro-  
2 vision of notice of intent to withdraw the United  
3 States from the Open Skies Treaty to either treaty  
4 depository pursuant to Article XV of the Treaty, the  
5 Secretary of Defense and the Secretary of State  
6 shall jointly submit to the appropriate congressional  
7 committees copies of the agreements described in  
8 paragraph (1)(A).

9           (b) REPORT.—

10           (1) IN GENERAL.—Not later than 90 days after  
11 the date of the enactment of this Act, the Secretary  
12 of Defense and the Secretary of State, in coordina-  
13 tion with the Director of National Intelligence and  
14 the Under Secretary of Defense for Intelligence and  
15 Security, shall jointly submit to the appropriate con-  
16 gressional committees a report on the effects of a  
17 potential withdrawal of the United States from the  
18 Open Skies Treaty.

19           (2) MATTERS TO BE INCLUDED.—The report  
20 required by paragraph (1) shall include the fol-  
21 lowing:

22           (A) A description of how the United States  
23 will replace benefits of cooperation with United  
24 States allies under the Treaty.

25           (B) A description of—

1 (i) how the United States will obtain  
2 unclassified, publicly-releasable imagery it  
3 currently receives under the Treaty;

4 (ii) if national technical means are  
5 used as a replacement to obtain such im-  
6 agery—

7 (I) how the requirements satis-  
8 fied by collection under the Treaty  
9 will be prioritized within the National  
10 Intelligence Priorities Framework;

11 (II) a plan to mitigate any gaps  
12 in collection; and

13 (III) requirements and timelines  
14 for declassification of data for public  
15 release; and

16 (iii) if commercial imagery is used as  
17 a replacement to obtain such imagery—

18 (I) contractual actions and asso-  
19 ciated timelines needed to purchase  
20 such imagery;

21 (II) costs to purchase commercial  
22 imagery equivalent to that which is  
23 obtained under the Treaty; and

24 (III) estimates of costs to share  
25 that data with other state parties to

1 the Treaty that are United States  
2 partners.

3 (C) A description of how the United States  
4 will replace intelligence information, other than  
5 imagery, obtained under the Treaty.

6 (D) A description of how the United States  
7 will ensure continued dialogue with Russia in a  
8 manner similar to formal communications as  
9 confidence-building measures to reinforce stra-  
10 tegic stability required under the Treaty.

11 (E) All unedited responses to the question-  
12 naire provided to United States allies by the  
13 United States in 2019 and all official state-  
14 ments provided to the United States by United  
15 States allies in 2019 or 2020 relating to United  
16 States withdrawal from the Treaty.

17 (F) An assessment of the impact of such  
18 withdrawal on—

19 (i) United States leadership in the  
20 North Atlantic Treaty Organization  
21 (NATO); and

22 (ii) cohesion and cooperation among  
23 NATO member states.

24 (G) A description of options to continue  
25 confidence-building measures under the Treaty

1 with other state parties to the Treaty that are  
2 United States allies.

3 (H) An assessment of the Defense Intel-  
4 ligence Agency of the impact on national secu-  
5 rity of such withdrawal.

6 (I) An assessment of how the United  
7 States will influence decisions regarding certifi-  
8 cations of new sensors, primarily synthetic ap-  
9 erture radar sensors, under the Treaty that  
10 could pose additional risk to deployed United  
11 States military forces and assets.

12 (3) FORM.—The report required by paragraph  
13 (1) shall be submitted in unclassified form but may  
14 contain a classified annex.

15 (c) DEFINITIONS.—In this section:

16 (1) APPROPRIATE CONGRESSIONAL COMMIT-  
17 TEES.—The term “appropriate congressional com-  
18 mittees” means—

19 (A) the congressional defense committees;

20 (B) the Committee on Foreign Affairs and  
21 the Permanent Select Committee on Intelligence  
22 of the House of Representatives; and

23 (C) the Committee on Foreign Relations  
24 and the Select Committee on Intelligence of the  
25 Senate.



1           (2) OBSERVATION FLIGHT.—The term “obser-  
2           vation flight” has the meaning given such term in  
3           Article II of the Open Skies Treaty.

4           (3) OPEN SKIES TREATY; TREATY.—The term  
5           “Open Skies Treaty” or “Treaty” means the Treaty  
6           on Open Skies, done at Helsinki March 24, 1992,  
7           and entered into force January 1, 2002.

1 **Subtitle E—Matters Relating to the**  
2 **Indo-Pacific Region**

3 **SEC. 1241. [LOG 71057] INDO-PACIFIC REASSURANCE INI-**  
4 **TIATIVE.**

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

7 (1) a stable, peaceful, and secure Indo-Pacific  
8 region is vital to United States economic and na-  
9 tional security;

10 (2) revisionist states, rogue states, violent ex-  
11 tremist organizations, and natural and manmade  
12 disasters are persistent challenges to regional sta-  
13 bility and security;

14 (3) maintaining stability and upholding a rules-  
15 based order requires a holistic United States strat-  
16 egy that—

17 (A) synchronizes all elements of national  
18 power;

19 (B) is inclusive of United States allies and  
20 partner countries; and

21 (C) ensures a persistent, predictable  
22 United States presence to reinforce regional de-  
23 fense;

1           (4) enhancing regional defense requires robust  
2 efforts to increase capability, readiness, and respon-  
3 siveness to deter and mitigate destabilizing activities;

4           (5) the Department of Defense should pursue  
5 an integrated program of activities to—

6           (A) reassure United States allies and part-  
7 ner countries in the Indo-Pacific region;

8           (B) appropriately prioritize activities and  
9 resources to implement the National Defense  
10 Strategy; and

11           (C) enhance the ability of Congress to pro-  
12 vide oversight of and support to Department of  
13 Defense efforts;

14           (6) an integrated, coherent, and strategic pro-  
15 gram of activities in the Indo-Pacific region, similar  
16 to the European Deterrence Initiative (originally the  
17 European Reassurance Initiative), will enhance  
18 United States presence and positioning, allow for ad-  
19 ditional exercises, improve infrastructure and logis-  
20 tics, and build allied and partner capacity to deter  
21 aggression, strengthen ally and partner interoper-  
22 ability, and demonstrate United States commitment  
23 to Indo-Pacific countries;

24           (7) an integrated, coherent, and strategic pro-  
25 gram of activities in the Indo-Pacific region will also

1 assist in resourcing budgetary priorities and enhance-  
2 ing transparency and oversight of programs and ac-  
3 tivities to better enable a coordinated and strategic  
4 plan for Department of Defense programs;

5 (8) not less than \$3,578,360,000 of base fund-  
6 ing should be allocated to fully support such pro-  
7 gram of activities in fiscal year 2021; and

8 (9) the Department of Defense should ensure  
9 adequate, consistent planning is conducted for fu-  
10 ture funding and build upon the activities identified  
11 in fiscal year 2021 in future budget requests, as ap-  
12 propriate.

13 (b) INDO-PACIFIC REASSURANCE INITIATIVE.—The  
14 Secretary of Defense shall carry out a program of  
15 prioritized activities to reassure United States allies and  
16 partner countries in the Indo-Pacific region that shall be  
17 known as the “Indo-Pacific Reassurance Initiative” (in  
18 this section referred to as the “Initiative”).

19 (c) OBJECTIVES.—The objectives of the Initiative  
20 shall include reassuring United States allies and partner  
21 countries in the Indo-Pacific region by—

22 (1) optimizing the presence of United States  
23 Armed Forces in the region;

1           (2) strengthening and maintaining bilateral and  
2           multilateral military exercises and training with such  
3           countries;

4           (3) improving infrastructure in the region to  
5           enhance the responsiveness of United States Armed  
6           Forces;

7           (4) enhancing the prepositioning of equipment  
8           and materiel in the region; and

9           (5) building the defense and security capabili-  
10          ties, capacity, and cooperation of such countries.

11          (d) PLAN RELATING TO TRANSPARENCY FOR THE  
12          INDO-PACIFIC REASSURANCE INITIATIVE.—

13                 (1) PLAN REQUIRED.—

14                         (A) IN GENERAL.—Not later than Feb-  
15                         ruary 1, 2022, and annually thereafter, the Sec-  
16                         retary of Defense, in consultation with the  
17                         Commander of the United States Indo-Pacific  
18                         Command, shall submit to the congressional de-  
19                         fense committees a future years plan on activi-  
20                         ties and resources of the Initiative.

21                         (B) APPLICABILITY.—The plan shall apply  
22                         to the Initiative with respect to the first fiscal  
23                         year beginning after the date of submission of  
24                         the plan and at least the four succeeding fiscal  
25                         years.

1           (2) MATTERS TO BE INCLUDED.—The plan re-  
2           quired under paragraph (1) shall include each of the  
3           following:

4                   (A) A summary of progress made towards  
5                   achieving the objectives of the Initiative.

6                   (B) An assessment of resource require-  
7                   ments to achieve such objectives.

8                   (C) An assessment of capabilities require-  
9                   ments to achieve such objectives.

10                  (D) An assessment of logistics require-  
11                  ments, including force enablers, equipment,  
12                  supplies, storage, and maintenance require-  
13                  ments, to achieve such objectives.

14                  (E) An identification of the intended force  
15                  structure and posture of the assigned and allo-  
16                  cated forces within the area of responsibility of  
17                  the United States Indo-Pacific Command for  
18                  the last fiscal year of the plan and the manner  
19                  in which such force structure and posture sup-  
20                  port such objectives.

21                  (F) An identification and assessment of re-  
22                  quired infrastructure and military construction  
23                  investments to achieve such objectives, includ-  
24                  ing potential infrastructure investments pro-  
25                  posed by host countries, new construction or

1 modernization of existing sites that would be  
2 funded by the United States, and a master plan  
3 that includes the following:

4 (i) A list of specific locations, orga-  
5 nized by country, in which the Commander  
6 of the United States Indo-Pacific Com-  
7 mand anticipates requiring infrastructure  
8 investments to support an enduring or  
9 periodic military presence in the region.

10 (ii) A list of specific infrastructure in-  
11 vestments required at each location identi-  
12 fied under clause (i), to include the project  
13 title and estimated cost of each project.

14 (iii) A brief explanation for how each  
15 location identified under clause (i) and in-  
16 frastructure investments identified under  
17 clause (ii) support a validated requirement  
18 or component of the overall strategy in the  
19 region.

20 (iv) A discussion of any gaps in the  
21 current infrastructure authorities that  
22 would preclude implementation of the in-  
23 frastructure investments identified under  
24 clause (ii).

1 (v) A description of the type and size  
2 of military force elements that would main-  
3 tain an enduring presence or operate peri-  
4 odically from each location identified under  
5 clause (i).

6 (vi) A summary of kinetic and non-ki-  
7 netic vulnerabilities for current locations  
8 and each location identified in clause (i), to  
9 include—

10 (I) the level of risk associated  
11 with each vulnerability; and

12 (II) the proposed mitigations and  
13 projected costs to address each such  
14 vulnerability, to include—

15 (aa) hardening and other re-  
16 silience measures;

17 (bb) active and passive  
18 counter-Intelligence, Surveillance,  
19 and Reconnaissance;

20 (cc) active and passive  
21 counter Positioning, Navigation,  
22 and Timing;

23 (dd) air and missile defense  
24 capabilities;



1 (ee) enhanced logistics and  
2 sea lines of communication secu-  
3 rity; and

4 (ff) other issues identified by  
5 the Commander of the United  
6 States Indo-Pacific Command.

7 (G) An assessment of logistics require-  
8 ments, including force enablers, equipment,  
9 supplies, storage, fuel storage and distribution,  
10 and maintenance requirements, to achieve such  
11 objectives.

12 (H) An analysis of the challenges to the  
13 ability of the United States to deploy significant  
14 forces from the continental United States to the  
15 Indo-Pacific theater in the event of a major  
16 contingency, and a description of the plans of  
17 the Department of Defense, including military  
18 exercises, to address such challenges.

19 (I) An assessment and plan for security co-  
20 operation investments to enhance such objec-  
21 tives.

22 (J) A plan to resource United States force  
23 posture and capabilities, including—

24 (i) the infrastructure capacity of exist-  
25 ing locations and their ability to accommo-

1 date additional United States forces in the  
2 Indo-Pacific region;

3 (ii) the potential new locations for ad-  
4 ditional United States Armed Forces in the  
5 Indo-Pacific region, including an assess-  
6 ment of infrastructure and military con-  
7 struction resources necessary to accommo-  
8 date such forces;

9 (iii) a detailed timeline to achieve de-  
10 sired posture requirements;

11 (iv) a detailed assessment of the re-  
12 sources necessary to achieve the require-  
13 ments of the plan, including specific cost  
14 estimates for each project under the Initia-  
15 tive to support optimized presence, exer-  
16 cises and training, enhanced  
17 prepositioning, improved infrastructure,  
18 and building partnership capacity; and

19 (v) a detailed timeline to achieve the  
20 force posture and capabilities, including  
21 force requirements.

22 (K) A detailed explanation of any signifi-  
23 cant modifications of the requirements or re-  
24 sources, as compared to plans previously sub-  
25 mitted under paragraph (1).

1 (L) Any other matters the Secretary of  
2 Defense determines should be included.

3 (3) FORM.—The plan required under paragraph  
4 (1) shall be submitted in unclassified form, but may  
5 include a classified annex.

6 (e) BUDGET SUBMISSION INFORMATION.—For fiscal  
7 year 2022 and each fiscal year thereafter, the Secretary  
8 of Defense shall include in the budget justification mate-  
9 rials submitted to Congress in support of the Department  
10 of Defense budget for that fiscal year (as submitted with  
11 the budget of the President under section 1105(a) of title  
12 31, United States Code)—

13 (1) the amounts, by budget function and as a  
14 separate item, requested for the Department of De-  
15 fense for such fiscal year for all programs and activi-  
16 ties under the Initiative; and

17 (2) a detailed budget display for the Initiative,  
18 including—

19 (A) with respect to procurement ac-  
20 counts—

21 (i) amounts displayed by account,  
22 budget activity, line number, line item, and  
23 line item title; and

24 (ii) a description of the requirements  
25 for each such amounts;

1 (B) with respect to research, development,  
2 test, and evaluation accounts—

3 (i) amounts displayed by account,  
4 budget activity, line number, program ele-  
5 ment, and program element title; and

6 (ii) a description of the requirements  
7 for each such amount;

8 (C) with respect to operation and mainte-  
9 nance accounts—

10 (i) amounts displayed by account title,  
11 budget activity title, line number, and sub-  
12 activity group title; and

13 (ii) a description of how such amounts  
14 will specifically be used;

15 (D) with respect to military personnel ac-  
16 counts—

17 (i) amounts displayed by account,  
18 budget activity, budget subactivity, and  
19 budget subactivity title; and

20 (ii) a description of the requirements  
21 for each such amount; and

22 (E) with respect to each project under  
23 military construction accounts (including with  
24 respect to unspecified minor military construc-  
25 tion and amounts for planning and design), the

1 country, location, project title, and project  
2 amount for each fiscal year.

3 (f) END OF FISCAL YEAR REPORT.—Not later than  
4 November 20, 2022, and annually thereafter, the Sec-  
5 retary of Defense shall submit to the congressional defense  
6 committees a report that contains—

7 (1) a detailed summary of funds obligated for  
8 the Initiative during the preceding fiscal year; and

9 (2) a detailed comparison of funds obligated for  
10 the Initiative during the preceding fiscal year to the  
11 amount of funds requested for the Initiative for such  
12 fiscal year in the materials submitted to Congress by  
13 the Secretary in support of the budget of the Presi-  
14 dent for that fiscal year as required by subsection  
15 (e), including with respect to each of the accounts  
16 described in subparagraphs (A), (B), (C), (D), and  
17 (E) of subsection (e)(2) and the information re-  
18 quired under each such subparagraph.

19 (g) BRIEFINGS REQUIRED.—Not later than March 1,  
20 2023, and annually thereafter, the Secretary of Defense  
21 shall provide to the congressional defense committees a  
22 briefing on the status of all matters covered by the report  
23 required by section (f).

1           (h) RELATIONSHIP TO BUDGET.—Nothing in this  
2 section shall be construed to affect section 1105(a) of title  
3 31, United States Code.

4           (i) CONFORMING REPEAL.—Section 1251 of the Na-  
5 tional Defense Authorization Act for Fiscal Year 2018  
6 (Public Law 115–91; 131 Stat. 1676) is repealed.

1 **SEC. 1242. [LOG 71195] REPORT ON CHINA'S ONE BELT, ONE**  
2 **ROAD INITIATIVE IN AFRICA.**

3 (a) IN GENERAL.—Not later than one year after the  
4 date of the enactment of this Act, the Secretary of De-  
5 fense, in coordination with the Secretary of State and the  
6 Director of National Intelligence, shall submit to the ap-  
7 propriate congressional committees a report on the mili-  
8 tary and defense implications of China's One Belt, One  
9 Road Initiative in Africa and a strategy to address im-  
10 pacts on United States military and defense interests in  
11 Africa.

12 (b) MATTERS TO BE INCLUDED.—The report re-  
13 quired by subsection (a) shall include the following:

14 (1) An assessment of Chinese dual-use invest-  
15 ments in Africa, including a description of which in-  
16 vestments that are of greatest concern to United  
17 States military or defense interests.

18 (2) A description of such investments that are  
19 associated with People's Liberation Army coopera-  
20 tion with African countries.

21 (3) An assessment of the potential military, in-  
22 telligence, and logistical threats facing United  
23 States' key regional military infrastructure, supply  
24 chains, and staging grounds due to such invest-  
25 ments.

1           (4) An identification of Department of Defense  
2           measures taken to mitigate the risk posed to United  
3           States forces and defense interests by such invest-  
4           ments.

5           (5) A strategy to address ongoing military and  
6           defense implications posed by the expansion of such  
7           investments.

8           (c) DEFINITIONS.—In this section:

9           (1) APPROPRIATE CONGRESSIONAL COMMIT-  
10          TEES.—The term “appropriate congressional com-  
11          mittees” means—

12                   (A) the Committee on Armed Services, the  
13                   Committee on Foreign Affairs, and the Perma-  
14                   nent Select Committee on Intelligence of the  
15                   House of Representatives; and

16                   (B) the Committee on Armed Services, the  
17                   Committee on Foreign Relations, and Select  
18                   Committee on Intelligence of the Senate.

19          (2) CHINESE DUAL-USE INVESTMENTS IN AFRI-  
20          CA.—The term “Chinese dual-use investments in Af-  
21          rica” means investments made by the Government of  
22          the People’s Republic of China, the Chinese Com-  
23          munist Party, or companies owned or controlled by  
24          such Government or Party in the infrastructure of



1 African countries or related projects for both com-  
2 mercial and military or proliferation purposes.

3 (d) FORM.—The report required by subsection (a)  
4 shall—

5 (1) be submitted in unclassified form but may  
6 contain a classified annex; and

7 (2) be made available to the public on the  
8 website of the Department of Defense.

1 **SEC. 1244. [LOG 71056] LIMITATION ON USE OF FUNDS TO**  
2 **REDUCE THE TOTAL NUMBER OF MEMBERS**  
3 **OF THE ARMED FORCES SERVING ON ACTIVE**  
4 **DUTY WHO ARE DEPLOYED TO SOUTH**  
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 South Korea below 28,500 until 180 days  
10 after the date on which the Secretary of Defense certifies  
11 to the congressional defense committees the following:

12 (1) Such a reduction is in the national security  
13 interest of the United States and will not signifi-  
14 cantly undermine the security of United States allies  
15 in the region.

16 (2) Such a reduction is commensurate with a  
17 reduction in the threat posed to the United States  
18 and its allies in the region by the Democratic Peo-  
19 ple's Republic of Korea.

20 (3) Following such a reduction, the Republic of  
21 Korea would be capable of deterring a conflict on  
22 the Korean Peninsula.

23 (4) The Secretary has appropriately consulted  
24 with allies of the United States, including South  
25 Korea and Japan, regarding such a reduction.

1                   **Subtitle F—Other Matters**  
2   **SEC. 1251. [LOG 71084] CONSOLIDATED BUDGET DISPLAY**  
3                   **AND REPORT ON OPERATION SPARTAN**  
4                   **SHIELD.**

5           (a) BUDGET DISPLAY SUBMISSION.—

6                   (1) IN GENERAL.—The Secretary of Defense  
7           shall include in the budget materials submitted by  
8           the Secretary in support of the budget of the Presi-  
9           dent (as submitted to Congress pursuant to section  
10          1105 of title 31, United States Code) for each of fis-  
11          cal years 2022 and 2023 a detailed budget display  
12          for funds requested for the Department of Defense  
13          for such fiscal year for Operation Spartan Shield  
14          and Iran deterrence-related programs and activities  
15          of the Department of Defense in the United States  
16          Central Command area of operation.

17                   (2) MATTERS TO BE INCLUDED.—The detailed  
18          budget display required under paragraph (1) shall  
19          include the following:

20                           (A) With respect to procurement ac-  
21                           counts—

22                                   (i) amounts displayed by account,  
23                                   budget activity, line number, line item, and  
24                                   line item title; and

1 (ii) a description of the requirements  
2 for each such amount.

3 (B) With respect to research, development,  
4 test, and evaluation accounts—

5 (i) amounts displayed by account,  
6 budget activity, line number, program ele-  
7 ment, and program element title; and

8 (ii) a description of the requirements  
9 for each such amount.

10 (C) With respect to operation and mainte-  
11 nance accounts—

12 (i) amounts displayed by account title,  
13 budget activity title, line number, and sub-  
14 activity group title; and

15 (ii) a description of the specific man-  
16 ner in which each such amount would be  
17 used.

18 (D) With respect to military personnel ac-  
19 counts—

20 (i) amounts displayed by account,  
21 budget activity, budget subactivity, and  
22 budget subactivity title; and

23 (ii) a description of the requirements  
24 for each such amount.

1           (E) With respect to each project under  
2           military construction accounts (including with  
3           respect to unspecified minor military construc-  
4           tion and amounts for planning and design), the  
5           country, location, project title, and project  
6           amount for each fiscal year.

7           (b) REPORT.—

8           (1) IN GENERAL.—Not later than 180 days  
9           after the date of the enactment of this Act, and an-  
10          nually thereafter in conjunction with the submission  
11          of the budget of President (as submitted to Congress  
12          pursuant to section 1105 of title 31, United States  
13          Code) for each of fiscal years 2022 and 2023, the  
14          Secretary of Defense shall submit to the Committee  
15          on Armed Services of the House of Representatives  
16          and the Committee on Armed Services of the Senate  
17          a report on Operation Spartan Shield.

18          (2) MATTERS TO BE INCLUDED.—The report  
19          required by paragraph (1) should include—

20                 (A)(i) for the first report, a history of the  
21                 operation and its objectives; and

22                 (ii) for each subsequent report, a descrip-  
23                 tion of the operation and its objectives during  
24                 the prior year;

1 (B) a list and description of significant ac-  
2 tivities and exercises carried out under the op-  
3 eration during the prior year;

4 (C) a description of the purpose and goals  
5 of such activities and exercises and an assess-  
6 ment of the degree to which stated goals were  
7 achieved during the prior year;

8 (D) a description of criteria used to judge  
9 the effectiveness of joint exercises to build part-  
10 ner capacity under the operation during the  
11 prior year;

12 (E) an identification of incremental and  
13 estimated total costs of the operation during  
14 the prior year, including a separate identifica-  
15 tion of incremental costs of increased force  
16 presence in the United States Central Com-  
17 mand area of responsibility to counter Iran  
18 since May 2019; and

19 (F) any other matters the Secretary deter-  
20 mines appropriate.

21 (3) FORM.—The report required by paragraph  
22 (1) shall be submitted in unclassified form but may  
23 include a classified annex.

1 **SEC. 1252. [LOG 71223] REPORT ON OPERATION FREEDOM**  
2 **SENTINEL.**

3 (a) **IN GENERAL.**—Not later than 90 days after the  
4 date of the enactment of this Act, and as part of the mate-  
5 rials relating to Operation Freedom Sentinel submitted to  
6 Congress by the Secretary of Defense in support of the  
7 budget of the President for the following two fiscal years,  
8 the Secretary shall submit to the Committee on Armed  
9 Services of the House of Representatives and the Com-  
10 mittee on Armed Services of the Senate a report on Oper-  
11 ation Freedom Sentinel.

12 (b) **MATTERS TO BE INCLUDED.**—The report re-  
13 quired by subsection (a) shall include a list and description  
14 of activities, exercises, and funding amounts carried out  
15 under the operation, including—

- 16 (1) specific direct war costs;
- 17 (2) activities that occur in Afghanistan;
- 18 (3) activities that occur outside of Afghanistan,  
19 including training and costs relating to personnel;
- 20 (4) activities that provide funding to any of the  
21 services that is part of the operation's budget re-  
22 quest; and
- 23 (5) activities related to transportation, logistics,  
24 and other support.

1 **SEC. 1253. [LOG 71193] REPORT RELATING TO REDUCTION**  
2 **IN THE TOTAL NUMBER OF UNITED STATES**  
3 **ARMED FORCES DEPLOYED TO UNITED**  
4 **STATES AFRICA COMMAND AREA OF RESPON-**  
5 **SIBILITY.**

6 (a) REDUCTION DESCRIBED.—

7 (1) IN GENERAL.—If the Department of De-  
8 fense reduces the number of United States Armed  
9 Forces deployed to the United States Africa Com-  
10 mand area of responsibility (in this section referred  
11 to as “AFRICOM AOR”) (other than United States  
12 Armed Forces described in paragraph (2)) to a num-  
13 ber that is below 80 percent of the number deployed  
14 as of the day before the date of the enactment of  
15 this Act, the Secretary of Defense, in consultation  
16 with the Secretary of State and the Director of Na-  
17 tional Intelligence, shall, not later than 90 days after  
18 date of such a reduction, submit to the appropriate  
19 congressional committees a report described in sub-  
20 section (b).

21 (2) UNITED STATES ARMED FORCES DE-  
22 SCRIBED.—United States Armed Forces described in  
23 this paragraph are United States Armed Forces that  
24 are deployed to AFRICOM AOR but are not under  
25 the direct authority of the Commander of United  
26 States Africa Command, including—



1 (A) forces deployed in conjunction with  
2 other Commands;

3 (B) forces participating in joint exercises;

4 (C) forces identified for pre-planned activi-  
5 ties;

6 (D) forces used to assist in emergency sit-  
7 uations; and

8 (E) forces designated or assigned for diplo-  
9 matic or embassy security.

10 (b) REPORT.—

11 (1) IN GENERAL.—A report described in this  
12 subsection is a report that includes each of the fol-  
13 lowing:

14 (A) A strategic plan to—

15 (i) degrade each of the violent extrem-  
16 ist organizations described in paragraph  
17 (2) within the AFRICOM AOR, to include  
18 an assessment of the extent to which such  
19 violent extremist organizations pose a di-  
20 rect threat to the United States; and

21 (ii) counter the military influence of  
22 China and Russia within the AFRICOM  
23 AOR.

24 (B) The average number of United States  
25 Armed Forces that are under the direct author-

1           ity of the Commander of United States Africa  
2           Command and deployed to AFRICOM AOR  
3           and the amount of associated expenditures, to  
4           be listed by month for each of the fiscal years  
5           2019 and 2020 and disaggregated by mission  
6           and country, to include those forces deployed to  
7           secure United States embassies.

8           (C) The average number of United States  
9           Armed Forces that are planned to be under the  
10          direct authority of the Commander of United  
11          States Africa Command and deployed to  
12          AFRICOM AOR and the amount of projected  
13          associated expenditures, to be listed by month  
14          for fiscal years 2021 and 2022 and  
15          disaggregated by mission and country, to in-  
16          clude those forces deployed to secure United  
17          States embassies.

18          (D) The effect that a reduction described  
19          in subsection (a) would have on military and in-  
20          telligence efforts to combat each of the violent  
21          extremist organizations described in paragraph  
22          (2), including a statement of the current objec-  
23          tives of the Secretary of Defense with respect to  
24          such efforts.

1 (E) A description of any consultation or  
2 coordination with the Department of State or  
3 the United States Agency for International De-  
4 velopment with respect to such a reduction and  
5 the effect that such a reduction would have on  
6 diplomatic, developmental, or humanitarian ef-  
7 forts in Africa, including statements of the cur-  
8 rent objectives of the Secretary of State and the  
9 Administrator of the United States Agency for  
10 International Development with respect to such  
11 efforts.

12 (F) The strength, regenerative capacity,  
13 and intent of such violent extremist organiza-  
14 tions in the AFRICOM AOR, including—

15 (i) an assessment of the number of  
16 fighters in the Sahel, the Horn of Africa,  
17 and West Africa who are members of such  
18 violent extremist organizations;

19 (ii) the threat such violent extremist  
20 organizations pose to host nations and  
21 United States allies and partners, and the  
22 extent to which such violent extremist or-  
23 ganizations pose a direct threat to the  
24 United States; and

1 (iii) the likely reaction of such violent  
2 extremist organizations to the withdrawal  
3 of United States Armed Forces.

4 (G) The strategic risks involved with coun-  
5 tering such violent extremist organizations fol-  
6 lowing such a reduction.

7 (H) The operational risks involved with  
8 conducting United States led or enabled oper-  
9 ations in Africa against such violent extremist  
10 organizations following such a reduction.

11 (I) For any region of the AFRICOM AOR  
12 in which United States Armed Forces currently  
13 are present or conduct activities, the effect such  
14 a reduction would have on power and influence  
15 of China and Russia in such region.

16 (J) Any consultation or coordination with  
17 United States allies and partners concerning  
18 such a reduction.

19 (K) An assessment of the response from  
20 the governments and military forces of France,  
21 the United Kingdom, and Canada to such a re-  
22 duction.

23 (2) VIOLENT EXTREMIST ORGANIZATIONS DE-  
24 SCRIBED.—The violent extremist organizations de-  
25 scribed in this paragraph are adversarial groups and

1 forces in the AFRICOM AOR, as determined by the  
2 Secretary of Defense.

3 (c) ADDITIONAL REPORTING REQUIREMENT.—Not  
4 later than 60 days after the date of the enactment of this  
5 Act, the Secretary of Defense shall submit to the appro-  
6 priate congressional committees a report that includes the  
7 information required by subsection (b)(1)(B).

8 (d) FORM.—The reports required by subsections (b)  
9 and (c) shall be submitted in unclassified form, but may  
10 contain a classified annex.

11 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
12 FINED.—In this section, the term “appropriate congres-  
13 sional committees” means—

14 (1) the congressional defense committees (which  
15 has the meaning given the term in section  
16 101(a)(16) of title 10, United States Code);

17 (2) the Committee on Foreign Affairs and the  
18 Permanent Select Committee on Intelligence of the  
19 House of Representatives; and

20 (3) the Committee on Foreign Relations and  
21 the Select Committee on Intelligence of the Senate.

1 **SEC. 1254. [LOG 71441] RULE OF CONSTRUCTION RELATING**  
2 **TO USE OF MILITARY FORCE.**

3 Nothing in this Act or any amendment made by this  
4 Act may be construed to authorize the use of military  
5 force.



1 **SEC. 1301. [LOG 71418] FUNDING ALLOCATIONS; SPECIFICA-**  
2 **TION OF COOPERATIVE THREAT REDUCTION**  
3 **FUNDS.**

4 (a) FUNDING ALLOCATION.—Of the \$373,690,000  
5 authorized to be appropriated to the Department of De-  
6 fense for fiscal year 2021 in section 301 and made avail-  
7 able by the funding table in division D for the Department  
8 of Defense Cooperative Threat Reduction Program estab-  
9 lished under section 1321 of the Department of Defense  
10 Cooperative Threat Reduction Act (50 U.S.C. 3711), the  
11 following amounts may be obligated for the purposes spec-  
12 ified:

13 (1) For strategic offensive arms elimination,  
14 \$2,924,000.

15 (2) For chemical weapons destruction,  
16 \$12,856,000.

17 (3) For global nuclear security, \$33,919,000.

18 (4) For cooperative biological engagement,  
19 \$216,200,000.

20 (5) For proliferation prevention, \$79,869,000.

21 (6) For activities designated as Other Assess-  
22 ments/Administrative Costs, \$27,922,000.

23 (b) SPECIFICATION OF COOPERATIVE THREAT RE-  
24 Duction FUNDS.—Funds appropriated pursuant to the  
25 authorization of appropriations in section 301 and made  
26 available by the funding table in division D for the Depart-

1 ment of Defense Cooperative Threat Reduction Program  
2 shall be available for obligation for fiscal years 2021,  
3 2022, and 2023.



1       **Subtitle A—Military Programs**

2   **SEC. 1401. [LOG 70874] WORKING CAPITAL FUNDS.**

3       Funds are hereby authorized to be appropriated for  
4   fiscal year 2021 for the use of the Armed Forces and other  
5   activities and agencies of the Department of Defense for  
6   providing capital for working capital and revolving funds,  
7   as specified in the funding table in section 4501.

1 **SEC. 1402. [LOG 70875] CHEMICAL AGENTS AND MUNITIONS**

2 **DESTRUCTION, DEFENSE.**

3 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
4 are hereby authorized to be appropriated for the Depart-  
5 ment of Defense for fiscal year 2021 for expenses, not oth-  
6 erwise provided for, for Chemical Agents and Munitions  
7 Destruction, Defense, as specified in the funding table in  
8 section 4501.

9 (b) USE.—Amounts authorized to be appropriated  
10 under subsection (a) are authorized for—

11 (1) the destruction of lethal chemical agents  
12 and munitions in accordance with section 1412 of  
13 the Department of Defense Authorization Act, 1986  
14 (50 U.S.C. 1521); and

15 (2) the destruction of chemical warfare materiel  
16 of the United States that is not covered by section  
17 1412 of such Act.

1 **SEC. 1403. [LOG 70876] DRUG INTERDICTION AND**  
2 **COUNTER-DRUG ACTIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for  
4 the Department of Defense for fiscal year 2021 for ex-  
5 penses, not otherwise provided for, for Drug Interdiction  
6 and Counter-Drug Activities, Defense-wide, as specified in  
7 the funding table in section 4501.

1 **SEC. 1404. [LOG 70877] DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for  
3 the Department of Defense for fiscal year 2021 for ex-  
4 penses, not otherwise provided for, for the Office of the  
5 Inspector General of the Department of Defense, as speci-  
6 fied in the funding table in section 4501.

1 **SEC. 1405. [LOG 70878] DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for  
3 fiscal year 2021 for the Defense Health Program for use  
4 of the Armed Forces and other activities and agencies of  
5 the Department of Defense for providing for the health  
6 of eligible beneficiaries, as specified in the funding table  
7 in section 4501.

1 **SEC. 1406. [LOG 71451] NATIONAL DEFENSE SEALIFT FUND.**

2 Funds are hereby authorized to be appropriated for  
3 fiscal year 2021 for the National Defense Sealift Fund,  
4 as specified in the funding tables in section 4501.

1           **Subtitle A—Authorization of**  
2                           **Appropriations**

3 **SEC. 1501. [LOG 70879] PURPOSE.**

4           The purpose of this title is to authorize appropria-  
5 tions for the Department of Defense for fiscal year 2021  
6 to provide additional funds for overseas contingency oper-  
7 ations being carried out by the Armed Forces.

1 **SEC. 1502. [LOG 70880] PROCUREMENT.**

2 Funds are hereby authorized to be appropriated for  
3 fiscal year 2021 for procurement accounts for the Army,  
4 the Navy and the Marine Corps, the Air Force, and De-  
5 fense-wide activities, as specified in the funding table in  
6 section 4102.



1 **SEC. 1503. [LOG 70881] RESEARCH, DEVELOPMENT, TEST,**  
2 **AND EVALUATION.**

3 Funds are hereby authorized to be appropriated for  
4 fiscal year 2021 for the use of the Department of Defense  
5 for research, development, test, and evaluation, as speci-  
6 fied in the funding table in section 4202.

1 **SEC. 1504. [LOG 70882] OPERATION AND MAINTENANCE.**

2 Funds are hereby authorized to be appropriated for  
3 fiscal year 2021 for the use of the Armed Forces and other  
4 activities and agencies of the Department of Defense for  
5 expenses, not otherwise provided for, for operation and  
6 maintenance, as specified in the funding table in section  
7 4302.

1 **SEC. 1505. [LOG 708832] MILITARY PERSONNEL.**

2 Funds are hereby authorized to be appropriated for  
3 fiscal year 2021 for the use of the Armed Forces and other  
4 activities and agencies of the Department of Defense for  
5 expenses, not otherwise provided for, military personnel  
6 accounts, as specified in the funding table in section 4402.

1 **SEC. 1506. [LOG 70884] WORKING CAPITAL FUNDS.**

2 Funds are hereby authorized to be appropriated for  
3 fiscal year 2021 for the use of the Armed Forces and other  
4 activities and agencies of the Department of Defense for  
5 providing capital for working capital and revolving funds,  
6 as specified in the funding table in section 4502.

1 **SEC. 1507. [LOG 70885] DRUG INTERDICTION AND**  
2 **COUNTER-DRUG ACTIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for  
4 the Department of Defense for fiscal year 2021 for ex-  
5 penses, not otherwise provided for, for Drug Interdiction  
6 and Counter-Drug Activities, Defense-wide, as specified in  
7 the funding table in section 4502.

1 **SEC. 1508. [LOG 70886] DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for  
3 the Department of Defense for fiscal year 2021 for ex-  
4 penses, not otherwise provided for, for the Office of the  
5 Inspector General of the Department of Defense, as speci-  
6 fied in the funding table in section 4502.

1 **SEC. 1509. [LOG 70887] DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for  
3 the Department of Defense for fiscal year 2021 for ex-  
4 penses, not otherwise provided for, for the Defense Health  
5 Program, as specified in the funding table in section 4502.

1       **Subtitle B—Financial Matters**

2   **SEC. 1511. [LOG 70888] TREATMENT AS ADDITIONAL AU-**  
3                   **THORIZATIONS.**

4       The amounts authorized to be appropriated by this  
5 title are in addition to amounts otherwise authorized to  
6 be appropriated by this Act.



1 **SEC. 1512. [LOG 70889] SPECIAL TRANSFER AUTHORITY.**

2 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

3 (1) **AUTHORITY.**—Upon determination by the  
4 Secretary of Defense that such action is necessary in  
5 the national interest, the Secretary may transfer  
6 amounts of authorizations made available to the De-  
7 partment of Defense in this title for fiscal year 2021  
8 between any such authorizations for that fiscal year  
9 (or any subdivisions thereof). Amounts of authoriza-  
10 tions so transferred shall be merged with and be  
11 available for the same purposes as the authorization  
12 to which transferred.

13 (2) **LIMITATION.**—The total amount of author-  
14 izations that the Secretary may transfer under the  
15 authority of this subsection may not exceed  
16 \$2,500,000,000.

17 (b) **TERMS AND CONDITIONS.—**

18 (1) **IN GENERAL.**—Transfers under this section  
19 shall be subject to the same terms and conditions as  
20 transfers under section 1001.

21 (2) **ADDITIONAL LIMITATION ON TRANSFERS**  
22 **FROM THE NATIONAL GUARD AND RESERVE EQUIP-**  
23 **MENT.**—The authority provided by subsection (a)  
24 may not be used to transfer any amount from Na-  
25 tional Guard and Reserve Equipment.

1           (c) ADDITIONAL AUTHORITY.—The transfer author-  
2   ity provided by this section is in addition to the transfer  
3   authority provided under section 1001.

1                   **Subtitle C—Other Matters**

2   **SEC. 1521. [LOG 71019] AFGHANISTAN SECURITY FORCES**

3                   **FUND.**

4           (a) CONTINUATION OF PRIOR AUTHORITIES AND NO-  
5   TICE AND REPORTING REQUIREMENTS.—Funds available  
6   to the Department of Defense for the Afghanistan Secu-  
7   rity Forces Fund for fiscal year 2021 shall be subject to  
8   the conditions contained in—

9                   (1) subsections (b) through (f) of section 1513  
10           of the National Defense Authorization Act for Fiscal  
11           Year 2008 (Public Law 110–181; 122 Stat. 428);  
12           and

13                   (2) section 1521(d)(1) of the National Defense  
14           Authorization Act for Fiscal Year 2017 (Public Law  
15           114–328; 130 Stat. 2577) (as amended by sub-  
16           section (b)).

17           (b) EXTENSION OF PRIOR NOTICE AND REPORTING  
18   REQUIREMENTS.—Section 1521(d)(1) of the National De-  
19   fense Authorization Act for Fiscal Year 2017 (Public Law  
20   114–328; 130 Stat. 2577) is amended by striking  
21   “through January 31, 2021” and inserting “through Jan-  
22   uary 31, 2023”.

23           (c) EQUIPMENT DISPOSITION.—

24                   (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—  
25           Subject to paragraph (2), the Secretary of Defense

1        may accept equipment that is procured using  
2        amounts authorized to be appropriated for the Af-  
3        ghanistan Security Forces Fund by this Act and is  
4        intended for transfer to the security forces of the  
5        Ministry of Defense and the Ministry of the Interior  
6        of the Government of Afghanistan, but is not accept-  
7        ed by such security forces.

8            (2) CONDITIONS ON ACCEPTANCE OF EQUIP-  
9        MENT.—Before accepting any equipment under the  
10       authority provided by paragraph (1), the Com-  
11       mander of United States forces in Afghanistan shall  
12       make a determination that such equipment was pro-  
13       cured for the purpose of meeting requirements of the  
14       security forces of the Ministry of Defense and the  
15       Ministry of the Interior of the Government of Af-  
16       ghanistan, as agreed to by both the Government of  
17       Afghanistan and the Government of the United  
18       States, but is no longer required by such security  
19       forces or was damaged before transfer to such secu-  
20       rity forces.

21            (3) ELEMENTS OF DETERMINATION.—In mak-  
22       ing a determination under paragraph (2) regarding  
23       equipment, the Commander of United States forces  
24       in Afghanistan shall consider alternatives to the ac-  
25       ceptance of such equipment by the Secretary. An ex-

1 planation of each determination, including the basis  
2 for the determination and the alternatives consid-  
3 ered, shall be included in the relevant quarterly re-  
4 port required under paragraph (5).

5 (4) TREATMENT AS DEPARTMENT OF DEFENSE  
6 STOCKS.—Equipment accepted under the authority  
7 provided by paragraph (1) may be treated as stocks  
8 of the Department of Defense upon notification to  
9 the congressional defense committees of such treat-  
10 ment.

11 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-  
12 POSITION.—

13 (A) IN GENERAL.—Not later than 90 days  
14 after the date of the enactment of this Act and  
15 every 90-day period thereafter during which the  
16 authority provided by paragraph (1) is exer-  
17 cised, the Secretary shall submit to the congres-  
18 sional defense committees a report describing  
19 the equipment accepted during the period cov-  
20 ered by such report under the following:

21 (i) This subsection.

22 (ii) Section 1521(b) of the National  
23 Defense Authorization Act for Fiscal Year  
24 2017 (Public Law 114–328; 130 Stat.  
25 2575).

1 (iii) Section 1531(b) of the National  
2 Defense Authorization Act for Fiscal Year  
3 2016 (Public Law 114–92; 129 Stat.  
4 1088).

5 (iv) Section 1532(b) of the Carl Levin  
6 and Howard P. “Buck” McKeon National  
7 Defense Authorization Act for Fiscal Year  
8 2015 (Public Law 113–291; 128 Stat.  
9 3613).

10 (v) Section 1531(d) of the National  
11 Defense Authorization Act for Fiscal Year  
12 2014 (Public Law 113–66; 127 Stat. 938;  
13 10 U.S.C. 2302 note).

14 (B) ELEMENTS.—Each report under sub-  
15 paragraph (A) shall include a list of all equip-  
16 ment that was accepted during the period cov-  
17 ered by such report and treated as stocks of the  
18 Department of Defense and copies of the deter-  
19 minations made under paragraph (2), as re-  
20 quired by paragraph (3).

21 (d) SECURITY OF AFGHAN WOMEN.—

22 (1) IN GENERAL.—Of the funds available to the  
23 Department of Defense for the Afghan Security  
24 Forces Fund for fiscal year 2021, it is the goal that  
25 \$29,100,000, but in no event less than \$10,000,000,

1 shall be used for the recruitment, integration, reten-  
2 tion, training, and treatment of women in the Af-  
3 ghan National Defense and Security Forces.

4 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

5 Such programs and activities may include—

6 (A) efforts to recruit and retain women  
7 into the Afghan National Defense and Security  
8 Forces, including the special operations forces;

9 (B) programs and activities of the Direc-  
10 torate of Human Rights and Gender Integra-  
11 tion of the Ministry of Defense of Afghanistan  
12 and the Office of Human Rights, Gender and  
13 Child Rights of the Ministry of Interior of Af-  
14 ghanistan;

15 (C) development and dissemination of gen-  
16 der and human rights educational and training  
17 materials and programs within the Ministry of  
18 Defense and the Ministry of Interior of Afghan-  
19 istan;

20 (D) efforts to address harassment and vio-  
21 lence against women within the Afghan Na-  
22 tional Defense and Security Forces;

23 (E) improvements to infrastructure that  
24 address the requirements of women serving in  
25 the Afghan National Defense and Security

1 Forces, including appropriate equipment for fe-  
2 male security and police forces, and transpor-  
3 tation for policewomen to their station;

4 (F) support for Afghanistan National Po-  
5 lice Family Response Units;

6 (G) security provisions for high-profile fe-  
7 male police and military officers;

8 (H) programs to promote conflict preven-  
9 tion, management, and resolution through the  
10 meaningful participation of Afghan women in  
11 the Afghan National Defense and Security  
12 Forces, by exposing Afghan women and girls to  
13 the activities of and careers available with such  
14 forces, encouraging their interest in such ca-  
15 reers, or developing their interest and skills nec-  
16 essary for service in such forces; and

17 (I) enhancements to Afghan National De-  
18 fense and Security Forces recruitment pro-  
19 grams for targeted advertising with the goal of  
20 increasing the number of female recruits.

21 (e) ASSESSMENT OF AFGHANISTAN PROGRESS ON  
22 OBJECTIVES.—

23 (1) ASSESSMENT REQUIRED.—Not later than  
24 180 days after the date of the enactment of this Act,  
25 the Secretary of Defense shall, in consultation with



1 the Secretary of State, submit to the Committee on  
2 Armed Services and the Committee on Foreign Af-  
3 fairs of the House of Representatives and the Com-  
4 mittee on Armed Services and the Committee on  
5 Foreign Relations of the Senate an assessment de-  
6 scribing—

7 (A) the progress of the Government of the  
8 Islamic Republic of Afghanistan toward meeting  
9 shared security objectives; and

10 (B) the efforts of the Government of the  
11 Islamic Republic of Afghanistan to manage, em-  
12 ploy, and sustain the equipment and inventory  
13 provided under subsection (a).

14 (2) MATTERS TO BE INCLUDED.—In conducting  
15 the assessment required by paragraph (1), the Sec-  
16 retary of Defense shall include each of the following:

17 (A) The extent to which the Government of  
18 Afghanistan has a strategy for, and has taken  
19 steps toward, increased accountability and the  
20 reduction of corruption within the Ministry of  
21 Defense and the Ministry of Interior of Afghan-  
22 istan.

23 (B) The extent to which the capability and  
24 capacity of the Afghan National Defense and  
25 Security Forces have improved as a result of

1           Afghanistan Security Forces Fund investment,  
2           including through training, and an articulation  
3           of the metrics used to assess such improve-  
4           ments.

5           (C) The extent to which the Afghan Na-  
6           tional Defense and Security Forces have been  
7           able to increase pressure on the Taliban, al-  
8           Qaeda, the Haqqani network, the Islamic State  
9           of Iraq and Syria-Khorasan, and other terrorist  
10          organizations, including by re-taking territory,  
11          defending territory, and disrupting attacks.

12          (D) The distribution practices of the Af-  
13          ghan National Defense and Security Forces and  
14          whether the Government of Afghanistan is en-  
15          suring that supplies, equipment, and weaponry  
16          supplied by the United States are appropriately  
17          distributed to, and employed by, security forces  
18          charged with fighting the Taliban and other  
19          terrorist organizations.

20          (E) A description of—

21                  (i) the policy governing the use of Ac-  
22                  quisition and Cross Servicing Agreements  
23                  (ACSA) in Afghanistan;

1 (ii) each ACSA transaction by type,  
2 amount, and recipient for calendar year  
3 2020; and

4 (iii) for any transactions from the  
5 United States to Afghan military forces,  
6 an explanation for why such transaction  
7 was not carried out under the authorities  
8 of the Afghanistan Security Forces Fund.

9 (F) The extent to which the Government  
10 of Afghanistan has designated the appropriate  
11 staff, prioritized the development of relevant  
12 processes, and provided or requested the alloca-  
13 tion of resources necessary to support a peace  
14 and reconciliation process in Afghanistan.

15 (G) A description of the ability of the Min-  
16 istry of Defense and the Ministry of Interior of  
17 Afghanistan to manage and account for pre-  
18 viously divested equipment, including a descrip-  
19 tion of any vulnerabilities or weaknesses of the  
20 internal controls of such Ministry of Defense  
21 and Ministry of Interior and any plan in place  
22 to address shortfalls.

23 (H) A description of any significant irreg-  
24 ularities in the divestment of equipment to the  
25 Afghan National Defense and Security Forces

1 during the period beginning on May 1, 2020,  
2 and ending on May 1, 2021, including any  
3 major losses of such equipment or any inability  
4 on the part of the Afghan National Defense and  
5 Security Forces to account for equipment so  
6 procured.

7 (I) A description of the sustainment and  
8 maintenance costs required during the 5-year  
9 period beginning on the date of the enactment  
10 of this Act, for major weapons platforms pre-  
11 viously divested, and a description of the plan  
12 for the Afghan National Defense and Security  
13 Forces to maintain such platforms in the fu-  
14 ture.

15 (J) The extent to which the Government of  
16 Afghanistan is adhering to conditions for receiv-  
17 ing assistance established in annual financial  
18 commitment letters or any other bilateral agree-  
19 ments with the United States.

20 (K) The extent to which the Government  
21 of Afghanistan has made progress in achieving  
22 security sector benchmarks as outlined by the  
23 United States-Afghan Compact (commonly  
24 known as the “Kabul Compact”) and a descrip-  
25 tion of any other documents, plans, or agree-

1           ments used by the United States to measure se-  
2           curity sector progress.

3           (L) The extent to which the Government of  
4           Afghanistan or the Secretary has developed a  
5           plan to integrate former Taliban fighters into  
6           the Ministries of Defense or Interior.

7           (M) Such other factors as the Secretaries  
8           consider appropriate.

9           (3) FORM.—The assessment required by para-  
10          graph (1) shall be submitted in unclassified form,  
11          but may include a classified annex.

12          (4) WITHHOLDING OF ASSISTANCE FOR INSUF-  
13          FICIENT PROGRESS.—

14           (A) IN GENERAL.—If the Secretary of De-  
15           fense determines, in coordination with the Sec-  
16           retary of State and pursuant to the assessment  
17           under paragraph (1), that the Government of  
18           Afghanistan has made insufficient progress in  
19           the areas described in paragraph (2), the Sec-  
20           retary of Defense shall—

21           (i) withhold \$401,500,000, to be de-  
22           rived from amounts made available for as-  
23           sistance for the Afghan National Defense  
24           and Security Forces, from expenditure or  
25           obligation until the date on which the Sec-

1           retary certifies to the congressional defense  
2           committees that the Government of Af-  
3           ghanistan has made sufficient progress;  
4           and

5                   (ii) notify the congressional defense  
6           committees not later than 30 days before  
7           withholding such funds.

8           (B) WAIVER.—If the Secretary of Defense  
9           determines that withholding such assistance  
10          would impede the national security objectives of  
11          the United States by prohibiting, restricting,  
12          delaying, or otherwise limiting the provision of  
13          assistance, the Secretary may waive the with-  
14          holding requirement under subparagraph (A) if  
15          the Secretary, in coordination with the Sec-  
16          retary of State, certifies such determination to  
17          the congressional defense committees not later  
18          than 30 days before the effective date of the  
19          waiver.

20          (f) ADDITIONAL REPORTING REQUIREMENTS.—The  
21          Secretary of Defense shall include in the materials sub-  
22          mitted in support of the budget for fiscal year 2022 that  
23          is submitted by the President under section 1105(a) of  
24          title 31, United States Code, each of the following:

1           (1) The amount of funding provided in fiscal  
2           year 2020 through the Afghanistan Security Forces  
3           Fund to the Government of Afghanistan in the form  
4           of direct government-to-government assistance or on-  
5           budget assistance for the purposes of supporting any  
6           entity of such government, including the Afghan Na-  
7           tional Defense and Security Forces, the Afghan Min-  
8           istry of Interior, or the Afghan Ministry of Defense.

9           (2) The amount of funding provided and antici-  
10          pated to be provided, as of the date of the submis-  
11          sion of the materials, in fiscal year 2021 through  
12          such Fund in such form.

13          (3) To the extent the amount described in para-  
14          graph (2) exceeds the amount described in para-  
15          graph (1), an explanation as to the reason why the  
16          such amount is greater and the specific entities and  
17          purposes that were supported by such increase.



1 **SEC. 1603.[Log 71201] NATIONAL SECURITY SPACE LAUNCH**  
2 **PROGRAM.**

3 (a) PHASE TWO ACQUISITION STRATEGY.—In car-  
4 rying out the phase two acquisition strategy, the Secretary  
5 of the Air Force—

6 (1) may not change the mission performance re-  
7 quirements;

8 (2) may not change the acquisition schedule;

9 (3) may not award phase two contracts after  
10 September 30, 2024;

11 (4) shall award phase two contracts to not more  
12 than two National Security Space Launch providers;

13 (5) shall ensure that launch services are pro-  
14 cured only from National Security Space Launch  
15 providers that meet the requirements for the phase  
16 two contracts;

17 (6) not later than 180 days after the date on  
18 which phase two contracts are awarded, shall termi-  
19 nate launch service agreement contracts awarded  
20 under such phase two acquisition strategy to each  
21 National Security Space Launch provider that is not  
22 a down-selected National Security Launch provider;  
23 and

24 (7) may not increase the total amount of fund-  
25 ing included in the initial launch service agreements



1 with down-selected National Security Launch pro-  
2 viders.

3 (b) REUSABILITY.—

4 (1) CERTIFICATION.—Not later than 18 months  
5 after the date on which the Secretary determines the  
6 down-selected National Security Space Launch pro-  
7 viders, the Secretary shall certify to the appropriate  
8 congressional committees that the Secretary has  
9 completed all non-recurring design validation of pre-  
10 viously flown launch hardware for National Security  
11 Space Launch providers offering such hardware for  
12 use in phase two contracts or in future national se-  
13 curity space missions.

14 (2) REPORT.—Not later than 180 days after  
15 the date on which the Secretary determines the  
16 down-selected National Security Space Launch pro-  
17 viders, the Secretary shall submit to the appropriate  
18 congressional committees a report on the progress of  
19 the Secretary with respect to completing all non-re-  
20 curring design validation of previously flown launch  
21 hardware described in paragraph (1), including—

22 (A) a justification for any deviation from  
23 the new entrant certification guide; and

24 (B) a description of such progress with re-  
25 spect to National Security Space Launch pro-

1           viders that are not down-selected National Se-  
2           curity Space Launch providers, if applicable.

3           (c) FUNDING FOR CERTIFICATION, INFRASTRUC-  
4           TURE, AND TECHNOLOGY DEVELOPMENT.—

5           (1) AUTHORITY.—Pursuant to section 2371b of  
6           title 10, United States Code, not later than Sep-  
7           tember 30, 2021, the Secretary of the Air Force  
8           shall enter into three agreements described in para-  
9           graph (3) with National Security Space Launch pro-  
10          viders—

11           (A) to maintain competition in order to  
12           maximize the likelihood of at least three Na-  
13           tional Security Space Launch providers com-  
14           peting for phase three contracts; and

15           (B) to support innovation for national se-  
16           curity launches under phase three contracts.

17           (2) COMPETITIVE PROCEDURES.—The Sec-  
18           retary shall carry out paragraph (1) by conducting  
19           a full and open competition among all National Se-  
20           curity Space Launch providers that may submit bids  
21           for a phase three contract.

22           (3) AGREEMENTS.—An agreement described in  
23           this paragraph is an agreement that provides a Na-  
24           tional Security Space Launch provider with not

1 more than \$150,000,000 for the provider to conduct  
2 either or both of the following activities:

3 (A) Meet the certification and infrastruc-  
4 ture requirements that are—

5 (i) unique to national security space  
6 missions; and

7 (ii) necessary for a phase three con-  
8 tract.

9 (B) Develop transformational technologies  
10 in support of the national security space launch  
11 capability for phase three contracts (such as  
12 technologies regarding launch, maneuver, and  
13 transport capabilities for enhanced resiliency  
14 and security technologies, as identified in the  
15 National Security Launch Architecture study of  
16 the Space and Missile Systems Center of the  
17 Space Force).

18 (4) REPORT.—Not later than 30 days after the  
19 date on which the Secretary enters into an agree-  
20 ment under paragraph (1), the Secretary shall sub-  
21 mit to the appropriate congressional committees a  
22 report explaining how the Secretary determined the  
23 certification and infrastructure requirements and the  
24 transformational technologies covered under para-  
25 graph (3).

1 (d) BRIEFING.—Not later than December 31, 2020,  
2 the Secretary shall provide to the congressional defense  
3 committees a briefing on the progress made by the Sec-  
4 retary in ensuring that full and open competition exists  
5 for phase three contracts, including—

6 (1) a description of progress made to establish  
7 the requirements for phase three contracts, including  
8 such requirements that the Secretary determines  
9 cannot be met by the commercial market;

10 (2) whether the Secretary determines that addi-  
11 tional development funding will be necessary for  
12 such phase;

13 (3) a description of the estimated costs for the  
14 development described in subparagraphs (A) and (B)  
15 of subsection (c)(3); and

16 (4) how the Secretary will—

17 (A) ensure full and open competition for  
18 technology development for phase three con-  
19 tracts; and

20 (B) maintain competition.

21 (e) RULE OF CONSTRUCTION.—Nothing in this sec-  
22 tion may be construed to delay the award of phase two  
23 contracts.

24 (f) DEFINITIONS.—In this section:

1           (1) The term “appropriate congressional com-  
2           mittees” means—

3                   (A) the congressional defense committees;  
4                   and

5                   (B) the Permanent Select Committee on  
6           Intelligence of the House of Representatives  
7           and the Select Committee on Intelligence of the  
8           Senate.

9           (2) The term “down-selected National Security  
10          Launch provider” means a National Security Space  
11          Launch provider that the Secretary of the Air Force  
12          selected to be awarded phase two contracts.

13          (3) The term “phase three contract” means a  
14          contract awarded using competitive procedures for  
15          launch services under the National Security Space  
16          Launch program after fiscal year 2024.

17          (4) The term “phase two acquisition strategy”  
18          means the process by which the Secretary of the Air  
19          Force enters into phase two contracts during fiscal  
20          year 2020, orders launch missions during fiscal  
21          years 2020 through 2024, and carries out such  
22          launches under the National Security Space Launch  
23          program.

24          (5) The term “phase two contract” means a  
25          contract awarded during fiscal year 2020 using com-

1       petitive procedures for launch missions ordered  
2       under the National Security Space Launch program  
3       during fiscal years 2020 through 2024.

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

3     **SEC. 1611.[Log 71313] VALIDATION OF CAPABILITY RE-**  
4                   **QUIREMENTS OF NATIONAL GEOSPATIAL-IN-**  
5                   **TELLIGENCE AGENCY.**

6           Section 442 of title 10, United States Code, is  
7 amended by adding at the end the following new sub-  
8 section:

9           “(f) **VALIDATION.**—The National Geospatial-Intel-  
10 lligence Agency shall assist the Joint Chiefs of Staff, com-  
11 batant commands, and the military departments in estab-  
12 lishing, coordinating, consolidating, and validating map-  
13 ping, charting, geodetic data, and safety of navigation ca-  
14 pability requirements through a formal process governed  
15 by the Joint Staff. Consistent with validated requirements,  
16 the National Geospatial-Intelligence Agency shall provide  
17 aeronautical and nautical charts that are safe for naviga-  
18 tion, maps, books, datasets, models, and geodetic prod-  
19 ucts.”.

1 **SEC. 1612.[Log 70950] NATIONAL ACADEMIES CLIMATE SE-**  
2 **CURITY ROUNDTABLE.**

3 (a) IN GENERAL.—The Under Secretary of Defense  
4 for Intelligence and Security, in coordination with the Di-  
5 rector of National Intelligence, shall enter into a joint  
6 agreement with the Academies to create a new “National  
7 Academies Climate Security Roundtable” (in this section  
8 referred to as the “roundtable”).

9 (b) PARTICIPANTS.—The roundtable shall include—

10 (1) the members of the Climate Security Advi-  
11 sory Council established under section 120 of the  
12 National Security Act of 1947 (50 U.S.C. 3060);

13 (2) senior representatives and practitioners  
14 from Federal science agencies, elements of the intel-  
15 ligence community, and the Department of Defense,  
16 who are not members of the Council; and

17 (3) key stakeholders in the United States sci-  
18 entific enterprise, including institutions of higher  
19 education, Federal research laboratories (including  
20 the national security laboratories), industry, and  
21 nonprofit research organizations.

22 (c) PURPOSE.—The purpose of the roundtable is—

23 (1) to support the duties and responsibilities of  
24 the Climate Security Advisory Council under section  
25 120(c) of the National Security Act of 1947 (50  
26 U.S.C. 3060(c));



1           (2) to develop best practices for the exchange of  
2 data, knowledge, and expertise among elements of  
3 the intelligence community, elements of the Federal  
4 Government that are not elements of the intelligence  
5 community, and non-Federal researchers;

6           (3) to facilitate dialogue and collaboration  
7 about relevant collection and analytic priorities  
8 among participants of the roundtable with respect to  
9 climate security;

10          (4) to identify relevant gaps in the exchange of  
11 data, knowledge, or expertise among participants of  
12 the roundtable with respect to climate security, and  
13 consider viable solutions to address such gaps; and

14          (5) to provide any other assistance, resources,  
15 or capabilities that the Director of National Intel-  
16 ligence or the Under Secretary determines necessary  
17 with respect to the Council carrying out the duties  
18 and responsibilities of the Council under such sec-  
19 tion 120(c).

20          (d) MEETINGS.—The roundtable shall meet at least  
21 quarterly, in coordination with the meetings of the Climate  
22 Security Advisory Council under section 120(c)(1) of the  
23 National Security Act of 1947 (50 U.S.C. 3060(c)(1)).

24          (e) REPORTS AND BRIEFINGS.—The joint agreement  
25 under subsection (a) shall specify that—

1           (1) the roundtable shall organize workshops, on  
2           at least a biannual basis, that include both partici-  
3           pants of the roundtable and persons who are not  
4           participants, and may be conducted in classified or  
5           unclassified form in accordance with subsection (f);

6           (2) on a regular basis, the roundtable shall  
7           produce classified and unclassified reports on the  
8           topics described in subsection (c) and the activities  
9           of the roundtable, and other documents in support  
10          of the duties and responsibilities of the Climate Se-  
11          curity Advisory Council under section 120(e) of the  
12          National Security Act of 1947 (50 U.S.C. 3060(c));

13          (3) the Academies shall provide recommenda-  
14          tions by consensus to the Council on both the topics  
15          described in subsection (c) and specific topics as  
16          identified by participants of the roundtable;

17          (4) not later than March 1, 2021, and annually  
18          thereafter during the life of the roundtable, the  
19          Academies shall provide a briefing to the appropriate  
20          congressional committees on the progress and activi-  
21          ties of the roundtable; and

22          (5) not later than September 30, 2025, the  
23          Academies shall submit a final report to the appro-  
24          priate congressional committees on the activities of  
25          the roundtable.

1 (f) SECURITY CLEARANCES.—Each participant of the  
2 roundtable shall have a security clearance at the appro-  
3 priate level to carry out the duties of the participant under  
4 this section. A person who is not a participant who attends  
5 a workshop under subsection (e)(1) is not required to have  
6 a security clearance, and the roundtable shall ensure that  
7 any such workshop is held at the appropriate classified  
8 or unclassified level.

9 (g) TERMINATION.—The roundtable shall terminate  
10 on September 30, 2025.

11 (h) DEFINITIONS.—In this section:

12 (1) The term “Academies” means the National  
13 Academies of Sciences, Engineering, and Medicine.

14 (2) The term “appropriate congressional com-  
15 mittees” means—

16 (A) the Committee on Science, Space, and  
17 Technology, the Committee on Armed Services,  
18 the Committee on Foreign Affairs, and the Per-  
19 manent Select Committee on Intelligence of the  
20 House of Representatives; and

21 (B) the Committee on Commerce, Science,  
22 and Transportation, the Committee on Armed  
23 Services, the Committee on Foreign Relations,  
24 and the Select Committee on Intelligence of the  
25 Senate.

1           (3) The term “Federal science agency” means  
2           any agency or department of the Federal Govern-  
3           ment with at least \$100,000,000 in basic and ap-  
4           plied research obligations in fiscal year 2019.

5           (4) The term “intelligence community” has the  
6           meaning given that term in section 3 of the National  
7           Security Act of 1947 (50 U.S.C. 3003).

8           (5) The term “national security laboratory” has  
9           the meaning given the term in section 4002 of the  
10          Atomic Energy Defense Act (50 U.S.C. 2501).

1 **SEC. 1622.**[Log 71469] **CYBERSPACE SOLARIUM COMMIS-**  
2 **SION.**

3 Section 1652 of the John S. McCain National De-  
4 fense Authorization Act for Fiscal Year 2019 (Public Law  
5 115–232), is amended—

6 (1) in subsection (b)(1)—

7 (A) in subparagraph (A), by—

8 (i) striking clauses (i) through (iv);

9 and

10 (ii) redesignating clauses (v) through

11 (viii) as clauses (i) through (iv), respec-

12 tively; and

13 (B) in subparagraph (B)(i), by striking

14 “and who are appointed under clauses (iv)

15 through (vii) of subparagraph (A)”;

16 (2) in subsection (d)(2), by striking “Seven”

17 and inserting “Six”;

18 (3) in subsection (h), by—

19 (A) striking “(1) IN GENERAL.—(A)”;

20 (B) striking paragraph (2);

21 (4) in subsection (i)(1)(B), by striking “officers

22 or employees of the United States or”; and

23 (5) in subsection (k)(2)—

24 (A) in subparagraph (A), by striking “at

25 the end of the 120-day period beginning on”

26 and inserting “two years after”;

1 (B) in subparagraph (B), by—

2 (i) striking “may use the 120-day”  
3 and inserting “shall use the two year”;

4 (ii) striking “for the purposes of con-  
5 cluding its activities, including providing  
6 testimony to Congress concerning the final  
7 report referred to in that paragraph and  
8 disseminating the report” and inserting  
9 the following: “for the purposes of—”:

10 “(i) collecting and assessing com-  
11 ments and feedback from the Executive  
12 Branch, academia, and the public on the  
13 analysis and recommendations contained in  
14 the Commission’s report;

15 “(ii) collecting and assessing any de-  
16 velopments in cybersecurity that may af-  
17 fect the analysis and recommendations  
18 contained in the Commission’s report;

19 “(iii) reviewing the implementation of  
20 the recommendations contained in the  
21 Commission’s report;

22 “(iv) revising, amending, or making  
23 new recommendations based on the assess-  
24 ments and reviews required under clauses  
25 (i)–(iii);

1           “(v) providing an annual update to  
2           the congressional defense committees, the  
3           congressional intelligence committees, the  
4           Committee on Homeland Security of the  
5           House of Representatives, the Committee  
6           on Homeland Security and Governmental  
7           Affairs of the Senate, the Director of Na-  
8           tional Intelligence, the Secretary of De-  
9           fense, and the Secretary of Homeland Se-  
10          curity in a manner and format determined  
11          by the Commission regarding any such re-  
12          visions, amendments, or new recommenda-  
13          tions; and

14                 “(vi) concluding its activities, includ-  
15                 ing providing testimony to Congress con-  
16                 cerning the final report referred to in that  
17                 paragraph and disseminating the report.”;  
18                 and

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

21                 “(C) If the Commission is extended, and the ef-  
22                 fective date of such extension is after the date on  
23                 which the Commission terminated, the Commission  
24                 shall be deemed reconstituted with the same mem-

1       bers and powers that existed on the day before such  
2       termination date, except that—

3               “(i) a member of the Commission may  
4               serve only if the member’s position continues to  
5               be authorized under subsection (b);

6               “(ii) no compensation or entitlements re-  
7               lating to a person’s status with the Commission  
8               shall be due for the period between the termi-  
9               nation and reconstitution of the Commission;

10              “(iii) nothing in this subparagraph may be  
11              construed as requiring the extension or reem-  
12              ployment of any staff member or contractor  
13              working for the Commission;

14              “(iv) the staff of the Commission shall  
15              be—

16                      “(I) selected by the co-chairs of the  
17                      Commission in accordance with subsection  
18                      (h)(1);

19                      “(II) comprised of not more than four  
20                      individuals, including a staff director; and

21                      “(III) resourced in accordance with  
22                      subsection (g)(4)(A);

23              “(v) with the approval of the co-chairs,  
24              may be provided by contract with a nongovern-  
25              mental organization;



1           “(vi) any unexpended funds made available  
2           for the use of the Commission shall continue to  
3           be available for use for the life of the Commis-  
4           sion, as well as any additional funds appro-  
5           priated to the Department of Defense that are  
6           made available to the Commission, provided  
7           that the total such funds does not exceed  
8           \$1,000,000 from the reconstitution of the Com-  
9           mission to the completion of the Commission;  
10          and

11           “(vii) the requirement for an assessment of  
12          the final report in subsection (l) shall be up-  
13          dated to require annually for a period of two  
14          years further assessments of the Federal Gov-  
15          ernment’s responses to the Commission’s rec-  
16          ommendations contained in such final report.”.

1 **SEC. 1624.[Log 70932] RESPONSIBILITY FOR THE SECTOR**  
2 **RISK MANAGEMENT AGENCY FUNCTION OF**  
3 **THE DEPARTMENT OF DEFENSE.**

4 (a) DEFINITIONS.—

5 (1) IN GENERAL.—In this section:

6 (A) CRITICAL INFRASTRUCTURE.—The  
7 term “critical infrastructure” has the meaning  
8 given such term in section 1016(e) of the Unit-  
9 ing and Strengthening America by Providing  
10 Appropriate Tools Required to Intercept and  
11 Obstruct Terrorism (USA PATRIOT ACT) Act  
12 of 2001 (42 U.S.C. 5195c(e)).

13 (B) SECTOR RISK MANAGEMENT AGEN-  
14 CY.—The term “Sector Risk Management  
15 Agency” means a Federal department or agen-  
16 cy designated as a Sector Specific Agency under  
17 Presidential Policy Directive-21 to be respon-  
18 sible for providing institutional knowledge and  
19 specialized expertise to, as well as leading, fa-  
20 cilitating, or supporting, the security and resil-  
21 ience programs and associated activities of its  
22 designated critical infrastructure sector in the  
23 all-hazards environment.

24 (2) REFERENCE.—Any reference to a Sector-  
25 Specific Agency in any law, regulation, map, docu-  
26 ment, record, or other paper of the United States

1 shall be deemed to be a reference to the Sector Risk  
2 Management Agency of the Federal Government for  
3 the relevant critical infrastructure sector.

4 (b) DESIGNATION.—The Secretary of Defense shall  
5 designate the Principal Cyber Advisor of the Department  
6 of Defense as the lead official, and the Office of the Prin-  
7 cipal Cyber Advisor as the lead component, for the De-  
8 partment’s role and functions as the Sector Risk Manage-  
9 ment Agency for the Defense Industrial Base.

10 (c) RESPONSIBILITIES.—As the lead official for the  
11 Department of Defense’s Sector Risk Management Agency  
12 functions, the Principal Cyber Advisor of the Department  
13 shall be responsible for all activities performed by the De-  
14 partment in its support of the Defense Industrial Base,  
15 as one of the critical infrastructure sectors of the United  
16 States. Such activities shall include the following:

17 (1) Synchronization, harmonization, de-conflic-  
18 tion, and management for the execution of all De-  
19 partment programs, initiatives, efforts, and commu-  
20 nication related to the Department’s Sector Risk  
21 Management Agency function, including any Depart-  
22 ment program, initiative, or effort that addresses the  
23 cybersecurity of the Defense Industrial Base.

24 (2) Leadership and management of the Defense  
25 Industrial Base Government Coordinating Council.

1           (3) Direct interface and sponsorship of the De-  
2       fense Industrial Base Sector Coordinating Council.

3           (4) Organization of quarterly in-person meet-  
4       ings of both the Defense Industrial Base Govern-  
5       ment Coordinating Council and the Defense Indus-  
6       trial Base Sector Coordinating Council.

7       (d) ADDITIONAL FUNCTIONS.—In carrying out this  
8       section, the Principal Cyber Advisor of the Department  
9       of Defense shall—

10           (1) coordinate with relevant Federal depart-  
11       ments and agencies, and collaborate with critical in-  
12       frastructure owners and operators, where appro-  
13       priate with independent regulatory agencies, and  
14       with State, local, territorial, and Tribal entities, as  
15       appropriate;

16           (2) serve as a day-to-day Federal interface for  
17       the dynamic prioritization and coordination of sec-  
18       tor-specific activities;

19           (3) carry out incident management responsibil-  
20       ities;

21           (4) provide, support, or facilitate technical as-  
22       sistance and consultations for the Defense Industrial  
23       Base to identify cyber or physical vulnerabilities and  
24       help mitigate incidents, as appropriate; and

1           (5) support the statutorily required reporting  
2 requirements of such relevant Federal departments  
3 and agencies by providing to such departments and  
4 agencies on an annual basis sector-specific critical  
5 infrastructure information.

1           **Subtitle D—Nuclear Forces**

2   **SEC. 1641.[Log 71204] COORDINATION IN TRANSFER OF**  
3                   **FUNDS BY DEPARTMENT OF DEFENSE TO NA-**  
4                   **TIONAL NUCLEAR SECURITY ADMINISTRA-**  
5                   **TION.**

6           (a) IN GENERAL.—Section 179(f)(3) of title 10,  
7 United States Code, is amended by adding at the end the  
8 following new subparagraph:

9           “(D) The Secretary of Defense and the Secretary of  
10 Energy shall ensure that a transfer of estimated nuclear  
11 budget request authority is carried out in a manner that  
12 provides for coordination between the Secretary of De-  
13 fense and the Administrator for Nuclear Security using  
14 appropriate interagency processes during the process in  
15 which the Secretaries develop the budget materials of the  
16 Department of Defense and the National Nuclear Security  
17 Administration, including by beginning such coordination  
18 by not later than June 30 for such budget materials that  
19 will be submitted during the following year.”.

20           (b) REPORTS.—Subparagraph (B) of such section is  
21 amended by adding at the end the following new clause:

22           “(iv) A description of the total amount of the  
23 proposed estimated nuclear budget request authority  
24 to be transferred by the Secretary of Defense to the  
25 Secretary of Energy to support the weapons activi-

1       ties of the National Nuclear Security Administra-  
2       tion, including—

3               “(A) identification of any trade-offs made  
4               within the budget of the Department of Defense  
5               as part of such proposed transfer; and

6               “(B) a certification made jointly by the  
7               Secretaries that such proposed transfer was de-  
8               veloped in a manner that allowed for the coordi-  
9               nation described in subparagraph (D).”.

1 **SEC. 1702 [Log 71025]. FFRDC STUDY OF EXPLOSIVE ORD-**  
2 **NANCE DISPOSAL AGENCIES.**

3 (a) IN GENERAL.—The Secretary of Defense shall  
4 enter into an agreement with a federally funded research  
5 and development corporation under which such corpora-  
6 tion shall conduct a study of the responsibilities, authori-  
7 ties, policies, programs, resources, organization, and ac-  
8 tivities of the explosive ordnance disposal agencies of the  
9 Department of Defense, Defense Agencies, and military  
10 departments.

11 (b) ELEMENTS OF STUDY.—The study conducted  
12 under subsection (a) shall include, for the Department of  
13 Defense, each Defense Agency, and each the military de-  
14 partments, each of the following:

15 (1) An identification and evaluation of—

16 (A) technology research, development, and  
17 acquisition activities related to explosive ord-  
18 nance disposal, including an identification and  
19 evaluation of—

20 (i) current and future technology and  
21 related industrial base gaps; and

22 (ii) any technical or operational risks  
23 associated with such technology or related  
24 industrial base gaps;

25 (B) recruiting, training, education, assign-  
26 ment, promotion, and retention of military and



1 civilian personnel with responsibilities relating  
2 to explosive ordnance disposal;

3 (C) administrative and operational force  
4 structure with respect to explosive ordnance dis-  
5 posal, including an identification and assess-  
6 ment of risk associated with force structure ca-  
7 pacity or capability gaps, if any; and

8 (D) the demand for, and activities con-  
9 ducted in support of, domestic and international  
10 military explosive ordnance disposal operations,  
11 including—

12 (i) support provided to Department of  
13 Defense agencies and other Federal agen-  
14 cies; and

15 (ii) an identification and assessment  
16 of risk associated with the prioritization  
17 and availability of explosive ordnance dis-  
18 posal support among supported agencies  
19 and operations.

20 (2) Recommendations, if any, for changes to—

21 (A) the organization and distribution of re-  
22 sponsibilities and authorities relating to explo-  
23 sive ordnance disposal;

24 (B) the explosive ordnance disposal force  
25 structure, management, prioritization, and op-

1 erating concepts in support of the explosive ord-  
2 nance disposal requirements of the Armed  
3 Forces and other Federal agencies; and

4 (C) resource investment strategies and  
5 technology prioritization for explosive ordnance  
6 disposal, including science and technology,  
7 prototyping, experimentation, test and evalua-  
8 tion, and related five-year funding profiles.

9 (c) REPORT TO CONGRESS.—

10 (1) IN GENERAL.—Not later than August 31,  
11 2021, the Secretary of Defense shall submit to the  
12 congressional defense committees a report on the  
13 study conducted under subsection (a). Such report  
14 shall include the comments on the study, if any, of  
15 the Secretary of Defense, the directors of each of the  
16 Defense Agencies, and the Secretaries of each of the  
17 military departments.

18 (2) FORM OF REPORT.—The report submitted  
19 under paragraph (1) shall be submitted in unclassi-  
20 fied form, but may contain a classified annex.

1           **Subtitle B—Other Matters**

2   **SEC. 1721 [Log 71475]. TECHNICAL, CONFORMING, AND**  
3           **CLERICAL AMENDMENTS.**

4           (a) TITLE 10, UNITED STATES CODE.—Title 10,  
5 United States Code, is amended as follows:

6           (1) Section 127e(g) is amended by striking  
7 “Low-Intensity” and inserting “Low Intensity”.

8           (2) Section 142 is amended—

9           (A) by striking subsection (d); and

10           (B) by redesigning the second subsection

11           (c) as subsection (d).

12           (3) Section 192(c) is amended by striking the  
13 first paragraph (1).

14           (4) Section 231 is amended—

15           (A) in subsection (a)(1), by striking “and”  
16 after the colon;

17           (B) by striking “quadrennial defense re-  
18 view” each place it appears and inserting “na-  
19 tional defense strategy”; and

20           (C) in subsection (f)(3), by striking “sec-  
21 tion 118” and inserting “section 113(g)”.

22           (5) Section 1073c(a) is amended by redesignig-  
23 nating the second paragraph (6) as paragraph (7).

1           (6) Section 1044e is amended by striking “sub-  
2           section (h)” each place it appears and inserting  
3           “subsection (i)”.

4           (7) The table of sections at the beginning of  
5           chapter 58 is amended by striking the item relating  
6           to section 1142 and inserting the following:

          “1142. Preseparation counseling; transmittal of certain records to Department  
          of Veterans Affairs.”.

7           (8) Section 1564(c)(2) is amended in the mat-  
8           ter preceding subparagraph (A) by striking “in” and  
9           inserting “is”.

10          (9) The table of sections at the beginning of  
11          chapter 113 is amended by striking “Sec.” each  
12          place it appears, except for the first “Sec.” pre-  
13          ceding the item relating to section 2200g.

14          (10) The table of sections at the beginning of  
15          chapter 135 is amended by striking the item relating  
16          to section 2279e.

17          (11) The table of sections at the beginning of  
18          chapter 142 is amended by striking the item relating  
19          to section 2417 and inserting the following:

          “2417. Administrative and other costs.”.

20          (12) The table of sections at the beginning of  
21          chapter 152 is amended by striking the item relating  
22          to section 2568a and inserting the following:

          “2568a. Damaged personal protective equipment: award to members separating  
          from the Armed Forces and veterans.”.

1           (13) Section 2417(2) is amended by striking  
2           “entities -” and inserting “entities—”.

3           (14) Section 2641b(a)(3)(B) is amended by  
4           striking “subsection (c)(5)” and inserting “sub-  
5           section (c)(6)”.

6           (15) Section 2804(b) is amended in the third  
7           sentence by striking “; and”.

8           (16) Section 2890(e)(2) is amended by insert-  
9           ing “a” before “landlord” in the matter preceding  
10          subparagraph (A).

11          (17) Section 2891(e)(1) is amended—

12                (A) by inserting “unit” after “housing”  
13                the third place it appears; and

14                (B) in subparagraph (B), by inserting  
15                “the” before “tenant”.

16          (18) Section 2891a is amended—

17                (A) in subsection (b), by adding a period  
18                at the end of paragraph (2); and

19                (B) in subsection (e)(2)(B), by striking  
20                “the” before “any basic”.

21          (19) Section 2894(e)(3) is amended by insert-  
22                ing “, the office” after “installation housing man-  
23                agement office”.

24          (b) TITLE 38, UNITED STATES CODE.—Section  
25          1967(a)(3)(D) of title 38, United States Code, is amended

1 in the matter preceding clause (i) by inserting a comma  
2 after “theater of operations”.

3 (c) NDAA FOR FISCAL YEAR 2019.—Effective as of  
4 August 13, 2018, and as if included therein as enacted,  
5 the John S. McCain National Defense Authorization Act  
6 for Fiscal Year 2019 (Public Law 115–232) is amended  
7 as follows:

8 (1) Section 226(b)(3)(C) (132 Stat. 1686) is  
9 amended by striking “commercial-off the-shelf” and  
10 inserting “commercially available off-the-shelf items  
11 (as defined in section 104 of title 41, United States  
12 Code) that may serve as”.

13 (2) Section 809(b)(3) (132 Stat. 1840) is  
14 amended by striking “Section 598(d)(4) of the Na-  
15 tional Defense Authorization Act of for Fiscal Year  
16 2010 (Public Law 111–84; 10 U.S.C. 1561 note)”  
17 and inserting “Section 563(d)(4) of the Duncan  
18 Hunter National Defense Authorization Act for Fis-  
19 cal Year 2009 (Public Law 110–417; 10 U.S.C.  
20 1561 note)”.

21 (3) Section 836(a)(2)(B) (132 Stat. 1860) is  
22 amended by inserting “of such title” after “Section  
23 104(1)(A)”.

1           (4) Section 836(e)(8) is amended by striking  
2           subparagraphs (A) and (B) and inserting the fol-  
3           lowing new subparagraphs:

4                     “(A) by striking ‘commercial items’ and in-  
5                     serting ‘commercial products’; and

6                     “(B) by striking ‘the item’ both places it  
7                     appears and inserting ‘commercial product’.”.

8           (5) Section 889(f) (132 Stat. 1918) is amended  
9           by striking “appropriate congressional committees’ ”  
10          and inserting “appropriate congressional commit-  
11          tees”.

12          (6) Section 1286(e)(2)(D) (10 U.S.C. 2358  
13          note; 132 Stat. 2080) is amended by striking “im-  
14          prove” and inserting “improved”.

15          (7) Section 1757(a) (50 U.S.C. 4816; 132 Stat.  
16          2218) is amended by inserting “to persons” before  
17          “who are potential”.

18          (8) Section 1759(a)(2) (50 U.S.C. 4818; 132  
19          Stat. 2223) is amended by striking the semicolon at  
20          the end and inserting a period.

21          (9) Section 1763(c) (50 U.S.C. 4822; 132 Stat.  
22          2231) is amended by striking “December 5, 1991”  
23          and inserting “December 5, 1995”.

1           (10) Section 1773(b)(1) (50 U.S.C. 4842; 132  
2 Stat. 2235) is amended by striking “section  
3 1752(1)(D)” and inserting “section 1752(2)(D)”.

4           (11) Section 1774(a) (50 U.S.C. 4843; 132  
5 Stat. 2237) is amended in the matter preceding  
6 paragraph (1) by inserting “under” before “section  
7 1773”.

8           (12) Section 2827(b)(1) (132 Stat. 2270) is  
9 amended by inserting “in the matter preceding the  
10 paragraphs” after “amended”.

11       (d) NDAA FOR FISCAL YEAR 2016.—Effective as of  
12 December 23, 2016, and as if included therein as enacted,  
13 section 856(a)(1) the National Defense Authorization Act  
14 for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C.  
15 2377 note) is amended by inserting “United States Code,”  
16 after “title 41,”.

17       (e) COORDINATION WITH OTHER AMENDMENTS  
18 MADE BY THIS ACT.—For purposes of applying amend-  
19 ments made by provisions of this Act other than this sec-  
20 tion, the amendments made by this section shall be treated  
21 as having been enacted immediately before any such  
22 amendments by other provisions of this Act.



1 **SEC. 1722 [Log 71036]. QUARTERLY BRIEFINGS ON JOINT**  
2 **ALL DOMAIN COMMAND AND CONTROL CON-**  
3 **CEPT.**

4 (a) IN GENERAL.—During the period beginning on  
5 October 1, 2020, and ending on October 1, 2022, the Di-  
6 rector of the Joint All Domain Command and Control (in  
7 this section referred to as “JADC2”) Cross Functional  
8 Team (in this section referred to as “CFT”), in consulta-  
9 tion with the Vice Chairman of the Joint Chiefs of Staff  
10 and Chief Information Officer of the Department of De-  
11 fense, shall provide to the Committee on Armed Services  
12 of the House of Representatives quarterly briefings on the  
13 progress of the Department’s Joint All Domain Command  
14 and Control concept.

15 (b) ELEMENTS.—Each briefing under subsection (a)  
16 shall include, with respect to the JADC2 concept, the fol-  
17 lowing elements:

18 (1) The status of the joint concept of command  
19 and control.

20 (2) How the JADC2 CFT is identifying gaps  
21 and addressing validated requirements based on the  
22 joint concept of command and control.

23 (3) Progress in developing specific plans to  
24 evaluate and implement materiel and non-materiel  
25 improvements to command and control capabilities.

1           (4) Clarification on distribution of responsibil-  
2           ities and authorities within the CFT and the Office  
3           of the Secretary of Defense with respect to JADC2,  
4           and how the CFT and the Office of the Secretary  
5           of Defense are synchronizing and aligning with joint  
6           and military concepts, solutions, experimentation,  
7           and exercises.

8           (5) The status of and review of any rec-  
9           ommendations for resource allocation necessary to  
10          achieve operational JADC2.

11          (6) A sufficiency assessment of planned funding  
12          across the future years defense program for the de-  
13          velopment of JADC2 capabilities.

1     **Subtitle A—Military Construction**  
2                     **Program Changes**

3     **SEC. 2801 [Log71081]. MODIFICATION AND CLARIFICATION**  
4                     **OF CONSTRUCTION AUTHORITY IN THE**  
5                     **EVENT OF A DECLARATION OF WAR OR NA-**  
6                     **TIONAL EMERGENCY.**

7             (a) LIMITATION ON AMOUNT OF FUNDS AVAILABLE  
8 FOR NATIONAL EMERGENCY.—Section 2808 of title 10,  
9 United States Code, is amended—

10                 (1) by redesignating subsections (b) and (c) as  
11 subsections (e) and (f), respectively; and

12                 (2) by inserting after subsection (a) the fol-  
13 lowing new subsection:

14             “(c) LIMITATION ON AMOUNT OF FUNDS AVAILABLE  
15 FOR NATIONAL EMERGENCY.—(1) Except as provided in  
16 paragraph (2), in the event of a declaration by the Presi-  
17 dent of a national emergency in which the construction  
18 authority described in subsection (a) is used, the total cost  
19 of all military construction projects undertaken using that  
20 authority during the national emergency may not exceed  
21 \$500,000,000.

22             “(2) In the event of a national emergency declaration  
23 in which the construction authority described in subsection  
24 (a) will be used only within the United States, the total  
25 cost of all military construction projects undertaken using

1 that authority during the national emergency may not ex-  
2 ceed \$100,000,000.”.

3 (b) ADDITIONAL CONDITIONS ON SOURCE OF  
4 FUNDS.—Section 2808(a) of title 10, United States Code,  
5 is amended by striking the second sentence and inserting  
6 the following new subsection:

7 “(b) CONDITIONS ON SOURCES OF FUNDS.—A mili-  
8 tary construction project to be undertaken using the con-  
9 struction authority described in subsection (a) may be un-  
10 dertaken only within the total amount of funds that have  
11 been appropriated for military construction, including  
12 funds appropriated for family housing, that—

13 “(1) remain unobligated as of the date on  
14 which the first contract would be entered into in  
15 connection with that military construction project  
16 undertaken using such authority; and

17 “(2) are available because the military construc-  
18 tion project for which the funds were appropriated—

19 “(A) has been canceled; or

20 “(B) has reduced costs as a result of  
21 project modifications or other cost savings.”.

22 (c) WAIVER OF OTHER PROVISIONS OF LAW.—Sec-  
23 tion 2808 of title 10, United States Code, is amended by  
24 inserting after subsection (c), as added by subsection (a),  
25 the following new subsection:

1           “(d) WAIVER OF OTHER PROVISIONS OF LAW IN  
2 EVENT OF NATIONAL EMERGENCY.—In the event of a  
3 declaration by the President of a national emergency in  
4 which the construction authority described in subsection  
5 (a) is used, the authority provided by such subsection to  
6 waive or disregard another provision of law that would  
7 otherwise apply to a military construction project author-  
8 ized by this section may be used only if—

9           “(1) such other provision of law does not pro-  
10       vide a means by which compliance with the require-  
11       ments of the law may be waived, modified, or expe-  
12       dited; and

13           “(2) the Secretary of Defense determines that  
14       the nature of the national emergency necessitates  
15       the noncompliance with the requirements of the  
16       law.”.

17       (d) ADDITIONAL NOTIFICATION REQUIREMENTS.—  
18 Subsection (e) of section 2808 of title 10, United States  
19 Code, as redesignated by subsection (a)(1), is amended—

20           (1) by striking “of the decision” and all that  
21       follows through the end of the subsection and insert-  
22       ing the following: “of the following:

23           “(A) The reasons for the decision to use the  
24       construction authority described in subsection (a),  
25       including, in the event of a declaration by the Presi-

1       dent of a national emergency, the reasons why use  
2       of the armed forces is required in response to the  
3       declared national emergency.

4               “(B) The construction projects to be under-  
5       taken using the construction authority described in  
6       subsection (a), including, in the event of a declara-  
7       tion by the President of a national emergency, an  
8       explanation of how each construction project directly  
9       supports the immediate security, logistical, or short-  
10      term housing and ancillary supporting facility needs  
11      of the members of the armed forces used in the na-  
12      tional emergency.

13              “(C) The estimated cost of the construction  
14      projects to be undertaken using the construction au-  
15      thority described in subsection (a), including the  
16      cost of any real estate action pertaining to the con-  
17      struction projects, and certification of compliance  
18      with the funding conditions imposed by subsections  
19      (b) and (c).

20              “(D) Any determination made pursuant to sub-  
21      section (d)(2) to waive or disregard another provi-  
22      sion of law to undertake any construction project  
23      using the construction authority described in sub-  
24      section (a).

1           “(E) The military construction projects, includ-  
2           ing any military family housing and ancillary sup-  
3           porting facility projects, whose cancellation, modi-  
4           fication, or other cost savings result in funds being  
5           available to undertake construction projects using  
6           the construction authority described in subsection  
7           (a) and the possible impact of the cancellation or  
8           modification of such military construction projects  
9           on military readiness and the quality of life of mem-  
10          bers of the armed forces and their dependents.”; and

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

13          “(2) In the event of a declaration by the President  
14          of a national emergency in which the construction author-  
15          ity described in subsection (a) is used, a construction  
16          project to be undertaken using such construction authority  
17          may be carried out only after the end of the five-day pe-  
18          riod beginning on the date the notification required by  
19          paragraph (1) is received by the appropriate committees  
20          of Congress.”.

21          (e) CLERICAL AMENDMENTS.—Section 2808 of title  
22          10, United States Code, is further amended—

23                 (1) in subsection (a), by inserting “CONSTRUC-  
24                 TION AUTHORIZED.—” after “(a)”;

1           (2) in subsection (e), as redesignated by sub-  
2           section (a)(1), by inserting “NOTIFICATION RE-  
3           QUIREMENT.—(1)” after “(e)”; and

4           (3) in subsection (f), as redesignated by sub-  
5           section (a)(1), by inserting “TERMINATION OF AU-  
6           THORITY.—” after “(f)”.

7           (f) EXCEPTION FOR PANDEMIC MITIGATION AND RE-  
8           SPONSE PROJECTS.—Subsections (b), (c), (d) of section  
9           2808 of title 10, United States Code, as added by this  
10          section, shall not apply to a military construction project  
11          commenced under the authority of subsection (a) of such  
12          section 2808 during the emergency period described in  
13          section 1135(g)(1)(B) of the Social Security Act (42  
14          U.S.C. 1320b–5(g)(1)(B)) if the Secretary of Defense de-  
15          termines that the military construction project will directly  
16          support pandemic mitigation and response efforts of  
17          health care providers or support members of the Armed  
18          Forces directly participating in such pandemic mitigation  
19          and response efforts. Subsection (e) of section 2808 of  
20          title 10, United States Code, as redesignated by subsection  
21          (a)(1) and amended by subsection (d) of this section, shall  
22          still apply to any such military construction project.



1                   **Subtitle E—Military Land**  
2                   **Withdrawals**

3   **SEC. 2841 [Log70851]. RENEWAL OF LAND WITHDRAWAL AND**  
4                   **RESERVATION TO BENEFIT NAVAL AIR FACIL-**  
5                   **ITY, EL CENTRO, CALIFORNIA.**

6           Section 2925 of the El Centro Naval Air Facility  
7 Ranges Withdrawal Act (subtitle B of title XXIX of Public  
8 Law 104–201; 110 Stat. 2816) is amended by striking  
9 “25 years after the date of the enactment of this subtitle”  
10 and inserting “on November 6, 2046”.

1 **SEC. 2842 [Log 70809]. RENEWAL OF FALLON RANGE TRAIN-**  
2 **ING COMPLEX LAND WITHDRAWAL AND RES-**  
3 **ERVATION.**

4 Notwithstanding section 3015 of the Military Lands  
5 Withdrawal Act of 1999 (title XXX of Public Law 106–  
6 65; 113 Stat. 892), the withdrawal and reservation of  
7 lands (known as the Fallon Range Training Complex)  
8 made by section 3011(a) of such Act (113 Stat. 885) shall  
9 terminate on November 6, 2046.

1 **SEC. 2843 [Log 70808]. RENEWAL OF NEVADA TEST AND**  
2 **TRAINING RANGE LAND WITHDRAWAL AND**  
3 **RESERVATION.**

4 Notwithstanding section 3015 of the Military Lands  
5 Withdrawal Act of 1999 (title XXX of Public Law 106–  
6 65; 113 Stat. 892), the withdrawal and reservation of  
7 lands (known as the Nevada Test and Training Range)  
8 made by section 3011(b) of such Act (113 Stat. 886) shall  
9 terminate on November 6, 2046.

1 **SEC. 2844 [Log71047]. SPECIFIED DURATION OF WHITE**  
2 **SANDS MISSILE RANGE LAND WITHDRAWAL**  
3 **AND RESERVATION AND RESERVATION OF**  
4 **AIRSPACE FOR NORTHERN AND WESTERN**  
5 **EXTENSION AREAS.**

6 (a) DURATION OF LAND WITHDRAWAL AND RES-  
7 ERVATION.—The withdrawal and reservation of lands  
8 (known as the White Sands Missile Range) made by sec-  
9 tion 2951 of the Military Land Withdrawals Act of 2013  
10 (title XXIX of Public Law 113–66; 127 Stat. 1039), and  
11 the special airspace reservation made by this section, shall  
12 terminate on October 1, 2046.

13 (b) AIRSPACE RESERVATION AREA.—

14 (1) RESERVATION.—The airspace of the air-  
15 space reservation area, excluding the portion of the  
16 airspace reservation area under the administrative  
17 jurisdiction of the Secretary of the Army, is reserved  
18 for use by the Secretary of the Army for military  
19 purposes consisting of overflight research, develop-  
20 ment, test, and evaluation and training.

21 (2) ARMY LANDS.—The portion of the airspace  
22 reservation area under the administrative jurisdic-  
23 tion of the Secretary of the Army is reserved for use  
24 by the Secretary of the Army for military purposes  
25 as determined by the Secretary of the Army.

1           (c) DESCRIPTION OF AIRSPACE.—For purposes of  
2 applying the reservation made by subsection (b), the air-  
3 space of the airspace reservation area is deemed to begin  
4 50 feet above the surface estate of the lands included in  
5 the airspace reservation area.

6           (d) EXCEPTION FROM HEIGHT RESTRICTIONS.—The  
7 Secretary of the Army may permit, on a case-by-case  
8 basis, the erection into the airspace of the airspace res-  
9 ervation area of a structure that extends higher than 50  
10 feet in height above the surface estate.

11           (e) MAPS AND LEGAL DESCRIPTIONS.—Section 3012  
12 of the Military Land Withdrawals Act of 2013 (title XXIX  
13 of Public Law 113–66; 127 Stat. 1026) shall apply with  
14 respect to the maps referred to in subsection (a) and the  
15 preparation of legal descriptions of the airspace reserva-  
16 tion area, except that the reference to the date of the en-  
17 actment of that Act shall be deemed to refer to the date  
18 of the enactment of this Act.

19           (f) RULE OF CONSTRUCTION REGARDING EXISTING  
20 AGREEMENTS.—The reservation of the airspace reserva-  
21 tion area made by subsection (b) shall not be construed  
22 to alter the terms, operation, or duration of any agreement  
23 entered into before the date of the enactment of this Act  
24 by the Secretary of the Army or the Secretary of the Inte-  
25 rior involving any portion of the lands included in the air-

1 space reservation area, and the Secretaries shall continue  
2 to comply with the terms of any such agreement.

3 (g) AIRSPACE RESERVATION AREA DEFINED.—In  
4 this section, the term “airspace reservation area” means  
5 the approximately 341,415 acres of public land (including  
6 interests in land) in Socorro and Torrance Counties, New  
7 Mexico, and the approximately 352,115 acres of public  
8 land (including interests in land) in Sierra, Socorro, and  
9 Doña Ana Counties, New Mexico, depicted as Northern  
10 Call-Up Area and Western Call-Up Area, respectively, on  
11 the maps entitled “WSMR Northern Call-Up Area” and  
12 “WSMR Western Call-Up Area”, both dated August 16,  
13 2016. These lands include approximately 10,775 acres  
14 under the administrative jurisdiction of the Secretary of  
15 the Army.

1           **Subtitle A—National Security**  
2           **Programs and Authorizations**

3   **SEC. 3101.**[Log 71324] **NATIONAL NUCLEAR SECURITY AD-**  
4                           **MINISTRATION.**

5           (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
6 are hereby authorized to be appropriated to the Depart-  
7 ment of Energy for fiscal year 2021 for the activities of  
8 the National Nuclear Security Administration in carrying  
9 out programs as specified in the funding table in section  
10 4701.

11          (b) **AUTHORIZATION OF NEW PLANT PROJECTS.**—  
12 From funds referred to in subsection (a) that are available  
13 for carrying out plant projects, the Secretary of Energy  
14 may carry out new plant projects for the National Nuclear  
15 Security Administration as follows:

16                   Project 21–D–510, High Explosive Synthesis,  
17                   Formulation, and Production facility, Pantex Plant,  
18                   Amarillo, Texas, \$177,395,000.

19                   Project 21–D–511, Savannah River Plutonium  
20                   Processing Facility, Savannah River Site, Aiken,  
21                   South Carolina, \$241,896,000.

22                   Project 21–D–512, Plutonium Pit Production  
23                   Project, Los Alamos National Laboratory, Los Ala-  
24                   mos, New Mexico, \$116,900,000 for planning and  
25                   design and \$79,100,000 for construction.

1           Project 21–D–530, Steam and Condensate Up-  
2           grade, Knolls Atomic Power Laboratory, Scheneec-  
3           tady, New York, \$50,200,000.

4           General Purpose Project, TA–15 Dual-Axis Ra-  
5           diographic Hydrodynamic Test facility, Hydro Vessel  
6           Repair facility, Los Alamos National Laboratory,  
7           Los Alamos, New Mexico, \$16,491,000.

8           General Purpose Project, U1a.03 Test Bed Fa-  
9           cility Improvements, Nevada National Security Site,  
10          Mercury, Nevada, \$16,000,000.



1 **SEC. 3102.[Log 71329] DEFENSE ENVIRONMENTAL CLEAN-**  
2 **UP.**

3 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
4 are hereby authorized to be appropriated to the Depart-  
5 ment of Energy for fiscal year 2021 for defense environ-  
6 mental cleanup activities in carrying out programs as  
7 specified in the funding table in section 4701.

8 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—  
9 From funds referred to in subsection (a) that are available  
10 for carrying out plant projects, the Secretary of Energy  
11 may carry out, for defense environmental cleanup activi-  
12 ties, the following new plant projects:

13 Project 21–D–401, Hoisting Capability Project,  
14 Waste Isolation Pilot Plant, Carlsbad, New Mexico,  
15 \$10,000,000.

1 **SEC. 3103.[Log 71327] OTHER DEFENSE ACTIVITIES.**

2 Funds are hereby authorized to be appropriated to  
3 the Department of Energy for fiscal year 2021 for other  
4 defense activities in carrying out programs as specified in  
5 the funding table in section 4701.

1 **SEC. 3104.[Log 71328] NUCLEAR ENERGY.**

2 Funds are hereby authorized to be appropriated to  
3 the Department of Energy for fiscal year 2021 for nuclear  
4 energy as specified in the funding table in section 4701.

1 **Subtitle B—Program Authoriza-**  
2 **tions, Restrictions, Limitations,**  
3 **and Other Matters**

4 **SEC. 3111.[Log 71255] UNCONSTED AND UNOBLIGATED**  
5 **AMOUNTS OF NATIONAL NUCLEAR SECURITY**  
6 **ADMINISTRATION.**

7 Section 3251(b) of the National Nuclear Security Ad-  
8 ministration Act (50 U.S.C. 2451(b)) is amended by add-  
9 ing at the end the following new paragraph:

10 “(3) In the budget justification materials for each of  
11 fiscal years 2022 through 2026 submitted to Congress in  
12 support of each such budget, the Administrator shall in-  
13 clude a detailed description of the uncosted and unobli-  
14 gated amounts that the Administrator maintains, listed by  
15 the year for which the amounts were appropriated, includ-  
16 ing—

17 “(A) the gross uncosted and unobligated  
18 amounts for each individual program element (using  
19 thresholds specified in the report submitted by the  
20 Secretary of Energy to Congress titled ‘Report on  
21 Uncosted Balances for Fiscal Year Ended Sep-  
22 tember 30, 2014’); and

23 “(B) an explanation for why the uncosted and  
24 unobligated amounts have not been expended.”.

1 **SEC. 3112. [LOG 71476] EXTENSION OF LIMITATION RELAT-**  
2 **ING TO RECLASSIFICATION OF HIGH-LEVEL**  
3 **WASTE.**

4 Section 3121 of the National Defense Authorization  
5 Act for Fiscal Year 2020 (Public Law 116–92; 133 Stat.  
6 1953) is amended by striking “fiscal year 2020” and in-  
7 serting “fiscal year 2020 or fiscal year 2021”.

1 **SEC. 3113.[Log 71444] INDEPENDENT STUDY ON EFFECTS**  
2 **OF USE OF NUCLEAR WEAPONS.**

3 (a) STUDY.—The Administrator for Nuclear Security  
4 shall seek to enter into an agreement with the National  
5 Academies of Sciences, Engineering, and Medicine under  
6 which the National Academies conduct a study on the at-  
7 mospheric effects of nuclear explosions.

8 (b) MATTERS INCLUDED.—The study under sub-  
9 section (a) shall include the following:

10 (1) An evaluation of the non-fallout atmos-  
11 pheric effects of likely and plausible scenarios for  
12 nuclear war, ranging from relatively small, regional  
13 exchanges to large exchanges associated with nuclear  
14 war between major powers.

15 (2) An examination of the effects evaluated  
16 under paragraph (1) by—

17 (A) the yield, type, and number of nuclear  
18 weapons;

19 (B) the types and locations of targets;

20 (C) the time distribution of the explosions;

21 (D) the atmospheric conditions; and

22 (E) other factors that may have a signifi-  
23 cant impact on the effects.

24 (3) An assessment of current models of nuclear  
25 explosions, including with respect to—

26 (A) the fires such explosions may cause;

1 (B) the atmospheric transport of the gases  
2 from such explosions;

3 (C) the radioactive material from such ex-  
4 plosions; and

5 (D) the soot and other debris from such  
6 explosions and fires, the atmospheric effects of  
7 such soot and debris, and the consequences of  
8 such effects, including the consequences relating  
9 to extreme weather, air pollution, stratospheric  
10 ozone, agriculture, and marine and terrestrial  
11 ecosystems.

12 (4) Identification of the capabilities and limita-  
13 tions of the models described in paragraph (3) for  
14 assessing the impacts of nuclear war, including—

15 (A) an evaluation of the relevant uncer-  
16 tainties;

17 (B) a highlight of the key data gaps; and

18 (C) recommendations for how such models  
19 can be improved to inform decision making.

20 (c) REPORT.—

21 (1) IN GENERAL.—Not later than 18 months  
22 after the date of the enactment of this Act, the Na-  
23 tional Academies shall submit to the Administrator  
24 for National Security and the congressional defense

1 committees a report on the study under subsection  
2 (a).

3 (2) FORM.—The report under paragraph (1)  
4 shall be submitted in unclassified form, but may in-  
5 clude a classified annex.

6 (d) INFORMATION.—The Secretary of Defense shall  
7 provide to the National Academies the information of the  
8 Department of Defense necessary for the National Acad-  
9 emies to conduct the study under subsection (a), including  
10 information relating to relevant scenarios described in sub-  
11 section (b).



1 **SEC. 3114.[Log 71252] REPORTS ON DIVERSITY OF CERTAIN**  
2 **CONTRACTOR EMPLOYEES OF NATIONAL NU-**  
3 **CLEAR SECURITY ADMINISTRATION.**

4 (a) ANNUAL REPORTS.—Not later than December  
5 31, 2020, and each year thereafter through 2022, the Ad-  
6 ministrator for Nuclear Security shall submit to the con-  
7 gressional defense committees a report on the diversity of  
8 contractor employees of the National Nuclear Security Ad-  
9 ministration.

10 (b) MATTERS INCLUDED.—Subject to subsection (c),  
11 each report under subsection (a) shall include, for each  
12 covered element of the Administration, the following:

13 (1) With respect to the fiscal year covered by  
14 the report and the previous fiscal year, demographic  
15 data of—

16 (A) the contractor employees of the cov-  
17 ered element;

18 (B) the contractor employees hired at the  
19 covered element during each such year; and

20 (C) the contractor employees of the cov-  
21 ered element who voluntarily separated during  
22 each such year.

23 (2) A breakdown of the data under paragraph  
24 (1) by each position in the common occupational  
25 classification system.

1           (3) A description of the plan to increase diver-  
2           sity at the covered element, and how such plan re-  
3           sponds to any trends identified with respect to the  
4           data under paragraph (1).

5           (4) An identification of the official of the cov-  
6           ered element responsible for implementing such plan  
7           and a description of how the person determines  
8           whether the covered element is meeting the goals of  
9           the plan.

10          (5) A description of the training resources re-  
11          lating to diversity, equality, and inclusion are avail-  
12          able to contractor employees of the covered element  
13          with hiring authority, and an identification of how  
14          many such contractor employees have been trained.

15          (c) DATA.—The Administrator shall carry out this  
16          section using data that is—

17                (1) otherwise available to the Administrator and  
18                to the management and operating contractors of the  
19                nuclear security enterprise; and

20                (2) collected in accordance with applicable regu-  
21                lations of the Equal Employment Opportunity Com-  
22                mission, regulations of the Office of Federal Con-  
23                tract Compliance Programs of the Department of  
24                Labor, and applicable provisions of Federal law on  
25                privacy.

1 (d) PUBLICATION.—The Administrator shall make  
2 publicly available on the internet website of the Depart-  
3 ment of Energy each report under subsection (a), subject  
4 to the regulations and Federal law specified in subsection  
5 (c)(2).

6 (e) DEFINITIONS.—In this section:

7 (1) The term “contractor employee” means an  
8 employee of a management and operating contractor  
9 of the nuclear security enterprise.

10 (2) The term “covered element” means each  
11 national security laboratory and nuclear weapons  
12 production facility (as such terms are defined in sec-  
13 tion 3281 of the National Nuclear Security Adminis-  
14 tration Act (50 U.S.C. 2471)).

15 (3) The term “nuclear security enterprise” has  
16 the meaning that term in section 3281 of the Na-  
17 tional Nuclear Security Administration Act (50  
18 U.S.C. 2471)).

1 **SEC. 3201.[Log 71323] AUTHORIZATION.**

2       There are authorized to be appropriated for fiscal  
3 year 2021, \$28,836,000 for the operation of the Defense  
4 Nuclear Facilities Safety Board under chapter 21 of the  
5 Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

1                   **Subtitle A—Maritime**  
2                   **Administration**

3 **SEC. 3501 [Log 71156]. AUTHORIZATION OF THE MARITIME**  
4                   **ADMINISTRATION.**

5           (a) FISCAL YEAR 2021 AUTHORIZATION.—There are  
6 authorized to be appropriated to the Department of  
7 Transportation for fiscal year 2021, to be available with-  
8 out fiscal year limitation if so provided in appropriations  
9 Acts, for programs associated with maintaining the United  
10 States merchant marine, the following amounts:

11                   (1) For expenses necessary for operations of the  
12 United States Merchant Marine Academy,  
13 \$81,944,000, of which—

14                           (A) \$76,444,000 shall be for Academy op-  
15 erations; and

16                           (B) \$5,500,000 shall remain available until  
17 expended for capital asset management at the  
18 Academy.

19           (2) For expenses necessary to support the State  
20 maritime academies, \$37,700,000, of which—

21                           (A) \$2,400,000 shall remain available until  
22 September 30, 2021, for the Student Incentive  
23 Program; and

1 (B) \$30,500,000 shall remain available  
2 until expended for maintenance and repair of  
3 State maritime academy training vessels.

4 (3) For expenses necessary to support the Na-  
5 tional Security Multi-Mission Vessel Program,  
6 \$388,815,000, which shall remain available until ex-  
7 pended.

8 (4) For expenses necessary to support Maritime  
9 Administration operations and programs,  
10 \$55,853,000.

11 (5) For expenses necessary to dispose of vessels  
12 in the National Defense Reserve Fleet, \$4,200,000,  
13 which shall remain available until expended.

14 (6) For expenses necessary to maintain and  
15 preserve a United States flag merchant marine to  
16 serve the national security needs of the United  
17 States under chapter 531 of title 46, United States  
18 Code, \$494,008,000.

19 (7) For expenses necessary for the loan guar-  
20 antee program authorized under chapter 537 of title  
21 46, United States Code, \$33,000,000, of which—

22 (A) \$30,000,000 may be used for the cost  
23 (as defined in section 502(5) of the Federal  
24 Credit Reform Act of 1990 (2 U.S.C. 661a(5)))  
25 of loan guarantees under the program; and

1 (B) \$3,000,000 may be used for adminis-  
2 trative expenses relating to loan guarantee com-  
3 mitments under the program.

4 (8) For expenses necessary to provide small  
5 shipyards and maritime communities grants under  
6 section 54101 of title 46, United States Code,  
7 \$20,000,000.

8 (b) AMOUNT OF FISCAL YEAR 2021 CONTRACTOR  
9 PAYMENTS UNDER OPERATING AGREEMENTS.—Section  
10 53106(a)(1)(B) of title 46, United States Code, is amend-  
11 ed by striking “\$5,233,463” and inserting “\$8,233,463”.

12 (c) CONFORMING AMENDMENT.—Section 53111(2)  
13 of title 46, United States Code, is amended by striking  
14 “\$314,007,780” and inserting “\$494,008,000”.

1 **SEC. 3503 [Log 71581]. NONAPPLICABILITY OF REQUIRE-**  
2 **MENT RELATING TO MINIMUM NUMBER OF**  
3 **OPERATING DAYS FOR VESSELS OPERATING**  
4 **UNDER MSP OPERATING AGREEMENTS.**

5 Notwithstanding part 296 of title 46, Code of Federal  
6 Regulations, until December 31, 2020, or upon the written  
7 determination of the Secretary of Transportation until  
8 June 31, 2021, the operator of a vessel operating such  
9 vessel under an MSP Operating Agreement (as such term  
10 is defined in section 296.2 of title 46, Code of Federal  
11 Regulations)—

12 (1) shall not be required to comply with any re-  
13 quirement with respect to operating days (as such  
14 term is defined in such section) contained in such  
15 agreement; and

16 (2) shall maintain such vessel in a state of  
17 operational readiness, including through the employ-  
18 ment of the vessel's crew complement, until the ap-  
19 plicable date.



1 **DIVISION D—FUNDING TABLES**

2 **SEC. 4001 [Log 70890]. AUTHORIZATION OF AMOUNTS IN**  
3 **FUNDING TABLES.**

4 (a) IN GENERAL.—Whenever a funding table in this  
5 division specifies a dollar amount authorized for a project,  
6 program, or activity, the obligation and expenditure of the  
7 specified dollar amount for the project, program, or activ-  
8 ity is hereby authorized, subject to the availability of ap-  
9 propriations.

10 (b) MERIT-BASED DECISIONS.—A decision to com-  
11 mit, obligate, or expend funds with or to a specific entity  
12 on the basis of a dollar amount authorized pursuant to  
13 subsection (a) shall—

14 (1) be based on merit-based selection proce-  
15 dures in accordance with the requirements of sec-  
16 tions 2304(k) and 2374 of title 10, United States  
17 Code, or on competitive procedures; and

18 (2) comply with other applicable provisions of  
19 law.

20 (c) RELATIONSHIP TO TRANSFER AND PROGRAM-  
21 MING AUTHORITY.—An amount specified in the funding  
22 tables in this division may be transferred or repro-  
23 grammed under a transfer or reprogramming authority

1 provided by another provision of this Act or by other law.  
2 The transfer or reprogramming of an amount specified in  
3 such funding tables shall not count against a ceiling on  
4 such transfers or reprogrammings under section 1001 or  
5 section 1512 of this Act or any other provision of law,  
6 unless such transfer or reprogramming would move funds  
7 between appropriation accounts.

8 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This  
9 section applies to any classified annex that accompanies  
10 this Act.

11 (e) ORAL AND WRITTEN COMMUNICATIONS.—No  
12 oral or written communication concerning any amount  
13 specified in the funding tables in this division shall super-  
14 sede the requirements of this section.

1 **TITLE XLI—PROCUREMENT**

2 **SEC. 4101. PROCUREMENT.**

<b>SEC. 4101. PROCUREMENT</b> <i>(In Thousands of Dollars)</i>			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
<b>FIXED WING</b>			
002	MQ-1 UAV .....		75,000
	Additional aircraft .....		[75,000]
003	FUTURE UAS FAMILY .....	1,100	1,100
004	RQ-11 (RAVEN) .....	20,851	20,851
<b>ROTARY</b>			
007	AH-64 APACHE BLOCK IIIA REMAN .....	792,027	792,027
008	AH-64 APACHE BLOCK IIIA REMAN AP .....	169,460	169,460
011	UH-60 BLACKHAWK M MODEL (MYP) .....	742,998	725,298
	Unjustified costs .....		[-17,700]
012	UH-60 BLACKHAWK M MODEL (MYP) AP .....	87,427	87,427
013	UH-60 BLACK HAWK L AND V MODELS .....	172,797	172,797
014	CH-47 HELICOPTER .....	160,750	266,850
	Program increase .....		[136,000]
	Unjustified cost growth .....		[-29,900]
015	CH-47 HELICOPTER AP .....	18,372	47,372
	Program increase .....		[29,000]
<b>MODIFICATION OF AIRCRAFT</b>			
018	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....	7,509	7,509
019	GRAY EAGLE MODS2 .....	16,280	16,280
020	MULTI SENSOR ABN RECON (MIP) .....	35,864	35,864
021	AH-64 MODS .....	118,316	113,216
	Unjustified cost growth—M-DSA .....		[-5,100]
022	CH-47 CARGO HELICOPTER MODS (MYP) .....	15,548	15,548
023	GRCS SEMA MODS (MIP) .....	2,947	2,947
024	ARL SEMA MODS (MIP) .....	9,598	9,598
025	EMARSS SEMA MODS (MIP) .....	2,452	2,452
026	UTILITY/CARGO AIRPLANE MODS .....	13,868	13,868
027	UTILITY HELICOPTER MODS .....	25,842	25,842
028	NETWORK AND MISSION PLAN .....	77,432	77,432
029	COMMS, NAV SURVEILLANCE .....	101,355	101,355
031	AVIATION ASSURED PNT .....	54,609	54,609
032	GATM ROLLUP .....	12,180	12,180
034	UAS MODS .....	4,204	4,204
<b>GROUND SUPPORT AVIONICS</b>			
035	AIRCRAFT SURVIVABILITY EQUIPMENT .....	49,455	49,455
036	SURVIVABILITY CM .....	8,035	8,035
037	CMWS .....	10,567	10,567
038	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	237,467	237,467
<b>OTHER SUPPORT</b>			
039	AVIONICS SUPPORT EQUIPMENT .....	1,789	1,789
040	COMMON GROUND EQUIPMENT .....	17,584	17,584
041	AIRCREW INTEGRATED SYSTEMS .....	48,265	48,265
042	AIR TRAFFIC CONTROL .....	26,408	26,408
044	LAUNCHER, 2.75 ROCKET .....	2,256	2,256
045	LAUNCHER GUIDED MISSILE, LONGBOW HELLFIRE XM2 .....	8,982	8,982
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>3,074,594</b>	<b>3,261,894</b>
<b>MISSILE PROCUREMENT, ARMY</b>			
<b>SURFACE-TO-AIR MISSILE SYSTEM</b>			
002	M-SHORAD—PROCUREMENT .....	378,654	378,654
003	MSE MISSILE .....	603,188	603,188
004	PRECISION STRIKE MISSILE (PRSM) .....	49,941	42,441
	Contract delay .....		[-7,500]
005	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....	106,261	25,011
	Army identified funds excess to need .....		[-40,500]
	Funding excess to need .....		[-40,750]
<b>AIR-TO-SURFACE MISSILE SYSTEM</b>			
006	HELLFIRE SYS SUMMARY .....	91,225	91,225
007	JOINT AIR-TO-GROUND MSLS (JAGM) .....	213,397	213,397
008	LONG RANGE PRECISION MUNITION .....	45,307	45,307
<b>ANTI-TANK/ASSAULT MISSILE SYS</b>			
009	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	190,325	190,325
010	TOW 2 SYSTEM SUMMARY .....	121,074	121,074
011	GUIDED MLRS ROCKET (GMLRS) .....	850,157	850,157
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....	30,836	30,836
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....	41,226	41,226
<b>MODIFICATIONS</b>			
016	PATRIOT MODS .....	278,050	278,050
017	ATACMS MODS .....	141,690	141,690
020	AVENGER MODS .....	13,942	13,942

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
021	ITAS/TOW MODS .....	5,666	5,666
022	MLRS MODS .....	310,419	310,419
023	HIMARS MODIFICATIONS .....	6,081	6,081
	<b>SPARES AND REPAIR PARTS</b>		
024	SPARES AND REPAIR PARTS .....	5,090	5,090
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
025	AIR DEFENSE TARGETS .....	8,978	8,978
	<b>TOTAL MISSILE PROCUREMENT, ARMY .....</b>	<b>3,491,507</b>	<b>3,402,757</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	192,971	112,971
	Prior year carry-over .....		[-80,000]
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
004	STRYKER UPGRADE .....	847,212	1,183,052
	CROWS-J program delay .....		[-39,160]
	Program increase—Army UPL .....		[375,000]
005	BRADLEY PROGRAM (MOD) .....	493,109	435,759
	Prior year carry-over .....		[-17,350]
	UBIS early to need .....		[-40,000]
006	M109 FOV MODIFICATIONS .....	26,893	21,893
	Prior year carryover .....		[-5,000]
007	PALADIN INTEGRATED MANAGEMENT (PIM) .....	435,825	435,825
009	ASSAULT BRIDGE (MOD) .....	5,074	5,074
010	ASSAULT BREACHER VEHICLE .....	19,500	19,500
011	Mss FOV MODS .....	18,382	13,082
	Program reduction .....		[-5,300]
012	JOINT ASSAULT BRIDGE .....	72,178	61,878
	Program delay .....		[-10,300]
013	M1 ABRAMS TANK (MOD) .....	392,013	386,278
	Prior year carry-over .....		[-5,735]
014	ABRAMS UPGRADE PROGRAM .....	1,033,253	1,020,396
	Component cost savings .....		[-3,480]
	Prior year carry-over .....		[-9,377]
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>		
016	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	17,864	17,864
018	MORTAR SYSTEMS .....	10,288	10,288
019	XM320 GRENADE LAUNCHER MODULE (GLM) .....	5,969	5,969
020	PRECISION SNIPER RIFLE .....	10,137	10,137
021	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM .....	999	999
022	CARBINE .....	7,411	7,411
023	NEXT GENERATION SQUAD WEAPON .....	35,822	35,822
024	COMMON REMOTELY OPERATED WEAPONS STATION .....	24,534	24,534
025	HANDGUN .....	4,662	4,662
	<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>		
026	MK-19 GRENADE MACHINE GUN MODS .....	6,444	6,444
027	M777 MODS .....	10,983	10,983
028	M4 CARBINE MODS .....	4,824	4,824
031	M240 MEDIUM MACHINE GUN MODS .....	6,385	6,385
032	SNIPER RIFLES MODIFICATIONS .....	1,898	1,898
033	M119 MODIFICATIONS .....	2,009	2,009
034	MORTAR MODIFICATION .....	1,689	1,689
035	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....	2,604	2,604
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	2,763	2,763
037	PRODUCTION BASE SUPPORT (WOCV-WTCV) .....	3,045	3,045
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY .....</b>	<b>3,696,740</b>	<b>3,856,038</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
001	CTG, 5.56MM, ALL TYPES .....	68,472	68,472
002	CTG, 7.62MM, ALL TYPES .....	109,933	109,933
003	NEXT GENERATION SQUAD WEAPON AMMUNITION .....	11,988	11,988
004	CTG, HANDGUN, ALL TYPES .....	853	853
005	CTG, .50 CAL, ALL TYPES .....	58,280	58,280
006	CTG, 20MM, ALL TYPES .....	31,708	31,708
007	CTG, 25MM, ALL TYPES .....	9,111	9,111
008	CTG, 30MM, ALL TYPES .....	58,172	58,172
009	CTG, 40MM, ALL TYPES .....	114,638	114,638
	<b>MORTAR AMMUNITION</b>		
010	60MM MORTAR, ALL TYPES .....	31,222	31,222
011	81MM MORTAR, ALL TYPES .....	42,857	42,857
012	120MM MORTAR, ALL TYPES .....	107,762	107,762
	<b>TANK AMMUNITION</b>		
013	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....	233,444	233,444
	<b>ARTILLERY AMMUNITION</b>		
014	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....	35,963	35,963
015	ARTILLERY PROJECTILE, 155MM, ALL TYPES .....	293,692	283,692

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	Program delays .....		[-10,000]
016	PROJ 155MM EXTENDED RANGE M982 .....	69,159	69,159
017	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	232,913	232,913
	<b>MINES</b>		
018	MINES & CLEARING CHARGES, ALL TYPES .....	65,278	62,778
	Program decrease .....		[-2,500]
019	CLOSE TERRAIN SHAPING OBSTACLE .....	4,995	2,995
	Program reduction .....		[-2,000]
	<b>ROCKETS</b>		
020	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	69,112	61,612
	Prior year carryover .....		[-7,500]
021	ROCKET, HYDRA 70, ALL TYPES .....	125,915	125,915
	<b>OTHER AMMUNITION</b>		
022	CAD/PAD, ALL TYPES .....	8,891	8,891
023	DEMOLITION MUNITIONS, ALL TYPES .....	54,043	54,043
024	GRENADES, ALL TYPES .....	28,931	28,931
025	SIGNALS, ALL TYPES .....	27,036	27,036
026	SIMULATORS, ALL TYPES .....	10,253	10,253
	<b>MISCELLANEOUS</b>		
027	AMMO COMPONENTS, ALL TYPES .....	3,476	3,476
029	ITEMS LESS THAN \$5 MILLION (AMMO) .....	10,569	10,569
030	AMMUNITION PECULIAR EQUIPMENT .....	12,338	12,338
031	FIRST DESTINATION TRANSPORTATION (AMMO) .....	15,908	15,908
032	CLOSEOUT LIABILITIES .....	99	99
	<b>PRODUCTION BASE SUPPORT</b>		
033	INDUSTRIAL FACILITIES .....	592,224	696,724
	Program increase .....		[104,500]
034	CONVENTIONAL MUNITIONS DEMILITARIZATION .....	235,112	235,112
035	ARMS INITIATIVE .....	3,369	3,369
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>2,777,716</b>	<b>2,860,216</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
001	TACTICAL TRAILERS/DOLLY SETS .....	12,986	12,986
002	SEMITRAILERS, FLATBED: .....	31,443	31,443
003	SEMITRAILERS, TANKERS .....	17,082	17,082
004	HI MOB MULTI-PURP WHLD VEH (HMMWV) .....	44,795	44,795
005	GROUND MOBILITY VEHICLES (GMV) .....	37,932	37,932
008	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL .....	894,414	894,414
009	TRUCK, DUMP, 20T (CCE) .....	29,368	29,368
010	FAMILY OF MEDIUM TACTICAL VEH (FMTV) .....	95,092	95,092
011	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C .....	999	999
012	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP .....	27,687	27,687
014	PLS ESP .....	21,969	21,969
015	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....	65,635	132,635
	Program increase .....		[67,000]
016	HMMWV RECAPITALIZATION PROGRAM .....	5,927	5,927
017	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	36,497	36,497
018	MODIFICATION OF IN SVC EQUIP .....	114,977	114,977
	<b>NON-TACTICAL VEHICLES</b>		
020	PASSENGER CARRYING VEHICLES .....	1,246	1,246
021	NONTACTICAL VEHICLES, OTHER .....	19,870	19,870
	<b>COMM—JOINT COMMUNICATIONS</b>		
022	SIGNAL MODERNIZATION PROGRAM .....	160,469	150,469
	Unit cost growth .....		[-10,000]
023	TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....	360,379	337,879
	Program delays .....		[-10,000]
	Unit cost growth .....		[-12,500]
024	SITUATION INFORMATION TRANSPORT .....	63,396	63,396
026	JCSE EQUIPMENT (USRDECOM) .....	5,170	5,170
	<b>COMM—SATELLITE COMMUNICATIONS</b>		
029	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....	101,498	101,498
030	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	72,450	64,950
	Program delays .....		[-7,500]
031	SHF TERM .....	13,173	13,173
032	ASSURED POSITIONING, NAVIGATION AND TIMING .....	134,928	134,928
033	SMART-T (SPACE) .....	8,611	8,611
034	GLOBAL BRDCST SVC—GBS .....	8,191	8,191
	<b>COMM—C3 SYSTEM</b>		
036	COE TACTICAL SERVER INFRASTRUCTURE (TSI) .....	94,871	94,871
	<b>COMM—COMBAT COMMUNICATIONS</b>		
037	HANDHELD MANPACK SMALL FORM FIT (HMS) .....	550,848	550,848
038	RADIO TERMINAL SET, MIDS LVT(2) .....	8,237	8,237
041	SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....	13,967	0
	Program cancellation .....		[-13,967]
043	UNIFIED COMMAND SUITE .....	19,579	19,579
044	COTS COMMUNICATIONS EQUIPMENT .....	94,156	94,156
045	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	18,313	18,313

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046	ARMY COMMUNICATIONS & ELECTRONICS .....	51,480	51,480
	<b>COMM—INTELLIGENCE COMM</b>		
048	CI AUTOMATION ARCHITECTURE (MIP) .....	13,146	13,146
049	DEFENSE MILITARY DECEPTION INITIATIVE .....	5,624	5,624
	<b>INFORMATION SECURITY</b>		
051	INFORMATION SYSTEM SECURITY PROGRAM-ISSP .....	4,596	4,596
052	COMMUNICATIONS SECURITY (COMSEC) .....	159,272	149,272
	Program decrease .....		[-10,000]
053	DEFENSIVE CYBER OPERATIONS .....	54,753	54,753
054	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....	1,760	1,760
056	ITEMS LESS THAN \$5M (INFO SECURITY) .....	260	260
	<b>COMM—LONG HAUL COMMUNICATIONS</b>		
057	BASE SUPPORT COMMUNICATIONS .....	29,761	29,761
	<b>COMM—BASE COMMUNICATIONS</b>		
058	INFORMATION SYSTEMS .....	147,696	147,696
059	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....	4,900	4,900
060	HOME STATION MISSION COMMAND CENTERS (HSMCC) .....	15,227	15,227
061	JOINT INFORMATION ENVIRONMENT (JIE) .....	3,177	3,177
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	300,035	280,035
	Unjustified growth .....		[-20,000]
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
065	JTT/CIBS-M (MIP) .....	5,304	5,304
066	TERRESTRIAL LAYER SYSTEMS (TLS) (MIP) .....	8,081	8,081
068	DCGS-A (MIP) .....	151,886	151,886
070	TROJAN (MIP) .....	17,593	17,593
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	28,558	28,558
073	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	999	999
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
075	LIGHTWEIGHT COUNTER MORTAR RADAR .....	5,332	5,332
076	EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....	7,849	7,849
077	AIR VIGILANCE (AV) (MIP) .....	8,160	8,160
079	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST .....	8,669	8,669
082	CI MODERNIZATION (MIP) .....	300	300
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
083	SENTINEL MODS .....	58,884	58,884
084	NIGHT VISION DEVICES .....	1,127,375	897,375
	IVAS reduction .....		[-230,000]
086	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	13,954	13,954
088	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	10,069	10,069
089	FAMILY OF WEAPON SIGHTS (FWS) .....	133,590	133,590
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	243,850	226,350
	Program delays .....		[-17,500]
092	JOINT EFFECTS TARGETING SYSTEM (JETS) .....	69,641	50,541
	Early to need .....		[-19,100]
094	COMPUTER BALLISTICS: LHMCB XM32 .....	7,509	7,509
095	MORTAR FIRE CONTROL SYSTEM .....	3,800	3,800
096	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS .....	7,292	7,292
097	COUNTERFIRE RADARS .....	72,421	71,421
	Excess to need .....		[-1,000]
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
098	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE ( .....	49,947	49,947
099	FIRE SUPPORT C2 FAMILY .....	9,390	9,390
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	47,374	47,374
101	LAMD BATTLE COMMAND SYSTEM .....	201,587	191,587
	Program reduction .....		[-10,000]
102	LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....	4,495	4,495
103	NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....	18,651	18,651
105	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....	2,792	2,792
106	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....	9,071	9,071
107	RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....	12,117	12,117
108	MOD OF IN-SVC EQUIPMENT (ENFIRE) .....	3,004	5,004
	Program increase .....		[2,000]
	<b>ELECT EQUIP—AUTOMATION</b>		
109	ARMY TRAINING MODERNIZATION .....	14,574	14,574
110	AUTOMATED DATA PROCESSING EQUIP .....	140,619	140,619
111	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....	4,448	4,448
112	HIGH PERF COMPUTING MOD PGM (HPCMP) .....	68,405	68,405
113	CONTRACT WRITING SYSTEM .....	8,459	8,459
114	CSS COMMUNICATIONS .....	57,651	57,651
115	RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	14,848	14,848
	<b>ELECT EQUIP—AUDIO VISUAL SYS (A/V)</b>		
117	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....	4,995	4,995
	<b>ELECT EQUIP—SUPPORT</b>		
119	BCT EMERGING TECHNOLOGIES .....	16,983	8,983
	Program reduction .....		[-8,000]
	<b>CLASSIFIED PROGRAMS</b>		
19A	CLASSIFIED PROGRAMS .....	1,582	1,582
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		

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123	CBRN DEFENSE .....	28,456	28,456
124	SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM) .....	13,995	13,995
	<b>BRIDGING EQUIPMENT</b>		
125	TACTICAL BRIDGING .....	10,545	10,545
126	TACTICAL BRIDGE, FLOAT-RIBBON .....	72,074	72,074
127	BRIDGE SUPPLEMENTAL SET .....	32,493	32,493
128	COMMON BRIDGE TRANSPORTER (CBT) RECAP .....	62,978	62,978
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
129	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....	5,570	5,570
130	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....	2,497	2,497
132	HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....	109,069	99,069
	Program reduction .....		[-10,000]
134	EOD ROBOTICS SYSTEMS RECAPITALIZATION .....	36,584	36,584
135	ROBOTICS AND APPLIQUE SYSTEMS .....	179,544	174,744
	SMET contract delay .....		[-4,800]
137	RENDER SAFE SETS KITS OUTFITS .....	64,583	64,583
139	FAMILY OF BOATS AND MOTORS .....	5,289	5,289
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
140	HEATERS AND ECUS .....	8,200	8,200
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	4,625	4,625
143	GROUND SOLDIER SYSTEM .....	154,937	154,937
144	MOBILE SOLDIER POWER .....	34,297	34,297
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	53,021	53,021
148	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....	23,324	23,324
149	ITEMS LESS THAN \$5M (ENG SPT) .....	8,014	8,014
	<b>PETROLEUM EQUIPMENT</b>		
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	78,448	78,448
	<b>MEDICAL EQUIPMENT</b>		
151	COMBAT SUPPORT MEDICAL .....	59,485	64,485
	Future Warfighter Shelter .....		[5,000]
	<b>MAINTENANCE EQUIPMENT</b>		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	40,337	40,337
153	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	5,386	5,386
	<b>CONSTRUCTION EQUIPMENT</b>		
154	GRADER, ROAD MTZD, HVY, 6X4 (CCE) .....	5,406	5,406
155	SCRAPERS, EARTHMOVING .....	4,188	4,188
156	LOADERS .....	4,521	4,521
157	HYDRAULIC EXCAVATOR .....	5,186	5,186
158	TRACTOR, FULL TRACKED .....	4,715	4,715
159	ALL TERRAIN CRANES .....	70,560	70,560
162	CONST EQUIP ESP .....	8,925	8,925
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>		
164	ARMY WATERCRAFT ESP .....	40,910	40,910
165	MANEUVER SUPPORT VESSEL (MSV) .....	76,576	76,576
166	ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....	1,844	1,844
	<b>GENERATORS</b>		
167	GENERATORS AND ASSOCIATED EQUIP .....	53,433	53,433
168	TACTICAL ELECTRIC POWER RECAPITALIZATION .....	22,216	22,216
	<b>MATERIAL HANDLING EQUIPMENT</b>		
169	FAMILY OF FORKLIFTS .....	16,145	16,145
	<b>TRAINING EQUIPMENT</b>		
170	COMBAT TRAINING CENTERS SUPPORT .....	90,580	90,580
171	TRAINING DEVICES, NONSYSTEM .....	161,814	161,814
172	SYNTHETIC TRAINING ENVIRONMENT (STE) .....	13,063	13,063
175	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....	1,950	1,950
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
176	CALIBRATION SETS EQUIPMENT .....	2,511	2,511
177	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	78,578	73,578
	Program reduction .....		[-5,000]
178	TEST EQUIPMENT MODERNIZATION (TEMOD) .....	14,941	14,941
	<b>OTHER SUPPORT EQUIPMENT</b>		
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,629	8,629
181	PHYSICAL SECURITY SYSTEMS (OPA3) .....	75,499	72,299
	Early to need .....		[-3,200]
182	BASE LEVEL COMMON EQUIPMENT .....	27,444	27,444
183	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....	32,485	32,485
187	SPECIAL EQUIPMENT FOR TEST AND EVALUATION .....	39,436	39,436
	<b>OPA2</b>		
189	INITIAL SPARES—C&E .....	9,950	9,950
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>8,625,206</b>	<b>8,306,639</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>COMBAT AIRCRAFT</b>		
001	F/A-18E/F (FIGHTER) HORNET .....	1,761,146	1,761,146
002	F/A-18E/F (FIGHTER) HORNET AP .....		28,100
	FY22 aircraft .....		[28,100]
003	JOINT STRIKE FIGHTER CV .....	2,181,780	2,106,680
	Excess depot standup funding .....		[-6,500]

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	<i>F135 affordability challenges</i> .....		[-21,000]
	<i>Lot 15 target cost savings</i> .....		[-41,600]
	<i>Unjustified ALIS funding</i> .....		[-6,000]
004	JOINT STRIKE FIGHTER CV AP .....	330,386	330,386
005	JSP STOVL .....	1,109,393	1,053,893
	<i>Excess depot standup funding</i> .....		[-5,000]
	<i>F135 affordability challenges</i> .....		[-15,000]
	<i>Lot 15 target cost savings</i> .....		[-18,000]
	<i>Unjustified ALIS funding</i> .....		[-10,000]
	<i>Unjustified production engineering support</i> .....		[-7,500]
006	JSP STOVL AP .....	303,035	303,035
007	CH-53K (HEAVY LIFT) .....	813,324	813,324
008	CH-53K (HEAVY LIFT) AP .....	201,188	201,188
009	V-22 (MEDIUM LIFT) .....	934,793	1,146,193
	<i>Navy UPL</i> .....		[211,400]
010	V-22 (MEDIUM LIFT) AP .....	39,547	39,547
011	H-1 UPGRADES (UH-1Y/AH-1Z) .....	7,267	7,267
013	P-8A POSEIDON .....	80,134	1,020,034
	<i>Line shutdown early to need</i> .....		[-80,100]
	<i>Six additional aircraft</i> .....		[1,020,000]
015	E-2D ADV HAWKEYE .....	626,109	626,109
016	E-2D ADV HAWKEYE AP .....	123,166	123,166
	<b>TRAINER AIRCRAFT</b>		
017	ADVANCED HELICOPTER TRAINING SYSTEM .....	269,867	269,867
	<b>OTHER AIRCRAFT</b>		
018	KC-130J .....	380,984	380,984
019	KC-130J AP .....	67,022	67,022
021	MQ-4 TRITON .....	150,570	150,570
023	MQ-8 UAV .....	40,375	40,375
024	STUASLo UAV .....	30,930	30,930
026	VH-92A EXECUTIVE HELO .....	610,231	610,231
	<b>MODIFICATION OF AIRCRAFT</b>		
028	F-18 A-D UNIQUE .....	208,261	208,261
029	F-18E/F AND EA-18G MODERNIZATION AND SUSTAINM .....	468,954	468,954
030	AEA SYSTEMS .....	21,061	21,061
031	AV-8 SERIES .....	34,082	34,082
032	INFRARED SEARCH AND TRACK (IRST) .....	158,055	158,055
033	ADVERSARY .....	42,946	42,946
034	F-18 SERIES .....	379,351	379,351
035	H-53 SERIES .....	74,771	74,771
036	MH-60 SERIES .....	131,584	136,584
	<i>Program increase</i> .....		[5,000]
037	H-1 SERIES .....	185,140	185,140
038	EP-3 SERIES .....	26,602	26,602
040	E-3 SERIES .....	175,540	175,540
041	TRAINER A/C SERIES .....	7,085	7,085
042	C-2A .....	9,525	9,525
043	C-130 SERIES .....	141,705	141,705
044	FEWSG .....	684	684
045	CARGO/TRANSPORT A/C SERIES .....	8,911	8,911
046	E-6 SERIES .....	197,206	197,206
047	EXECUTIVE HELICOPTERS SERIES .....	29,086	29,086
049	T-45 SERIES .....	155,745	155,745
050	POWER PLANT CHANGES .....	24,633	24,633
051	JPATS SERIES .....	22,682	22,682
052	AVIATION LIFE SUPPORT MODS .....	40,401	40,401
053	COMMON ECM EQUIPMENT .....	138,480	138,480
054	COMMON AVIONICS CHANGES .....	143,322	143,322
055	COMMON DEFENSIVE WEAPON SYSTEM .....	2,142	2,142
056	ID SYSTEMS .....	35,999	35,999
057	P-8 SERIES .....	180,530	180,530
058	MAGTF EW FOR AVIATION .....	27,794	27,794
059	MQ-8 SERIES .....	28,774	28,774
060	V-22 (TILT/ROTOR ACFT) OSPREY .....	334,405	334,405
061	NEXT GENERATION JAMMER (NGJ) .....	176,638	176,638
062	F-35 STOVL SERIES .....	153,588	146,388
	<i>Block IV/TR3 upgrade delays</i> .....		[-7,200]
063	F-35 CV SERIES .....	105,452	99,552
	<i>Block IV/TR3 upgrade delays</i> .....		[-5,900]
064	QRC .....	126,618	126,618
065	MQ-4 SERIES .....	12,998	12,998
066	RQ-21 SERIES .....	18,550	18,550
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
070	SPARES AND REPAIR PARTS .....	2,198,460	2,198,460
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>		
071	COMMON GROUND EQUIPMENT .....	543,559	543,559
072	AIRCRAFT INDUSTRIAL FACILITIES .....	75,685	75,685
073	WAR CONSUMABLES .....	40,633	40,633



**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
074	OTHER PRODUCTION CHARGES .....	21,194	21,194
075	SPECIAL SUPPORT EQUIPMENT .....	155,179	155,179
076	FIRST DESTINATION TRANSPORTATION .....	2,121	2,121
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>	<b>17,127,378</b>	<b>18,168,078</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>MODIFICATION OF MISSILES</b>		
001	TRIDENT II MODS .....	1,173,837	1,173,837
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
002	MISSILE INDUSTRIAL FACILITIES .....	7,275	7,275
	<b>STRATEGIC MISSILES</b>		
003	TOMAHAWK .....	277,694	277,694
	<b>TACTICAL MISSILES</b>		
004	AMRAAM .....	326,952	326,952
005	SIDEWINDER .....	126,485	126,485
007	STANDARD MISSILE .....	456,206	456,206
008	STANDARD MISSILE AP .....	66,716	66,716
009	SMALL DIAMETER BOMB II .....	78,867	78,867
010	RAM .....	90,533	90,533
011	JOINT AIR GROUND MISSILE (JAGM) .....	49,386	49,386
014	AERIAL TARGETS .....	174,336	174,336
015	DRONES AND DECOYS .....	41,256	41,256
016	OTHER MISSILE SUPPORT .....	3,501	3,501
017	LRASM .....	168,845	168,845
018	LCS OTH MISSILE .....	32,910	32,910
	<b>MODIFICATION OF MISSILES</b>		
019	TOMAHAWK MODS .....	164,915	164,915
020	ESSM .....	215,375	206,475
	Excessive production support growth .....		[-8,900]
022	HARM MODS .....	147,572	147,572
023	STANDARD MISSILES MODS .....	83,654	17,254
	SM-2 Blk IIC excessive concurrency .....		[-66,400]
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
024	WEAPONS INDUSTRIAL FACILITIES .....	1,996	1,996
025	FLEET SATELLITE COMM FOLLOW-ON .....	53,401	53,401
	<b>ORDNANCE SUPPORT EQUIPMENT</b>		
027	ORDNANCE SUPPORT EQUIPMENT .....	215,659	215,659
	<b>TORPEDOES AND RELATED EQUIP</b>		
028	SSTD .....	5,811	5,811
029	MK-48 TORPEDO .....	284,901	284,901
030	ASW TARGETS .....	13,833	13,833
	<b>MOD OF TORPEDOES AND RELATED EQUIP</b>		
031	MK-54 TORPEDO MODS .....	110,286	110,286
032	MK-48 TORPEDO ADCAP MODS .....	57,214	57,214
033	MARITIME MINES .....	5,832	5,832
	<b>SUPPORT EQUIPMENT</b>		
034	TORPEDO SUPPORT EQUIPMENT .....	97,581	97,581
035	ASW RANGE SUPPORT .....	4,159	4,159
	<b>DESTINATION TRANSPORTATION</b>		
036	FIRST DESTINATION TRANSPORTATION .....	4,106	4,106
	<b>GUNS AND GUN MOUNTS</b>		
037	SMALL ARMS AND WEAPONS .....	16,030	16,030
	<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>		
038	CJWS MODS .....	37,147	37,147
039	COAST GUARD WEAPONS .....	45,804	45,804
040	GUN MOUNT MODS .....	74,427	74,427
041	LCS MODULE WEAPONS .....	4,253	4,253
042	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....	6,662	6,662
	<b>SPARES AND REPAIR PARTS</b>		
045	SPARES AND REPAIR PARTS .....	159,578	159,578
	<b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>	<b>4,884,995</b>	<b>4,809,695</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
001	GENERAL PURPOSE BOMBS .....	41,496	41,496
002	JDAM .....	64,631	64,631
003	AIRBORNE ROCKETS, ALL TYPES .....	60,719	60,719
004	MACHINE GUN AMMUNITION .....	11,158	11,158
005	PRACTICE BOMBS .....	51,409	51,409
006	CARTRIDGES & CART ACTUATED DEVICES .....	64,694	64,694
007	AIR EXPENDABLE COUNTERMEASURES .....	51,523	51,523
008	JATOS .....	6,761	6,761
009	5 INCH/54 GUN AMMUNITION .....	31,517	31,517
010	INTERMEDIATE CALIBER GUN AMMUNITION .....	38,005	38,005
011	OTHER SHIP GUN AMMUNITION .....	40,626	40,626
012	SMALL ARMS & LANDING PARTY AMMO .....	48,202	48,202
013	PYROTECHNIC AND DEMOLITION .....	9,766	9,766
015	AMMUNITION LESS THAN \$5 MILLION .....	2,115	2,115

**SEC. 4101. PROCUREMENT**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>MARINE CORPS AMMUNITION</b>			
016	MORTARS .....	46,781	46,781
017	DIRECT SUPPORT MUNITIONS .....	119,504	79,662
	USMC identified funds excess to need .....		[-39,842]
018	INFANTRY WEAPONS AMMUNITION .....	83,220	83,220
019	COMBAT SUPPORT MUNITIONS .....	32,650	32,650
020	AMMO MODERNIZATION .....	15,144	15,144
021	ARTILLERY MUNITIONS .....	59,539	59,539
022	ITEMS LESS THAN \$5 MILLION .....	4,142	4,142
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>883,602</b>	<b>843,760</b>
<b>SHIPBUILDING AND CONVERSION, NAVY</b>			
<b>FLEET BALLISTIC MISSILE SHIPS</b>			
001	OHIO REPLACEMENT SUBMARINE .....	2,891,475	2,891,475
002	OHIO REPLACEMENT SUBMARINE AP .....	1,123,175	1,123,175
<b>OTHER WARSHIPS</b>			
003	CARRIER REPLACEMENT PROGRAM .....	997,544	907,544
	Full funding early to need .....		[-90,000]
004	CVN-81 .....	1,645,606	1,465,606
	Full funding early to need .....		[-180,000]
005	VIRGINIA CLASS SUBMARINE .....	2,334,693	4,630,693
	Restore second Virginia-class SSN .....		[2,296,000]
006	VIRGINIA CLASS SUBMARINE AP .....	1,901,187	2,173,187
	Restore second Virginia-class SSN .....		[272,000]
007	CVN REFUELING OVERHAULS .....	1,878,453	1,878,453
008	CVN REFUELING OVERHAULS AP .....	17,384	17,384
009	DDG 1000 .....	78,205	78,205
010	DDG-51 .....	3,040,270	3,040,270
011	DDG-51 AP .....	29,297	29,297
013	FFG-FRIGATE .....	1,053,123	954,523
	Anticipated learning curve .....		[-98,600]
<b>AMPHIBIOUS SHIPS</b>			
014	LPD FLIGHT II .....	1,155,801	1,118,101
	Excessive unit cost growth .....		[-37,700]
<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>			
022	TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....	168,209	168,209
023	LCU 1700 .....	87,395	87,395
024	OUTFITTING .....	825,586	825,586
026	SERVICE CRAFT .....	249,781	249,781
027	LCAC SLEP .....	56,461	56,461
028	COMPLETION OF PY SHIPBUILDING PROGRAMS .....	369,112	369,112
	<b>TOTAL SHIPBUILDING AND CONVERSION, NAVY</b> .....	<b>19,902,757</b>	<b>22,064,457</b>
<b>OTHER PROCUREMENT, NAVY</b>			
<b>SHIP PROPULSION EQUIPMENT</b>			
001	SURFACE POWER EQUIPMENT .....	11,738	11,738
<b>GENERATORS</b>			
002	SURFACE COMBATANT HM&E .....	58,497	58,497
<b>NAVIGATION EQUIPMENT</b>			
003	OTHER NAVIGATION EQUIPMENT .....	74,084	74,084
<b>OTHER SHIPBOARD EQUIPMENT</b>			
004	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....	204,806	204,806
005	DDG MOD .....	547,569	531,169
	Excessive CSSQT cost growth .....		[-16,400]
006	FIREFIGHTING EQUIPMENT .....	18,394	18,394
007	COMMAND AND CONTROL SWITCHBOARD .....	2,374	2,374
008	LHA/LHD MIDLIFE .....	78,265	78,265
009	POLLUTION CONTROL EQUIPMENT .....	23,035	23,035
010	SUBMARINE SUPPORT EQUIPMENT .....	64,632	60,132
	Excess cost growth .....		[-4,500]
011	VIRGINIA CLASS SUPPORT EQUIPMENT .....	22,868	22,868
012	LCS CLASS SUPPORT EQUIPMENT .....	3,976	3,976
013	SUBMARINE BATTERIES .....	31,322	31,322
014	LPD CLASS SUPPORT EQUIPMENT .....	50,475	55,475
	Electronic actuator pilot program .....		[5,000]
015	DDG 1000 CLASS SUPPORT EQUIPMENT .....	42,279	36,779
	Excess cost growth .....		[-5,500]
016	STRATEGIC PLATFORM SUPPORT EQUIP .....	15,429	15,429
017	DSSP EQUIPMENT .....	2,918	2,918
018	CG MODERNIZATION .....	87,978	87,978
019	LCAC .....	9,366	9,366
020	UNDERWATER EOD EQUIPMENT .....	16,842	16,842
021	ITEMS LESS THAN \$5 MILLION .....	105,715	95,715
	Cost growth .....		[-10,000]
022	CHEMICAL WARFARE DETECTORS .....	3,044	3,044
023	SUBMARINE LIFE SUPPORT SYSTEM .....	5,885	5,885
<b>REACTOR PLANT EQUIPMENT</b>			
024	SHIP MAINTENANCE, REPAIR AND MODERNIZATION .....	1,260,721	400,621

**SEC. 4101. PROCUREMENT**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	LCS in-service modernization excess cost growth .....		[-12,100]
	Redignment to OPN-24A for Shipyard Infrastructure Optimization Plan .....		[-198,000]
	Transfer to O&M for ship depot maintenance .....		[-650,000]
024A	<b>SHIPYARD INFRASTRUCTURE OPTIMIZATION PLAN</b> .....		198,000
	Redignment from OPN-24 for Shipyard Infrastructure Optimization Plan .....		[198,000]
025	REACTOR POWER UNITS .....	5,305	5,305
026	REACTOR COMPONENTS .....	415,404	415,404
	<b>OCEAN ENGINEERING</b>		
027	DIVING AND SALVAGE EQUIPMENT .....	11,143	11,143
	<b>SMALL BOATS</b>		
028	STANDARD BOATS .....	52,371	52,371
	<b>PRODUCTION FACILITIES EQUIPMENT</b>		
029	OPERATING FORCES IPE .....	233,667	233,667
	<b>OTHER SHIP SUPPORT</b>		
030	LCS COMMON MISSION MODULES EQUIPMENT .....	39,714	39,714
031	LCS MCM MISSION MODULES .....	218,822	209,522
	COBRA early to need .....		[-9,300]
032	LCS ASW MISSION MODULES .....	61,759	61,759
033	LCS SUW MISSION MODULES .....	24,412	24,412
034	LCS IN-SERVICE MODERNIZATION .....	121,848	151,848
	Preservation of LCS 3 and LCS 4 .....		[30,000]
035	SMALL & MEDIUM UUV .....	67,709	43,709
	Early to need based on IOTE schedule .....		[-24,000]
	<b>SHIP SONARS</b>		
037	SPQ-9B RADAR .....	27,517	27,517
038	AN/SQQ-89 SURF ASW COMBAT SYSTEM .....	128,664	128,664
039	SSN ACOUSTIC EQUIPMENT .....	374,737	374,737
040	UNDERSEA WARFARE SUPPORT EQUIPMENT .....	9,286	9,286
	<b>ASW ELECTRONIC EQUIPMENT</b>		
041	SUBMARINE ACOUSTIC WARFARE SYSTEM .....	26,066	26,066
042	SSTD .....	13,241	13,241
043	FIXED SURVEILLANCE SYSTEM .....	193,446	193,446
044	SURTASS .....	63,838	63,838
	<b>ELECTRONIC WARFARE EQUIPMENT</b>		
045	AN/SLQ-32 .....	387,195	387,195
	<b>RECONNAISSANCE EQUIPMENT</b>		
046	SHIPBOARD IW EXPLOIT .....	235,744	223,644
	Excess cost growth .....		[-12,100]
047	AUTOMATED IDENTIFICATION SYSTEM (AIS) .....	3,862	3,862
	<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>		
048	COOPERATIVE ENGAGEMENT CAPABILITY .....	26,006	26,006
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....	15,385	15,385
050	ATDLS .....	103,835	103,835
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....	3,594	3,594
052	MINESWEEPING SYSTEM REPLACEMENT .....	15,744	15,744
053	SHALLOW WATER MCM .....	5,493	5,493
054	NAVSTAR GPS RECEIVERS (SPACE) .....	38,043	38,043
055	AMERICAN FORCES RADIO AND TV SERVICE .....	2,592	2,592
056	STRATEGIC PLATFORM SUPPORT EQUIP .....	7,985	7,985
	<b>AVIATION ELECTRONIC EQUIPMENT</b>		
057	ASHORE ATC EQUIPMENT .....	83,475	83,475
058	AFLOAT ATC EQUIPMENT .....	65,113	65,113
059	ID SYSTEMS .....	23,815	23,815
060	JOINT PRECISION APPROACH AND LANDING SYSTEM ( .....	100,751	100,751
061	NAVAL MISSION PLANNING SYSTEMS .....	13,947	13,947
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>		
062	MARITIME INTEGRATED BROADCAST SYSTEM .....	1,375	1,375
063	TACTICAL/MOBILE C4I SYSTEMS .....	22,771	22,771
064	DCGS-N .....	18,872	18,872
065	CANES .....	389,585	389,585
066	RADIAC .....	10,335	10,335
067	CANES-INTELL .....	48,654	48,654
068	GPETE .....	8,133	8,133
069	MASF .....	4,150	4,150
070	INTEG COMBAT SYSTEM TEST FACILITY .....	5,934	5,934
071	EMI CONTROL INSTRUMENTATION .....	4,334	4,334
072	ITEMS LESS THAN \$5 MILLION .....	159,815	159,815
	<b>SHIPBOARD COMMUNICATIONS</b>		
073	SHIPBOARD TACTICAL COMMUNICATIONS .....	56,106	56,106
074	SHIP COMMUNICATIONS AUTOMATION .....	124,288	124,288
075	COMMUNICATIONS ITEMS UNDER \$5M .....	45,120	45,120
	<b>SUBMARINE COMMUNICATIONS</b>		
076	SUBMARINE BROADCAST SUPPORT .....	31,133	31,133
077	SUBMARINE COMMUNICATION EQUIPMENT .....	62,214	62,214
	<b>SATELLITE COMMUNICATIONS</b>		
078	SATELLITE COMMUNICATIONS SYSTEMS .....	47,421	47,421
079	NAVY MULTIBAND TERMINAL (NMT) .....	64,552	64,552
	<b>SHORE COMMUNICATIONS</b>		

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080	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	4,398	4,398
	<b>CRYPTOGRAPHIC EQUIPMENT</b>		
081	INFO SYSTEMS SECURITY PROGRAM (ISSP) .....	157,551	147,551
	Program decrease .....		[-10,000]
082	MIO INTEL EXPLOITATION TEAM .....	985	985
	<b>CRYPTOLOGIC EQUIPMENT</b>		
083	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	15,906	15,906
	<b>OTHER ELECTRONIC SUPPORT</b>		
090	COAST GUARD EQUIPMENT .....	70,689	70,689
	<b>SONOBUOYS</b>		
092	SONOBUOYS—ALL TYPES .....	237,639	286,639
	Inventory increase .....		[49,000]
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
093	MINOTAUR .....	5,077	5,077
094	WEAPONS RANGE SUPPORT EQUIPMENT .....	83,969	83,969
095	AIRCRAFT SUPPORT EQUIPMENT .....	187,758	187,758
096	ADVANCED ARRESTING GEAR (AAG) .....	16,059	16,059
097	METEOROLOGICAL EQUIPMENT .....	15,192	15,192
099	LEGACY AIRBORNE MCM .....	6,674	6,674
100	LAMPS EQUIPMENT .....	1,189	1,189
101	AVIATION SUPPORT EQUIPMENT .....	58,873	58,873
102	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL .....	60,937	60,937
	<b>SHIP GUN SYSTEM EQUIPMENT</b>		
103	SHIP GUN SYSTEMS EQUIPMENT .....	5,540	5,540
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>		
104	HARPOON SUPPORT EQUIPMENT .....	208	208
105	SHIP MISSILE SUPPORT EQUIPMENT .....	262,077	252,077
	Excess cost growth .....		[-10,000]
106	TOMAHAWK SUPPORT EQUIPMENT .....	84,087	76,087
	TMPC cost growth .....		[-8,000]
	<b>FBM SUPPORT EQUIPMENT</b>		
107	STRATEGIC MISSILE SYSTEMS EQUIP .....	258,910	258,910
	<b>ASW SUPPORT EQUIPMENT</b>		
108	SSN COMBAT CONTROL SYSTEMS .....	173,770	173,770
109	ASW SUPPORT EQUIPMENT .....	26,584	26,584
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	7,470	7,470
111	ITEMS LESS THAN \$5 MILLION .....	6,356	6,356
	<b>OTHER EXPENDABLE ORDNANCE</b>		
112	ANTI-SHIP MISSILE DECOY SYSTEM .....	86,356	86,356
113	SUBMARINE TRAINING DEVICE MODS .....	69,240	69,240
114	SURFACE TRAINING EQUIPMENT .....	192,245	192,245
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
115	PASSENGER CARRYING VEHICLES .....	6,123	6,123
116	GENERAL PURPOSE TRUCKS .....	2,693	2,693
117	CONSTRUCTION & MAINTENANCE EQUIP .....	47,301	47,301
118	FIRE FIGHTING EQUIPMENT .....	10,352	10,352
119	TACTICAL VEHICLES .....	31,475	31,475
121	POLLUTION CONTROL EQUIPMENT .....	2,630	2,630
122	ITEMS LESS THAN \$5 MILLION .....	47,972	47,972
123	PHYSICAL SECURITY VEHICLES .....	1,171	1,171
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
124	SUPPLY EQUIPMENT .....	19,693	19,693
125	FIRST DESTINATION TRANSPORTATION .....	4,956	4,956
126	SPECIAL PURPOSE SUPPLY SYSTEMS .....	668,639	638,639
	Program decrease .....		[-30,000]
	<b>TRAINING DEVICES</b>		
127	TRAINING SUPPORT EQUIPMENT .....	4,026	4,026
128	TRAINING AND EDUCATION EQUIPMENT .....	73,454	73,454
	<b>COMMAND SUPPORT EQUIPMENT</b>		
129	COMMAND SUPPORT EQUIPMENT .....	32,390	32,390
130	MEDICAL SUPPORT EQUIPMENT .....	974	974
132	NAVAL MIP SUPPORT EQUIPMENT .....	5,606	5,606
133	OPERATING FORCES SUPPORT EQUIPMENT .....	16,024	16,024
134	C&ISR EQUIPMENT .....	6,697	6,697
135	ENVIRONMENTAL SUPPORT EQUIPMENT .....	27,503	27,503
136	PHYSICAL SECURITY EQUIPMENT .....	138,281	138,281
137	ENTERPRISE INFORMATION TECHNOLOGY .....	42,680	42,680
	<b>OTHER</b>		
140	NEXT GENERATION ENTERPRISE SERVICE .....	184,443	184,443
141	CYBERSPACE ACTIVITIES .....	16,523	16,523
	<b>CLASSIFIED PROGRAMS</b>		
41A	CLASSIFIED PROGRAMS .....	18,446	18,446
	<b>SPARES AND REPAIR PARTS</b>		
142	SPARES AND REPAIR PARTS .....	374,195	421,195
	SPY-1 battle spare .....		[47,000]
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>10,948,518</b>	<b>10,277,618</b>

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>PROCUREMENT, MARINE CORPS</b>			
<b>TRACKED COMBAT VEHICLES</b>			
001	AAV7A1 PIP .....	87,476	87,476
002	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES .....	478,874	478,874
003	LAV PIP .....	41,988	41,988
<b>ARTILLERY AND OTHER WEAPONS</b>			
004	155MM LIGHTWEIGHT TOWED HOWITZER .....	59	59
005	ARTILLERY WEAPONS SYSTEM .....	174,687	234,337
	<i>Ground Based Anti-Ship Missiles—USMC UPL .....</i>		<i>[59,650]</i>
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....	24,867	24,867
<b>OTHER SUPPORT</b>			
007	MODIFICATION KITS .....	3,067	0
	<i>USMC funds identified excess to need .....</i>		<i>[-3,067]</i>
<b>GUIDED MISSILES</b>			
008	GROUND BASED AIR DEFENSE .....	18,920	18,920
009	ANTI-ARMOR MISSILE-JAVELIN .....	19,888	19,888
010	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS) .....	21,891	21,891
011	ANTI-ARMOR MISSILE-TOW .....	34,985	34,985
012	GUIDED MLRS ROCKET (GMLRS) .....	133,689	133,689
<b>COMMAND AND CONTROL SYSTEMS</b>			
013	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C .....	35,057	35,057
<b>REPAIR AND TEST EQUIPMENT</b>			
014	REPAIR AND TEST EQUIPMENT .....	24,405	24,405
<b>OTHER SUPPORT (TEL)</b>			
015	MODIFICATION KITS .....	1,006	1,006
<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>			
016	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	69,725	69,725
017	AIR OPERATIONS C2 SYSTEMS .....	15,611	15,611
<b>RADAR + EQUIPMENT (NON-TEL)</b>			
019	GROUND/AIR TASK ORIENTED RADAR (GATOR) .....	284,283	284,283
<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>			
020	GCSS-MC .....	1,587	1,587
021	FIRE SUPPORT SYSTEM .....	24,934	24,934
022	INTELLIGENCE SUPPORT EQUIPMENT .....	50,728	50,728
024	UNMANNED AIR SYSTEMS (INTEL) .....	24,853	24,853
025	DCGS-MC .....	38,260	38,260
026	UAS PAYLOADS .....	5,489	5,489
<b>OTHER SUPPORT (NON-TEL)</b>			
029	NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....	78,922	78,922
030	COMMON COMPUTER RESOURCES .....	35,349	35,349
031	COMMAND POST SYSTEMS .....	33,713	33,713
032	RADIO SYSTEMS .....	343,250	343,250
033	COMM SWITCHING & CONTROL SYSTEMS .....	40,627	40,627
034	COMM & ELEC INFRASTRUCTURE SUPPORT .....	43,782	43,782
035	CYBERSPACE ACTIVITIES .....	53,896	53,896
<b>CLASSIFIED PROGRAMS</b>			
36A	CLASSIFIED PROGRAMS .....	3,797	3,797
<b>ADMINISTRATIVE VEHICLES</b>			
037	COMMERCIAL CARGO VEHICLES .....	22,460	22,460
<b>TACTICAL VEHICLES</b>			
038	MOTOR TRANSPORT MODIFICATIONS .....	10,739	10,739
039	JOINT LIGHT TACTICAL VEHICLE .....	381,675	381,675
040	FAMILY OF TACTICAL TRAILERS .....	2,963	2,963
<b>ENGINEER AND OTHER EQUIPMENT</b>			
042	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	385	385
043	TACTICAL FUEL SYSTEMS .....	501	501
044	POWER EQUIPMENT ASSORTED .....	23,430	23,430
045	AMPHIBIOUS SUPPORT EQUIPMENT .....	5,752	5,752
046	EOD SYSTEMS .....	20,939	20,939
<b>MATERIALS HANDLING EQUIPMENT</b>			
047	PHYSICAL SECURITY EQUIPMENT .....	23,063	23,063
<b>GENERAL PROPERTY</b>			
048	FIELD MEDICAL EQUIPMENT .....	4,187	4,187
049	TRAINING DEVICES .....	101,765	101,765
050	FAMILY OF CONSTRUCTION EQUIPMENT .....	19,305	19,305
051	ULTRA-LIGHT TACTICAL VEHICLE (ULTV) .....	678	678
<b>OTHER SUPPORT</b>			
052	ITEMS LESS THAN \$5 MILLION .....	9,174	9,174
<b>SPARES AND REPAIR PARTS</b>			
053	SPARES AND REPAIR PARTS .....	27,295	27,295
	<b>TOTAL PROCUREMENT, MARINE CORPS .....</b>	<b>2,903,976</b>	<b>2,960,559</b>
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>			
<b>TACTICAL FORCES</b>			
001	F-35 .....	4,567,018	4,236,018
	<i>Excess depot standup funding .....</i>		<i>[-22,000]</i>
	<i>Excess miscellaneous support costs .....</i>		<i>[-156,000]</i>
	<i>Excess production engineering support .....</i>		<i>[-10,000]</i>

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	<i>F135 affordability challenges</i> .....		[-48,000]
	<i>Lot 15 target cost savings</i> .....		[-75,000]
	<i>Unjustified ALIS funding</i> .....		[-20,000]
002	F-35 AP .....	610,800	610,800
004	F-15EX .....	1,269,847	1,269,847
005	F-15EX AP .....	133,500	133,500
	<b>TACTICAL AIRLIFT</b>		
007	KC-46A MDAP .....	2,850,151	2,308,151
	<i>Decrease quantity by three aircraft</i> .....		[-462,000]
	<i>Spares excess to need due to quantity decrease</i> .....		[-40,000]
	<i>Wing Air Refueling Pods early to need</i> .....		[-40,000]
	<b>OTHER AIRLIFT</b>		
008	C-130J .....	37,131	37,131
010	MC-130J .....	362,807	362,807
011	MC-130J AP .....	39,987	29,987
	<i>FY22 quantity reduction</i> .....		[-10,000]
	<b>HELICOPTERS</b>		
012	UH-1N REPLACEMENT .....	194,016	194,016
013	COMBAT RESCUE HELICOPTER .....	973,473	973,473
	<b>MISSION SUPPORT AIRCRAFT</b>		
015	CIVIL AIR PATROL A/C .....	2,811	11,211
	<i>Program Increase</i> .....		[8,400]
	<b>OTHER AIRCRAFT</b>		
016	TARGET DRONES .....	133,273	133,273
018	COMPASS CALL .....	161,117	291,117
	<i>Program increase</i> .....		[130,000]
020	MQ-9 .....	29,409	120,209
	<i>Program increase</i> .....		[108,000]
	<i>Unjustified request</i> .....		[-17,200]
	<b>STRATEGIC AIRCRAFT</b>		
022	B-1 .....	3,853	3,853
023	B-2A .....	31,476	31,476
024	B-1B .....	21,808	1,808
	<i>Slow modernization execution</i> .....		[-20,000]
025	B-52 .....	53,949	22,249
	<i>GPS IU early to need</i> .....		[-28,700]
	<i>Tactical data link contract delay</i> .....		[-3,000]
026	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	9,999	9,999
	<b>TACTICAL AIRCRAFT</b>		
027	A-10 .....	135,793	135,793
028	E-11 BACN/HAG .....	33,645	33,645
029	F-15 .....	349,304	349,304
030	F-16 .....	615,760	615,760
032	F-22A .....	387,905	361,705
	<i>Contract delays</i> .....		[-26,200]
033	F-35 MODIFICATIONS .....	322,185	290,485
	<i>Block IV/TR3 delays</i> .....		[-31,700]
034	F-15 EPAW .....	31,995	27,195
	<i>Concurrency</i> .....		[-4,800]
035	INCREMENT 3.2B .....	5,889	5,889
036	KC-46A MDAP .....	24,085	9,085
	<i>Excessive airworthiness directives and service bulletins</i> .....		[-15,000]
	<b>AIRLIFT AIRCRAFT</b>		
037	C-5 .....	62,108	50,008
	<i>Unjustified PMA cost growth</i> .....		[-12,100]
038	C-17A .....	66,798	56,798
	<i>BLOS ahead of need</i> .....		[-10,000]
040	C-32A .....	2,947	2,947
041	C-37A .....	12,985	5,985
	<i>SATCOM installs ahead of need</i> .....		[-7,000]
	<b>TRAINER AIRCRAFT</b>		
042	GLIDER MODS .....	977	977
043	T-6 .....	26,829	26,829
044	T-1 .....	4,465	4,465
045	T-38 .....	36,806	36,806
	<b>OTHER AIRCRAFT</b>		
046	U-2 MODS .....	110,618	110,618
047	KC-10A (ATCA) .....	117	117
049	VC-25A MOD .....	1,983	1,983
050	C-40 .....	9,252	7,252
	<i>SATCOM installs ahead of need</i> .....		[-2,000]
051	C-130 .....	5,871	136,071
	<i>AMP 1 excess to need</i> .....		[-3,800]
	<i>Eight-bladed propeller upgrade kits only</i> .....		[35,000]
	<i>T-56 3.5 engine mod</i> .....		[79,000]
052	C-130J MODS .....	140,032	140,032
053	C-135 .....	88,250	86,450
	<i>Other government cost growth</i> .....		[-1,800]

**SEC. 4101. PROCUREMENT**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
055	COMPASS CALL .....	193,389	193,389
057	RC-135 .....	191,332	191,332
058	E-3 .....	172,141	172,141
059	E-4 .....	58,803	58,803
060	E-8 .....	11,037	38,037
	Program increase .....		[27,000]
061	AIRBORNE WARNING AND CNTRL SYS (AWACS) 40/45 .....	53,343	53,343
062	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	1,573	1,573
063	H-1 .....	4,410	4,410
064	H-60 .....	44,538	44,538
065	RQ-4 MODS .....	40,468	40,468
066	HC/MC-130 MODIFICATIONS .....	20,780	20,780
067	OTHER AIRCRAFT .....	100,774	100,774
068	MQ-9 MODS .....	188,387	188,387
070	CV-22 MODS .....	122,306	328,506
	SOCOM UPL .....		[206,200]
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
071	INITIAL SPARES/REPAIR PARTS .....	926,683	915,383
	Unobligated balances—F-16s .....		[-11,300]
	<b>COMMON SUPPORT EQUIPMENT</b>		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	132,719	132,719
	<b>POST PRODUCTION SUPPORT</b>		
074	B-2A .....	1,683	1,683
075	B-2B .....	46,734	46,734
076	B-52 .....	1,034	1,034
079	E-11 BACN/HAG .....	63,419	63,419
080	F-15 .....	2,632	2,632
081	F-16 .....	14,163	14,163
083	OTHER AIRCRAFT .....	4,595	4,595
084	RQ-4 POST PRODUCTION CHARGES .....	32,585	32,585
	<b>INDUSTRIAL PREPAREDNESS</b>		
085	INDUSTRIAL RESPONSIVENESS .....	18,215	18,215
	<b>WAR CONSUMABLES</b>		
086	WAR CONSUMABLES .....	36,046	36,046
	<b>OTHER PRODUCTION CHARGES</b>		
087	OTHER PRODUCTION CHARGES .....	1,439,640	1,439,640
	<b>CLASSIFIED PROGRAMS</b>		
89A	CLASSIFIED PROGRAMS .....	21,692	21,692
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>17,908,145</b>	<b>17,444,145</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>		
001	MISSILE REPLACEMENT EQ-BALLISTIC .....	75,012	75,012
	<b>TACTICAL</b>		
002	REPLAC EQUIP & WAR CONSUMABLES .....	4,495	4,495
004	JOINT AIR-SURFACE STANDOFF MISSILE .....	475,949	475,949
005	LRASMO .....	19,800	19,800
006	SIDEWINDER (AIM-9X) .....	164,769	164,769
007	AMRAAM .....	453,223	453,223
008	PREDATOR HELLFIRE MISSILE .....	40,129	40,129
009	SMALL DIAMETER BOMB .....	45,475	45,475
010	SMALL DIAMETER BOMB II .....	273,272	273,272
	<b>INDUSTRIAL FACILITIES</b>		
011	INDUSTRIAL PREPAREDNS/POL PREVENTION .....	814	814
	<b>CLASS IV</b>		
013	ICBM FUZE MOD .....	3,458	3,458
014	ICBM FUZE MOD AP .....	43,450	43,450
015	MM III MODIFICATIONS .....	85,310	85,310
016	AGM-65D MAVERICK .....	298	298
017	AIR LAUNCH CRUISE MISSILE (ALCM) .....	52,924	52,924
	<b>MISSILE SPARES AND REPAIR PARTS</b>		
018	MSL SPRS/REPAIR PARTS (INITIAL) .....	9,402	9,402
019	MSL SPRS/REPAIR PARTS (REPLEN) .....	84,671	84,671
	<b>SPECIAL PROGRAMS</b>		
025	SPECIAL UPDATE PROGRAMS .....	23,501	23,501
	<b>CLASSIFIED PROGRAMS</b>		
25A	CLASSIFIED PROGRAMS .....	540,465	540,465
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....	<b>2,396,417</b>	<b>2,396,417</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
001	ROCKETS .....	14,962	14,962
	<b>CARTRIDGES</b>		
002	CARTRIDGES .....	123,365	123,365
	<b>BOMBS</b>		
003	PRACTICE BOMBS .....	59,725	59,725
006	JOINT DIRECT ATTACK MUNITION .....	206,989	206,989
007	B61 .....	35,634	35,634

**SEC. 4101. PROCUREMENT**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>OTHER ITEMS</b>			
009	CAD/PAD .....	47,830	47,830
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....	6,232	6,232
011	SPARES AND REPAIR PARTS .....	542	542
012	MODIFICATIONS .....	1,310	1,310
013	ITEMS LESS THAN \$5,000,000 .....	4,753	4,753
<b>FLARES</b>			
015	FLARES .....	40,088	40,088
<b>FUZES</b>			
016	FUZES .....	40,983	40,983
<b>SMALL ARMS</b>			
017	SMALL ARMS .....	13,925	13,925
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b>	<b>596,338</b>	<b>596,338</b>
<b>PROCUREMENT, SPACE FORCE</b>			
<b>SPACE PROCUREMENT, SF</b>			
001	ADVANCED EHF .....	14,823	14,823
002	AF SATELLITE COMM SYSTEM .....	48,326	43,326
	Insufficient justification .....		[-5,000]
003	COUNTERSPACE SYSTEMS .....	65,540	57,540
	Insufficient justification .....		[-8,000]
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	66,190	66,190
005	GENERAL INFORMATION TECH—SPACE .....	3,299	3,299
006	GPSIII FOLLOW ON .....	627,796	612,796
	Unjustified growth .....		[-15,000]
007	GPS III SPACE SEGMENT .....	20,122	20,122
008	GLOBAL POSITIONING (SPACE) .....	2,256	2,256
009	SPACEBORNE EQUIP (COMSEC) .....	35,495	35,495
010	MILSATCOM .....	15,795	15,795
011	SBIR HIGH (SPACE) .....	160,891	160,891
012	SPECIAL SPACE ACTIVITIES .....	78,387	78,387
013	NATIONAL SECURITY SPACE LAUNCH .....	1,043,171	1,043,171
014	NUDET DETECTION SYSTEM .....	6,638	6,638
015	ROCKET SYSTEMS LAUNCH PROGRAM .....	47,741	47,741
016	SPACE FENCE .....	11,279	11,279
017	SPACE MODS .....	96,551	86,551
	Insufficient justification .....		[-10,000]
018	SPACELIFT RANGE SYSTEM SPACE .....	100,492	100,492
<b>SPARES</b>			
019	SPARES AND REPAIR PARTS .....	1,272	1,272
	<b>TOTAL PROCUREMENT, SPACE FORCE .....</b>	<b>2,446,064</b>	<b>2,408,064</b>
<b>OTHER PROCUREMENT, AIR FORCE</b>			
<b>PASSENGER CARRYING VEHICLES</b>			
001	PASSENGER CARRYING VEHICLES .....	9,016	9,016
<b>CARGO AND UTILITY VEHICLES</b>			
002	MEDIUM TACTICAL VEHICLE .....	15,058	15,058
003	CAP VEHICLES .....	1,059	1,800
	Program increase .....		[741]
004	CARGO AND UTILITY VEHICLES .....	38,920	38,920
<b>SPECIAL PURPOSE VEHICLES</b>			
005	JOINT LIGHT TACTICAL VEHICLE .....	30,544	30,544
006	SECURITY AND TACTICAL VEHICLES .....	319	319
007	SPECIAL PURPOSE VEHICLES .....	43,157	36,881
	Unjustified request .....		[-6,276]
<b>FIRE FIGHTING EQUIPMENT</b>			
008	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	8,621	8,621
<b>MATERIALS HANDLING EQUIPMENT</b>			
009	MATERIALS HANDLING VEHICLES .....	12,897	12,897
<b>BASE MAINTENANCE SUPPORT</b>			
010	RUNWAY SNOW REMOV AND CLEANING EQU .....	3,577	3,577
011	BASE MAINTENANCE SUPPORT VEHICLES .....	43,095	43,095
<b>COMM SECURITY EQUIPMENT(COMSEC)</b>			
013	COMSEC EQUIPMENT .....	54,864	54,864
<b>INTELLIGENCE PROGRAMS</b>			
014	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	9,283	9,283
015	INTELLIGENCE TRAINING EQUIPMENT .....	6,849	6,849
016	INTELLIGENCE COMM EQUIPMENT .....	33,471	33,471
<b>ELECTRONICS PROGRAMS</b>			
017	AIR TRAFFIC CONTROL & LANDING SYS .....	29,409	29,409
018	BATTLE CONTROL SYSTEM—FIXED .....	7,909	7,909
019	THEATER AIR CONTROL SYS IMPROVEMEN .....	32,632	32,632
020	WEATHER OBSERVATION FORECAST .....	33,021	33,021
021	STRATEGIC COMMAND AND CONTROL .....	31,353	31,353
022	CHEYENNE MOUNTAIN COMPLEX .....	10,314	10,314
023	MISSION PLANNING SYSTEMS .....	15,132	15,132
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....	9,806	9,806
<b>SPCL COMM-ELECTRONICS PROJECTS</b>			



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026	GENERAL INFORMATION TECHNOLOGY .....	39,887	39,887
027	AF GLOBAL COMMAND & CONTROL SYS .....	2,602	2,602
029	MOBILITY COMMAND AND CONTROL .....	10,541	10,541
030	AIR FORCE PHYSICAL SECURITY SYSTEM .....	96,277	96,277
031	COMBAT TRAINING RANGES .....	195,185	195,185
032	MINIMUM ESSENTIAL EMERGENCY COMM N .....	29,664	29,664
033	WIDE AREA SURVEILLANCE (WAS) .....	59,633	59,633
034	C3 COUNTERMEASURES .....	105,584	105,584
036	DEFENSE ENTERPRISE ACCOUNTING & MGT SYS .....	899	899
038	THEATER BATTLE MGT C2 SYSTEM .....	3,392	3,392
039	AIR & SPACE OPERATIONS CENTER (AOC) .....	24,983	24,983
	<b>AIR FORCE COMMUNICATIONS</b>		
041	BASE INFORMATION TRANSP T INFRAS T (BITI) WIRED .....	19,147	19,147
042	AFNET .....	84,515	84,515
043	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	6,185	6,185
044	USCENTCOM .....	19,649	19,649
045	USSTRATCOM .....	4,337	4,337
	<b>ORGANIZATION AND BASE</b>		
046	TACTICAL C-E EQUIPMENT .....	137,033	137,033
047	RADIO EQUIPMENT .....	15,264	15,264
049	BASE COMM INFRAS T RUC TURE .....	132,281	132,281
	<b>MODIFICATIONS</b>		
050	COMM ELECT MODS .....	21,471	21,471
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>		
051	PERSONAL SAFETY AND RESCUE EQUIPMENT .....	49,578	49,578
	<b>DEPOT PLANT+MTRLS HANDLING EQ</b>		
052	POWER CONDITIONING EQUIPMENT .....	11,454	11,454
053	MECHANIZED MATERIAL HANDLING EQUIP .....	12,110	12,110
	<b>BASE SUPPORT EQUIPMENT</b>		
054	BASE PROCURED EQUIPMENT .....	21,142	21,142
055	ENGINEERING AND EOD EQUIPMENT .....	7,700	7,700
056	MOBILITY EQUIPMENT .....	18,266	18,266
057	FUELS SUPPORT EQUIPMENT (FSE) .....	9,601	9,601
058	BASE MAINTENANCE AND SUPPORT EQUIPMENT .....	42,078	35,078
	Unjustified request .....		[-7,000]
	<b>SPECIAL SUPPORT PROJECTS</b>		
060	DARP RC135 .....	27,164	27,164
061	DCGS-AF .....	121,528	121,528
063	SPECIAL UPDATE PROGRAM .....	782,641	782,641
	<b>CLASSIFIED PROGRAMS</b>		
63A	CLASSIFIED PROGRAMS .....	21,086,112	21,026,112
	Program adjustment .....		[-60,000]
	<b>SPARES AND REPAIR PARTS</b>		
064	SPARES AND REPAIR PARTS (CYBER) .....	1,664	1,664
065	SPARES AND REPAIR PARTS .....	15,847	15,847
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b>	<b>23,695,720</b>	<b>23,623,185</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, DCMA</b>		
002	MAJOR EQUIPMENT .....	1,398	1,398
	<b>MAJOR EQUIPMENT, DCSA</b>		
003	MAJOR EQUIPMENT .....	2,212	2,212
	<b>MAJOR EQUIPMENT, DHRA</b>		
005	PERSONNEL ADMINISTRATION .....	4,213	4,213
	<b>MAJOR EQUIPMENT, DISA</b>		
011	INFORMATION SYSTEMS SECURITY .....	17,211	17,211
012	TELEPORT PROGRAM .....	29,841	29,841
013	JOINT FORCES HEADQUARTERS—DODIN .....	3,091	3,091
014	ITEMS LESS THAN \$5 MILLION .....	41,569	41,569
016	DEFENSE INFORMATION SYSTEM NETWORK .....	26,978	26,978
017	WHITE HOUSE COMMUNICATION AGENCY .....	44,161	44,161
018	SENIOR LEADERSHIP ENTERPRISE .....	35,935	35,935
019	JOINT REGIONAL SECURITY STACKS (JRSS) .....	88,741	8,741
	Program decrease .....		[-80,000]
020	JOINT SERVICE PROVIDER .....	157,538	157,538
021	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO) .....	42,084	42,084
	<b>MAJOR EQUIPMENT, DLA</b>		
023	MAJOR EQUIPMENT .....	417,459	417,459
	<b>MAJOR EQUIPMENT, DMACT</b>		
024	MAJOR EQUIPMENT .....	7,993	7,993
	<b>MAJOR EQUIPMENT, DODEA</b>		
025	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....	1,319	1,319
	<b>MAJOR EQUIPMENT, DPAA</b>		
026	MAJOR EQUIPMENT, DPAA .....	500	500
	<b>MAJOR EQUIPMENT, DEFENSE SECURITY COOPERATION AGENCY</b>		
027	REGIONAL CENTER PROCUREMENT .....	1,598	1,598
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
028	VEHICLES .....	215	215
029	OTHER MAJOR EQUIPMENT .....	9,994	9,994
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>		
031	THAAD .....	495,396	601,396
	THAAD battery #8 .....		[106,000]
034	AEGIS BMD .....	356,195	356,195
035	AEGIS BMD AP .....	44,901	44,901
037	SM-3 ILLAS .....	218,322	333,322
	Increase SM-3 Block IIA quantities .....		[115,000]
038	ARROW 3 UPPER TIER SYSTEMS .....	77,000	77,000
039	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) .....	50,000	50,000
040	AEGIS ASHORE PHASE III .....	39,114	39,114
041	IRON DOME .....	73,000	73,000
042	AEGIS BMD HARDWARE AND SOFTWARE .....	104,241	104,241
	<b>MAJOR EQUIPMENT, NSA</b>		
048	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....	101	101
	<b>MAJOR EQUIPMENT, OSD</b>		
049	MAJOR EQUIPMENT, OSD .....	3,099	3,099
	<b>MAJOR EQUIPMENT, TJS</b>		
050	MAJOR EQUIPMENT, TJS .....	8,329	8,329
051	MAJOR EQUIPMENT—TJS CYBER .....	1,247	1,247
	<b>MAJOR EQUIPMENT, WHS</b>		
053	MAJOR EQUIPMENT, WHS .....	515	515
	<b>CLASSIFIED PROGRAMS</b>		
54A	CLASSIFIED PROGRAMS .....	554,264	554,264
	<b>AVIATION PROGRAMS</b>		
055	ARMED OVERWATCH/TARGETING .....	101,000	21,000
	Program decrease .....		[-80,000]
059	ROTARY WING UPGRADES AND SUSTAINMENT .....	211,041	211,041
060	UNMANNED ISR .....	25,488	20,488
	Program decrease .....		[-5,000]
061	NON-STANDARD AVIATION .....	61,874	56,874
	Program decrease .....		[-5,000]
062	U-28 .....	3,825	3,825
063	MH-47 CHINOOK .....	135,482	135,482
064	CV-22 MODIFICATION .....	14,829	14,829
065	MQ-9 UNMANNED AERIAL VEHICLE .....	6,746	6,746
066	PRECISION STRIKE PACKAGE .....	243,111	238,111
	Program decrease .....		[-5,000]
067	AC/MC-130J .....	163,914	163,914
068	C-130 MODIFICATIONS .....	20,414	20,414
	<b>SHIPBUILDING</b>		
069	UNDERWATER SYSTEMS .....	20,556	20,556
	<b>AMMUNITION PROGRAMS</b>		
070	ORDNANCE ITEMS <\$5M .....	186,197	186,197
	<b>OTHER PROCUREMENT PROGRAMS</b>		
071	INTELLIGENCE SYSTEMS .....	94,982	94,982
072	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	11,645	11,645
073	OTHER ITEMS <\$5M .....	96,333	96,333
074	COMBATANT CRAFT SYSTEMS .....	17,278	17,278
075	SPECIAL PROGRAMS .....	78,865	71,365
	Program decrease .....		[-7,500]
076	TACTICAL VEHICLES .....	30,158	30,158
077	WARRIOR SYSTEMS <\$5M .....	260,733	260,733
078	COMBAT MISSION REQUIREMENTS .....	19,848	19,848
079	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	2,401	2,401
080	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	13,861	8,861
	Program decrease .....		[-5,000]
081	OPERATIONAL ENHANCEMENTS .....	247,038	242,038
	Program decrease .....		[-5,000]
	<b>CBDP</b>		
082	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....	147,150	147,150
083	CB PROTECTION & HAZARD MITIGATION .....	149,944	149,944
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE</b>	<b>5,324,487</b>	<b>5,352,987</b>
	<b>TOTAL PROCUREMENT</b> .....	<b>130,684,160</b>	<b>132,632,847</b>

1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY

2 OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
<b>ROTARY</b>			
009	AH-64 APACHE BLOCK IIIB NEW BUILD .....	69,154	64,354
	Unjustified costs .....		[-4,800]
014	CH-47 HELICOPTER .....	50,472	50,472
<b>MODIFICATION OF AIRCRAFT</b>			
017	MQ-1 PAYLOAD (MIP) .....	5,968	5,968
020	MULTI SENSOR ABN RECON (MIP) .....	122,520	122,520
025	EMARSS SEMA MODS (MIP) .....	26,460	26,460
030	DEGRADED VISUAL ENVIRONMENT .....	1,916	1,916
<b>GROUND SUPPORT AVIONICS</b>			
037	CMWS .....	149,162	149,162
038	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	32,400	32,400
<b>OTHER SUPPORT</b>			
041	AIRCREW INTEGRATED SYSTEMS .....	3,028	3,028
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>461,080</b>	<b>456,280</b>
<b>MISSILE PROCUREMENT, ARMY</b>			
<b>SURFACE-TO-AIR MISSILE SYSTEM</b>			
002	M-SHORAD—PROCUREMENT .....	158,300	158,300
003	MSE MISSILE .....	176,585	176,585
<b>AIR-TO-SURFACE MISSILE SYSTEM</b>			
006	HELLFIRE SYS SUMMARY .....	236,265	236,265
<b>ANTI-TANK/ASSAULT MISSILE SYS</b>			
011	GUIDED MLRS ROCKET (GMLRS) .....	127,015	127,015
015	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....	84,993	84,993
<b>MODIFICATIONS</b>			
017	ATACMS MODS .....	78,434	78,434
022	MLRS MODS .....	20,000	20,000
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>881,592</b>	<b>881,592</b>
<b>PROCUREMENT OF W&amp;TCV, ARMY</b>			
<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>			
016	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	4,765	4,765
018	MORTAR SYSTEMS .....	10,460	10,460
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>15,225</b>	<b>15,225</b>
<b>PROCUREMENT OF AMMUNITION, ARMY</b>			
<b>SMALL/MEDIUM CAL AMMUNITION</b>			
001	CTG, 5.56MM, ALL TYPES .....	567	567
002	CTG, 7.62MM, ALL TYPES .....	40	40
004	CTG, HANDGUN, ALL TYPES .....	17	17
005	CTG, .50 CAL, ALL TYPES .....	189	189
008	CTG, 30MM, ALL TYPES .....	24,900	24,900
<b>ARTILLERY AMMUNITION</b>			
016	PROJ 155MM EXTENDED RANGE M982 .....	29,213	29,213
017	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	21,675	21,675
<b>ROCKETS</b>			
020	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	176	176
021	ROCKET, HYDRA 70, ALL TYPES .....	33,880	33,880
<b>MISCELLANEOUS</b>			
029	ITEMS LESS THAN \$5 MILLION (AMMO) .....	11	11
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>110,668</b>	<b>110,668</b>
<b>OTHER PROCUREMENT, ARMY</b>			
<b>TACTICAL VEHICLES</b>			
013	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	6,500	6,500
014	PLS ESP .....	15,163	15,163
017	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	27,066	27,066
<b>COMM—SATELLITE COMMUNICATIONS</b>			
030	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	2,700	2,700
032	ASSURED POSITIONING, NAVIGATION AND TIMING .....	12,566	12,566
033	SMART-T (SPACE) .....	289	289
034	GLOBAL BRDCST SVC—GBS .....	319	319
<b>COMM—COMBAT COMMUNICATIONS</b>			
045	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	1,257	1,257
<b>COMM—INTELLIGENCE COMM</b>			
048	CI AUTOMATION ARCHITECTURE (MIP) .....	1,230	1,230
<b>INFORMATION SECURITY</b>			
052	COMMUNICATIONS SECURITY (COMSEC) .....	128	128
<b>COMM—BASE COMMUNICATIONS</b>			
058	INFORMATION SYSTEMS .....	15,277	15,277
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	74,004	74,004

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
068	DCGS-A (MIP) .....	47,709	47,709
070	TROJAN (MIP) .....	1,766	1,766
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	61,450	61,450
073	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	12,337	12,337
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
080	FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP) .....	44,293	44,293
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	49,100	49,100
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
083	SENTINEL MODS .....	33,496	33,496
084	NIGHT VISION DEVICES .....	643	643
087	RADIATION MONITORING SYSTEMS .....	11	11
088	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	37,000	37,000
094	COMPUTER BALLISTICS: LHMC XM32 .....	280	280
095	MORTAR FIRE CONTROL SYSTEM .....	13,672	13,672
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	15,143	15,143
	<b>ELECT EQUIP—AUTOMATION</b>		
109	ARMY TRAINING MODERNIZATION .....	4,688	4,688
110	AUTOMATED DATA PROCESSING EQUIP .....	16,552	16,552
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
121	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....	25,480	25,480
122	BASE DEFENSE SYSTEMS (BDS) .....	98,960	98,960
123	CBRN DEFENSE .....	18,887	18,887
	<b>BRIDGING EQUIPMENT</b>		
125	TACTICAL BRIDGING .....	50,400	50,400
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
137	RENDER SAFE SETS KITS OUTFITS .....	84,000	84,000
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
140	HEATERS AND ECUS .....	370	370
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	3,721	3,721
145	FORCE PROVIDER .....	56,400	56,400
146	FIELD FEEDING EQUIPMENT .....	2,279	2,279
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	2,040	2,040
	<b>PETROLEUM EQUIPMENT</b>		
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	4,374	4,374
	<b>MEDICAL EQUIPMENT</b>		
151	COMBAT SUPPORT MEDICAL .....	6,390	6,390
	<b>MAINTENANCE EQUIPMENT</b>		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	7,769	7,769
153	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	184	184
	<b>CONSTRUCTION EQUIPMENT</b>		
156	LOADERS .....	3,190	3,190
157	HYDRAULIC EXCAVATOR .....	7,600	7,600
158	TRACTOR, FULL TRACKED .....	7,450	7,450
160	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	3,703	3,703
162	CONST EQUIP ESP .....	657	657
	<b>GENERATORS</b>		
167	GENERATORS AND ASSOCIATED EQUIP .....	106	106
	<b>MATERIAL HANDLING EQUIPMENT</b>		
169	FAMILY OF FORKLIFTS .....	1,885	1,885
	<b>OTHER SUPPORT EQUIPMENT</b>		
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,500	8,500
181	PHYSICAL SECURITY SYSTEMS (OPA3) .....	3,248	3,248
185	BUILDING, PRE-FAB, RELOCATABLE .....	31,845	31,845
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>924,077</b>	<b>924,077</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>OTHER AIRCRAFT</b>		
024	STUASLO UAV .....	7,921	7,921
	<b>MODIFICATION OF AIRCRAFT</b>		
053	COMMON ECM EQUIPMENT .....	3,474	3,474
055	COMMON DEFENSIVE WEAPON SYSTEM .....	3,339	3,339
064	QRC .....	18,507	18,507
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>33,241</b>	<b>33,241</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>TACTICAL MISSILES</b>		
012	HELLFIRE .....	5,572	5,572
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>5,572</b>	<b>5,572</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
001	GENERAL PURPOSE BOMBS .....	8,068	8,068
002	JDAM .....	15,529	15,529
003	AIRBORNE ROCKETS, ALL TYPES .....	23,000	23,000
004	MACHINE GUN AMMUNITION .....	22,600	22,600
006	CARTRIDGES & CART ACTUATED DEVICES .....	3,927	3,927

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
007	AIR EXPENDABLE COUNTERMEASURES .....	15,978	15,978
008	JATOS .....	2,100	2,100
011	OTHER SHIP GUN AMMUNITION .....	2,611	2,611
012	SMALL ARMS & LANDING PARTY AMMO .....	1,624	1,624
013	PYROTECHNIC AND DEMOLITION .....	505	505
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC .....</b>	<b>95,942</b>	<b>95,942</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>SMALL BOATS</b>		
028	STANDARD BOATS .....	19,104	19,104
	<b>OTHER SHIP SUPPORT</b>		
035	SMALL & MEDIUM UUV .....	2,946	2,946
	<b>ASW ELECTRONIC EQUIPMENT</b>		
043	FIXED SURVEILLANCE SYSTEM .....	213,000	213,000
	<b>SONOBUOYS</b>		
092	SONOBUOYS—ALL TYPES .....	26,196	26,196
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
095	AIRCRAFT SUPPORT EQUIPMENT .....	60,217	60,217
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	2,124	2,124
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
115	PASSENGER CARRYING VEHICLES .....	177	177
116	GENERAL PURPOSE TRUCKS .....	416	416
118	FIRE FIGHTING EQUIPMENT .....	801	801
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
125	FIRST DESTINATION TRANSPORTATION .....	520	520
	<b>TRAINING DEVICES</b>		
128	TRAINING AND EDUCATION EQUIPMENT .....	11,500	11,500
	<b>COMMAND SUPPORT EQUIPMENT</b>		
130	MEDICAL SUPPORT EQUIPMENT .....	3,525	3,525
136	PHYSICAL SECURITY EQUIPMENT .....	3,000	3,000
	<b>TOTAL OTHER PROCUREMENT, NAVY .....</b>	<b>343,526</b>	<b>343,526</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>GUIDED MISSILES</b>		
012	GUIDED MLRS ROCKET (GMLRS) .....	17,456	17,456
	<b>OTHER SUPPORT (TEL)</b>		
015	MODIFICATION KITS .....	4,200	4,200
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
022	INTELLIGENCE SUPPORT EQUIPMENT .....	10,124	10,124
	<b>TACTICAL VEHICLES</b>		
038	MOTOR TRANSPORT MODIFICATIONS .....	16,183	16,183
	<b>TOTAL PROCUREMENT, MARINE CORPS .....</b>	<b>47,963</b>	<b>47,963</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>HELICOPTERS</b>		
013	COMBAT RESCUE HELICOPTER .....	174,000	174,000
	<b>OTHER AIRCRAFT</b>		
020	MQ-9 .....	142,490	142,490
021	RQ-20B PUMA .....	13,770	13,770
	<b>STRATEGIC AIRCRAFT</b>		
026	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	57,521	57,521
	<b>OTHER AIRCRAFT</b>		
046	U-2 MODS .....	9,600	9,600
055	COMPASS CALL .....	12,800	12,800
066	HC/MC-130 MODIFICATIONS .....	58,020	58,020
069	MQ-9 UAS PAYLOADS .....	46,100	63,500
	WAMI combat loss replacement .....		[17,400]
070	CV-22 MODS .....	6,290	6,290
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
071	INITIAL SPARES/REPAIR PARTS .....	10,700	10,700
072	MQ-9 .....	12,250	12,250
	<b>COMMON SUPPORT EQUIPMENT</b>		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	25,614	25,614
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE .....</b>	<b>569,155</b>	<b>586,555</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL</b>		
004	JOINT AIR-SURFACE STANDOFF MISSILE .....	30,000	30,000
008	PREDATOR HELLFIRE MISSILE .....	143,420	143,420
009	SMALL DIAMETER BOMB .....	50,352	50,352
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>	<b>223,772</b>	<b>223,772</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
001	ROCKETS .....	19,489	19,489
	<b>CARTRIDGES</b>		
002	CARTRIDGES .....	40,434	40,434

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(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	<b>BOMBS</b>		
004	GENERAL PURPOSE BOMBS .....	369,566	369,566
006	JOINT DIRECT ATTACK MUNITION .....	237,723	237,723
	<b>FLARES</b>		
015	FLARES .....	21,171	21,171
	<b>FUZES</b>		
016	FUZES .....	107,855	107,855
	<b>SMALL ARMS</b>		
017	SMALL ARMS .....	6,217	6,217
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b>	<b>802,455</b>	<b>802,455</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
001	PASSENGER CARRYING VEHICLES .....	1,302	1,302
	<b>CARGO AND UTILITY VEHICLES</b>		
002	MEDIUM TACTICAL VEHICLE .....	3,400	3,400
004	CARGO AND UTILITY VEHICLES .....	12,475	12,475
	<b>SPECIAL PURPOSE VEHICLES</b>		
005	JOINT LIGHT TACTICAL VEHICLE .....	26,150	26,150
007	SPECIAL PURPOSE VEHICLES .....	51,254	51,254
	<b>FIRE FIGHTING EQUIPMENT</b>		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	24,903	24,903
	<b>MATERIALS HANDLING EQUIPMENT</b>		
009	MATERIALS HANDLING VEHICLES .....	14,167	14,167
	<b>BASE MAINTENANCE SUPPORT</b>		
010	RUNWAY SNOW REMOV AND CLEANING EQU .....	5,759	5,759
011	BASE MAINTENANCE SUPPORT VEHICLES .....	20,653	20,653
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
026	GENERAL INFORMATION TECHNOLOGY .....	5,100	5,100
030	AIR FORCE PHYSICAL SECURITY SYSTEM .....	56,496	56,496
	<b>ORGANIZATION AND BASE</b>		
049	BASE COMM INFRASTRUCTURE .....	30,717	30,717
	<b>BASE SUPPORT EQUIPMENT</b>		
055	ENGINEERING AND EOD EQUIPMENT .....	13,172	13,172
056	MOBILITY EQUIPMENT .....	33,694	33,694
057	FUELS SUPPORT EQUIPMENT (FSE) .....	1,777	1,777
058	BASE MAINTENANCE AND SUPPORT EQUIPMENT .....	31,620	31,620
	<b>SPECIAL SUPPORT PROJECTS</b>		
061	DCGS-AF .....	18,700	18,700
	<b>SPARES AND REPAIR PARTS</b>		
065	SPARES AND REPAIR PARTS .....	4,000	4,000
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE .....</b>	<b>355,339</b>	<b>355,339</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, DISA</b>		
016	DEFENSE INFORMATION SYSTEM NETWORK .....	6,120	6,120
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		
030	COUNTER IMPROVISED THREAT TECHNOLOGIES .....	2,540	2,540
	<b>CLASSIFIED PROGRAMS</b>		
54A	CLASSIFIED PROGRAMS .....	3,500	3,500
	<b>AVIATION PROGRAMS</b>		
056	MANNED ISR .....	5,000	45,100
	<i>Combat loss replacement—DHC-8 .....</i>		<i>[40,100]</i>
057	MC-12 .....	5,000	5,000
060	UNMANNED ISR .....	8,207	8,207
	<b>AMMUNITION PROGRAMS</b>		
070	ORDNANCE ITEMS <\$5M .....	105,355	105,355
	<b>OTHER PROCUREMENT PROGRAMS</b>		
071	INTELLIGENCE SYSTEMS .....	16,234	16,234
073	OTHER ITEMS <\$5M .....	984	984
076	TACTICAL VEHICLES .....	2,990	2,990
077	WARRIOR SYSTEMS <\$5M .....	32,573	37,573
	<i>Development of autonomous, multi-sensor cUAS capabilities with kinetic effects ....</i>		<i>[5,000]</i>
078	COMBAT MISSION REQUIREMENTS .....	10,000	10,000
080	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	6,724	6,724
081	OPERATIONAL ENHANCEMENTS .....	53,264	53,264
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>258,491</b>	<b>303,591</b>
	<b>NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT</b>		
	<b>UNDISTRIBUTED</b>		
007	UNDISTRIBUTED .....		150,000
	<i>Program increase .....</i>		<i>[150,000]</i>
	<b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT AC- COUNT</b>		<b>150,000</b>
	<b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT .....</b>		<b>150,000</b>
	<b>TOTAL PROCUREMENT .....</b>	<b>5,128,098</b>	<b>5,485,798</b>

1 **TITLE XLII—RESEARCH, DEVEL-**  
 2 **OPMENT, TEST, AND EVALUA-**  
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 5 **TION.**

<b>SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b>				
<i>(In Thousands of Dollars)</i>				
<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>				
<b>BASIC RESEARCH</b>				
002	0601102A	DEFENSE RESEARCH SCIENCES .....	303,257	308,257
		Counter-UAS Army research lab .....		[5,000]
003	0601103A	UNIVERSITY RESEARCH INITIATIVES .....	67,148	67,148
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS .....	87,877	96,877
		Automotive research center modeling and simulation .....		[5,000]
		Biotechnology advancements .....		[4,000]
005	0601121A	CYBER COLLABORATIVE RESEARCH ALLIANCE .....	5,077	5,077
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>463,359</b>	<b>477,359</b>
<b>APPLIED RESEARCH</b>				
007	0602115A	BIOMEDICAL TECHNOLOGY .....	11,835	11,835
011	0602134A	COUNTER IMPROVISED-THREAT ADVANCED STUDIES .....	2,000	2,000
012	0602141A	LETHALITY TECHNOLOGY .....	42,425	47,425
		Next generation additive manufacturing and 3-D printed electronics .....		[5,000]
013	0602142A	ARMY APPLIED RESEARCH .....	30,757	30,757
014	0602143A	SOLDIER LETHALITY TECHNOLOGY .....	125,435	132,435
		HEROES program increase .....		[5,000]
		Syn-bio enabled functional materials for the soldier .....		[2,000]
015	0602144A	GROUND TECHNOLOGY .....	28,047	45,047
		Cold weather military research .....		[2,000]
		Materials recovery technologies for defense supply resiliency .....		[10,000]
		Polymeric composites via cold spray additive manufacturing .....		[5,000]
016	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY .....	217,565	217,565
017	0602146A	NETWORK C3I TECHNOLOGY .....	114,404	122,404
		Alternative positioning navigation and timing .....		[5,000]
		Sensor and electronic network initiatives .....		[3,000]
018	0602147A	LONG RANGE PRECISION FIRES TECHNOLOGY .....	60,553	60,553
019	0602148A	FUTURE VERTICLE LIFT TECHNOLOGY .....	96,484	96,484
020	0602150A	AIR AND MISSILE DEFENSE TECHNOLOGY .....	56,298	76,298
		Advanced tracking and targeting capability .....		[5,000]
		High energy laser technology .....		[5,000]
		Radar research .....		[5,000]
		UAS threat detection .....		[5,000]
022	0602213A	C3I APPLIED CYBER .....	18,816	18,816
040	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....	20,766	20,766
042	0602787A	MEDICAL TECHNOLOGY .....	95,496	95,496
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>920,881</b>	<b>977,881</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
044	0603002A	MEDICAL ADVANCED TECHNOLOGY .....	38,896	38,896
049	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY .....	11,659	11,659
052	0603115A	MEDICAL DEVELOPMENT .....	27,723	27,723
053	0603117A	ARMY ADVANCED TECHNOLOGY DEVELOPMENT .....	62,663	62,663
054	0603118A	SOLDIER LETHALITY ADVANCED TECHNOLOGY .....	109,608	118,608
		Advanced AI/AA analytics for modernization and readiness .....		[5,000]
		Anthropomorphic study for body armor modernization .....		[4,000]
055	0603119A	GROUND ADVANCED TECHNOLOGY .....	14,795	23,295
		Rapid entry and sustainment for the arctic .....		[5,000]
		Survivability and energy reduction of hard shelters .....		[3,500]
059	0603134A	COUNTER IMPROVISED-THREAT SIMULATION .....	25,000	25,000
063	0603457A	C3I CYBER ADVANCED DEVELOPMENT .....	23,357	23,357
064	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM .....	188,024	188,024
065	0603462A	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY .....	199,358	201,358
		Cyber security support for vehicle development .....		[2,000]
066	0603463A	NETWORK C3I ADVANCED TECHNOLOGY .....	158,608	163,608
		Tactical geospatial information development .....		[5,000]
067	0603464A	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY .....	121,060	131,060
		Hypervelocity projectile .....		[10,000]

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068	0603465A	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY .....	156,194	156,194
069	0603466A	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY .....	58,130	63,130
		Program acceleration .....		[5,000]
077	0603920A	HUMANITARIAN DEMINING .....	8,515	8,515
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>1,203,590</b>	<b>1,243,090</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-TYPES</b>		
078	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....	11,062	21,062
		Accelerated test and integration .....		[10,000]
079	0603308A	ARMY SPACE SYSTEMS INTEGRATION .....	26,230	26,230
080	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	26,482	26,482
081	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV .....	64,092	66,092
		MICLIC replacement development .....		[2,000]
083	0603639A	TANK AND MEDIUM CALIBER AMMUNITION .....	92,753	92,753
084	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV .....	151,478	178,978
		Fuel cell powered vehicle development .....		[15,000]
		Modeling and Simulation support for vehicle development .....		[12,500]
085	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	5,841	5,841
086	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV .....	194,775	194,775
087	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....	24,316	24,316
088	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....	13,387	13,387
089	0603790A	NATO RESEARCH AND DEVELOPMENT .....	4,762	4,762
090	0603801A	AVIATION—ADV DEV .....	647,937	647,937
091	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....	4,761	4,761
092	0603807A	MEDICAL SYSTEMS—ADV DEV .....	28,520	28,520
093	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....	26,138	23,138
		IHPS program delays .....		[-3,000]
094	0604017A	ROBOTICS DEVELOPMENT .....	121,207	115,407
		Program reduction .....		[-5,800]
096	0604021A	ELECTRONIC WARFARE TECHNOLOGY MATURATION (MIP) .....	22,840	22,840
097	0604035A	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY .....	22,678	22,678
098	0604100A	ANALYSIS OF ALTERNATIVES .....	10,082	10,082
099	0604101A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4) .....	1,378	1,378
100	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS) .....	40,083	40,083
101	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....	376,373	376,373
102	0604115A	TECHNOLOGY MATURATION INITIATIVES .....	156,834	156,834
103	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	4,995	4,995
105	0604119A	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING .....	170,490	170,490
106	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....	128,125	128,125
107	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING .....	129,547	129,547
108	0604134A	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING .....	13,831	13,831
109	0604182A	HYPERSONICS .....	801,417	801,417
111	0604403A	FUTURE INTERCEPTOR .....	7,992	7,992
112	0604541A	UNIFIED NETWORK TRANSPORT .....	40,677	40,677
115	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....	50,525	50,525
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>3,421,608</b>	<b>3,452,308</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
118	0604201A	AIRCRAFT AVIONICS .....	2,764	2,764
119	0604270A	ELECTRONIC WARFARE DEVELOPMENT .....	62,426	62,426
121	0604601A	INFANTRY SUPPORT WEAPONS .....	91,574	98,574
		Advanced gunner protection kit development .....		[2,000]
		Soldier Enhancement Program .....		[5,000]
122	0604604A	MEDIUM TACTICAL VEHICLES .....	8,523	8,523
123	0604611A	JAVELIN .....	7,493	7,493
124	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES .....	24,792	24,792
125	0604633A	AIR TRAFFIC CONTROL .....	3,511	3,511
126	0604642A	LIGHT TACTICAL WHEELED VEHICLES .....	1,976	1,976
127	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....	135,488	135,488
128	0604710A	NIGHT VISION SYSTEMS—ENG DEV .....	61,445	61,445
129	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....	2,814	2,814
130	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV .....	28,036	28,036
131	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV .....	43,651	39,651
		Army identified funds excess to need .....		[-4,000]
132	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....	10,150	10,150
133	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....	5,578	5,578
134	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV .....	7,892	7,892
135	0604768A	BRILLIANT ANTI-ARMOR SUBUNITION (BAT) .....	24,975	24,975
136	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....	3,568	3,568
137	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....	19,268	19,268
138	0604802A	WEAPONS AND MUNITIONS—ENG DEV .....	265,811	265,811
139	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....	49,694	49,694
140	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV .....	11,079	11,079



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141	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	49,870	49,870
142	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	9,589	9,589
143	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	162,513	152,513
		Command post integrated infrastructure contract delay		[-10,000]
144	0604820A	RADAR DEVELOPMENT	109,259	109,259
145	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	21,201	21,201
146	0604823A	FIREFINDER	20,008	16,808
		Prior year carry-over		[-3,200]
147	0604827A	SOLDIER SYSTEMS—WARRIOR DEMVAL	6,534	6,534
148	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	82,459	109,380
		Prior year carry-over		[-5,079]
		Program increase for vehicle protection systems		[32,000]
149	0604854A	ARTILLERY SYSTEMS—EMD	11,611	11,611
150	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	142,678	137,678
		Reprioritization		[-5,000]
151	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	115,286	115,286
152	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	96,594	76,594
		Army identified funds excess to need		[-20,000]
154	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	16,264	16,264
155	0605031A	JOINT TACTICAL NETWORK (JTN)	31,696	31,696
157	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EX-PEDITIONARY (GBOSS-E).	5,976	5,976
159	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	23,321	23,321
161	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	4,846	4,846
162	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	28,544	28,544
163	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	28,178	28,178
164	0605047A	CONTRACT WRITING SYSTEM	22,860	22,860
166	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	35,893	35,893
167	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	235,770	187,970
		Army identified funds excess to need		[-47,800]
168	0605053A	GROUND ROBOTICS	13,710	13,710
169	0605054A	EMERGING TECHNOLOGY INITIATIVES	294,739	294,739
170	0605145A	MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT	954	954
171	0605203A	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	150,201	150,201
172	0605205A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)	5,999	5,999
174	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	8,891	8,891
175	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (ALAMD)	193,929	193,929
176	0605625A	MANNED GROUND VEHICLE	327,732	244,732
		Army identified funds excess to need		[-83,000]
177	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	7,670	7,670
178	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	1,742	1,742
179	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	1,467	1,467
180	0303032A	TROJAN—RH12	3,451	3,451
183	0304270A	ELECTRONIC WARFARE DEVELOPMENT	55,855	55,855
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>3,199,798</b>	<b>3,060,719</b>
		<b>MANAGEMENT SUPPORT</b>		
185	0604256A	THREAT SIMULATOR DEVELOPMENT	14,515	14,515
186	0604258A	TARGET SYSTEMS DEVELOPMENT	10,668	10,668
187	0604759A	MAJOR T&E INVESTMENT	106,270	106,270
188	0605103A	RAND ARROYO CENTER	13,481	13,481
189	0605301A	ARMY KWAJALEIN ATOLL	231,824	231,824
190	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	54,898	54,898
192	0605601A	ARMY TEST RANGES AND FACILITIES	350,359	350,359
193	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	48,475	62,975
		Aviation component testing		[5,000]
		Testing additive manufacturing technology		[9,500]
194	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	36,001	36,001
195	0605606A	AIRCRAFT CERTIFICATION	2,736	2,736
196	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,488	6,488
197	0605706A	MATERIEL SYSTEMS ANALYSIS	21,859	21,859
198	0605709A	EXPLOITATION OF FOREIGN ITEMS	7,936	7,936
199	0605712A	SUPPORT OF OPERATIONAL TESTING	54,470	54,470
200	0605716A	ARMY EVALUATION CENTER	63,141	63,141
201	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	2,572	2,572
202	0605801A	PROGRAMWIDE ACTIVITIES	87,472	87,472
203	0605803A	TECHNICAL INFORMATION ACTIVITIES	26,244	26,244
204	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	40,133	45,133
		Program acceleration		[5,000]
205	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,780	1,780
206	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	55,045	55,045
208	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	71,306	71,306
209	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	1,063	1,063

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210	0606105A	MEDICAL PROGRAM-WIDE ACTIVITIES .....	19,891	19,891
211	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ....	4,496	4,496
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>1,333,123</b>	<b>1,352,623</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
214	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM .....	10,157	10,157
216	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT .....	8,682	8,682
217	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	20,409	20,409
219	0607134A	LONG RANGE PRECISION FIRES (LRPF) .....	122,733	56,633
		Program reduction .....		[-66,100]
221	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....	11,236	16,236
		Thermoplastic drive shafts .....		[5,000]
222	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM .....	46,091	51,091
		Carbon composite materials for wheels and brakes .....		[5,000]
224	0607139A	IMPROVED TURBINE ENGINE PROGRAM .....	249,257	249,257
225	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	17,155	17,155
226	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....	7,743	7,743
227	0607145A	APACHE FUTURE DEVELOPMENT .....	77,177	77,177
228	0607150A	INTEL CYBER DEVELOPMENT .....	14,652	14,652
229	0607312A	ARMY OPERATIONAL SYSTEMS DEVELOPMENT .....	35,851	35,851
230	0607665A	FAMILY OF BIOMETRICS .....	1,324	1,324
231	0607865A	PATRIOT PRODUCT IMPROVEMENT .....	187,840	187,840
232	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs).	44,691	44,691
233	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS .....	268,919	263,252
		CROWS-J program delay .....		[-5,667]
234	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....	427,254	420,963
		Prior year carry-over .....		[-6,291]
235	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	11,688	7,688
		Early to need .....		[-4,000]
236	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	80	80
237	0203758A	DIGITIZATION .....	4,516	4,516
238	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	1,288	1,288
239	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	79,424	79,424
243	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	259	259
244	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....	166	166
245	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....	75,575	75,575
246	0208053A	JOINT TACTICAL GROUND SYSTEM .....	9,510	9,510
249	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM .....	29,270	29,270
250	0303141A	GLOBAL COMBAT SUPPORT SYSTEM .....	86,908	86,908
251	0303142A	SATCOM GROUND ENVIRONMENT (SPACE) .....	18,684	18,684
256	0305179A	INTEGRATED BROADCAST SERVICE (IBS) .....	467	467
257	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	4,051	4,051
258	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	13,283	13,283
259	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	47,204	47,204
264	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....	61,012	67,012
		6.8mm projectile development .....		[4,000]
		Lightweight film armor development .....		[2,000]
266A	999999999	CLASSIFIED PROGRAMS .....	3,983	3,983
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>1,998,539</b>	<b>1,932,481</b>
		<b>SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>		
267	0608041A	DEFENSIVE CYBER—SOFTWARE PROTOTYPE DEVELOPMENT ....	46,445	46,445
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>	<b>46,445</b>	<b>46,445</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>12,587,343</b>	<b>12,542,906</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>		
		<b>BASIC RESEARCH</b>		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES .....	116,816	121,816
		Navy Defense University Research Instrumentation program increase .....		[5,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	19,113	19,113
003	0601153N	DEFENSE RESEARCH SCIENCES .....	467,158	467,158
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>603,087</b>	<b>608,087</b>
		<b>APPLIED RESEARCH</b>		
004	0602114N	POWER PROJECTION APPLIED RESEARCH .....	17,792	17,792
005	0602123N	FORCE PROTECTION APPLIED RESEARCH .....	122,281	147,281
		Additive manufacturing of unmanned maritime systems .....		[5,000]
		Cyber physical security and resiliency research .....		[5,000]
		Expeditionary unmanned systems launch and recovery .....		[5,000]

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		Talent and technology for power and energy systems .....		[5,000]
		Unmanned logistics technology .....		[5,000]
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY .....	50,623	50,623
007	0602235N	COMMON PICTURE APPLIED RESEARCH .....	48,001	48,001
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....	67,765	77,765
		High mobility ground robots .....		[5,000]
		Robotics in complex unstructured environments .....		[5,000]
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....	84,994	84,994
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH .....	63,392	73,392
		Extreme weather events research .....		[5,000]
		Program increase .....		[5,000]
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....	6,343	6,343
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH .....	56,397	86,397
		Academic partnerships for undersea vehicle research .....		[5,000]
		Autonomous undersea robotics .....		[10,000]
		Cross-domain autonomy for persistent maritime operations .....		[10,000]
		Expandable structures for operational effectiveness research .....		[5,000]
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....	167,590	167,590
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH .....	30,715	30,715
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH .....	160,537	160,537
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	76,745	76,745
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>953,175</b>	<b>1,028,175</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
017	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY .....	24,410	29,410
		Additive manufacturing .....		[5,000]
018	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY .....	8,008	8,008
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....	219,045	249,045
		Expeditionary autonomous logistics .....		[5,000]
		Heavy payload solar powered UAS .....		[20,000]
		Modular Advanced Armed Robotic System .....		[5,000]
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT .....	13,301	13,301
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	246,054	246,054
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM .....	60,122	60,122
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY .....	4,851	4,851
024	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS .....	40,709	40,709
025	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	1,948	1,948
026	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	141,948	161,948
		Accelerated railgun technology maturation .....		[20,000]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> .....	<b>760,396</b>	<b>815,396</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
027	0603178N	MEDIUM AND LARGE UNMANNED SURFACE VEHICLES (USVs) ...	464,042	270,442
		EPF conversion to LUSV prototype .....		[45,000]
		Two additional Overlord vessels excess to need .....		[-238,600]
028	0603207N	AIR/OCEAN TACTICAL APPLICATIONS .....	35,386	35,386
029	0603216N	AVIATION SURVIVABILITY .....	13,428	13,428
030	0603239N	ISO NAVAL CONSTRUCTION FORCES .....	2,350	2,350
031	0603251N	AIRCRAFT SYSTEMS .....	418	418
032	0603254N	ASW SYSTEMS DEVELOPMENT .....	15,719	15,719
033	0603261N	TACTICAL AIRBORNE RECONNAISSANCE .....	3,411	3,411
034	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY .....	70,218	70,218
035	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES .....	52,358	52,358
036	0603506N	SURFACE SHIP TORPEDO DEFENSE .....	12,816	12,816
037	0603512N	CARRIER SYSTEMS DEVELOPMENT .....	7,559	7,559
038	0603525N	PILOT FISH .....	358,757	278,557
		Excess cost growth .....		[-25,000]
		Program adjustment .....		[-55,200]
039	0603527N	RETRACT LARCH .....	12,562	12,562
040	0603536N	RETRACT JUNIPER .....	148,000	148,000
041	0603542N	RADIOLOGICAL CONTROL .....	778	778
042	0603553N	SURFACE ASW .....	1,161	1,161
043	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....	185,356	90,356
		Excessive accelerated development .....		[-28,200]
		Project 1 insufficient budget justification .....		[-66,800]
044	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS .....	10,528	10,528
045	0603563N	SHIP CONCEPT ADVANCED DESIGN .....	126,396	136,396
		Expeditionary sustainment and repair-related technologies .....		[5,000]
		Polymorphic build farm for open source technologies .....		[5,000]
046	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....	70,270	70,270
047	0603570N	ADVANCED NUCLEAR POWER SYSTEMS .....	149,188	149,188
048	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS .....	38,449	38,449
049	0603576N	CHALK EAGLE .....	71,181	71,181

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050	0603581N	LITTORAL COMBAT SHIP (LCS) .....	32,178	32,178
051	0603582N	COMBAT SYSTEM INTEGRATION .....	17,843	17,843
052	0603595N	OHIO REPLACEMENT .....	317,196	317,196
053	0603596N	LCS MISSION MODULES .....	67,875	67,875
054	0603597N	AUTOMATED TEST AND ANALYSIS .....	4,797	4,797
055	0603599N	FRIGATE DEVELOPMENT .....	82,309	82,309
056	0603609N	CONVENTIONAL MUNITIONS .....	9,922	9,922
057	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....	189,603	182,603
		Program delay .....		[-7,000]
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	43,084	43,084
059	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....	6,346	6,346
060	0603721N	ENVIRONMENTAL PROTECTION .....	20,601	20,601
061	0603724N	NAVY ENERGY PROGRAM .....	23,422	23,422
062	0603725N	FACILITIES IMPROVEMENT .....	4,664	4,664
063	0603734N	CHALK CORAL .....	545,763	520,763
		Excess cost growth .....		[-25,000]
064	0603739N	NAVY LOGISTIC PRODUCTIVITY .....	3,884	3,884
065	0603746N	RETRACT MAPLE .....	353,226	353,226
066	0603748N	LINK PLUMERIA .....	544,388	519,388
		Excess cost growth .....		[-25,000]
067	0603751N	RETRACT ELM .....	86,730	86,730
068	0603764M	LINK EVERGREEN .....	236,234	236,234
070	0603790N	NATO RESEARCH AND DEVELOPMENT .....	6,880	6,880
071	0603795N	LAND ATTACK TECHNOLOGY .....	10,578	10,578
072	0603851M	JOINT NON-LETHAL WEAPONS TESTING .....	28,435	28,435
073	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/ VAL .....	33,612	33,612
074	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....	128,845	216,845
		One additional system .....		[88,000]
075	0604014N	FA -18 INFRARED SEARCH AND TRACK (IRST) .....	84,190	84,190
076	0604027N	DIGITAL WARFARE OFFICE .....	54,699	54,699
077	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES .....	53,942	53,942
078	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES .....	40,060	40,060
079	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION .....	12,100	12,100
080	0604031N	LARGE UNMANNED UNDERSEA VEHICLES .....	78,122	42,122
		Early to need, phase 1 results needed first .....		[-36,000]
081	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80) .....	107,895	107,895
082	0604126N	LITTORAL AIRBORNE MCM .....	17,366	17,366
083	0604127N	SURFACE MINE COUNTERMEASURES .....	18,754	18,754
084	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) .....	59,776	59,776
086	0604292N	FUTURE VERTICAL LIFT (MARITIME STRIKE) .....	5,097	5,097
087	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....	3,664	3,664
088	0604454N	LX (R) .....	10,203	10,203
089	0604536N	ADVANCED UNDERSEA PROTOTYPING .....	115,858	105,858
		XLUUV late test and evaluation award .....		[-10,000]
090	0604636N	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS) .....	14,259	14,259
091	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....	1,102,387	1,087,387
		Transition to DDG-1000—initial integration .....		[-15,000]
092	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/EN- GINEERING SUPPORT .....	7,657	7,657
093	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT .....	35,750	35,750
094	0303354N	ASW SYSTEMS DEVELOPMENT—MIP .....	9,151	9,151
095	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	22,589	6,989
		K-MAX .....		[7,000]
		MUX uncertain acquisition strategy .....		[-22,600]
097	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP .....	809	809
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> .....	<b>6,503,074</b>	<b>6,098,674</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
098	0603208N	TRAINING SYSTEM AIRCRAFT .....	4,332	4,332
099	0604212N	OTHER HELO DEVELOPMENT .....	18,133	18,133
100	0604214M	AV-8B AIRCRAFT—ENG DEV .....	20,054	20,054
101	0604215N	STANDARDS DEVELOPMENT .....	4,237	4,237
102	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....	27,340	27,340
104	0604221N	P-3 MODERNIZATION PROGRAM .....	606	606
105	0604230N	WARFARE SUPPORT SYSTEM .....	9,065	9,065
106	0604231N	TACTICAL COMMAND SYSTEM .....	97,968	97,968
107	0604234N	ADVANCED HAWKEYE .....	309,373	309,373
108	0604245M	H-1 UPGRADES .....	62,310	62,310
109	0604261N	ACOUSTIC SEARCH SENSORS .....	47,182	47,182
110	0604262N	V-22A .....	132,624	132,624
111	0604264N	AIR CREW SYSTEMS DEVELOPMENT .....	21,445	21,445
112	0604269N	EA-18 .....	106,134	106,134
113	0604270N	ELECTRONIC WARFARE DEVELOPMENT .....	134,194	134,194

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114	0604273M	EXECUTIVE HELO DEVELOPMENT .....	99,321	99,321
115	0604274N	NEXT GENERATION JAMMER (NGJ) .....	477,680	487,680
		<i>High band risk reduction</i> .....		[10,000]
116	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....	232,818	232,818
117	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	170,039	170,039
118	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....	403,712	403,712
119	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION .....	945	945
120	0604329N	SMALL DIAMETER BOMB (SDB) .....	62,488	62,488
121	0604366N	STANDARD MISSILE IMPROVEMENTS .....	386,225	359,225
		<i>SM-6 excessive cost growth; program accountability</i> .....		[-27,000]
122	0604373N	AIRBORNE MCM .....	10,909	10,909
123	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING .....	44,548	44,548
124	0604419N	ADVANCED SENSORS APPLICATION PROGRAM (ASAP) .....	13,673	13,673
125	0604501N	ADVANCED ABOVE WATER SENSORS .....	87,809	87,809
126	0604503N	SSN-688 AND TRIDENT MODERNIZATION .....	93,097	111,097
		<i>Submarine electronic warfare capability improvement</i> .....		[18,000]
127	0604504N	AIR CONTROL .....	38,863	38,863
128	0604512N	SHIPBOARD AVIATION SYSTEMS .....	9,593	9,593
129	0604518N	COMBAT INFORMATION CENTER CONVERSION .....	12,718	12,718
130	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....	78,319	78,319
131	0604530N	ADVANCED ARRESTING GEAR (AAG) .....	65,834	65,834
132	0604558N	NEW DESIGN SSN .....	259,443	282,943
		<i>Accelerate design</i> .....		[23,500]
133	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM .....	63,878	63,878
134	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....	51,853	51,853
135	0604574N	NAVY TACTICAL COMPUTER RESOURCES .....	3,853	3,853
136	0604601N	MINE DEVELOPMENT .....	92,607	65,107
		<i>Forward funded in FY20</i> .....		[-27,500]
137	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT .....	146,012	146,012
138	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	8,383	8,383
139	0604657M	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS—ENG DEV .....	33,784	33,784
140	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS ....	8,599	8,599
141	0604727N	JOINT STANDOFF WEAPON SYSTEMS .....	73,744	73,744
142	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	157,490	157,490
143	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....	121,761	121,761
144	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....	89,373	89,373
145	0604761N	INTELLIGENCE ENGINEERING .....	15,716	15,716
146	0604771N	MEDICAL DEVELOPMENT .....	2,120	22,120
		<i>Distributed logistics</i> .....		[10,000]
		<i>ETEC disease research</i> .....		[10,000]
147	0604777N	NAVIGATION/ID SYSTEM .....	50,180	50,180
148	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD .....	561	561
149	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD .....	250	250
150	0604850N	SSN(X) .....	1,000	1,000
151	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT .....	974	974
152	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT .....	356,173	351,173
		<i>Unjustified growth</i> .....		[-5,000]
153	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT .....	7,810	7,810
154	0605212M	CH-53K RDTE .....	406,406	406,406
155	0605215N	MISSION PLANNING .....	86,134	86,134
156	0605217N	COMMON AVIONICS .....	54,540	54,540
157	0605220N	SHIP TO SHORE CONNECTOR (SSC) .....	5,155	5,155
158	0605327N	T-AO 205 CLASS .....	5,148	5,148
159	0605414N	UNMANNED CARRIER AVIATION (UCA) .....	266,970	266,970
160	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	12,713	12,713
161	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA) .....	24,424	24,424
162	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III .....	182,870	182,870
163	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION .....	41,775	41,775
164	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION .....	2,541	2,541
165	0204202N	DDG-1000 .....	208,448	223,448
		<i>Transfer from CPS—initial integration</i> .....		[15,000]
169	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS .....	111,434	111,434
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	26,173	26,173
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>	<b>6,263,883</b>	<b>6,290,883</b>
		<b>MANAGEMENT SUPPORT</b>		
171	0604256N	THREAT SIMULATOR DEVELOPMENT .....	22,075	22,075
172	0604258N	TARGET SYSTEMS DEVELOPMENT .....	10,224	10,224
173	0604759N	MAJOR T&E INVESTMENT .....	85,195	85,195
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY .....	3,089	3,089
176	0605154N	CENTER FOR NAVAL ANALYSES .....	43,517	43,517
179	0605804N	TECHNICAL INFORMATION SERVICES .....	932	932
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....	94,297	94,297

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181	0605856N	STRATEGIC TECHNICAL SUPPORT .....	3,813	3,813
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT .....	104,822	104,822
184	0605864N	TEST AND EVALUATION SUPPORT .....	446,960	446,960
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY .....	27,241	27,241
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....	15,787	15,787
187	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....	8,559	8,559
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT .....	42,749	42,749
189	0605898N	MANAGEMENT HQ—R&D .....	41,094	41,094
190	0606355N	WARFARE INNOVATION MANAGEMENT .....	37,022	37,022
193	0305327N	INSIDER THREAT .....	2,310	2,310
194	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT AC- TIVITIES).	1,536	1,536
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>991,222</b>	<b>991,222</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
199	0604227N	HARPOON MODIFICATIONS .....	697	697
200	0604840M	F-35 C2D2 .....	379,549	341,649
		Block IV/TR3 upgrade delays .....		[-37,900]
201	0604840N	F-35 C2D2 .....	413,875	372,475
		Block IV/TR3 upgrade delays .....		[-41,400]
202	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....	143,667	143,667
204	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....	173,056	173,056
205	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM .....	45,970	45,970
206	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....	69,190	74,190
		Next-generation countermeasure acoustic device .....		[5,000]
207	0101402N	NAVY STRATEGIC COMMUNICATIONS .....	42,277	42,277
208	0204136N	FA-18 SQUADRONS .....	171,030	175,030
		Jet noise reduction .....		[4,000]
210	0204228N	SURFACE SUPPORT .....	33,482	33,482
211	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	200,308	200,308
212	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	102,975	102,975
213	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS .....	10,873	10,873
214	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	1,713	1,713
215	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	22,205	22,205
216	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....	83,956	83,956
218	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT .....	56,791	56,791
219	0205601N	HARM IMPROVEMENT .....	146,166	146,166
221	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION .....	29,348	29,348
222	0205632N	MK-48 ADCAP .....	110,349	110,349
223	0205633N	AVIATION IMPROVEMENTS .....	133,953	133,953
224	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS .....	110,313	110,313
225	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	207,662	207,662
226	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...	4,406	4,406
227	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	61,381	61,381
228	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT .....	10,421	10,421
229	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...	29,977	29,977
230	0206629M	AMPHIBIOUS ASSAULT VEHICLE .....	6,469	6,469
231	0207161N	TACTICAL AIM MISSILES .....	5,859	5,859
232	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	44,323	44,323
236	0303109N	SATELLITE COMMUNICATIONS (SPACE) .....	41,978	46,978
		Interference mitigation technology, test and verification .....		[5,000]
237	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	29,684	29,684
238	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM .....	39,094	39,094
239	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....	6,154	6,154
240	0305204N	TACTICAL UNMANNED AERIAL VEHICLES .....	7,108	7,108
241	0305205N	UAS INTEGRATION AND INTEROPERABILITY .....	62,098	62,098
242	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	21,500	21,500
244	0305220N	MQ-4C TRITON .....	11,120	11,120
245	0305231N	MQ-8 UAV .....	28,968	28,968
246	0305232M	RQ-11 UAV .....	537	537
247	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLo) .....	8,773	8,773
248	0305239M	RQ-21A .....	10,853	10,853
249	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....	60,413	60,413
250	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....	5,000	5,000
251	0305251N	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....	34,967	34,967
252	0305421N	RQ-4 MODERNIZATION .....	178,799	178,799
253	0307577N	INTELLIGENCE MISSION DATA (IMD) .....	2,120	2,120
254	0308601N	MODELING AND SIMULATION SUPPORT .....	8,683	8,683
255	0702207N	DEPOT MAINTENANCE (NON-IP) .....	45,168	45,168
256	0708730N	MARITIME TECHNOLOGY (MARITECH) .....	6,697	6,697
257	1203109N	SATELLITE COMMUNICATIONS (SPACE) .....	70,056	70,056
257A	999999999	CLASSIFIED PROGRAMS .....	1,795,032	1,795,032
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>5,327,043</b>	<b>5,261,743</b>

**SOFTWARE AND DIGITAL TECHNOLOGY PILOT PRO-  
GRAMS**

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
258	0608013N	RISK MANAGEMENT INFORMATION—SOFTWARE PILOT PROGRAM.	14,300	14,300
259	0608231N	MARITIME TACTICAL COMMAND AND CONTROL (MTC <sup>2</sup> )—SOFTWARE PILOT PROGRAM.	10,868	10,868
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>25,168</b>	<b>25,168</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>21,427,048</b>	<b>21,119,348</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>		
		<b>BASIC RESEARCH</b>		
001	0601102F	DEFENSE RESEARCH SCIENCES .....	315,348	315,348
002	0601103F	UNIVERSITY RESEARCH INITIATIVES .....	161,861	166,861
		Solar block research .....		[5,000]
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES .....	15,085	15,085
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>492,294</b>	<b>497,294</b>
		<b>APPLIED RESEARCH</b>		
004	0602020F	FUTURE AF CAPABILITIES APPLIED RESEARCH .....	100,000	100,000
005	0602102F	MATERIALS .....	140,781	165,781
		Advanced materials manufacturing flexible biosensors .....		[5,000]
		Metals affordability research .....		[15,000]
		Thermal protection systems .....		[5,000]
006	0602201F	AEROSPACE VEHICLE TECHNOLOGIES .....	349,225	374,225
		Advanced batteries for directed energy .....		[5,000]
		High speed expendable turbine development .....		[5,000]
		On-orbit propulsion technologies .....		[5,000]
		Secure unmanned aerial vehicles .....		[10,000]
007	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH .....	115,222	115,222
009	0602204F	AEROSPACE SENSORS .....	211,301	211,301
011	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD-QUARTERS ACTIVITIES.	8,926	8,926
012	0602602F	CONVENTIONAL MUNITIONS .....	132,425	132,425
013	0602605F	DIRECTED ENERGY TECHNOLOGY .....	128,113	128,113
014	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS .....	178,668	208,668
		Counter UAS platform integration testbed .....		[5,000]
		Quantum Innovation Center .....		[5,000]
		Quantum network testbed .....		[10,000]
		Trusted UAS traffic management and C-UAS testbed .....		[10,000]
015	0602890F	HIGH ENERGY LASER RESEARCH .....	45,088	45,088
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>1,409,749</b>	<b>1,489,749</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
017	0603030F	AF FOUNDATIONAL DEVELOPMENT/DEMOS .....	103,280	108,280
		Agile composite manufacturing initiatives .....		[5,000]
018	0603032F	FUTURE AF INTEGRATED TECHNOLOGY DEMOS .....	157,619	127,619
		Inappropriate use of S&T funds for Golden Horde demonstration & validation.		[-30,000]
019	0603033F	NEXT GEN PLATFORM DEV/DEMO .....	199,556	199,556
020	0603034F	PERSISTENT KNOWLEDGE, AWARENESS, & C <sup>2</sup> TECH .....	102,276	102,276
021	0603035F	NEXT GEN EFFECTS DEV/DEMOS .....	215,817	215,817
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>778,548</b>	<b>753,548</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
038	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT .....	4,320	4,320
039	0603742F	COMBAT IDENTIFICATION TECHNOLOGY .....	26,396	26,396
040	0603790F	NATO RESEARCH AND DEVELOPMENT .....	3,647	3,647
041	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....	32,959	32,959
043	0604002F	AIR FORCE WEATHER SERVICES RESEARCH .....	869	869
044	0604003F	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS) .....	302,323	216,823
		Unjustified costs .....		[-85,500]
045	0604004F	ADVANCED ENGINE DEVELOPMENT .....	636,495	636,495
046	0604015F	LONG RANGE STRIKE—BOMBER .....	2,848,410	2,848,410
047	0604032F	DIRECTED ENERGY PROTOTYPING .....	20,964	20,964
048	0604033F	HYPERSONICS PROTOTYPING .....	381,862	381,862
050	0604257F	ADVANCED TECHNOLOGY AND SENSORS .....	24,747	24,747
051	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....	76,417	76,417
052	0604317F	TECHNOLOGY TRANSFER .....	3,011	3,011
053	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	52,921	52,921
054	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....	69,783	69,783
055	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	25,835	25,835
056	0604858F	TECH TRANSITION PROGRAM .....	219,252	249,252
		Program increase—LCAAT prototyping .....		[30,000]
057	0605230F	GROUND BASED STRATEGIC DETERRENT .....	1,524,759	1,524,759
059	0207110F	NEXT GENERATION AIR DOMINANCE .....	1,044,089	1,044,089

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
060	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....	19,356	19,356
061	0207522F	AIRBASE AIR DEFENSE SYSTEMS (ABADS) .....	8,737	8,737
062	0208099F	UNIFIED PLATFORM (UP) .....	5,990	5,990
063	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....	39,293	39,293
065	0305601F	MISSION PARTNER ENVIRONMENTS .....	11,430	11,430
066	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	259,823	259,823
067	0306415F	ENABLED CYBER ACTIVITIES .....	10,560	10,560
068	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....	9,908	9,908
069	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....	8,662	8,662
074	1206427F	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT) .....	8,787	8,787
077	1206730F	SPACE SECURITY AND DEFENSE PROGRAM .....	56,311	56,311
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>7,737,916</b>	<b>7,682,416</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
082	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....	25,161	25,161
083	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS .....	38,564	38,564
084	0604222F	NUCLEAR WEAPONS SUPPORT .....	35,033	35,033
085	0604270F	ELECTRONIC WARFARE DEVELOPMENT .....	2,098	2,098
086	0604281F	TACTICAL DATA NETWORKS ENTERPRISE .....	131,909	131,909
087	0604287F	PHYSICAL SECURITY EQUIPMENT .....	6,752	6,752
088	0604329F	SMALL DIAMETER BOMB (SDB)—EMD .....	17,280	17,280
090	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT .....	23,076	23,076
091	0604604F	SUBUNITIONS .....	3,091	3,091
092	0604617F	AGILE COMBAT SUPPORT .....	20,609	20,609
093	0604618F	JOINT DIRECT ATTACK MUNITION .....	7,926	7,926
094	0604706F	LIFE SUPPORT SYSTEMS .....	23,660	23,660
095	0604735F	COMBAT TRAINING RANGES .....	8,898	8,898
096	0604800F	F-35—EMD .....	5,423	423
		<i>Excess SDD funding .....</i>		<i>[-5,000]</i>
097	0604932F	LONG RANGE STANDOFF WEAPON .....	474,430	474,430
098	0604933F	ICBM FUZE MODERNIZATION .....	167,099	167,099
100	0605056F	OPEN ARCHITECTURE MANAGEMENT .....	30,547	30,547
102	0605223F	ADVANCED PILOT TRAINING .....	248,669	248,669
103	0605229F	COMBAT RESCUE HELICOPTER .....	63,169	63,169
105	0101125F	NUCLEAR WEAPONS MODERNIZATION .....	9,683	9,683
106	0207171F	F-15 EPAWSS .....	170,679	155,979
		<i>Cost growth .....</i>		<i>[-14,700]</i>
107	0207328F	STAND IN ATTACK WEAPON .....	160,438	142,738
		<i>Unjustified cost increase .....</i>		<i>[-17,700]</i>
108	0207701F	FULL COMBAT MISSION TRAINING .....	9,422	9,422
110	0305176F	COMBAT SURVIVOR EVADER LOCATOR .....	973	973
111	0401221F	KC-46A TANKER SQUADRONS .....	106,262	86,262
		<i>Slow execution .....</i>		<i>[-20,000]</i>
113	0401319F	VC-25B .....	800,889	800,889
114	0701212F	AUTOMATED TEST SYSTEMS .....	10,673	10,673
115	0804772F	TRAINING DEVELOPMENTS .....	4,479	4,479
116	0901299F	AF A1 SYSTEMS .....	8,467	8,467
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>	<b>2,615,359</b>	<b>2,557,959</b>
		<b>MANAGEMENT SUPPORT</b>		
131	0604256F	THREAT SIMULATOR DEVELOPMENT .....	57,725	57,725
132	0604759F	MAJOR T&E INVESTMENT .....	208,680	208,680
133	0605101F	RAND PROJECT AIR FORCE .....	35,803	35,803
135	0605712F	INITIAL OPERATIONAL TEST & EVALUATION .....	13,557	13,557
136	0605807F	TEST AND EVALUATION SUPPORT .....	764,606	764,606
142	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION .....	1,362,038	1,362,038
143	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....	40,768	40,768
144	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS .....	179,646	179,646
145	0605898F	MANAGEMENT HQ—R&D .....	5,734	5,734
146	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT .....	70,985	70,985
147	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT .....	29,880	29,880
148	0606017F	REQUIREMENTS ANALYSIS AND MATURATION .....	63,381	63,381
149	0606398F	MANAGEMENT HQ—T&E .....	5,785	5,785
150	0303255F	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4)—STRATCOM .....	24,564	24,564
151	0308602F	ENTERPRISE INFORMATION SERVICES (EIS) .....	9,883	9,883
152	0702806F	ACQUISITION AND MANAGEMENT SUPPORT .....	13,384	13,384
153	0804731F	GENERAL SKILL TRAINING .....	1,262	1,262
155	1001004F	INTERNATIONAL ACTIVITIES .....	3,599	3,599
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>2,891,280</b>	<b>2,891,280</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
163	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....	8,777	8,777
164	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	499	499
165	0604840F	F-35 C2D2 .....	785,336	706,836



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Line	Program Element	Item	FY 2021 Request	House Authorized
		Block IV/TR3 upgrade delays .....		[-78,500]
166	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) .....	27,035	27,035
167	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....	50,508	50,508
168	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....	71,329	71,329
169	0605278F	HC/MC-130 RECAP RDT&E .....	24,705	24,705
170	0606018F	NC3 INTEGRATION .....	26,356	26,356
172	0101113F	B-52 SQUADRONS .....	520,023	338,523
		GPS-IU contract delays .....		[-10,000]
		No acquisition strategy for AEHF .....		[-2,500]
		Radar modernization program contract delays .....		[-40,000]
		Virtual prototype contract delay .....		[-125,000]
		VLRF/LF contract delays .....		[-4,000]
173	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM) .....	1,433	1,433
174	0101126F	B-1B SQUADRONS .....	15,766	15,766
175	0101127F	B-3 SQUADRONS .....	187,399	187,399
		Airspace compliance contract delays .....		[-2,000]
		JASSM-ER Milestone B delay .....		[-5,000]
		Virtual training .....		[7,000]
176	0101213F	MINUTEMAN SQUADRONS .....	116,569	116,569
177	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....	27,235	27,235
178	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK .....	24,227	24,227
179	0101328F	ICBM REENTRY VEHICLES .....	112,753	112,753
181	0102110F	UH-1N REPLACEMENT PROGRAM .....	44,464	44,464
182	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM .....	5,929	5,929
183	0102412F	NORTH WARNING SYSTEM (NWS) .....	100	100
184	0205219F	MQ-9 UAV .....	162,080	162,080
186	0207131F	A-10 SQUADRONS .....	24,535	24,535
187	0207133F	F-16 SQUADRONS .....	223,437	223,437
188	0207134F	F-15E SQUADRONS .....	298,908	298,908
189	0207136F	MANNED DESTRUCTIVE SUPPRESSION .....	14,960	14,960
190	0207138F	F-22A SQUADRONS .....	665,038	648,938
		Software delays .....		[-16,100]
191	0207142F	F-35 SQUADRONS .....	132,229	129,629
		Unjustified USAF ALIS unique funding .....		[-2,600]
192	0207146F	F-15EX .....	159,761	159,761
193	0207161F	TACTICAL AIM MISSILES .....	19,417	19,417
194	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	51,799	51,799
195	0207227F	COMBAT RESCUE—PARARESCUE .....	669	669
196	0207247F	AF TENCAP .....	21,644	21,644
197	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT .....	9,261	9,261
198	0207253F	COMPASS CALL .....	15,854	15,854
199	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	95,896	95,896
200	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	70,792	70,792
201	0207410F	AIR & SPACE OPERATIONS CENTER (AOC) .....	51,187	51,187
202	0207412F	CONTROL AND REPORTING CENTER (CRC) .....	16,041	16,041
203	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....	138,303	138,303
204	0207418F	AFSPECWAR—TACP .....	4,223	4,223
206	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....	16,564	16,564
207	0207438F	THEATER BATTLE MANAGEMENT (TBM) C4I .....	7,858	7,858
208	0207444F	TACTICAL AIR CONTROL PARTY-MOD .....	12,906	12,906
210	0207452F	DCAPES .....	14,816	14,816
211	0207521F	AIR FORCE CALIBRATION PROGRAMS .....	1,970	1,970
212	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS .....	396	396
213	0207590F	SEEK EAGLE .....	29,680	29,680
214	0207601F	USAF MODELING AND SIMULATION .....	17,666	17,666
215	0207605F	WARGAMING AND SIMULATION CENTERS .....	6,353	6,353
216	0207610F	BATTLEFIELD ABN COMM NODE (BACN) .....	6,827	6,827
217	0207697F	DISTRIBUTED TRAINING AND EXERCISES .....	3,390	3,390
218	0208006F	MISSION PLANNING SYSTEMS .....	91,768	91,768
219	0208007F	TACTICAL DECEPTION .....	2,370	2,370
220	0208064F	OPERATIONAL HQ—CYBER .....	5,527	5,527
221	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS .....	68,279	68,279
222	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS .....	15,165	15,165
223	0208097F	JOINT CYBER COMMAND AND CONTROL (JCC2) .....	38,480	38,480
224	0208099F	UNIFIED PLATFORM (UP) .....	84,645	84,645
230	0301025F	GEOBASE .....	2,767	2,767
231	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....	32,759	32,759
238	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS .....	2,904	2,904
239	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....	3,468	3,468
240	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) .....	61,887	61,887
242	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM .....	10,351	10,351
243	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....	1,346	1,346
246	0304260F	AIRBORNE SIGINT ENTERPRISE .....	128,110	128,110
247	0304310F	COMMERCIAL ECONOMIC ANALYSIS .....	4,042	4,042
251	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....	1,649	1,649

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252	0305022F	ISR MODERNIZATION & AUTOMATION DVMT (IMAD) .....	19,265	19,265
253	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....	4,645	4,645
254	0305103F	CYBER SECURITY INITIATIVE .....	384	384
255	0305111F	WEATHER SERVICE .....	23,640	30,640
		Commercial weather pilot .....		[7,000]
256	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS) .....	6,553	6,553
257	0305116F	AERIAL TARGETS .....	449	449
260	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES .....	432	432
262	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....	4,890	4,890
264	0305179F	INTEGRATED BROADCAST SERVICE (IBS) .....	8,864	8,864
265	0305202F	DRAGON U-2 .....	18,660	18,660
267	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS .....	121,512	131,512
		Gorgon Stare Wide Area Motion Imagery program increase .....		[10,000]
268	0305207F	MANNED RECONNAISSANCE SYSTEMS .....	14,711	14,711
269	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	14,152	14,152
270	0305220F	RQ-4 UAV .....	134,589	134,589
271	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING .....	15,049	15,049
272	0305238F	NATO AGS .....	36,731	36,731
273	0305240F	SUPPORT TO DCGS ENTERPRISE .....	33,547	33,547
274	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES .....	13,635	13,635
275	0305881F	RAPID CYBER ACQUISITION .....	4,262	4,262
276	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....	2,207	2,207
277	0307577F	INTELLIGENCE MISSION DATA (IMD) .....	6,277	6,277
278	0401115F	C-130 AIRLIFT SQUADRON .....	41,973	41,973
279	0401119F	C-5 AIRLIFT SQUADRONS (IF) .....	32,560	32,560
280	0401130F	C-17 AIRCRAFT (IF) .....	9,991	9,991
281	0401132F	C-130J PROGRAM .....	10,674	10,674
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) .....	5,507	5,507
283	0401218F	KC-135S .....	4,591	4,591
286	0401318F	CV-22 .....	18,419	18,419
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	7,673	7,673
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....	24,513	24,513
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....	35,225	35,225
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT .....	11,838	11,838
293	0804743F	OTHER FLIGHT TRAINING .....	1,332	1,332
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY .....	2,092	2,092
296	0901218F	CIVILIAN COMPENSATION PROGRAM .....	3,869	3,869
297	0901220F	PERSONNEL ADMINISTRATION .....	1,584	1,584
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY .....	1,197	1,197
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT .....	7,006	7,006
300	0901554F	DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS) .....	45,638	45,638
301	1201017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	1,889	0
		Transfer to Space Force .....		[-1,889]
302	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....	993	993
303	1202140F	SERVICE SUPPORT TO SPACECOM ACTIVITIES .....	8,999	8,999
314	1203400F	SPACE SUPERIORITY INTELLIGENCE .....	16,810	16,810
316	1203620F	NATIONAL SPACE DEFENSE CENTER .....	2,687	2,687
318	1203906F	NCMC—TWAA SYSTEM .....	6,990	6,990
322A	9999999999	CLASSIFIED PROGRAMS .....	15,777,856	15,777,856
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>21,466,680</b>	<b>21,203,091</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>37,391,826</b>	<b>37,075,337</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, SPACE FORCE</b>		
		<b>APPLIED RESEARCH</b>		
001	12066018F	SPACE TECHNOLOGY .....	130,874	135,874
		Ground based optical GEO surveillance .....		[5,000]
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>130,874</b>	<b>135,874</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
002	12031648F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE) .....	390,704	390,704
003	12037108F	EO/IR WEATHER SYSTEMS .....	131,000	106,000
		Program reduction for phase 2 risk reduction Spec OT2 .....		[-25,000]
004	12064228F	WEATHER SYSTEM FOLLOW-ON .....	83,384	83,384
005	12064258F	SPACE SITUATION AWARENESS SYSTEMS .....	33,359	33,359
006	12064278F	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT) .....	142,808	142,808
007	12064388F	SPACE CONTROL TECHNOLOGY .....	35,575	35,575
008	12067608F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....	114,390	109,390
		Unjustified growth .....		[-5,000]
009	12067618F	PROTECTED TACTICAL SERVICE (PTS) .....	205,178	200,178
		Unjustified growth .....		[-5,000]

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
010	1206855SF	EVOLVED STRATEGIC SATCOM (ESS) .....	71,395	71,395
011	1206857SF	SPACE RAPID CAPABILITIES OFFICE .....	103,518	103,518
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>1,311,311</b>	<b>1,276,311</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
012	1203269SF	GPS III FOLLOW-ON (GPS IIIF) .....	263,496	253,496
		Execution lagging .....		[-10,000]
013	1203940SF	SPACE SITUATION AWARENESS OPERATIONS .....	41,897	41,897
014	1206421SF	COUNTERSPACE SYSTEMS .....	54,689	54,689
015	1206422SF	WEATHER SYSTEM FOLLOW-ON .....	2,526	2,526
016	1206425SF	SPACE SITUATION AWARENESS SYSTEMS .....	173,074	173,074
017	1206431SF	ADVANCED EHF MILSATCOM (SPACE) .....	138,257	138,257
018	1206432SF	POLAR MILSATCOM (SPACE) .....	190,235	190,235
019	1206442SF	NEXT GENERATION OPIR .....	2,318,864	2,298,864
		Block 0 GEO unjustified cost growth .....		[-20,000]
020	1206853SF	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE)—EMD .....	560,978	710,978
		Program increase .....		[150,000]
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>3,744,016</b>	<b>3,864,016</b>
		<b>MANAGEMENT SUPPORT</b>		
021	1206116SF	SPACE TEST AND TRAINING RANGE DEVELOPMENT .....	20,281	20,281
022	1206392SF	ACQ WORKFORCE—SPACE & MISSILE SYSTEMS .....	183,930	183,930
023	1206398SF	SPACE & MISSILE SYSTEMS CENTER—MHA .....	9,765	9,765
024	1206860SF	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....	17,993	17,993
025	1206864SF	SPACE TEST PROGRAM (STP) .....	26,541	26,541
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>258,510</b>	<b>258,510</b>
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>		
026	1201017SF	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	3,708	5,597
		Transfer from Air Force .....		[1,889]
027	1203001SF	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....	247,229	247,229
028	1203110SF	SATELLITE CONTROL NETWORK (SPACE) .....	75,480	60,480
		Program decrease .....		[-15,000]
029	1203165SF	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).	1,984	1,984
030	1203173SF	SPACE AND MISSILE TEST AND EVALUATION CENTER .....	4,397	4,397
031	1203174SF	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	44,746	39,746
		Underexecution .....		[-5,000]
032	1203182SF	SPACELIFT RANGE SYSTEM (SPACE) .....	11,020	16,020
		Space launch range services and capabilities .....		[5,000]
033	1203265SF	GPS III SPACE SEGMENT .....	10,777	10,777
034	1203873SF	BALLISTIC MISSILE DEFENSE RADARS .....	28,179	28,179
035	1203913SF	NUDET DETECTION SYSTEM (SPACE) .....	29,157	29,157
036	1203940SF	SPACE SITUATION AWARENESS OPERATIONS .....	44,809	39,809
		Underexecution .....		[-5,000]
037	1206423SF	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	481,999	476,999
		Unjustified growth .....		[-5,000]
041	1206770SF	ENTERPRISE GROUND SERVICES .....	116,791	116,791
041A	999999999	CLASSIFIED PROGRAMS .....	3,632,866	3,632,866
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT</b>	<b>4,733,142</b>	<b>4,710,031</b>
		<b>SOFTWARE &amp; DIGITAL TECHNOLOGY PILOT PROGRAMS</b>		
042	1203614SF	JSPOC MISSION SYSTEM .....	149,742	129,742
		Unjustified increase; transfer to commercial Space Domain Awareness Services and Data.		[-20,000]
42A	999999999	COMMERCIAL SATCOM .....		45,000
		Commercial polar space-based proliferated LEO broadband services and demonstrations.		[25,000]
		Increase for commercial space domain awareness services and data .....		[20,000]
		<b>SUBTOTAL SOFTWARE &amp; DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>149,742</b>	<b>174,742</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, SPACE FORCE.</b>	<b>10,327,595</b>	<b>10,419,484</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>		
		<b>BASIC RESEARCH</b>		
001	0601000BR	DTRA BASIC RESEARCH .....	14,617	14,617
002	0601101E	DEFENSE RESEARCH SCIENCES .....	479,958	479,958
003	0601110DSZ	BASIC RESEARCH INITIATIVES .....	35,565	57,565
		Restore Minerva research initiative .....		[17,000]
		START research consortium of excellence for irregular warfare and advanced analytics.		[5,000]

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004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....	53,730	53,730
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM .....	100,241	105,241
		<i>Civics education pilot</i> .....		[5,000]
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	30,975	30,975
		<i>PIPELINE program</i> .....		[3,000]
		<i>Program increase</i> .....		[17,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	45,300	45,300
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>760,386</b>	<b>807,386</b>
<b>APPLIED RESEARCH</b>				
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY .....	19,409	24,409
		<i>New energetic materials design</i> .....		[5,000]
009	0602115E	BIOMEDICAL TECHNOLOGY .....	107,568	107,568
011	0602230D8Z	DEFENSE TECHNOLOGY INNOVATION .....	35,000	35,000
012	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM .....	41,080	41,080
013	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	60,722	60,722
014	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY .....	435,920	435,920
015	0602383E	BIOLOGICAL WARFARE DEFENSE .....	26,950	26,950
016	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	201,807	201,807
017	0602668D8Z	CYBER SECURITY RESEARCH .....	15,255	15,255
018	0602702E	TACTICAL TECHNOLOGY .....	233,271	233,271
019	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY .....	250,107	250,107
020	0602716E	ELECTRONICS TECHNOLOGY .....	322,693	322,693
021	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	174,571	174,571
022	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	9,573	9,573
023	1160401BB	SOF TECHNOLOGY DEVELOPMENT .....	42,464	47,464
		<i>Sustained Human Performance and Resilience</i> .....		[5,000]
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>1,976,390</b>	<b>1,986,390</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
024	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY .....	22,920	22,920
025	0603121D8Z	SO LIC ADVANCED DEVELOPMENT .....	4,914	4,914
026	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	51,089	51,089
027	0603133D8Z	FOREIGN COMPARATIVE TESTING .....	25,183	25,183
029	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	366,659	366,659
030	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....	14,910	64,910
		<i>Restore low power laser demonstrator</i> .....		[50,000]
032	0603180C	ADVANCED RESEARCH .....	18,687	18,687
033	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT .....	18,873	18,873
034	0603286E	ADVANCED AEROSPACE SYSTEMS .....	230,978	230,978
035	0603287E	SPACE PROGRAMS AND TECHNOLOGY .....	158,439	158,439
036	0603288D8Z	ANALYTIC ASSESSMENTS .....	23,775	23,775
037	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....	36,524	36,524
038	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....	14,703	14,703
039	0603294C	COMMON KILL VEHICLE TECHNOLOGY .....	11,058	11,058
040	0603338D8Z	DEFENSE MODERNIZATION AND PROTOTYPING .....	133,375	133,375
042	0603342D8Z	DEFENSE INNOVATION UNIT (DIU) .....	26,141	26,141
043	0603375D8Z	TECHNOLOGY INNOVATION .....	27,709	27,709
044	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	188,001	188,001
045	0603527D8Z	RETRACT LARCH .....	130,283	130,283
046	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY .....	15,164	15,164
047	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....	85,452	85,452
048	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES .....	5,882	5,882
049	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	93,817	143,817
		<i>Accelerating rapid prototyping by integrating high performance computing and advanced manufacturing.</i> .....		[5,000]
		<i>Additive manufacturing training</i> .....		[5,000]
		<i>Advanced structural manufacturing technologies</i> .....		[30,000]
		<i>Flexible hybrid electronics</i> .....		[5,000]
		<i>Hypersonic thermal management research</i> .....		[5,000]
050	0603680S	MANUFACTURING TECHNOLOGY PROGRAM .....	40,025	40,025
052	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS .....	10,235	10,235
053	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	53,862	158,862
		<i>AFPP replacement</i> .....		[50,000]
		<i>PFAS Innovation Award Fund</i> .....		[5,000]
		<i>PFAS remediation and disposal technology</i> .....		[50,000]
054	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	124,049	124,049
055	0603727D8Z	JOINT WARFIGHTING PROGRAM .....	3,871	3,871
056	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES .....	95,864	95,864
057	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....	221,724	221,724

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058	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY .....	661,158	661,158
059	0603767E	SENSOR TECHNOLOGY .....	200,220	200,220
060	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	6,765	6,765
061	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE .....	12,598	12,598
064	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM .....	105,410	105,410
065	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY .....	187,065	192,065
		Directed energy test workloads .....		[5,000]
066	0603950D8Z	NATIONAL SECURITY INNOVATION NETWORK .....		20,000
		Restore program .....		[20,000]
067	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....		65,000
		Program increase .....		[65,000]
070	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT .....	89,072	94,072
		SOF 3-D printing technologies .....		[5,000]
071	1206310SDA	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	72,422	72,422
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>3,588,876</b>	<b>3,888,876</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
072	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,636	32,636
073	0603600D8Z	WALKOFF .....	106,529	106,529
075	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	61,345	111,345
		PFAS remediation and disposal technology .....		[50,000]
076	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..	412,627	312,627
		Insufficient justification—homeland defense underlay .....		[-100,000]
077	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,004,305	919,305
		Unjustified growth—RKV cancellation .....		[-85,000]
078	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL ....	76,167	76,167
079	0603884C	BALLISTIC MISSILE DEFENSE SENSORS .....	281,957	281,957
080	0603890C	BMD ENABLING PROGRAMS .....	599,380	599,380
081	0603891C	SPECIAL PROGRAMS—MDA .....	420,216	420,216
082	0603892C	AEGIS BMD .....	814,936	814,936
083	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	593,353	593,353
084	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...	49,560	49,560
085	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	55,356	55,356
086	0603906C	REGARDING TRENCH .....	11,863	11,863
087	0603907C	SEA BASED X-BAND RADAR (SBX) .....	118,318	118,318
088	0603913C	ISRAELI COOPERATIVE PROGRAMS .....	300,000	300,000
089	0603914C	BALLISTIC MISSILE DEFENSE TEST .....	378,302	378,302
090	0603915C	BALLISTIC MISSILE DEFENSE TARGETS .....	536,133	536,133
092	0603923D8Z	COALITION WARFARE .....	10,129	10,129
093	0604011D8Z	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).	449,000	400,000
		Program decrease for Restoring S&T .....		[-49,000]
094	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM .....	3,325	3,325
095	0604115C	TECHNOLOGY MATURATION INITIATIVES .....	67,389	67,389
098	0604181C	HYPERSONIC DEFENSE .....	206,832	206,832
099	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES .....	730,508	729,508
		Micro nuclear reactors .....		[50,000]
		Program decrease for Restoring S&T .....		[-51,000]
100	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	489,076	489,076
101	0604331D8Z	RAPID PROTOTYPING PROGRAM .....	102,023	82,023
		Program decrease for Restoring S&T .....		[-20,000]
102	0604341D8Z	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING .....	13,255	16,255
		Talent optimization pilot program .....		[3,000]
103	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	2,787	2,787
105	0604672C	HOMELAND DEFENSE RADAR—HAWAII (HDR-H) .....		130,000
		Continue radar development and siting efforts .....		[130,000]
107	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) ....	3,469	3,469
109	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	19,190	19,190
110	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) .....	137,256	137,256
111	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS .....	664,138	414,138
		Delayed NGI contract award .....		[-250,000]
112	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	7,768	7,768
113	0604878C	AEGIS BMD TEST .....	170,880	95,880
		Unjustified cost growth .....		[-75,000]
114	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST .....	76,456	76,456
115	0604880C	LAND-BASED SM-3 (LBSM3) .....	56,628	56,628
116	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST .....	67,071	67,071
118	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS .....	2,198	2,198

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
119	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....	997	997
120	0305103C	CYBER SECURITY INITIATIVE .....	1,148	1,148
121	1206410SDA	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING .....	215,994	155,994
		HBTSS—transfer to 1206895C .....		[-20,000]
		Unjustified growth .....		[-40,000]
122	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM .....	34,144	34,144
123	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....	32,068	152,068
		HBTSS—transfer from 1206410SDA .....		[20,000]
		HBTSS sensor payload development .....		[100,000]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>9,416,712</b>	<b>9,079,712</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
124	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	7,173	7,173
126	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....	319,976	319,976
127	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	54,985	54,985
128	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	15,650	15,650
129	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT .....	1,441	1,441
130	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE .....	7,287	7,287
131	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM .....	12,928	12,928
132	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES .....	10,259	10,259
133	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	1,377	1,377
134	0605075D8Z	CMO POLICY AND INTEGRATION .....	1,648	1,648
135	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM .....	20,537	20,537
136	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS) .....	1,638	1,638
137	0605141BR	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS) .....	5,500	5,500
138	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES .....	8,279	8,279
139	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	107,585	107,585
140	0605772D8Z	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS .....	3,685	3,685
143	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).	3,275	3,275
144	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	20,585	20,585
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>603,808</b>	<b>603,808</b>
		<b>MANAGEMENT SUPPORT</b>		
145	0603829J	JOINT CAPABILITY EXPERIMENTATION .....	11,239	11,239
146	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS) .....	9,793	9,793
147	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....	8,497	8,497
148	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	422,451	432,451
		Gulf Test Range and training enhancements .....		[10,000]
149	0604942D8Z	ASSESSMENTS AND EVALUATIONS .....	18,379	18,379
150	0605001E	MISSION SUPPORT .....	74,334	74,334
151	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETS) .....	79,046	79,046
153	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	50,255	50,255
155	0605142D8Z	SYSTEMS ENGINEERING .....	49,376	49,376
156	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD .....	5,777	5,777
157	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY .....	16,552	16,552
158	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....	9,582	9,582
159	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) .....	1,940	1,940
160	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	122,951	122,951
167	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	3,582	3,582
168	0605797D8Z	MAINTAINING TECHNOLOGY ADVANTAGE .....	29,566	29,566
169	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS .....	29,059	29,059
170	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	59,369	56,369
		Program decrease .....		[-3,000]
171	06058038E	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	29,420	29,420
172	0605804D8Z	DEVELOPMENT TEST AND EVALUATION .....	27,198	27,198
173	0605898E	MANAGEMENT HQ—R&D .....	13,434	13,434
174	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	2,837	2,837
175	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS .....	13,173	13,173
176	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....	3,200	3,200
177	0606589D8W	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT .....	999	999
180	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....	3,099	3,099
181	0204571J	JOINT STAFF ANALYTICAL SUPPORT .....	3,058	3,058
182	0208045K	CAI INTEROPERABILITY .....	59,813	59,813
185	03031408E	INFORMATION SYSTEMS SECURITY PROGRAM .....	1,112	1,112
186	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES .....	545	545
187	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) .....	1,036	1,036

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
188	0305172K	COMBINED ADVANCED APPLICATIONS .....	30,824	30,824
190	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	3,048	3,048
194	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	31,125	31,125
195	0808709SE	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI).	100	100
196	0901598C	MANAGEMENT HQ—MDA .....	26,902	26,902
197	0903235K	JOINT SERVICE PROVIDER (JSP) .....	3,138	3,138
198A	999999999	CLASSIFIED PROGRAMS .....	41,583	41,583
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>1,297,392</b>	<b>1,304,392</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
199	0604130V	ENTERPRISE SECURITY SYSTEM (ESS) .....	14,378	14,378
200	0604532K	JOINT ARTIFICIAL INTELLIGENCE .....	132,058	132,058
201	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,986	1,986
202	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	316	316
203	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....	9,151	74,151
		<i>Autotune filter manufacturing scale-up for advanced offboard electronic warfare.</i>		[10,000]
		<i>Domestic organic light emitting diode microdisplay manufacturing ...</i>		[5,000]
		<i>Domestic rare earth magnet capability .....</i>		[5,000]
		<i>Domestic tungsten .....</i>		[5,000]
		<i>Program increase .....</i>		[15,000]
		<i>Radar supplier resiliency plan .....</i>		[5,000]
		<i>Submarine workforce development and training .....</i>		[20,000]
204	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....	19,082	19,082
205	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	3,992	3,992
206	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	39,530	39,530
207	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) .....	3,039	3,039
212	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	16,324	16,324
213	0303126K	LONG-HAUL COMMUNICATIONS—DCS .....	11,884	11,884
214	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	5,560	5,560
215	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI) .....	73,356	73,356
216	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM .....	46,577	46,577
217	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .....	356,713	336,713
		<i>GenCyber .....</i>		[20,000]
		<i>Program decrease .....</i>		[-40,000]
218	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM .....	8,922	8,922
219	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	3,695	3,695
220	0303153K	DEFENSE SPECTRUM ORGANIZATION .....	20,113	20,113
223	0303228K	JOINT REGIONAL SECURITY STACKS (JRSS) .....	9,728	0
		<i>Program decrease .....</i>		[-9,728]
231	0305128V	SECURITY AND INVESTIGATIVE ACTIVITIES .....	5,700	5,700
235	0305186D8Z	POLICY R&D PROGRAMS .....	7,144	7,144
236	0305199D8Z	NET CENTRICITY .....	21,793	21,793
238	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	6,066	6,066
245	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....	2,190	2,190
252	0708012K	LOGISTICS SUPPORT ACTIVITIES .....	1,654	1,654
253	0708012S	PACIFIC DISASTER CENTERS .....	1,785	1,785
254	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....	7,301	7,301
256	1105219BB	MQ-9 UAV .....	21,265	21,265
258	1160403BB	AVIATION SYSTEMS .....	230,812	230,812
259	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT .....	19,558	19,558
260	1160408BB	OPERATIONAL ENHANCEMENTS .....	136,041	151,041
		<i>Machine learning and AI technologies to enable operational maneuver</i>		[10,000]
		<i>Modular expeditionary compact high-energy lasers .....</i>		[5,000]
261	1160431BB	WARRIOR SYSTEMS .....	59,511	94,511
		<i>Increased research for cUAS in austere locations abroad .....</i>		[15,000]
		<i>Program increase .....</i>		[20,000]
262	1160432BB	SPECIAL PROGRAMS .....	10,500	10,500
263	1160434BB	UNMANNED ISR .....	19,154	19,154
264	1160480BB	SOF TACTICAL VEHICLES .....	9,263	9,263
265	1160483BB	MARITIME SYSTEMS .....	59,882	59,882
266	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	4,606	4,606
267	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	11,612	11,612
268	1203610K	TELEPORT PROGRAM .....	3,239	3,239
268A	999999999	CLASSIFIED PROGRAMS .....	4,746,466	4,746,466
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>	<b>6,161,946</b>	<b>6,247,218</b>
<b>SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>				
269	0608197V	NATIONAL BACKGROUND INVESTIGATION SERVICES—SOFTWARE PILOT PROGRAM.	121,676	121,676

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
270	0608648D8Z	ACQUISITION VISIBILITY—SOFTWARE PILOT PROGRAM .....	16,848	16,848
271	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	86,750	76,750
		Program decrease .....		[-10,000]
272	0308588D8Z	ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS—SOFTWARE PILOT PROGRAM.	250,107	200,107
		Program decrease .....		[-50,000]
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>475,381</b>	<b>415,381</b>
		<b>UNDISTRIBUTED</b>		
273A		PANDEMIC PREPAREDNESS AND RESILIENCE NATIONAL SECURITY FUND.		1,000,000
		Program increase .....		[1,000,000]
		<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>1,000,000</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>24,280,891</b>	<b>25,333,163</b>
		<b>OPERATIONAL TEST &amp; EVAL, DEFENSE MANAGEMENT SUPPORT</b>		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION .....	100,021	100,021
002	0605131OTE	LIVE FIRE TEST AND EVALUATION .....	70,933	70,933
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES .....	39,136	39,136
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>210,090</b>	<b>210,090</b>
		<b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE</b> .....	<b>210,090</b>	<b>210,090</b>
		<b>TOTAL RDT&amp;E</b> .....	<b>106,224,793</b>	<b>106,700,328</b>

1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 2 **TION FOR OVERSEAS CONTINGENCY OPER-**  
 3 **ATIONS.**

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY APPLIED RESEARCH</b>		
016	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY .....	2,000	2,000
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>2,000</b>	<b>2,000</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
080	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	500	500
114	0604785A	INTEGRATED BASE DEFENSE (BUDGET ACTIVITY 4) .....	2,020	2,020
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>2,520</b>	<b>2,520</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
131	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	27,000	27,000
159	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	2,300	2,300
166	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	64,625	64,625
183	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	3,900	3,900
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>97,825</b>	<b>97,825</b>
		<b>MANAGEMENT SUPPORT</b>		
198	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	1,000	1,000
209	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION .....	4,137	4,137
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>5,137</b>	<b>5,137</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
239	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	2,300	2,300
248	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	23,367	23,367
257	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	34,100	34,100
258	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	15,575	15,575
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>75,342</b>	<b>75,342</b>



**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>182,824</b>	<b>182,824</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>		
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
039	0603527N	RETRACT LARCH .....	36,500	36,500
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	14,461	14,461
063	0603734N	CHALK CORAL .....	3,000	3,000
071	0603795N	LAND ATTACK TECHNOLOGY .....	1,457	1,457
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>55,418</b>	<b>55,418</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
142	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	1,144	1,144
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>1,144</b>	<b>1,144</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
229	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) .....	3,000	3,000
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>3,000</b>	<b>3,000</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>59,562</b>	<b>59,562</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>		
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
185	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE .....	4,080	4,080
228	0208288F	INTEL DATA APPLICATIONS .....	1,224	1,224
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>5,304</b>	<b>5,304</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>5,304</b>	<b>5,304</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>		
		<b>APPLIED RESEARCH</b>		
010	0602134BR	COUNTER IMPROVISED-THREAT ADVANCED STUDIES .....	3,699	3,699
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>3,699</b>	<b>3,699</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
026	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	19,288	19,288
028	0603134BR	COUNTER IMPROVISED-THREAT SIMULATION .....	3,861	3,861
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>	<b>23,149</b>	<b>23,149</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
097	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	19,931	19,931
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>19,931</b>	<b>19,931</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
260	1160408BB	OPERATIONAL ENHANCEMENTS .....	1,186	1,186
261	1160431BB	WARRIOR SYSTEMS .....	5,796	5,796
263	1160434BB	UNMANNED ISR .....	5,000	5,000
268A	9999999999	CLASSIFIED PROGRAMS .....	24,057	24,057
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>36,039</b>	<b>36,039</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>82,818</b>	<b>82,818</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>330,508</b>	<b>330,508</b>

1 **TITLE XLIII—OPERATION AND**  
 2 **MAINTENANCE**

3 **SEC. 4301. OPERATION AND MAINTENANCE.**

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> <i>(In Thousands of Dollars)</i>			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>OPERATION &amp; MAINTENANCE, ARMY</b>			
<b>OPERATING FORCES</b>			
020	MODULAR SUPPORT BRIGADES .....	159,834	143,834
	Unjustified funding for Dynamic Force Employment .....		[-16,000]
030	ECHELONS ABOVE BRIGADE .....	663,751	660,951
	Unjustified funding for Dynamic Force Employment .....		[-2,800]
040	THEATER LEVEL ASSETS .....	956,477	956,477
050	LAND FORCES OPERATIONS SUPPORT .....	1,157,635	1,167,984
	Establishment of Joint CUAS Office .....		[10,349]
060	AVIATION ASSETS .....	1,453,024	1,403,024
	Unjustified funding for Dynamic Force Employment .....		[-50,000]
070	FORCE READINESS OPERATIONS SUPPORT .....	4,713,660	4,713,660
080	LAND FORCES SYSTEMS READINESS .....	404,161	404,161
090	LAND FORCES DEPOT MAINTENANCE .....	1,413,359	1,513,359
	Program increase for depot maintenance activities .....		[100,000]
100	BASE OPERATIONS SUPPORT .....	8,220,093	8,320,093
	Child Youth Services program increase .....		[100,000]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	3,581,071	3,647,387
	Program increase for additional facility requirements .....		[66,316]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	411,844	411,844
160	US AFRICA COMMAND .....	239,387	239,387
170	US EUROPEAN COMMAND .....	160,761	160,761
180	US SOUTHERN COMMAND .....	197,826	197,826
190	US FORCES KOREA .....	65,152	65,152
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS .....	430,109	430,109
210	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	464,117	464,117
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>24,692,261</b>	<b>24,900,126</b>
<b>MOBILIZATION</b>			
220	STRATEGIC MOBILITY .....	402,236	402,236
230	ARMY PREPOSITIONED STOCKS .....	324,306	324,306
240	INDUSTRIAL PREPAREDNESS .....	3,653	3,653
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>730,195</b>	<b>730,195</b>
<b>TRAINING AND RECRUITING</b>			
250	OFFICER ACQUISITION .....	165,142	165,142
260	RECRUIT TRAINING .....	76,509	76,509
270	ONE STATION UNIT TRAINING .....	88,523	88,523
280	SENIOR RESERVE OFFICERS TRAINING CORPS .....	535,578	535,578
290	SPECIALIZED SKILL TRAINING .....	981,436	981,436
300	FLIGHT TRAINING .....	1,204,768	1,204,768
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	215,195	215,195
320	TRAINING SUPPORT .....	575,232	575,232
330	RECRUITING AND ADVERTISING .....	722,612	722,612
340	EXAMINING .....	185,522	185,522
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	221,503	221,503
360	CIVILIAN EDUCATION AND TRAINING .....	154,651	154,651
370	JUNIOR RESERVE OFFICER TRAINING CORPS .....	173,286	173,286
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>5,299,957</b>	<b>5,299,957</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
390	SERVICEWIDE TRANSPORTATION .....	491,926	491,926
400	CENTRAL SUPPLY ACTIVITIES .....	812,613	812,613
410	LOGISTIC SUPPORT ACTIVITIES .....	676,178	676,178
420	AMMUNITION MANAGEMENT .....	437,774	437,774
430	ADMINISTRATION .....	438,048	438,048
440	SERVICEWIDE COMMUNICATIONS .....	1,638,872	1,628,872
	Reprioritization .....		[-10,000]
450	MANPOWER MANAGEMENT .....	300,046	300,046
460	OTHER PERSONNEL SUPPORT .....	701,103	701,103

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
470	<b>OTHER SERVICE SUPPORT</b> .....	1,887,133	1,852,493
	<i>Servicewoman's Commemorative Partnership</i> .....		[3,000]
	<i>Transfer to DAWDF—reversal of DWR transfers</i> .....		[-37,640]
480	<b>ARMY CLAIMS ACTIVITIES</b> .....	195,291	195,291
490	<b>REAL ESTATE MANAGEMENT</b> .....	229,537	229,537
500	<b>FINANCIAL MANAGEMENT AND AUDIT READINESS</b> .....	306,370	306,370
510	<b>INTERNATIONAL MILITARY HEADQUARTERS</b> .....	373,030	373,030
520	<b>MISC. SUPPORT OF OTHER NATIONS</b> .....	32,719	32,719
565	<b>CLASSIFIED PROGRAMS</b> .....	1,069,915	1,069,915
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>9,590,555</b>	<b>9,545,915</b>
	<b>UNDISTRIBUTED</b>		
570	<b>UNDISTRIBUTED</b> .....		-231,457
	<i>Foreign Currency adjustments</i> .....		[-137,300]
	<i>Historical unobligated balances</i> .....		[-94,157]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-231,457</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY ..</b>	<b>40,312,968</b>	<b>40,244,736</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>		
	<b>OPERATING FORCES</b>		
010	<b>MODULAR SUPPORT BRIGADES</b> .....	10,784	10,784
020	<b>ECHELONS ABOVE BRIGADE</b> .....	530,425	530,425
030	<b>THEATER LEVEL ASSETS</b> .....	123,737	123,737
040	<b>LAND FORCES OPERATIONS SUPPORT</b> .....	589,582	589,582
050	<b>AVIATION ASSETS</b> .....	89,332	89,332
060	<b>FORCE READINESS OPERATIONS SUPPORT</b> .....	387,545	387,545
070	<b>LAND FORCES SYSTEMS READINESS</b> .....	97,569	97,569
080	<b>LAND FORCES DEPOT MAINTENANCE</b> .....	43,148	43,148
090	<b>BASE OPERATIONS SUPPORT</b> .....	587,098	587,098
100	<b>FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZA- TION</b> .....	327,180	333,239
	<i>Program increase for additional facility requirements</i> .....		[6,059]
110	<b>MANAGEMENT AND OPERATIONAL HEADQUARTERS</b> .....	28,783	28,783
120	<b>CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS</b> .....	2,745	2,745
130	<b>CYBERSPACE ACTIVITIES—CYBERSECURITY</b> .....	7,438	7,438
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>2,825,366</b>	<b>2,831,425</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
140	<b>SERVICEWIDE TRANSPORTATION</b> .....	15,530	15,530
150	<b>ADMINISTRATION</b> .....	17,761	17,761
160	<b>SERVICEWIDE COMMUNICATIONS</b> .....	14,256	14,256
170	<b>MANPOWER MANAGEMENT</b> .....	6,564	6,564
180	<b>RECRUITING AND ADVERTISING</b> .....	55,240	55,240
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>109,351</b>	<b>109,351</b>
	<b>UNDISTRIBUTED</b>		
210	<b>UNDISTRIBUTED</b> .....		-10,100
	<i>Historical unobligated balances</i> .....		[-10,100]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-10,100</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES</b> .....	<b>2,934,717</b>	<b>2,930,676</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>		
	<b>OPERATING FORCES</b>		
010	<b>MANEUVER UNITS</b> .....	769,449	769,449
020	<b>MODULAR SUPPORT BRIGADES</b> .....	204,604	204,604
030	<b>ECHELONS ABOVE BRIGADE</b> .....	812,072	812,072
040	<b>THEATER LEVEL ASSETS</b> .....	103,650	103,650
050	<b>LAND FORCES OPERATIONS SUPPORT</b> .....	32,485	32,485
060	<b>AVIATION ASSETS</b> .....	1,011,142	1,011,142
070	<b>FORCE READINESS OPERATIONS SUPPORT</b> .....	712,881	712,881
080	<b>LAND FORCES SYSTEMS READINESS</b> .....	47,732	47,732
090	<b>LAND FORCES DEPOT MAINTENANCE</b> .....	265,408	265,408
100	<b>BASE OPERATIONS SUPPORT</b> .....	1,106,704	1,106,704
110	<b>FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZA- TION</b> .....	876,032	892,254
	<i>Program increase for additional facility requirements</i> .....		[16,222]
120	<b>MANAGEMENT AND OPERATIONAL HEADQUARTERS</b> .....	1,050,257	1,050,257

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
130	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS .....	7,998	7,998
140	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	7,756	7,756
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>7,008,170</b>	<b>7,024,392</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
150	SERVICEWIDE TRANSPORTATION .....	8,018	8,018
160	ADMINISTRATION .....	74,309	74,309
170	SERVICEWIDE COMMUNICATIONS .....	66,140	66,140
180	MANPOWER MANAGEMENT .....	9,087	9,087
190	OTHER PERSONNEL SUPPORT .....	251,714	251,714
200	REAL ESTATE MANAGEMENT .....	2,576	2,576
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>411,844</b>	<b>411,844</b>
	<b>UNDISTRIBUTED</b>		
220	UNDISTRIBUTED .....		-19,900
	Historical unobligated balances .....		[-19,900]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-19,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG ..</b>	<b>7,420,014</b>	<b>7,416,336</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	5,738,746	5,359,952
	Transfer to OCO .....		[-378,794]
020	FLEET AIR TRAINING .....	2,213,673	2,161,673
	Restoration of Congressional mark .....		[-52,000]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES ....	57,144	57,144
040	AIR OPERATIONS AND SAFETY SUPPORT .....	171,949	171,949
050	AIR SYSTEMS SUPPORT .....	838,767	834,067
	Restoration of Congressional mark .....		[-4,700]
060	AIRCRAFT DEPOT MAINTENANCE .....	1,459,447	1,459,447
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	57,789	57,789
080	AVIATION LOGISTICS .....	1,264,665	1,234,430
	Restoration of Congressional mark .....		[-30,235]
090	MISSION AND OTHER SHIP OPERATIONS .....		-178,060
	Insufficient justification .....		[-195,000]
	Preservation of LCS 3 and LCS 4 .....		[16,940]
100	SHIP OPERATIONS SUPPORT & TRAINING .....	1,117,067	1,110,267
	Restoration of Congressional mark .....		[-6,800]
110	SHIP DEPOT MAINTENANCE .....	7,859,104	8,530,664
	Preservation of LCS 3 and LCS 4 .....		[21,560]
	Realignment from Procurement for Ship Depot Maintenance Pilot .....		[650,000]
120	SHIP DEPOT OPERATIONS SUPPORT .....	2,262,196	2,261,796
	Preservation of LCS 3 and LCS 4 .....		[12,600]
	Restoration of Congressional mark .....		[-13,000]
125	SHIPYARD INFRASTRUCTURE OPTIMIZATION PLAN .....		90,000
	Realignment from Sustainment, Readiness, and Modernization		[90,000]
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE ...	1,521,360	1,502,360
	Restoration of Congressional mark .....		[-19,000]
140	SPACE SYSTEMS AND SURVEILLANCE .....	274,087	274,087
150	WARFARE TACTICS .....	741,609	741,609
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	401,382	401,382
170	COMBAT SUPPORT FORCES .....	1,546,273	936,273
	Restoration of Congressional mark .....		[-60,000]
	Transfer to OCO .....		[-550,000]
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP- PORT .....	177,951	177,951
190	COMBATANT COMMANDERS CORE OPERATIONS .....	61,484	61,484
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	102,330	102,330
210	MILITARY INFORMATION SUPPORT OPERATIONS .....	8,810	8,810
220	CYBERSPACE ACTIVITIES .....	567,496	567,496
230	FLEET BALLISTIC MISSILE .....	1,428,102	1,428,102
240	WEAPONS MAINTENANCE .....	995,762	950,762
	Restoration of Congressional mark .....		[-45,000]
250	OTHER WEAPON SYSTEMS SUPPORT .....	524,008	524,008
260	ENTERPRISE INFORMATION .....	1,229,056	1,184,056
	Program decrease .....		[-25,000]
	Restoration of Congressional mark .....		[-20,000]
270	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	3,453,099	3,427,045

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	Program increase for additional facility requirements .....		[63,946]
	Realignment to Shipyard Infrastructure Optimization Plan .....		[-90,000]
280	BASE OPERATING SUPPORT .....	4,627,966	4,603,966
	Restoration of Congressional mark .....		[-24,000]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>40,701,322</b>	<b>40,042,839</b>
<b>MOBILIZATION</b>			
290	SHIP PREPOSITIONING AND SURGE .....	849,993	657,900
	Realignment to National Defense Sealift Fund .....		[-314,193]
	Restoration of Congressional mark .....		[-20,000]
	Strategic sealift (MSC surge) annual operating result loss .....		[57,000]
	Surge sealift readiness .....		[85,100]
300	READY RESERVE FORCE .....	436,029	376,029
	Acquisition and conversion of additional used vessels .....		[60,000]
	Realignment to National Defense Sealift Fund .....		[-120,000]
310	SHIP ACTIVATIONS/INACTIVATIONS .....	286,416	258,416
	Restoration of Congressional mark .....		[-28,000]
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	99,402	42,190
	Realignment to National Defense Sealift Fund .....		[-57,212]
330	COAST GUARD SUPPORT .....	25,235	25,235
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,697,075</b>	<b>1,359,770</b>
<b>TRAINING AND RECRUITING</b>			
340	OFFICER ACQUISITION .....	186,117	186,117
350	RECRUIT TRAINING .....	13,206	13,206
360	RESERVE OFFICERS TRAINING CORPS .....	163,683	163,683
370	SPECIALIZED SKILL TRAINING .....	947,841	930,641
	Restoration of Congressional mark .....		[-17,200]
380	PROFESSIONAL DEVELOPMENT EDUCATION .....	367,647	369,147
	Sea Cadets .....		[1,500]
390	TRAINING SUPPORT .....	254,928	254,928
400	RECRUITING AND ADVERTISING .....	206,305	206,305
410	OFF-DUTY AND VOLUNTARY EDUCATION .....	103,799	103,799
420	CIVILIAN EDUCATION AND TRAINING .....	66,060	66,060
430	JUNIOR ROTC .....	56,276	56,276
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>2,365,862</b>	<b>2,350,162</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
440	ADMINISTRATION .....	1,249,410	1,216,410
	Restoration of Congressional mark .....		[-33,000]
450	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....	189,625	189,625
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	499,904	499,904
470	MEDICAL ACTIVITIES .....	196,747	196,747
480	SERVICEWIDE TRANSPORTATION .....	165,708	160,614
	Unjustified funding for Dynamic Force Employment .....		[-5,094]
500	PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....	519,716	519,716
510	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	751,184	690,564
	Transfer to DAWDF—reversal of DWR transfers .....		[-60,620]
520	INVESTIGATIVE AND SECURITY SERVICES .....	747,519	736,519
	Restoration of Congressional mark .....		[-11,000]
625	CLASSIFIED PROGRAMS .....	608,670	608,670
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>4,928,483</b>	<b>4,818,769</b>
<b>UNDISTRIBUTED</b>			
770	UNDISTRIBUTED .....		-71,900
	Foreign Currency adjustments .....		[-48,500]
	Historical unobligated balances .....		[-23,400]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-71,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY ..</b>	<b>49,692,742</b>	<b>48,499,640</b>
<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>			
<b>OPERATING FORCES</b>			
010	OPERATIONAL FORCES .....	941,143	527,743
	Transfer to OCO .....		[-400,000]
	Unjustified funding for Dynamic Force Employment .....		[-13,400]
020	FIELD LOGISTICS .....	1,277,798	1,277,798
030	DEPOT MAINTENANCE .....	206,907	206,907
040	MARITIME PREPOSITIONING .....	103,614	103,614
050	CYBERSPACE ACTIVITIES .....	215,974	215,974

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
060	SUSTAINMENT, RESTORATION & MODERNIZATION .....	938,063	955,434
	Program increase for additional facility requirements .....		[17,371]
070	BASE OPERATING SUPPORT .....	2,264,680	2,264,680
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>5,948,179</b>	<b>5,552,150</b>
	<b>TRAINING AND RECRUITING</b>		
080	RECRUIT TRAINING .....	20,751	20,751
090	OFFICER ACQUISITION .....	1,193	1,193
100	SPECIALIZED SKILL TRAINING .....	110,149	110,149
110	PROFESSIONAL DEVELOPMENT EDUCATION .....	69,509	69,509
120	TRAINING SUPPORT .....	412,613	412,613
130	RECRUITING AND ADVERTISING .....	215,464	215,464
140	OFF-DUTY AND VOLUNTARY EDUCATION .....	33,719	33,719
150	JUNIOR ROTC .....	25,784	25,784
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>889,182</b>	<b>889,182</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	32,005	32,005
170	ADMINISTRATION .....	399,363	399,363
215	CLASSIFIED PROGRAMS .....	59,878	59,878
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>491,246</b>	<b>491,246</b>
	<b>UNDISTRIBUTED</b>		
230	UNDISTRIBUTED .....		-19,700
	Foreign Currency adjustments .....		[-13,400]
	Historical unobligated balances .....		[-6,300]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-19,700</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS</b> .....	<b>7,328,607</b>	<b>6,912,878</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	635,070	635,070
020	INTERMEDIATE MAINTENANCE .....	8,713	8,713
030	AIRCRAFT DEPOT MAINTENANCE .....	105,088	105,088
040	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	398	398
050	AVIATION LOGISTICS .....	27,284	27,284
070	COMBAT COMMUNICATIONS .....	17,894	17,894
080	COMBAT SUPPORT FORCES .....	132,862	132,862
090	CYBERSPACE ACTIVITIES .....	453	453
100	ENTERPRISE INFORMATION .....	26,073	26,073
110	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	48,762	49,665
	Program increase for additional facility requirements .....		[903]
120	BASE OPERATING SUPPORT .....	103,580	103,580
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>1,106,177</b>	<b>1,107,080</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
130	ADMINISTRATION .....	1,927	1,927
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	15,895	15,895
150	ACQUISITION AND PROGRAM MANAGEMENT .....	3,047	3,047
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>20,869</b>	<b>20,869</b>
	<b>UNDISTRIBUTED</b>		
190	UNDISTRIBUTED .....		-3,800
	Historical unobligated balances .....		[-3,800]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-3,800</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES</b> .....	<b>1,127,046</b>	<b>1,124,149</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE OPERATING FORCES</b>		
010	OPERATING FORCES .....	104,616	104,616
020	DEPOT MAINTENANCE .....	17,053	17,053
030	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	41,412	42,179
	Program increase for additional facility requirements .....		[767]
040	BASE OPERATING SUPPORT .....	107,773	107,773
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>270,854</b>	<b>271,621</b>

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
050	ADMINISTRATION .....	13,802	13,802
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>13,802</b>	<b>13,802</b>
<b>UNDISTRIBUTED</b>			
70	UNDISTRIBUTED .....		-700
	Historical unobligated balances .....		[-700]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-700</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RE- SERVE</b> .....	<b>284,656</b>	<b>284,723</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>			
<b>OPERATING FORCES</b>			
010	PRIMARY COMBAT FORCES .....	731,511	733,181
	A-10 retention .....		[1,670]
020	COMBAT ENHANCEMENT FORCES .....	1,275,485	1,275,485
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	1,437,095	1,449,525
	A-10 retention .....		[12,430]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....		154,260
	A-10 retention .....		[81,460]
	KC-135 and KC-10 aircraft retention .....		[72,800]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	3,241,216	3,301,238
	Program increase for additional facility requirements .....		[60,022]
060	CYBERSPACE SUSTAINMENT .....	235,816	235,816
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	1,508,342	1,508,342
080	FLYING HOUR PROGRAM .....	4,458,457	4,511,317
	A-10 retention .....		[52,860]
090	BASE SUPPORT .....	7,497,288	7,487,088
	Unjustified funding for Dynamic Force Employment .....		[-10,200]
100	GLOBAL C3I AND EARLY WARNING .....	849,842	849,842
110	OTHER COMBAT OPS SPT PROGRAMS .....	1,067,055	820,725
	Realignment from Base to OCO .....		[-246,330]
120	CYBERSPACE ACTIVITIES .....	698,579	693,579
	Program decrease .....		[-5,000]
150	SPACE CONTROL SYSTEMS .....	34,194	34,194
160	US NORTHCOM/NORAD .....	204,268	204,268
170	US STRATCOM .....	526,809	526,809
180	US CYBERCOM .....	314,524	314,524
190	US CENTCOM .....	186,116	186,116
200	US SOCOM .....	9,881	9,881
210	US TRANSCOM .....	1,046	1,046
230	USSPACECOM .....	249,022	249,022
235	CLASSIFIED PROGRAMS .....	1,289,339	1,289,339
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>25,815,885</b>	<b>25,835,597</b>
<b>MOBILIZATION</b>			
240	AIRLIFT OPERATIONS .....	1,350,031	1,110,031
	Realignment from Base to OCO .....		[-240,000]
250	MOBILIZATION PREPAREDNESS .....	647,168	647,168
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,997,199</b>	<b>1,757,199</b>
<b>TRAINING AND RECRUITING</b>			
260	OFFICER ACQUISITION .....	142,548	142,548
270	RECRUIT TRAINING .....	25,720	25,720
280	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	128,295	128,295
290	SPECIALIZED SKILL TRAINING .....	417,335	417,335
300	FLIGHT TRAINING .....	615,033	615,033
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	298,795	298,795
320	TRAINING SUPPORT .....	85,844	85,844
330	RECRUITING AND ADVERTISING .....	155,065	155,065
340	EXAMINING .....	4,474	4,474
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	219,349	219,349
360	CIVILIAN EDUCATION AND TRAINING .....	361,570	371,570
	Sustainment Workforce Development Program increase .....		[10,000]
370	JUNIOR ROTC .....	72,126	72,126
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>2,526,154</b>	<b>2,536,154</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
380	LOGISTICS OPERATIONS .....	672,426	672,426
390	TECHNICAL SUPPORT ACTIVITIES .....	145,130	103,070
	Transfer to DAWDF—reversal of DWR transfers .....		[-42,060]
400	ADMINISTRATION .....	851,251	851,251
410	SERVICEWIDE COMMUNICATIONS .....	28,554	28,554
420	OTHER SERVICEWIDE ACTIVITIES .....	1,188,414	1,188,414
430	CIVIL AIR PATROL .....	28,772	43,215
	Program increase .....		[14,443]
450	INTERNATIONAL SUPPORT .....	158,803	158,803
455	CLASSIFIED PROGRAMS .....	1,338,009	1,338,009
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,411,359</b>	<b>4,383,742</b>
	<b>UNDISTRIBUTED</b>		
550	UNDISTRIBUTED .....		-72,700
	Foreign Currency adjustments .....		[-39,400]
	Historical unobligated balances .....		[-33,300]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-72,700</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE .....</b>	<b>34,750,597</b>	<b>34,439,992</b>
	<b>OPERATION &amp; MAINTENANCE, SPACE FORCE OPERATING FORCES</b>		
020	GLOBAL C3I & EARLY WARNING .....	276,109	276,109
030	SPACE LAUNCH OPERATIONS .....	177,056	177,056
040	SPACE OPERATIONS .....	475,338	475,338
050	EDUCATION & TRAINING .....	18,660	18,660
060	SPECIAL PROGRAMS .....	137,315	137,315
070	DEPOT MAINTENANCE .....	250,324	250,324
080	CONTRACTOR LOGISTICS & SYSTEM SUPPORT .....	1,063,969	1,063,969
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>2,398,771</b>	<b>2,398,771</b>
	<b>ADMINISTRATION AND SERVICE WIDE ACTIVITIES</b>		
090	ADMINISTRATION .....	132,523	132,523
	<b>SUBTOTAL ADMINISTRATION AND SERVICE WIDE ACTIVITIES .....</b>	<b>132,523</b>	<b>132,523</b>
	<b>UNDISTRIBUTED</b>		
110	UNDISTRIBUTED .....		-2,400
	Historical unobligated balances .....		[-2,400]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-2,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, SPACE FORCE .....</b>	<b>2,531,294</b>	<b>2,528,894</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	1,782,016	1,782,016
020	MISSION SUPPORT OPERATIONS .....	215,209	215,209
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	453,896	476,096
	KC-135 and KC-10 aircraft retention .....		[22,200]
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	103,414	105,329
	Program increase for additional facility requirements .....		[1,915]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	224,977	224,977
060	BASE SUPPORT .....	452,468	452,468
070	CYBERSPACE ACTIVITIES .....	2,259	2,259
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,234,239</b>	<b>3,258,354</b>
	<b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>		
080	ADMINISTRATION .....	74,258	74,258
090	RECRUITING AND ADVERTISING .....	23,121	23,121
100	MILITARY MANPOWER AND PERS MGMT (ARPC) .....	12,006	12,006
110	OTHER PERS SUPPORT (DISABILITY COMP) .....	6,165	6,165
120	AUDIOVISUAL .....	495	495
	<b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES .....</b>	<b>116,045</b>	<b>116,045</b>
	<b>UNDISTRIBUTED</b>		
130	UNDISTRIBUTED .....		-9,100



<b>SEC. 4301. OPERATION AND MAINTENANCE</b> <i>(In Thousands of Dollars)</i>			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	Historical unobligated balances .....		[-9,100]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-9,100</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RE-SERVE</b> .....	<b>3,350,284</b>	<b>3,365,299</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
010	AIRCRAFT OPERATIONS .....	2,476,205	2,476,205
020	MISSION SUPPORT OPERATIONS .....	611,325	611,325
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	1,138,919	1,153,919
	KC-135 aircraft retention .....		[15,000]
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	323,605	359,598
	Installation recovery .....		[30,000]
	Program increase for additional facility requirements .....		[5,993]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	1,100,828	1,100,828
060	BASE SUPPORT .....	962,438	962,438
070	CYBERSPACE SUSTAINMENT .....	27,028	27,028
080	CYBERSPACE ACTIVITIES .....	16,380	16,380
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,656,728</b>	<b>6,707,721</b>
	<b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>		
090	ADMINISTRATION .....	48,218	48,218
100	RECRUITING AND ADVERTISING .....	48,696	48,696
	<b>SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b> .....	<b>96,914</b>	<b>96,914</b>
	<b>UNDISTRIBUTED</b>		
110	UNDISTRIBUTED .....		-13,300
	Historical unobligated balances .....		[-13,300]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-13,300</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> ....	<b>6,753,642</b>	<b>6,791,335</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF .....	439,111	439,111
020	JOINT CHIEFS OF STAFF—CE2T2 .....	535,728	535,728
030	JOINT CHIEFS OF STAFF—CYBER .....	24,728	24,728
040	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES .....	1,069,971	1,069,971
050	SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES .....	9,800	9,800
060	SPECIAL OPERATIONS COMMAND INTELLIGENCE .....	561,907	556,907
	Unjustified growth .....		[-5,000]
070	SPECIAL OPERATIONS COMMAND MAINTENANCE .....	685,097	680,097
	Program decrease .....		[-5,000]
080	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS .....	158,971	158,971
090	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT .....	1,062,748	1,062,748
100	SPECIAL OPERATIONS COMMAND THEATER FORCES .....	2,598,385	2,598,385
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>7,146,446</b>	<b>7,136,446</b>
	<b>TRAINING AND RECRUITING</b>		
120	DEFENSE ACQUISITION UNIVERSITY .....	162,963	162,963
130	JOINT CHIEFS OF STAFF .....	95,684	95,684
140	PROFESSIONAL DEVELOPMENT EDUCATION .....	33,301	33,301
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>291,948</b>	<b>291,948</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
160	CIVIL MILITARY PROGRAMS .....	147,993	167,993
	Program increase—STARBASE .....		[20,000]
180	DEFENSE CONTRACT AUDIT AGENCY .....	604,835	636,565
	Restoration of DWR reductions .....		[31,730]
190	DEFENSE CONTRACT AUDIT AGENCY—CYBER .....	3,282	3,282
210	DEFENSE CONTRACT MANAGEMENT AGENCY .....	1,370,681	1,445,781
	Restoration of DWR reductions .....		[75,100]
220	DEFENSE CONTRACT MANAGEMENT AGENCY—CYBER .....	22,532	22,532

**SEC. 4301. OPERATION AND MAINTENANCE**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
230	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY .....	949,008	949,008
250	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY—CYBER .....	9,577	9,577
260	DEFENSE HUMAN RESOURCES ACTIVITY .....	799,952	813,356
	<i>Defense Flagship Language and Project Global Officer program increase</i> .....		[13,404]
270	DEFENSE HUMAN RESOURCES ACTIVITY—CYBER .....	20,806	20,806
280	DEFENSE INFORMATION SYSTEMS AGENCY .....	1,883,190	1,871,590
	<i>JRSS program decrease</i> .....		[-11,600]
290	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER .....	582,639	582,639
330	DEFENSE LEGAL SERVICES AGENCY .....	37,637	37,637
340	DEFENSE LOGISTICS AGENCY .....	382,084	412,084
	<i>Maternity Uniform Pilot Program</i> .....		[10,000]
	<i>Program increase—PTAP</i> .....		[20,000]
350	DEFENSE MEDIA ACTIVITY .....	196,997	205,997
	<i>Stars and Stripes</i> .....		[9,000]
360	DEFENSE PERSONNEL ACCOUNTING AGENCY .....	129,225	129,225
370	DEFENSE SECURITY COOPERATION AGENCY .....	598,559	598,559
400	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....	38,432	38,432
410	DEFENSE THREAT REDUCTION AGENCY .....	591,780	591,780
430	DEFENSE THREAT REDUCTION AGENCY—CYBER .....	24,635	24,635
440	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	2,941,429	2,991,429
	<i>Impact Aid</i> .....		[40,000]
	<i>Impact Aid for children with disabilities</i> .....		[10,000]
450	MISSILE DEFENSE AGENCY .....	505,858	505,858
480	OFFICE OF ECONOMIC ADJUSTMENT .....	40,272	129,272
	<i>Defense Community Infrastructure Program</i> .....		[50,000]
	<i>Guam Public Health Laboratory</i> .....		[19,000]
	<i>Restoration of DWR reduction</i> .....		[20,000]
490	OFFICE OF THE SECRETARY OF DEFENSE .....	1,540,446	1,631,946
	<i>Additional FTEs, Office of the Deputy Assistant Secretary for Environment</i> .....		[2,000]
	<i>Additional FTEs, Office of the Deputy Assistant Secretary for Facilities Management</i> .....		[2,000]
	<i>Basic needs allowance</i> .....		[50,000]
	<i>National Security Commission on Artificial Intelligence (NSCAI)</i> .....		[2,500]
	<i>Program increase—Readiness and Environmental Protection Initiative</i> .....		[25,000]
	<i>Undersecretary of Defense for Intelligence and Security, medical intelligence improvements</i> .....		[10,000]
500	OFFICE OF THE SECRETARY OF DEFENSE—CYBER .....	51,630	51,630
510	SPACE DEVELOPMENT AGENCY .....	48,166	36,166
	<i>Reduction for studies</i> .....		[-7,000]
	<i>Unjustified growth</i> .....		[-5,000]
530	WASHINGTON HEADQUARTERS SERVICES .....	340,291	340,291
535	CLASSIFIED PROGRAMS .....	17,348,749	17,348,749
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>31,210,685</b>	<b>31,596,819</b>
	<b>UNDISTRIBUTED</b>		
600	UNDISTRIBUTED .....		-88,000
	<i>Foreign Currency adjustments</i> .....		[-18,700]
	<i>Historical unobligated balances</i> .....		[-69,300]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-88,000</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....	<b>38,649,079</b>	<b>38,937,213</b>
	<b>US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVITIES</b>		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....	15,211	15,211
	<b>SUBTOTAL ADMINISTRATION AND ASSOCIATED ACTIVITIES</b> .....	<b>15,211</b>	<b>15,211</b>
	<b>TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF</b> .....	<b>15,211</b>	<b>15,211</b>

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> <i>(In Thousands of Dollars)</i>			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>DOD ACQUISITION WORKFORCE DEVELOPMENT FUND</b>			
<b>ACQUISITION WORKFORCE DEVELOPMENT</b>			
010	ACQ WORKFORCE DEV FD .....	58,181	198,501
	Transfer from services—reversal of DWR transfers .....		[140,320]
	<b>SUBTOTAL ACQUISITION WORKFORCE DEVELOPMENT</b> .....	<b>58,181</b>	<b>198,501</b>
	<b>TOTAL DOD ACQUISITION WORKFORCE DEVELOPMENT FUND</b> .....	<b>58,181</b>	<b>198,501</b>
<b>OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID</b>			
<b>HUMANITARIAN ASSISTANCE</b>			
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....	109,900	109,900
	<b>SUBTOTAL HUMANITARIAN ASSISTANCE</b> .....	<b>109,900</b>	<b>109,900</b>
	<b>TOTAL OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID</b> .....	<b>109,900</b>	<b>109,900</b>
<b>COOPERATIVE THREAT REDUCTION ACCOUNT</b>			
<b>COOPERATIVE THREAT REDUCTION</b>			
010	COOPERATIVE THREAT REDUCTION .....	238,490	373,690
	Restoration of funding .....		[135,200]
	<b>SUBTOTAL COOPERATIVE THREAT REDUCTION</b> .....	<b>238,490</b>	<b>373,690</b>
	<b>TOTAL COOPERATIVE THREAT REDUCTION ACCOUNT</b> .....	<b>238,490</b>	<b>373,690</b>
<b>ENVIRONMENTAL RESTORATION</b>			
<b>DEPARTMENT OF THE ARMY</b>			
050	ENVIRONMENTAL RESTORATION, ARMY .....	207,518	207,518
	<b>SUBTOTAL DEPARTMENT OF THE ARMY</b> .....	<b>207,518</b>	<b>207,518</b>
<b>DEPARTMENT OF THE NAVY</b>			
060	ENVIRONMENTAL RESTORATION, NAVY .....	335,932	335,932
	<b>SUBTOTAL DEPARTMENT OF THE NAVY</b> .....	<b>335,932</b>	<b>335,932</b>
<b>DEPARTMENT OF THE AIR FORCE</b>			
070	ENVIRONMENTAL RESTORATION, AIR FORCE .....	303,926	303,926
	<b>SUBTOTAL DEPARTMENT OF THE AIR FORCE</b> ...	<b>303,926</b>	<b>303,926</b>
<b>DEFENSE-WIDE</b>			
080	ENVIRONMENTAL RESTORATION, DEFENSE .....	9,105	9,105
	<b>SUBTOTAL DEFENSE-WIDE</b> .....	<b>9,105</b>	<b>9,105</b>
<b>DEFENSE-WIDE</b>			
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES ..	216,587	266,587
	Military Munitions Response Program .....		[50,000]
	<b>SUBTOTAL DEFENSE-WIDE</b> .....	<b>216,587</b>	<b>266,587</b>
	<b>TOTAL ENVIRONMENTAL RESTORATION</b> .....	<b>1,073,068</b>	<b>1,123,068</b>
<b>UNDISTRIBUTED</b>			
010	UNDISTRIBUTED .....		-1,455,870
	Excessive standard price for fuel .....		[-1,455,870]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-1,455,870</b>
	<b>TOTAL UNDISTRIBUTED</b> .....		<b>-1,455,870</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE</b> .....	<b>196,630,496</b>	<b>193,840,371</b>

1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**

2 **CONTINGENCY OPERATIONS.**

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	House Authorized
<b>OPERATION &amp; MAINTENANCE, ARMY</b>			
<b>OPERATING FORCES</b>			
010	MANEUVER UNITS .....	4,114,001	3,789,001
	Drawdown from Operation Freedom's Sentinel .....		[-75,000]
	Unjustified funding for Dynamic Force Employment .....		[-250,000]
030	ECHELONS ABOVE BRIGADE .....	32,811	32,811
040	THEATER LEVEL ASSETS .....	2,542,760	2,102,760
	Drawdown from Operation Freedom's Sentinel .....		[-440,000]
050	LAND FORCES OPERATIONS SUPPORT .....	162,557	122,557
	Drawdown from Operation Freedom's Sentinel .....		[-40,000]
060	AVIATION ASSETS .....	204,396	179,572
	Drawdown from Operation Freedom's Sentinel .....		[-24,824]
070	FORCE READINESS OPERATIONS SUPPORT .....	5,716,734	4,716,734
	Drawdown from Operation Freedom's Sentinel .....		[-1,000,000]
080	LAND FORCES SYSTEMS READINESS .....	180,048	140,048
	Drawdown from Operation Freedom's Sentinel .....		[-40,000]
090	LAND FORCES DEPOT MAINTENANCE .....	81,125	81,125
100	BASE OPERATIONS SUPPORT .....	219,029	219,029
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ...	301,017	301,017
130	ADDITIONAL ACTIVITIES .....	966,649	782,649
	Drawdown from Operation Freedom's Sentinel .....		[-184,000]
140	COMMANDER'S EMERGENCY RESPONSE PROGRAM .....	2,500	2,500
150	RESET .....	403,796	803,796
	Retrograde from Operation Freedom's Sentinel .....		[400,000]
160	US AFRICA COMMAND .....	100,422	100,422
170	US EUROPEAN COMMAND .....	120,043	120,043
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS .....	98,461	98,461
210	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	21,256	21,256
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>15,267,605</b>	<b>13,613,781</b>
<b>MOBILIZATION</b>			
230	ARMY PREPOSITIONED STOCKS .....	103,052	103,052
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>103,052</b>	<b>103,052</b>
<b>TRAINING AND RECRUITING</b>			
290	SPECIALIZED SKILL TRAINING .....	89,943	89,943
320	TRAINING SUPPORT .....	2,550	2,550
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>92,493</b>	<b>92,493</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
390	SERVICEWIDE TRANSPORTATION .....	521,090	821,090
	Retrograde from Operation Freedom's Sentinel .....		[300,000]
400	CENTRAL SUPPLY ACTIVITIES .....	43,897	43,897
410	LOGISTIC SUPPORT ACTIVITIES .....	68,423	68,423
420	AMMUNITION MANAGEMENT .....	29,162	29,162
440	SERVICEWIDE COMMUNICATIONS .....	11,447	11,447
470	OTHER SERVICE SUPPORT .....	5,839	5,839
490	REAL ESTATE MANAGEMENT .....	48,782	48,782
510	INTERNATIONAL MILITARY HEADQUARTERS .....	50,000	50,000
565	CLASSIFIED PROGRAMS .....	895,964	895,964
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>1,674,604</b>	<b>1,974,604</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>17,137,754</b>	<b>15,783,930</b>
<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>			
<b>OPERATING FORCES</b>			
020	ECHELONS ABOVE BRIGADE .....	17,193	17,193
060	FORCE READINESS OPERATIONS SUPPORT .....	440	440
090	BASE OPERATIONS SUPPORT .....	15,766	15,766
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>33,399</b>	<b>33,399</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES ...</b>	<b>33,399</b>	<b>33,399</b>
<b>OPERATION &amp; MAINTENANCE, ARNG</b>			
<b>OPERATING FORCES</b>			

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
010	MANEUVER UNITS .....	25,746	25,746
020	MODULAR SUPPORT BRIGADES .....	40	40
030	ECHELONS ABOVE BRIGADE .....	983	983
040	THEATER LEVEL ASSETS .....	22	22
060	AVIATION ASSETS .....	20,624	20,624
070	FORCE READINESS OPERATIONS SUPPORT .....	7,914	7,914
100	BASE OPERATIONS SUPPORT .....	24,417	24,417
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>79,746</b>	<b>79,746</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
170	SERVICEWIDE COMMUNICATIONS .....	46	46
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>46</b>	<b>46</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>79,792</b>	<b>79,792</b>
	<b>AFGHANISTAN SECURITY FORCES FUND</b>		
	<b>AFGHAN NATIONAL ARMY</b>		
010	SUSTAINMENT .....	1,065,932	1,065,932
020	INFRASTRUCTURE .....	64,501	64,501
030	EQUIPMENT AND TRANSPORTATION .....	47,854	47,854
040	TRAINING AND OPERATIONS .....	56,780	56,780
	<b>SUBTOTAL AFGHAN NATIONAL ARMY .....</b>	<b>1,235,067</b>	<b>1,235,067</b>
	<b>AFGHAN NATIONAL POLICE</b>		
050	SUSTAINMENT .....	434,500	434,500
060	INFRASTRUCTURE .....	448	448
070	EQUIPMENT AND TRANSPORTATION .....	108,231	108,231
080	TRAINING AND OPERATIONS .....	58,993	58,993
	<b>SUBTOTAL AFGHAN NATIONAL POLICE .....</b>	<b>602,172</b>	<b>602,172</b>
	<b>AFGHAN AIR FORCE</b>		
090	SUSTAINMENT .....	534,102	534,102
100	INFRASTRUCTURE .....	9,532	9,532
110	EQUIPMENT AND TRANSPORTATION .....	58,487	58,487
120	TRAINING AND OPERATIONS .....	233,803	233,803
	<b>SUBTOTAL AFGHAN AIR FORCE .....</b>	<b>835,924</b>	<b>835,924</b>
	<b>AFGHAN SPECIAL SECURITY FORCES UNDISTRIBUTED</b>		
130	SUSTAINMENT .....	680,024	680,024
140	INFRASTRUCTURE .....	2,532	2,532
150	EQUIPMENT AND TRANSPORTATION .....	486,808	486,808
160	TRAINING AND OPERATIONS .....	173,085	173,085
	<b>SUBTOTAL AFGHAN SPECIAL SECURITY FORCES .....</b>	<b>1,342,449</b>	<b>1,342,449</b>
170	UNDISTRIBUTED .....		-500,000
	Insufficient justification .....		[-500,000]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-500,000</b>
	<b>TOTAL AFGHANISTAN SECURITY FORCES FUND ....</b>	<b>4,015,612</b>	<b>3,515,612</b>
	<b>COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)</b>		
010	IRAQ .....	645,000	500,000
	Program decrease .....		[-145,000]
020	SYRIA .....	200,000	200,000
	<b>TOTAL COUNTER ISIS TRAIN AND EQUIP FUND (CTEF) .....</b>	<b>845,000</b>	<b>700,000</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	382,062	760,856
	Transfer from base .....		[378,794]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	832	832
040	AIR OPERATIONS AND SAFETY SUPPORT .....	17,840	17,840
050	AIR SYSTEMS SUPPORT .....	210,692	210,692
060	AIRCRAFT DEPOT MAINTENANCE .....	170,580	170,580
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	5,854	5,854
080	AVIATION LOGISTICS .....	33,707	33,707
090	MISSION AND OTHER SHIP OPERATIONS .....	5,817,696	5,817,696

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
100	SHIP OPERATIONS SUPPORT & TRAINING .....	20,741	20,741
110	SHIP DEPOT MAINTENANCE .....	2,072,470	2,072,470
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	59,254	59,254
140	SPACE SYSTEMS AND SURVEILLANCE .....	18,000	18,000
150	WARFARE TACTICS .....	17,324	17,324
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	22,581	22,581
170	COMBAT SUPPORT FORCES .....	772,441	1,322,441
	<i>Transfer from base .....</i>		[550,000]
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	5,788	5,788
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	24,800	24,800
220	CYBERSPACE ACTIVITIES .....	369	369
240	WEAPONS MAINTENANCE .....	567,247	567,247
250	OTHER WEAPON SYSTEMS SUPPORT .....	12,571	12,571
270	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	70,041	70,041
280	BASE OPERATING SUPPORT .....	218,792	218,792
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>10,521,682</b>	<b>11,450,476</b>
	<b>MOBILIZATION</b>		
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	22,589	22,589
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>22,589</b>	<b>22,589</b>
	<b>TRAINING AND RECRUITING</b>		
370	SPECIALIZED SKILL TRAINING .....	53,204	53,204
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>53,204</b>	<b>53,204</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
440	ADMINISTRATION .....	9,983	9,983
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	7,805	7,805
480	SERVICEMAN TRANSPORTATION .....	72,097	72,097
510	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	11,354	11,354
520	INVESTIGATIVE AND SECURITY SERVICES .....	1,591	1,591
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>102,830</b>	<b>102,830</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>10,700,305</b>	<b>11,629,099</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>		
	<b>OPERATING FORCES</b>		
010	OPERATIONAL FORCES .....	727,989	1,127,989
	<i>Transfer from base .....</i>		[400,000]
020	FIELD LOGISTICS .....	195,001	195,001
030	DEPOT MAINTENANCE .....	55,183	55,183
050	CYBERSPACE ACTIVITIES .....	10,000	10,000
070	BASE OPERATING SUPPORT .....	24,569	24,569
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,012,742</b>	<b>1,412,742</b>
	<b>TRAINING AND RECRUITING</b>		
120	TRAINING SUPPORT .....	28,458	28,458
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>28,458</b>	<b>28,458</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEMAN TRANSPORTATION .....	61,400	61,400
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>61,400</b>	<b>61,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>1,102,600</b>	<b>1,502,600</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES</b>		
	<b>OPERATING FORCES</b>		
020	INTERMEDIATE MAINTENANCE .....	522	522
030	AIRCRAFT DEPOT MAINTENANCE .....	11,861	11,861
080	COMBAT SUPPORT FORCES .....	9,109	9,109
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>21,492</b>	<b>21,492</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES ...</b>	<b>21,492</b>	<b>21,492</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>		
	<b>OPERATING FORCES</b>		
010	OPERATING FORCES .....	7,627	7,627
040	BASE OPERATING SUPPORT .....	1,080	1,080
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>8,707</b>	<b>8,707</b>

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RE- SERVE</b> .....	<b>8,707</b>	<b>8,707</b>
	<b>OPERATION &amp; MAINTENANCE, AIR FORCE OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	125,551	125,551
020	COMBAT ENHANCEMENT FORCES .....	916,538	916,538
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	93,970	93,970
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	3,528,059	3,528,059
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ...	147,264	147,264
060	CYBERSPACE SUSTAINMENT .....	10,842	10,842
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	7,187,100	7,187,100
080	FLYING HOUR PROGRAM .....	2,031,548	2,031,548
090	BASE SUPPORT .....	1,540,444	1,540,444
100	GLOBAL C3I AND EARLY WARNING .....	13,709	13,709
110	OTHER COMBAT OPS SPT PROGRAMS .....	345,800	592,130
	Realignment from Base to OCO .....		[246,330]
120	CYBERSPACE ACTIVITIES .....	17,936	17,936
130	TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES .....	36,820	36,820
140	LAUNCH FACILITIES .....	70	70
150	SPACE CONTROL SYSTEMS .....	1,450	1,450
160	US NORTHCOM/NORAD .....	725	725
170	US STRATCOM .....	856	856
180	US CYBERCOM .....	35,189	35,189
190	US CENTCOM .....	126,934	126,934
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>16,160,805</b>	<b>16,407,135</b>
	<b>MOBILIZATION</b>		
240	AIRLIFT OPERATIONS .....	1,271,439	1,511,439
	Realignment from Base to OCO .....		[240,000]
250	MOBILIZATION PREPAREDNESS .....	120,866	120,866
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,392,305</b>	<b>1,632,305</b>
	<b>TRAINING AND RECRUITING</b>		
260	OFFICER ACQUISITION .....	200	200
270	RECRUIT TRAINING .....	352	352
290	SPECIALIZED SKILL TRAINING .....	27,010	27,010
300	FLIGHT TRAINING .....	844	844
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	1,199	1,199
320	TRAINING SUPPORT .....	1,320	1,320
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>30,925</b>	<b>30,925</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
380	LOGISTICS OPERATIONS .....	164,701	164,701
390	TECHNICAL SUPPORT ACTIVITIES .....	11,782	11,782
400	ADMINISTRATION .....	3,886	3,886
410	SERVICEWIDE COMMUNICATIONS .....	355	355
420	OTHER SERVICEWIDE ACTIVITIES .....	100,831	100,831
450	INTERNATIONAL SUPPORT .....	29,928	29,928
453	CLASSIFIED PROGRAMS .....	34,502	34,502
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>345,985</b>	<b>345,985</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b>	<b>17,930,020</b>	<b>18,416,350</b>
	<b>OPERATION &amp; MAINTENANCE, SPACE FORCE OPERATING FORCES</b>		
020	GLOBAL C3I & EARLY WARNING .....	227	227
030	SPACE LAUNCH OPERATIONS .....	321	321
040	SPACE OPERATIONS .....	15,135	15,135
070	DEPOT MAINTENANCE .....	18,268	18,268
080	CONTRACTOR LOGISTICS & SYSTEM SUPPORT .....	43,164	43,164
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>77,115</b>	<b>77,115</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, SPACE FORCE</b> .....	<b>77,115</b>	<b>77,115</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>		
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	24,408	24,408

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
060	BASE SUPPORT .....	5,682	5,682
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>30,090</b>	<b>30,090</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RE- SERVE</b> .....	<b>30,090</b>	<b>30,090</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
020	MISSION SUPPORT OPERATIONS .....	3,739	3,739
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	61,862	61,862
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	97,108	97,108
060	BASE SUPPORT .....	12,933	12,933
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>175,642</b>	<b>175,642</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>175,642</b>	<b>175,642</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF .....	3,799	3,799
020	JOINT CHIEFS OF STAFF—CE2T2 .....	6,634	6,634
040	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT AC- TIVITIES .....	898,024	893,024
	<i>Maritime Support Vessel</i> .....		[-5,000]
060	SPECIAL OPERATIONS COMMAND INTELLIGENCE .....	1,244,553	1,214,553
	<i>Program decrease</i> .....		[-30,000]
070	SPECIAL OPERATIONS COMMAND MAINTENANCE .....	354,951	354,951
090	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT .....	104,535	104,535
100	SPECIAL OPERATIONS COMMAND THEATER FORCES .....	757,744	732,744
	<i>Unjustified growth</i> .....		[-25,000]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,370,240</b>	<b>3,310,240</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
180	DEFENSE CONTRACT AUDIT AGENCY .....	1,247	1,247
210	DEFENSE CONTRACT MANAGEMENT AGENCY .....	21,723	21,723
280	DEFENSE INFORMATION SYSTEMS AGENCY .....	56,256	56,256
290	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER .....	3,524	3,524
330	DEFENSE LEGAL SERVICES AGENCY .....	156,373	156,373
350	DEFENSE MEDIA ACTIVITY .....	3,555	9,555
	<i>Stars and Stripes</i> .....		[6,000]
370	DEFENSE SECURITY COOPERATION AGENCY .....	1,557,763	1,337,763
	<i>Program increase—security cooperation</i> .....		[30,000]
	<i>Transfer to Ukraine Security Assistance</i> .....		[-250,000]
410	DEFENSE THREAT REDUCTION AGENCY .....	297,486	297,486
490	OFFICE OF THE SECRETARY OF DEFENSE .....	16,984	16,984
530	WASHINGTON HEADQUARTERS SERVICES .....	1,997	1,997
533	CLASSIFIED PROGRAMS .....	535,106	535,106
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>2,652,014</b>	<b>2,438,014</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE</b> .....	<b>6,022,254</b>	<b>5,748,254</b>
	<b>UKRAINE SECURITY ASSISTANCE</b>		
	<b>UKRAINE SECURITY ASSISTANCE</b>		
010	UKRAINE SECURITY ASSISTANCE INITIATIVE .....		250,000
	<i>Transfer from Defense Security Cooperation Agency</i> .....		[250,000]
	<b>SUBTOTAL UKRAINE SECURITY ASSISTANCE</b> .....		<b>250,000</b>
	<b>TOTAL UKRAINE SECURITY ASSISTANCE</b> .....		<b>250,000</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE</b> .....	<b>58,179,782</b>	<b>57,972,082</b>



1 **TITLE XLIV—MILITARY**  
 2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

<i>SEC. 4401. MILITARY PERSONNEL (In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
<b>Military Personnel Appropriations</b> .....	<b>150,524,104</b>	<b>149,430,304</b>
<i>Historical unobligated balances</i> .....		-924,000
<i>Foreign Currency adjustments</i> .....		-169,800
<b>Medicare-Eligible Retiree Health Fund Contribu- tions</b> .....	<b>8,372,741</b>	<b>8,372,741</b>

4 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
 5 **GENCY OPERATIONS.**

<i>SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
<b>Military Personnel Appropriations</b> .....	<b>4,602,593</b>	<b>4,602,593</b>

6 **TITLE XLV—OTHER**  
 7 **AUTHORIZATIONS**

8 **SEC. 4501. OTHER AUTHORIZATIONS.**

<i>SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
<b>WORKING CAPITAL FUND, ARMY</b>		
<i>ARMY ARSENALS INITIATIVE</i> .....	32,551	32,551
<i>ARMY SUPPLY MANAGEMENT</i> .....	24,166	24,166
<b>TOTAL WORKING CAPITAL FUND, ARMY</b> .....	<b>56,717</b>	<b>56,717</b>
<b>WORKING CAPITAL FUND, AIR FORCE</b>		
<b>WORKING CAPITAL FUND</b>		
<i>WORKING CAPITAL FUND</i> .....	95,712	95,712
<b>TOTAL WORKING CAPITAL FUND, AIR FORCE</b> ..	<b>95,712</b>	<b>95,712</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>		
<b>WORKING CAPITAL FUND SUPPORT</b>		
<i>WORKING CAPITAL FUND SUPPORT</i> .....	49,821	49,821
<b>TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE</b> .....	<b>49,821</b>	<b>49,821</b>
<b>WORKING CAPITAL FUND, DECA</b>		
<i>WORKING CAPITAL FUND SUPPORT</i> .....	1,146,660	1,146,660
<b>TOTAL WORKING CAPITAL FUND, DECA</b> .....	<b>1,146,660</b>	<b>1,146,660</b>
<b>NATIONAL DEFENSE SEALIFT FUND</b>		
<i>SEALIFT RECAPITALIZATION</i> .....		170,000

**SEC. 4501. OTHER AUTHORIZATIONS**  
**(In Thousands of Dollars)**

<i>Item</i>	<b>FY 2021 Request</b>	<b>House Authorized</b>
Accelerate design of a commercial-based sealift ship .....		[50,000]
Transfer from OMN-300 for acquisition of four used sea- lift vessels .....		[120,000]
<b>SHIP PREPOSITIONING AND SURGE</b> .....		314,193
Transfer from OMN-290 .....		[314,193]
<b>EXPEDITIONARY HEALTH SERVICES</b> .....		57,212
Transfer from OMN-320 .....		[57,212]
<b>TOTAL NATIONAL DEFENSE SEALIFT FUND</b> .....		<b>541,405</b>
<b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b>		
CHEM DEMILITARIZATION—O&M .....	106,691	106,691
CHEM DEMILITARIZATION—RDT&E .....	782,193	782,193
CHEM DEMILITARIZATION—PROC .....	616	616
<b>TOTAL CHEM AGENTS &amp; MUNITIONS DE- STRUCTION</b> .....	<b>889,500</b>	<b>889,500</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>		
COUNTER-NARCOTICS SUPPORT .....	546,203	546,203
DRUG DEMAND REDUCTION PROGRAM .....	123,704	123,704
NATIONAL GUARD COUNTER-DRUG PROGRAM .....	94,211	94,211
NATIONAL GUARD COUNTER-DRUG SCHOOLS .....	5,511	5,511
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG AC- TIVITIES, DEF</b> .....	<b>769,629</b>	<b>769,629</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>		
OFFICE OF THE INSPECTOR GENERAL .....	368,279	384,536
Additional oversight of coronavirus relief .....		[16,257]
<b>OFFICE OF THE INSPECTOR GENERAL—CYBER</b>		
OFFICE OF THE INSPECTOR GENERAL—CYBER .....	1,204	1,204
OFFICE OF THE INSPECTOR GENERAL—RDTE .....	1,098	1,098
OFFICE OF THE INSPECTOR GENERAL—PROCUREMENT ....	858	858
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b> .....	<b>371,439</b>	<b>387,696</b>
<b>DEFENSE HEALTH PROGRAM</b>		
IN-HOUSE CARE .....	9,560,564	9,596,564
Reverse DWR savings from downsizing MTFs .....		[36,000]
PRIVATE SECTOR CARE .....	15,841,887	15,841,887
CONSOLIDATED HEALTH SUPPORT .....	1,338,269	1,338,269
INFORMATION MANAGEMENT .....	2,039,910	2,039,910
MANAGEMENT ACTIVITIES .....	330,627	330,627
EDUCATION AND TRAINING .....	315,691	325,691
Reverse DWR cuts to USUHS .....		[10,000]
BASE OPERATIONS/COMMUNICATIONS .....	1,922,605	1,922,605
R&D RESEARCH .....	8,913	8,913
R&D EXPLORATORY DEVELOPMENT .....	73,984	73,984
R&D ADVANCED DEVELOPMENT .....	225,602	225,602
R&D DEMONSTRATION/VALIDATION .....	132,331	132,331
R&D ENGINEERING DEVELOPMENT .....	55,748	70,748
Freeze-dried platelets .....		[15,000]
R&D MANAGEMENT AND SUPPORT .....	48,672	48,672
R&D CAPABILITIES ENHANCEMENT .....	17,215	17,215
PROC INITIAL OUTFITTING .....	22,932	22,932
PROC REPLACEMENT & MODERNIZATION .....	215,618	215,618
PROC MILITARY HEALTH SYSTEM—DESKTOP TO DATACENTER .....	70,872	70,872
PROC DOD HEALTHCARE MANAGEMENT SYSTEM MOD- ERNIZATION .....	308,504	308,504
SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS ....	160,428	160,428
UNDISTRIBUTED .....		-9,800
Foreign Currency adjustments .....		[-9,800]
<b>TOTAL DEFENSE HEALTH PROGRAM</b> .....	<b>32,690,372</b>	<b>32,741,572</b>

**SEC. 4501. OTHER AUTHORIZATIONS**  
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
<b>TOTAL OTHER AUTHORIZATIONS</b> .....	<b>36,069,850</b>	<b>36,678,712</b>

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
<b>WORKING CAPITAL FUND, ARMY</b>		
<b>ARMY ARSENALS INITIATIVE</b>		
ARMY SUPPLY MANAGEMENT .....	20,090	20,090
<b>TOTAL WORKING CAPITAL FUND, ARMY</b> .....	<b>20,090</b>	<b>20,090</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>		
OFFICE OF THE INSPECTOR GENERAL .....	24,069	24,069
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b> .....	<b>24,069</b>	<b>24,069</b>
<b>DEFENSE HEALTH PROGRAM</b>		
IN-HOUSE CARE .....	65,072	65,072
PRIVATE SECTOR CARE .....	296,828	296,828
CONSOLIDATED HEALTH SUPPORT .....	3,198	3,198
<b>TOTAL DEFENSE HEALTH PROGRAM</b> .....	<b>365,098</b>	<b>365,098</b>
<b>TOTAL OTHER AUTHORIZATIONS</b> .....	<b>409,257</b>	<b>409,257</b>

3 **TITLE XLVI—MILITARY**  
4 **CONSTRUCTION**

5 **SEC. 4601. MILITARY CONSTRUCTION.**

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<i>Account</i>	<i>State/Country and Installation</i>	<i>Project Title</i>	<i>FY 2021 Request</i>	<i>House Agreement</i>
	<i>Alaska</i>			
Army	Fort Wainwright	Child Development Center .....	0	32,500
Army	Fort Wainwright	Unaccompanied Enlisted Personnel Housing .....	0	59,000
	<i>Arizona</i>			
Army	Yuma Proving Ground	Ready Building .....	14,000	14,000
	<i>Colorado</i>			
Army	Fort Carson, Colorado	Physical Fitness Facility .....	28,000	28,000
	<i>Georgia</i>			
Army	Fort Gillem	Forensic Laboratory .....	71,000	71,000
Army	Fort Gordon	Adv Individual Training Barracks Cplr, Ph3 .....	80,000	80,000
	<i>Hawaii</i>			
Army	Fort Shafter	Child Development Center—School Age .....	0	26,000
Army	Schofield Barracks	Child Development Center .....	0	39,000
Army	Wheeler Army Air Field	Aircraft Maintenance Hangar .....	89,000	89,000
	<i>Louisiana</i>			
Army	Fort Polk, Louisiana	Information Systems Facility .....	25,000	25,000
	<i>Oklahoma</i>			
Army	McAlester AAP	Ammunition Demolition Shop .....	35,000	35,000
	<i>Pennsylvania</i>			
Army	Carlisle Barracks	General Instruction Building, Incr2 .....	38,000	0
	<i>South Carolina</i>			
Army	Fort Jackson	Trainee Barracks Complex 3, Ph2 .....	0	7,000
	<i>Virginia</i>			

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
Army	Humphreys Engineer Center	Training Support Facility .....	51,000	51,000
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	Host Nation Support .....	39,000	39,000
Army	Unspecified Worldwide Locations	Planning and Design .....	129,436	69,436
Army	Unspecified Worldwide Locations	Unspecified Minor Construction .....	50,900	50,900
	<b>Military Construction, Army Total</b> .....		<b>650,336</b>	<b>715,836</b>
	<i>Arizona</i>			
Navy	Yuma	Bachelor Enlisted Quarters Replacement .....	0	59,600
	<i>Bahrain Island</i>			
Navy	SW Asia	Ship to Shore Utility Services .....	68,340	68,340
	<i>California</i>			
Navy	Camp Pendleton, California	1st MARDIV Operations Complex .....	68,530	68,530
Navy	Camp Pendleton, California	I MEF Consolidated Information Center (Inc) .....	37,000	37,000
Navy	Lemoore	F-35C Hangar 6 Phase 2 (Mod 3/4) .....	128,070	98,070
Navy	Lemoore	F-35C Simulator Facility & Electrical Upgrade .....	59,150	59,150
Navy	San Diego	Pier 6 Replacement .....	128,500	98,500
Navy	Twentynine Palms, California	Wastewater Treatment Plant .....	76,500	76,500
	<i>Greece</i>			
Navy	Souda Bay	Communication Center .....	50,180	50,180
	<i>Guam</i>			
Navy	Andersen AFB	Ordnance Operations Admin .....	21,280	21,280
Navy	Joint Region Marianas	Bachelor Enlisted Quarters H (Inc) .....	80,000	0
Navy	Joint Region Marianas	Base Warehouse .....	55,410	55,410
Navy	Joint Region Marianas	Central Fuel Station .....	35,950	35,950
Navy	Joint Region Marianas	Central Issue Facility .....	45,290	45,290
Navy	Joint Region Marianas	Combined EOD Facility .....	37,600	37,600
Navy	Joint Region Marianas	DAR Bridge Improvements .....	40,180	40,180
Navy	Joint Region Marianas	DAR Road Strengthening .....	70,760	70,760
Navy	Joint Region Marianas	Distribution Warehouse .....	77,930	77,930
Navy	Joint Region Marianas	Individual Combat Skills Training .....	17,430	17,430
Navy	Joint Region Marianas	Joint Communication Upgrade .....	166,000	22,000
	<i>Hawaii</i>			
Navy	Joint Base Pearl Harbor-Hickam	Waterfront Improve, Wharves S1,S11-13,S20-21 .....	48,990	48,990
Navy	Joint Base Pearl Harbor-Hickam	Waterfront Improvements Wharves S8-S10 .....	65,910	65,910
	<i>Japan</i>			
Navy	Yokosuka	Pier 5 (Berths 2 and 3) (Inc) .....	74,692	0
	<i>Maine</i>			
Navy	Kittery	Multi-Mission Drydock #1 Exten., Ph 1 (Inc) .....	160,000	160,000
	<i>Nevada</i>			
Navy	Fallon	Range Training Complex, Phase 1 .....	29,040	29,040
	<i>North Carolina</i>			
Navy	Camp Lejeune, North Carolina	II MEF Operations Center Replacement (Inc) .....	20,000	20,000
	<i>Spain</i>			
Navy	Rota	MII-60r Squadron Support Facilities .....	60,110	60,110
	<i>Virginia</i>			
Navy	Norfolk	E-2D Training Facility .....	30,400	30,400
Navy	Norfolk	MH60 & CMV-22B Corrosion Control & Paint Fac ..	17,671	17,671
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Planning & Design .....	165,710	160,710
Navy	Unspecified Worldwide Locations	Planning & Design—Indo-Pacific Command Posture Initiatives.	0	5,000
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction .....	38,983	38,983
	<b>Military Construction, Navy Total</b> .....		<b>1,975,606</b>	<b>1,676,514</b>
	<i>California</i>			
AF	Edwards AFB	Flight Test Engineering Laboratory Complex .....	0	40,000
	<i>Colorado</i>			
AF	Schriever AFB	Consolidated Space Operations Facility, Inc 2 .....	88,000	88,000
	<i>Florida</i>			
AF	Eglin	Advanced Munitions Technology Complex .....	0	35,000
	<i>Guam</i>			
AF	Joint Region Marianas	Stand Off Weapons Complex, MSA 2 .....	56,000	56,000
	<i>Illinois</i>			

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
AF	Scott	Add/Alter Consolidated Communications Facility .....	0	3,000
	Mariana Islands			
AF	Timian	Airfield Development Phase 1, Inc 2 .....	20,000	0
AF	Timian	Fuel Tanks With Pipeline & Hydrant Sys, Inc 2 .....	7,000	0
AF	Timian	Parking Apron, Inc 2 .....	15,000	0
	Maryland			
AF	Joint Base Andrews	Consolidated Communications Center .....	0	13,000
	Montana			
AF	Malstrom AFB	Weapons Storage & Maintenance Facility, Inc 2 .....	25,000	0
	New Jersey			
AF	Joint Base McGuire-Dix-Lakehurst	Munitions Storage Area .....	22,000	22,000
	Qatar			
AF	Al Udeid, Qatar	Cargo Marshalling Yard .....	26,000	26,000
	Texas			
AF	Joint Base San Antonio	BMT Recruit Dormitory 8, Inc 2 .....	36,000	36,000
AF	Joint Base San Antonio	T-X ADAL Ground Based Trng Sys Sim .....	19,500	19,500
	Utah			
AF	Hill AFB	GBSD Mission Integration Facility, Inc 2 .....	68,000	68,000
	Virginia			
AF	Joint Base Langley-Eustis	Access Control Point Main Gate With Land Acq .....	19,500	19,500
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	Planning & Design .....	296,532	149,649
AF	Unspecified Worldwide Locations	Planning & Design—Indo-Pacific Command Posture Initiatives.	0	5,000
AF	Unspecified Worldwide Locations	Unspecified Minor Construction .....	68,600	68,600
	Wyoming			
AF	FE Warren	Weapons Storage Facility .....	0	12,000
	Military Construction, Air Force Total .....		767,132	661,249
	Alabama			
Def-Wide	Anniston Army Depot	Demilitarization Facility .....	18,000	18,000
Def-Wide	Fort Rucker	Construct 10mw Generation & Microgrid .....	0	24,000
	Alaska			
Def-Wide	Fort Greely	Communications Center .....	48,000	48,000
	Arizona			
Def-Wide	Fort Huachuca	Laboratory Building .....	33,728	33,728
Def-Wide	Yuma	SOF Hangar .....	49,500	49,500
	Arkansas			
Def-Wide	Fort Smith ANG	PV Arrays and Battery Storage .....	0	2,600
	California			
Def-Wide	Beale AFB	Bulk Fuel Tank .....	22,800	22,800
Def-Wide	Marine Corps Air Combat Center / Twenty Nine Palms	Install 10 Mw Battery Energy Storage for Various Buildings.	11,646	11,646
Def-Wide	Military Ocean Terminal	Military Ocea Terminal Concord Microgrid .....	29,000	29,000
Def-Wide	NAWS China Lake	Solar Energy Storage System .....	0	8,950
Def-Wide	NSA Monterey	Cogeneration Plant at B236 .....	10,540	10,540
	Colorado			
Def-Wide	Fort Carson, Colorado	SOF Tactical Equipment Maintenance Facility .....	15,600	15,600
	Conus Unspecified			
Def-Wide	Conus Unspecified	Training Target Structure .....	14,400	14,400
	District of Columbia			
Def-Wide	Joint Base Anacostia Bolling	Industrial Controls System Modernization .....	0	8,749
Def-Wide	Joint Base Anacostia Bolling	Industrial Controls System Modernization .....	10,343	10,343
Def-Wide	Joint Base Anacostia Bolling	PV Carports .....	0	25,221
	Florida			
Def-Wide	Hurlburt Field	SOF Combat Aircraft Parking Apron-North .....	38,310	38,310
Def-Wide	Hurlburt Field	SOF Special Tactics Ops Facility (23 STS) .....	44,810	44,810
	Georgia			
Def-Wide	Fort Benning	Construct 4.8mw Generation & Microgrid .....	0	17,000
	Germany			
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Inc 9 .....	200,000	200,000
	Italy			
Def-Wide	NSA Naples	Smart Grid—NSA Naples .....	3,490	3,490
	Japan			
Def-Wide	Def Fuel Support Point Tsurumi	Fuel Wharf .....	49,500	49,500
Def-Wide	Yokosuka	Kinnick High School Inc .....	30,000	0

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(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
	<i>Kentucky</i>			
Def-Wide	Fort Knox	Van Voorhis Elementary School .....	69,310	69,310
	<i>Maryland</i>			
Def-Wide	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 4 .....	180,000	100,000
Def-Wide	Fort Meade	NSAW Recapitalize Building #3 Inc .....	250,000	250,000
Def-Wide	NSA Bethesda	Nsab-16 Replace Chillers 3 Through 9 .....	0	13,840
Def-Wide	NSA South Potomac	CBIRF/IIHODTD/Housing Potable Water .....	18,460	18,460
	<i>Missouri</i>			
Def-Wide	Fort Leonard Wood	Hospital Replacement Inc 3 .....	40,000	40,000
Def-Wide	St Louis	Nxt NGA West (N2W) Complex Phase 2 Inc .....	119,000	119,000
Def-Wide	Whiteman AFB	Install 10 Mw Combined Heat and Power Plant .....	17,310	17,310
	<i>Nevada</i>			
Def-Wide	Crech AFB	Central Standby Generators .....	32,000	32,000
	<i>New Mexico</i>			
Def-Wide	Kirtland AFB	Administrative Building .....	46,600	46,600
	<i>North Carolina</i>			
Def-Wide	Fort Bragg	SOF Group Headquarters .....	53,100	53,100
Def-Wide	Fort Bragg	SOF Military Working Dog Facility .....	17,700	17,700
Def-Wide	Fort Bragg	SOF Operations Facility .....	43,000	43,000
Def-Wide	Fort Bragg	SOTF Chilled Water Upgrade .....	0	6,100
	<i>Ohio</i>			
Def-Wide	Wright-Patterson AFB	Construct Intelligence Facility Central Utility Plant .....	0	35,000
Def-Wide	Wright-Patterson AFB	Hydrant Fuel System .....	23,500	23,500
	<i>Tennessee</i>			
Def-Wide	Memphis ANG	PV Arrays and Battery Storage .....	0	4,780
	<i>Texas</i>			
Def-Wide	Fort Hood, Texas	Fuel Facilities .....	32,700	32,700
	<i>Virginia</i>			
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF Des Operations Fac. and Command Center .....	54,500	54,500
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF NSWG-2 Nstqy Csa Facilities .....	58,000	58,000
Def-Wide	Nmc Portsmouth / Portsmouth	Retrofit Air Handling Units From Constant Volume Reheat to Variable Air Volume .....	611	611
Def-Wide	Wallaps Island	Wallaps Generation and Distribution Resiliency Improvements .....	9,100	9,100
	<i>Washington</i>			
Def-Wide	Joint Base Lewis-McChord	Fuel Facilities (Lewis Main) .....	10,900	10,900
Def-Wide	Joint Base Lewis-McChord	Fuel Facilities (Lewis North) .....	10,900	10,900
Def-Wide	Manchester	Bulk Fuel Storage Tanks Phase 1 .....	82,000	82,000
	<i>Worldwide Unspecified</i>			
Def-Wide	Unspecified Worldwide Locations	ERCIP Design .....	14,250	24,250
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction .....	5,840	5,840
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	48,696	48,696
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	53,620	53,620
Def-Wide	Various Worldwide Locations	Planning and Design .....	97,030	97,030
Def-Wide	Various Worldwide Locations	Unspecified Minor Construction .....	9,726	9,726
	<i>Military Construction, Defense-Wide Total</i>		2,027,520	2,073,760
	<i>Worldwide Unspecified</i>			
NATO	NATO Security Investment Program	NATO Security Investment Program .....	173,030	173,030
	<i>NATO Security Investment Program Total</i>		173,030	173,030
	<i>Arizona</i>			
Army NG	Tucson	National Guard Readiness Center .....	18,100	18,100
	<i>Colorado</i>			
Army NG	Peterson AFB	National Guard Readiness Center .....	15,000	15,000
	<i>Indiana</i>			
Army NG	Shelbyville	National Guard/Reserve Center Building Add/Al .....	12,000	12,000
	<i>Kentucky</i>			
Army NG	Frankfort	National Guard/Reserve Center Building .....	15,000	15,000
	<i>Mississippi</i>			
Army NG	Brandon	National Guard Vehicle Maintenance Shop .....	10,400	10,400
	<i>Nebraska</i>			

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
Army NG	North Platte	National Guard Vehicle Maintenance Shop .....	9,300	9,300
	New Jersey			
Army NG	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center .....	15,000	15,000
	Ohio			
Army NG	Columbus	National Guard Readiness Center .....	15,000	15,000
	Oregon			
Army NG	Hermiston	Enlisted Barracks, Transient Training .....	9,300	25,035
	Puerto Rico			
Army NG	Fort Allen	National Guard Readiness Center .....	37,000	37,000
	South Carolina			
Army NG	Joint Base Charleston	National Guard Readiness Center .....	15,000	15,000
	Tennessee			
Army NG	Mcminnville	National Guard Readiness Center .....	11,200	11,200
	Texas			
Army NG	Fort Worth	Aircraft Maintenance Hangar Addition/Alt .....	6,000	6,000
Army NG	Fort Worth	National Guard Vehicle Maintenance Shop .....	7,800	7,800
	Utah			
Army NG	Nephi	National Guard Readiness Center .....	12,000	12,000
	Virgin Islands			
Army NG	St. Croix	Army Aviation Support Facility (Aasf) .....	28,000	28,000
Army NG	St. Croix	CST Ready Building .....	11,400	11,400
	Wisconsin			
Army NG	Appleton	National Guard Readiness Center Add/Alt .....	11,600	11,600
	Worldwide Unspecified			
Army NG	Unspecified Worldwide Locations	Planning and Design .....	29,593	29,593
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	32,744	32,744
	<i>Military Construction, Army National Guard Total</i> .....		321,437	337,172
	Florida			
Army Res	Gainesville	ECS TEMF/Warehouse .....	36,000	36,000
	Massachusetts			
Army Res	Devens Reserve Forces Training Area	Automated Multipurpose Machine Gun Range .....	8,700	8,700
	North Carolina			
Army Res	Asheville	Army Reserve Center/Land .....	24,000	24,000
	Wisconsin			
Army Res	Fort McCoy	Scout Reconnaissance Range .....	14,600	14,600
Army Res	Fort McCoy	Transient Trainee Barracks .....	0	2,500
	Worldwide Unspecified			
Army Res	Unspecified Worldwide Locations	Planning and Design .....	1,218	1,218
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,819	3,819
	<i>Military Construction, Army Reserve Total</i> .....		88,337	90,837
	Maryland			
N/MC Res	Reisterstown	Reserve Training Center, Camp Fretterd, MD .....	39,500	39,500
	Utah			
N/MC Res	Hill AFB	Naval Operational Support Center .....	25,010	25,010
	Worldwide Unspecified			
N/MC Res	Unspecified Worldwide Locations	MCNR Minor Construction .....	3,000	3,000
N/MC Res	Unspecified Worldwide Locations	MCNR Planning & Design .....	3,485	3,485
	<i>Military Construction, Naval Reserve Total</i> .....		70,995	70,995
	Alabama			
Air NG	Montgomery Regional Airport (ANG) Base	F-35 Simulator Facility .....	11,600	11,600
	Guam			
Air NG	Joint Region Marianas	Space Control Facility #5 .....	20,000	20,000
	Maryland			
Air NG	Joint Base Andrews	F-16 Mission Training Center .....	9,400	9,400
	Texas			
Air NG	Joint Base San Antonio	F-16 Mission Training Center .....	10,800	10,800
	Worldwide Unspecified			
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	9,000	9,000
Air NG	Various Worldwide Locations	Planning and Design .....	3,414	3,414
	<i>Military Construction, Air National Guard Total</i> .....		64,214	64,214

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
	<i>Texas</i>			
AF Res	Fort Worth	F-35A Simulator Facility .....	14,200	14,200
	Worldwide Unspecified			
AF Res	Unspecified Worldwide Locations	Planning & Design .....	3,270	3,270
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	5,647	5,647
	<i>Military Construction, Air Force Reserve Total .....</i>		23,117	23,117
	<i>Italy</i>			
FH Con Army	Vicenza	Family Housing New Construction .....	84,100	84,100
	Kuwajalein			
FH Con Army	Kuwajalein Atoll	Family Housing Replacement Construction .....	32,000	32,000
	Worldwide Unspecified			
FH Con Army	Unspecified Worldwide Locations	Family Housing P & D .....	3,300	3,300
	<i>Family Housing Construction, Army Total .....</i>		119,400	119,400
	Worldwide Unspecified			
FH Ops Army	Unspecified Worldwide Locations	Furnishings .....	18,004	18,004
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support .....	37,948	62,948
FH Ops Army	Unspecified Worldwide Locations	Leasing .....	123,841	123,841
FH Ops Army	Unspecified Worldwide Locations	Maintenance .....	97,789	97,789
FH Ops Army	Unspecified Worldwide Locations	Management .....	39,716	39,716
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous .....	526	526
FH Ops Army	Unspecified Worldwide Locations	Services .....	8,135	8,135
FH Ops Army	Unspecified Worldwide Locations	Utilities .....	41,183	41,183
	<i>Family Housing Operation And Maintenance, Army Total .....</i>		367,142	392,142
	Worldwide Unspecified			
FH Con Navy	Unspecified Worldwide Locations	Construction Improvements .....	37,043	37,043
FH Con Navy	Unspecified Worldwide Locations	Planning & Design .....	3,128	3,128
FH Con Navy	Unspecified Worldwide Locations	USMC DPRJ/Guam Planning and Design .....	2,726	2,726
	<i>Family Housing Construction, Navy And Marine Corps Total .....</i>		42,897	42,897
	Worldwide Unspecified			
FH Ops Navy	Unspecified Worldwide Locations	Furnishings .....	17,977	17,977
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support .....	53,700	78,700
FH Ops Navy	Unspecified Worldwide Locations	Leasing .....	62,658	62,658
FH Ops Navy	Unspecified Worldwide Locations	Maintenance .....	85,630	110,630
FH Ops Navy	Unspecified Worldwide Locations	Management .....	51,006	51,006
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous .....	350	350
FH Ops Navy	Unspecified Worldwide Locations	Services .....	16,743	16,743
FH Ops Navy	Unspecified Worldwide Locations	Utilities .....	58,429	58,429
	<i>Family Housing Operation And Maintenance, Navy And Marine Corps Total .....</i>		346,493	396,493
	Worldwide Unspecified			
FH Con AF	Unspecified Worldwide Locations	Construction Improvements .....	94,245	94,245
FH Con AF	Unspecified Worldwide Locations	Planning & Design .....	2,969	2,969
	<i>Family Housing Construction, Air Force Total .....</i>		97,214	97,214



**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
	<i>Worldwide Unspecified</i>			
FH Ops AF	Unspecified Worldwide Locations	Furnishings .....	25,805	25,805
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization .....	23,175	23,175
FH Ops AF	Unspecified Worldwide Locations	Leasing .....	9,318	9,318
FH Ops AF	Unspecified Worldwide Locations	Maintenance .....	140,666	165,666
FH Ops AF	Unspecified Worldwide Locations	Management .....	64,732	99,732
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous .....	2,184	2,184
FH Ops AF	Unspecified Worldwide Locations	Services .....	7,968	7,968
FH Ops AF	Unspecified Worldwide Locations	Utilities .....	43,173	43,173
	<i>Family Housing Operation And Maintenance, Air Force Total</i> .....		317,021	377,021
	<i>Worldwide Unspecified</i>			
FH Ops DW	Unspecified Worldwide Locations	Furnishings .....	727	727
FH Ops DW	Unspecified Worldwide Locations	Leasing .....	49,856	49,856
FH Ops DW	Unspecified Worldwide Locations	Maintenance .....	32	32
FH Ops DW	Unspecified Worldwide Locations	Utilities .....	4,113	4,113
	<i>Family Housing Operation And Maintenance, Defense-Wide Total</i> .....		54,728	54,728
	<i>Worldwide Unspecified</i>			
FHIF	Unspecified Worldwide Locations	Administrative Expenses—FHIF .....	5,897	5,897
	<i>DOD Family Housing Improvement Fund Total</i> .....		5,897	5,897
	<i>Worldwide Unspecified</i>			
UHIF	Unspecified Worldwide Locations	Administrative Expenses—UHIF .....	600	600
	<i>Unaccompanied Housing Improvement Fund Total</i> .....		600	600
	<i>Worldwide Unspecified</i>			
BRAC—Air Force	Unspecified Worldwide Locations	DOD BRAC Activities—Air Force .....	109,222	109,222
BRAC—Army	Base Realignment & Closure, Army	Base Realignment and Closure .....	66,060	106,060
BRAC—Navy	Unspecified Worldwide Locations	Base Realignment & Closure .....	125,165	225,165
	<i>Base Realignment and Closure—Total</i> .....		300,447	440,447
	<b>Total, Military Construction</b> .....		<b>7,813,563</b>	<b>7,813,563</b>

**1 SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**  
**2 TINGENCY OPERATIONS.**

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
	<i>Worldwide Unspecified</i>			
Army	Unspecified Worldwide Locations	EDI: Minor Construction .....	3,970	3,970
Army	Unspecified Worldwide Locations	EDI: Planning and Design .....	11,903	11,903
	<i>Military Construction, Army Total</i> .....		15,873	15,873

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>House Agreement</b>
	<i>Spain</i>			
Navy	<i>Rota</i>	ED: EOD Boat Shop .....	31,760	31,760
Navy	<i>Rota</i>	ED: Expeditionary Maintenance Facility .....	27,470	27,470
	<i>Worldwide Unspecified</i>			
Navy	<i>Unspecified Worldwide Locations</i>	Planning & Design .....	10,790	10,790
	<i>Military Construction, Navy Total</i> .....		70,020	70,020
	<i>Germany</i>			
AF	<i>Ramstein</i>	ED: Rapid Airfield Damage Repair Storage .....	36,345	36,345
AF	<i>Spangdahlem AB</i>	ED: Rapid Airfield Damage Repair Storage .....	25,824	25,824
	<i>Romania</i>			
AF	<i>Campia Turzii</i>	ED: Dangerous Cargo Pad .....	11,000	11,000
AF	<i>Campia Turzii</i>	ED: ECAOS DABS-FEV Storage Complex .....	68,000	68,000
AF	<i>Campia Turzii</i>	ED: Parking Apron .....	19,500	19,500
AF	<i>Campia Turzii</i>	ED: POL Increase Capacity .....	32,000	32,000
	<i>Worldwide Unspecified</i>			
AF	<i>Unspecified Worldwide Locations</i>	ED: Unspecified Minor Military Construction .....	16,400	16,400
AF	<i>Various Worldwide Locations</i>	ED: Planning & Design .....	54,800	54,800
	<i>Military Construction, Air Force Total</i> .....		263,869	263,869
	<b>Total, Military Construction</b> .....		<b>349,762</b>	<b>349,762</b>

1 **TITLE XLVII—DEPARTMENT OF**  
2 **ENERGY NATIONAL SECURITY**  
3 **PROGRAMS**  
4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
5 **PROGRAMS.**

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>Discretionary Summary By Appropriation</b>		
<b>Energy And Water Development, And Related Agencies</b>		
<b>Appropriation Summary:</b>		
<b>Energy Programs</b>		
<i>Nuclear Energy</i> .....	137,800	137,800
<b>Atomic Energy Defense Activities</b>		
<b>National nuclear security administration:</b>		
<i>Weapons activities</i> .....	15,602,000	15,602,000
<i>Defense nuclear nonproliferation</i> .....	2,031,000	2,111,000
<i>Naval reactors</i> .....	1,684,000	1,684,000
<i>Federal salaries and expenses</i> .....	454,000	454,000
<b>Total, National nuclear security administration</b> .....	<b>19,771,000</b>	<b>19,851,000</b>
<b>Environmental and other defense activities:</b>		
<i>Defense environmental cleanup</i> .....	4,983,608	5,728,708
<i>Other defense activities</i> .....	1,054,727	899,289
<b>Total, Environmental &amp; other defense activities</b> .....	<b>6,038,335</b>	<b>6,627,997</b>
<b>Total, Atomic Energy Defense Activities</b> .....	<b>25,809,335</b>	<b>26,478,997</b>
<b>Total, Discretionary Funding</b> .....	<b>25,947,135</b>	<b>26,616,797</b>
<b>Nuclear Energy</b>		
<i>Idaho site-wide safeguards and security</i> .....	137,800	137,800
<b>Total, Nuclear Energy</b> .....	<b>137,800</b>	<b>137,800</b>

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<b>Stockpile Management</b>		
<b>Stockpile Major Modernization</b>		
B61-12 Life extension program .....	815,710	815,710
W88 Alt 370 .....	256,922	256,922
W80-4 Life extension program .....	1,000,314	1,000,314
W87-1 Modification Program .....	541,000	541,000
W93 .....	53,000	53,000
<b>Total, Stockpile Major Modernization .....</b>	<b>2,666,946</b>	<b>2,666,946</b>
<b>Stockpile services</b>		
Production Operations .....	568,941	568,941
Stockpile Sustainment .....	998,357	998,357
Weapons Dismantlement and Disposition .....	50,000	50,000
<b>Total, Stockpile Services .....</b>	<b>1,617,298</b>	<b>1,617,298</b>
<b>Total, Stockpile Management .....</b>	<b>4,284,244</b>	<b>4,284,244</b>
<b>Weapons Activities</b>		
<b>Production Modernization</b>		
<b>Primary Capability Modernization</b>		
<b>Plutonium Modernization</b>		
<b>Los Alamos Plutonium Modernization</b>		
Los Alamos Plutonium Operations .....	610,599	610,599
21-D-512 Plutonium Pit Production Project, LANL .....	226,000	226,000
<b>Subtotal, Los Alamos Plutonium Modernization .....</b>	<b>836,599</b>	<b>836,599</b>
<b>Savannah River Plutonium Modernization</b>		
Savannah River Plutonium Operations .....	200,000	200,000
21-D-511 Savannah River Plutonium Processing Facility, SRS .....	241,896	241,896
<b>Subtotal, Savannah River Plutonium Modernization .....</b>	<b>441,896</b>	<b>441,896</b>
Enterprise Plutonium Support .....	90,782	90,782
<b>Total, Plutonium Modernization .....</b>	<b>1,369,277</b>	<b>1,369,277</b>
High Explosives and Energetics .....	67,370	67,370
<b>Total, Primary Capability Modernization .....</b>	<b>1,436,647</b>	<b>1,436,647</b>
Secondary Capability Modernization .....	457,004	457,004
Tritium and Domestic Uranium Enrichment .....	457,112	457,112
Non-Nuclear Capability Modernization .....	107,137	107,137
<b>Total, Production Modernization .....</b>	<b>2,457,900</b>	<b>2,457,900</b>
<b>Stockpile Research, Technology, and Engineering</b>		
Assessment Science .....	773,111	773,111
Engineering and Integrated Assessments .....	337,404	337,404
Inertial Confinement Fusion .....	554,725	554,725
Advanced Simulation and Computing .....	732,014	732,014
Weapon Technology and Manufacturing Maturation .....	297,965	297,965
Academic Programs .....	86,912	86,912
<b>Total, Stockpile Research, Technology, and Engineering .....</b>	<b>2,782,131</b>	<b>2,782,131</b>
<b>Infrastructure and Operations</b>		
Operations of facilities .....	1,014,000	1,014,000
Safety and environmental operations .....	165,354	165,354
Maintenance and repair of facilities .....	792,000	792,000
<b>Recapitalization:</b>		
Infrastructure and safety .....	670,000	670,000
Capability based investments .....	149,117	149,117
Planning for Programmatic Construction (Pre-CD-1) .....	84,787	84,787
<b>Total, Recapitalization .....</b>	<b>903,904</b>	<b>903,904</b>
<b>Construction:</b>		
21-D-510 HE Synthesis, Formulation, and Production, PX .....	31,000	31,000
19-D-670 138kV Power Transmission System Replacement, NNSS .....	59,000	59,000
18-D-690 Lithium Processing Facility, Y-12 .....	109,405	109,405
18-D-620 Exascale Computing Facility Modernization Project, LLNL .....	29,200	29,200
18-D-650 Tritium Finishing Facility, SRS .....	27,000	27,000
17-D-640, U1a Complex Enhancements Project, NNSS .....	160,600	160,600
15-D-612 Emergency Operations Center, LLNL .....	27,000	27,000
15-D-611 Emergency Operations Center, SNL .....	36,000	36,000
15-D-302, TA-55 Reinvestments Project, Phase 3, LANL .....	30,000	30,000
15-D-301, HE Science & Engineering Facility, PX .....	43,000	43,000
07-D-220-04 Transuranic Liquid Waste Facility, LANL .....	36,687	36,687

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....	750,000	750,000
04-D-125 Chemistry and Metallurgy Research Replacement Project, LANL .....	169,427	169,427
<b>Total, Construction</b> .....	<b>1,508,319</b>	<b>1,508,319</b>
<b>Total, Infrastructure and operations</b> .....	<b>4,383,577</b>	<b>4,383,577</b>
<b>Secure transportation asset</b>		
Operations and equipment .....	266,390	266,390
Program direction .....	123,684	123,684
<b>Total, Secure transportation asset</b> .....	<b>390,074</b>	<b>390,074</b>
<b>Defense Nuclear Security</b>		
Operations and maintenance .....	815,895	815,895
<b>Construction:</b>		
17-D-710 West end protected area reduction project, Y-12 .....	11,000	11,000
<b>Total, Defense nuclear security</b> .....	<b>826,895</b>	<b>826,895</b>
Information technology and cybersecurity .....	375,511	375,511
Legacy contractor pensions .....	101,668	101,668
<b>Total, Weapons Activities</b> .....	<b>15,602,000</b>	<b>15,602,000</b>
<b>Defense Nuclear Nonproliferation</b>		
<b>Defense Nuclear Nonproliferation Programs</b>		
<b>Global material security</b>		
International nuclear security .....	66,391	66,391
Domestic radiological security .....	101,000	131,000
Container breach in Seattle, WA .....		[30,000]
International radiological security .....	73,340	73,340
Nuclear smuggling detection and deterrence .....	159,749	159,749
<b>Total, Global material security</b> .....	<b>400,480</b>	<b>430,480</b>
<b>Material management and minimization</b>		
HEU reactor conversion .....	170,000	170,000
Nuclear material removal .....	40,000	40,000
Material disposition .....	190,711	190,711
<b>Total, Material management &amp; minimization</b> .....	<b>400,711</b>	<b>400,711</b>
Nonproliferation and arms control .....	138,708	138,708
National Technical Nuclear Forensics R&D .....	40,000	40,000
<b>Defense nuclear nonproliferation R&amp;D</b>		
Proliferation Detection .....	235,220	285,220
Nuclear verification and detection, next-gen technologies .....		[50,000]
Nuclear Detonation Detection .....	236,531	236,531
Nonproliferation Stewardship Program .....	59,900	59,900
<b>Total, Defense nuclear nonproliferation R&amp;D</b> .....	<b>531,651</b>	<b>581,651</b>
<b>Nonproliferation Construction:</b>		
18-D-150 Surplus Plutonium Disposition Project, SRS .....	148,589	148,589
<b>Total, Nonproliferation construction</b> .....	<b>148,589</b>	<b>148,589</b>
<b>Total, Defense Nuclear Nonproliferation Programs</b> .....	<b>1,660,139</b>	<b>1,740,139</b>
Legacy contractor pensions .....	14,348	14,348
Nuclear counterterrorism and incident response program .....	377,513	377,513
Use of Prior Year Balances .....	-21,000	-21,000
<b>Total, Defense Nuclear Nonproliferation</b> .....	<b>2,031,000</b>	<b>2,111,000</b>
<b>Naval Reactors</b>		
Naval reactors development .....	590,306	590,306
Columbia-Class reactor systems development .....	64,700	64,700
S5G Prototype refueling .....	135,000	135,000
Naval reactors operations and infrastructure .....	506,294	506,294
<b>Construction:</b>		
21-D-530 KL Steam and Condensate Upgrades .....	4,000	4,000
14-D-901 Spent fuel handling recapitalization project, NRF .....	330,000	330,000
<b>Total, Construction</b> .....	<b>334,000</b>	<b>334,000</b>

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
Program direction .....	53,700	53,700
<b>Total, Naval Reactors</b> .....	<b>1,684,000</b>	<b>1,684,000</b>
<b>Federal Salaries And Expenses</b>		
Program direction .....	454,000	454,000
<b>Total, Office Of The Administrator</b> .....	<b>454,000</b>	<b>454,000</b>
<b>Defense Environmental Cleanup</b>		
<b>Closure sites:</b>		
Closure sites administration .....	4,987	4,987
<b>Richland:</b>		
River corridor and other cleanup operations .....	54,949	235,949
Program restoration .....		[181,000]
Central plateau remediation .....	498,335	658,335
Program restoration .....		[160,000]
Richland community and regulatory support .....	2,500	10,100
Program restoration .....		[7,600]
<b>Total, Hanford site</b> .....	<b>555,784</b>	<b>904,384</b>
<b>Office of River Protection:</b>		
Waste Treatment Immobilization Plant Commissioning .....	50,000	50,000
Rad liquid tank waste stabilization and disposition .....	597,757	597,757
Tank farm activities .....	0	180,000
Program restoration .....		[180,000]
<b>Construction:</b>		
18-D-16 Waste treatment and immobilization plant—LBL/Direct feed LAW .....	609,924	779,924
Program restoration .....		[170,000]
<b>Total, Construction</b> .....	<b>609,924</b>	<b>779,924</b>
<b>Total, Office of River Protection</b> .....	<b>1,257,681</b>	<b>1,607,681</b>
<b>Idaho National Laboratory:</b>		
Idaho cleanup and waste disposition .....	257,554	257,554
Idaho community and regulatory support .....	2,400	2,400
<b>Total, Idaho National Laboratory</b> .....	<b>259,954</b>	<b>259,954</b>
<b>NNSA sites and Nevada off-sites</b>		
Lawrence Livermore National Laboratory .....	1,764	1,764
<b>Nuclear facility D &amp; D</b>		
Separations Process Research Unit .....	15,000	15,000
Nevada .....	60,737	60,737
Sandia National Laboratories .....	4,860	4,860
Los Alamos National Laboratory .....	120,000	120,000
<b>Total, NNSA sites and Nevada off-sites</b> .....	<b>202,361</b>	<b>202,361</b>
<b>Oak Ridge Reservation:</b>		
OR Nuclear facility D & D .....	109,077	109,077
<b>Total, OR Nuclear facility D &amp; D</b> .....	<b>109,077</b>	<b>109,077</b>
U233 Disposition Program .....	45,000	45,000
OR cleanup and disposition .....	58,000	58,000
<b>Construction:</b>		
17-D-401 On-site waste disposal facility .....	22,380	22,380
14-D-403 Outfall 200 Mercury Treatment Facility .....	20,500	20,500
<b>Total, Construction</b> .....	<b>42,880</b>	<b>42,880</b>
<b>Total, OR cleanup and waste disposition</b> .....	<b>145,880</b>	<b>145,880</b>
OR community & regulatory support .....	4,930	4,930
OR technology development and deployment .....	3,000	3,000
<b>Total, Oak Ridge Reservation</b> .....	<b>262,887</b>	<b>262,887</b>
<b>Savannah River Sites:</b>		
<b>Savannah River risk management operations</b>		
Savannah River risk management operations .....	455,122	495,122
H-Canyon not placed into stand-by condition .....		[40,000]
<b>Total, risk management operations</b> .....	<b>455,122</b>	<b>495,122</b>

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2021 Request</b>	<b>House Authorized</b>
<i>SR community and regulatory support</i> .....	4,989	11,489
<i>Secure payment in lieu of taxes funding</i> .....		[6,500]
<i>Radioactive liquid tank waste stabilization and disposition</i> .....	970,332	970,332
<b>Construction:</b>		
20-D-402 Advanced Manufacturing Collaborative Facility (AMC) .....	25,000	25,000
18-D-402 Saltstone Disposal Unit #8/9 .....	65,500	65,500
17-D-402 Saltstone Disposal Unit #7 .....	10,716	10,716
<b>Total, Construction</b> .....	<b>101,216</b>	<b>101,216</b>
<b>Total, Savannah River site</b> .....	<b>1,531,659</b>	<b>1,578,159</b>
<b>Waste Isolation Pilot Plant</b>		
Waste Isolation Pilot Plant .....	323,260	323,260
<b>Construction:</b>		
15-D-412 Utility Shaft .....	50,000	50,000
21-D-401 Hoisting Capability Project .....	10,000	10,000
<b>Total, Construction</b> .....	<b>60,000</b>	<b>60,000</b>
<b>Total, Waste Isolation Pilot Plant</b> .....	<b>383,260</b>	<b>383,260</b>
<i>Program direction</i> .....	275,285	275,285
<i>Program support</i> .....	12,979	12,979
<i>Technology development</i> .....	25,000	25,000
<b>Safeguards and Security</b>		
Safeguards and Security .....	320,771	320,771
<b>Total, Safeguards and Security</b> .....	<b>320,771</b>	<b>320,771</b>
<i>Prior year balances credited</i> .....	-109,000	-109,000
<b>Total, Defense Environmental Cleanup</b> .....	<b>4,983,608</b>	<b>5,728,708</b>
<b>Other Defense Activities</b>		
<b>Environment, health, safety and security</b>		
Environment, health, safety and security .....	134,320	134,320
Program direction .....	75,368	75,368
<b>Total, Environment, Health, safety and security</b> .....	<b>209,688</b>	<b>209,688</b>
<b>Independent enterprise assessments</b>		
Independent enterprise assessments .....	26,949	26,949
Program direction .....	54,635	54,635
<b>Total, Independent enterprise assessments</b> .....	<b>81,584</b>	<b>81,584</b>
Specialized security activities .....	258,411	258,411
<b>Office of Legacy Management</b>		
Legacy management .....	293,873	138,435
Rejection of proposed transfer .....		[-155,438]
Program direction .....	23,120	23,120
<b>Total, Office of Legacy Management</b> .....	<b>316,993</b>	<b>161,555</b>
Defense related administrative support .....	183,789	183,789
Office of hearings and appeals .....	4,262	4,262
<b>Subtotal, Other defense activities</b> .....	<b>1,054,727</b>	<b>899,289</b>
<b>Total, Other Defense Activities</b> .....	<b>1,054,727</b>	<b>899,289</b>

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# DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

## TITLE I—PROCUREMENT

### OTHER PROCUREMENT, ARMY

#### Items of Special Interest

##### *Soldier Enhancement Program*

The budget request contained no funds for the Soldier Enhancement Program (SEP). The committee is disappointed and concerned by the absence of funds in the budget request, as well as across the Future Years Defense Program.

The committee commends the work accomplished to date by the SEP through the Program Executive Office-Soldier that continues to provide critically needed improvements and upgrades to individual soldier equipment. This program was created by Congress and mandated to evaluate and, where appropriate, type classify existing prototypes or commercially available items that enhance soldiers' ability to execute their combat missions. The committee notes that through soldier-led evaluations, SEP initiatives resulted in the procurement of items that meet current operational needs, close a capability gap, provide real-time operational feedback, inform requirements, generate new requirements or transition a system into a new or existing Program of Record. The committee also notes that approximately 40 percent of the Program Executive Office-Soldier portfolio was started or initiated within SEP, such as Soldier Borne Sensors, AT 4 Confined Space Warhead, Polymer Magazines, and 50 Cal. Quick Change Barrel.

Therefore, the committee recommends \$5.0 million for continuation of the SEP. The committee also directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services, not later than December 1, 2020, on the current and future programs being evaluated by the SEP.

### AIRCRAFT PROCUREMENT, AIR FORCE

#### Items of Special Interest

##### *Wide area motion imagery*

The budget request contained \$121.5 million in PE 0305206F, Airborne Reconnaissance Systems, but no funding for continued development of Gorgon Stare (GS) wide area motion imagery (WAMI) surveillance capabilities. The committee is aware that the GS WAMI system supports multiple daily orbits in the U.S. Central Command area of operations with critical intelligence, surveillance, and reconnaissance (ISR). Other combatant commands have requested WAMI

capability, but the Air Force lacks enough systems to satisfy all combatant command requirements.

The committee is concerned that, despite daily operational tasking, and despite GS WAMI having been designated as a program of record in 2014, there is still no budget request for modernization of this combat-proven ISR system. The committee notes that prior year congressional funding has helped GS develop beyond-line-of-sight communications, near vertical direction finding, and multi-intelligence capabilities. Additional funding is needed to modernize sensor tip and cue, sensor field of view, and to optimize machine learning in support of Project MAVEN.

Therefore, the committee recommends \$131.5 million, an increase of \$10 million, in PE 0305206F for WAMI enhancements. The committee further directs the Chairman of the Joint Chiefs of Staff to provide a report to the House Committee on Armed Services by March 1, 2021, on the plan for apportionment of Gorgon Stare to meet geographic combatant commanders' requirements worldwide.

## PROCUREMENT, DEFENSE-WIDE

### Items of Special Interest

#### *Increased research for counter unmanned aircraft systems in austere locations abroad*

The budget request contained \$293.3 million for Warrior Systems. Of this amount, \$12.5 million was requested for the counter unmanned aircraft system (cUAS) program.

The committee notes that there is currently an operational requirement for increased research and development into cUAS capabilities. Recent events in Syria, Iraq, and Djibouti highlight that this is an increasing threat to military personnel engaged in countering violent extremism and great power competition missions which, if left underdeveloped, the committee understands to be an immediate threat challenging U.S. strategic locations abroad.

The committee is aware of the efforts underway by the U.S. Army to evaluate and field alternative cUAS capabilities to meet the force protection needs of the joint force. The committee supports U.S. Army efforts, but appreciates the testing and experimentation of such emergent cUAS capabilities in austere locations facilitated by U.S. Special Operations Command (USSOCOM). Given the rapid pursuit of armed unmanned aircraft systems (UAS) technologies by adversaries of the United States, the committee understands that desirable criteria for any cUAS technologies must be able to autonomously search, identify, and track threats while fusing multiple data sources with the sense-making ability enabled by radar, electro-optical, and infrared collection capabilities to employ an effect against adversary UAS.

While the committee notes that such individual technologies exist today to meet this force protection requirement, work remains to integrate these

requirements in more austere environments. Therefore, the committee recommends \$17.5 million, an increase of \$5.0 million, for further development of an integrated, multi-sensor autonomous cUAS program.

Further, the committee directs the Commander, USSOCOM, to provide a briefing to the House Committee on Armed Services by October 30, 2020, on the efforts to develop and field test autonomous, multi-sensor cUAS capabilities in austere environments. The briefing shall also include details on efforts to share best practices and capability updates with the U.S. Army, as designated lead for cUAS systems and strategies development for the joint force.

## TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

### RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE

#### Items of Special Interest

#### *Establishing a research consortium of excellence for irregular warfare and advanced analytics*

The budget request contained \$35.6 million in PE 0601110D8Z for Basic Research Initiatives.

The committee recognizes the importance of basic research and academic engagement as critical to shaping the effectiveness of current and future national security policies and strategy. The committee understands that there is currently a wide range of social science research in the areas of irregular warfare that should be leveraged, including the better use of, and integration with, existing research by organizations maintaining public repositories of incidents related to acts of terrorism, societal responses, and trends of sympathies towards violent extremist ideologies. The committee believes that it is within the purview of the Department of Defense, and specifically the Under Secretary of Defense for Research and Engineering (USD(R&E)) to foster academically rigorous studies of these strategic challenges facing the Department.

Academic research activities provide a foundational understanding for how to assess the effectiveness of strategic and operational irregular warfare activities and programs as the Department enhances non-kinetic efforts below the level of armed conflict to compete with near-peer adversaries, while balancing existing capabilities and efforts postured to counter violent extremist organizations. The committee therefore believes that the USD(R&E) Basic Research Office should establish a research consortium of excellence for irregular warfare and advanced analytics.

The committee is aware the Department has been investing in the National Consortium for the Study of Terrorism and Responses to Terrorism (START) and is the largest consumer of data from this program. START is a university-based

research and education center that provides an effective resource that has informed current counterterrorism policies and strategy.

The committee therefore recommends \$40.6 million, an increase of \$5.0 million, in PE 0601110D8Z for Basic Research Initiatives to establish and fund the START consortium as a research consortium of excellence for irregular warfare and advanced analytics. Further, the committee directs the Under Secretary of Defense for Research and Engineering to provide a briefing to the House Committee on Armed Services by January 29, 2021, on the processes and procedures to establish and fund the START consortium as a research consortium of excellence for irregular warfare and advanced analytics.

*Evaluation of emergent technologies in support of special operations forces in great power competition*

The budget request contained \$137.2 million in PE 1160408BB for the Operational Enhancements program.

The committee recognizes that continued investment and research in emerging technologies such as Machine Learning/Artificial Intelligence (ML/AI) is critical to securing the competitive advantage of the United States. The committee remains committed to ensuring the Department of Defense continues to prioritize the development of such capabilities, and is aware of a recent Government Accountability Office report on long-range emerging threats facing the United States that highlighted the aggressive pursuit of ML/AI technologies by our adversaries.

The committee appreciates the substantial efforts by the Joint Artificial Intelligence Center to establish standards, manage development, and integrate ML/AI technologies for the benefit of the Joint Force, and the close coordination with US Special Operations Command (USSOCOM). The committee notes the importance of demonstrating the operational use of these capabilities in semi- and non-permissive environments, such as those forces deployed from USSOCOM. The committee is interested in better understanding the application of such capabilities in strategically dynamic environments with near-peer adversaries.

Therefore, the committee directs the Director of the Joint Artificial Intelligence Center, in coordination with Commander, USSOCOM, to provide a briefing to the House Committee on Armed Services by November 1, 2020, on an assessment of ML/AI technologies to enable operational maneuver, autonomous or otherwise, in highly-contested environments with near-peer adversaries.

The committee recommends \$147.2 million, an increase of \$10.0 million, in PE 1160408BB for the Operational Enhancements program.

## TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

### ITEMS OF SPECIAL INTEREST

## Assessment of Section 889 of the National Defense Authorization Act for Fiscal Year 2019

The committee directs the Comptroller General of the United States to submit a report to the congressional defense committees not later than August 13, 2026, on an assessment of the implementation of section 889 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232). The assessment shall examine:

(1) the extent to which agencies have assessed applicability of section 889 to their activities to include: identifying whether and how they use the prohibited equipment, components, or services, to include those on Federal property; inventory of active contracts or other agreements with an entity that uses prohibited equipment, components, or services;

(2) the steps agencies have taken to implement section 889, to include: contract actions or changes to agreements; removal of equipment or components from programs and activities; description of waivers agencies have requested, associated rationales, and their dispositions; and

(3) the challenges agencies face in implementing section 889 and recommendations for improvement.

The committee further directs the Comptroller General to submit an interim report to the congressional defense committees not later than August 13, 2021.

## Briefing on Section 889 of the National Defense Authorization Act for Fiscal Year 2019

The committee reaffirms its ongoing national security concerns about proliferation of video surveillance or telecommunications equipment in the Federal and commercial space produced by Huawei, ZTE, Hytera, Hikvision, or Dahua, as defined in section 889 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232). Consistent with draft regulation issued in November 2019, and the anticipated August 2020 regulation related to this statute, the committee directs the Secretary of Defense, in coordination with the Secretary of Commerce, to provide a briefing to the House Committee on Armed Services not later than December 1, 2020, on the implementation status of the full requirements in section 889. This briefing should address the following:

(1) whether the final implementing regulation has been issued and, if not, why;

(2) whether the interim rule prohibits "covered" equipment/services only if they are a "substantial or essential component of any system", or as "critical technology as part of any system";

(3) clarify how the Departments interpret "substantial or essential" as well as "critical";

(4) how the Department of Commerce determines which "affiliates and subsidiaries" are on the covered list;

(5) the amount and type of exceptions and waivers that have been granted to date, as allowed in section 889;

(6) whether the Departments plan to seek a delay to the August 2020 mandate, which bans agencies from contracting with a company that uses covered equipment and services;

(7) how the Secretary of Defense, in consultation with the Director of National Intelligence and the Director of the Federal Bureau of Investigation, would designate additional entities believed to be owned or controlled by a foreign government as authorized; and

(8) whether the Departments plan to make funds available for the replacement of the prohibited covered equipment.

#### Consistency in the Management and Execution of Audits of Contractor Business System Reviews Conducted by the Defense Contract Audit Agency

The committee notes that the Department of Defense is planning to significantly increase the number of audits performed on contractor business systems (CBS) during the next few fiscal years, particularly those audits for which the Defense Contract Audit Agency (DCAA) has primary responsibility. The Defense Contract Management Agency (DCMA) and DCAA generally conduct their respective CBS reviews on a 3-year cycle. However, DCAA has fallen far short of maintaining this schedule during fiscal years 2013 through 2018 and the Government Accountability Office (GAO) recently reported that DCAA completed only 9 of 76 planned CBS audits during fiscal year 2017. In order to “catch up,” DCAA plans to significantly increase its annual pace and conduct almost 300 CBS audits between fiscal years 2019 and 2022. In their report, the GAO also noted that DCAA’s ability to meet its goal was dependent upon three factors, including:

(1) the ability to shift resources from conducting incurred cost audits to business systems audits;

(2) the use of independent public accounting firms (IPAs) to perform a portion of the incurred cost audits; and

(3) the ability of DCAA auditors to use new audit plans and complete the required business system audits in a timely manner.

Further, the committee is aware of concerns about how DCAA contracted for and oversaw the work of IPAs. The committee believes it is essential that DCAA and DCMA improve their execution, management, and oversight of contractor business systems reviews, including their use of IPAs.

Therefore, the committee directs the Comptroller General of the United States to assess:

(1) whether DCAA and DCMA have improved their visibility into the number of reviews needed to be conducted and the length of time it takes to resolve issues identified during these reviews;

(2) the progress made and challenges encountered, if any, by DCAA toward achieving its goal of becoming current on all of its contractor business systems audits by fiscal year 2022;

(3) the extent to which DCAA has used IPAs to help conduct incurred cost audits; and

(4) the extent to which DCAA is collecting and using the lessons learned from its initial use of IPAs to facilitate their use.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services by March 1, 2021, on preliminary observations and submit a report to the congressional defense committees at a date agreed upon at that time.

### Department of Defense Proposal for Reports on Acquisition Programs and Activities

The committee notes that the Comptroller General of the United States annual assessment of the Department of Defense's acquisition programs plays an important role in enabling the congressional defense committees' detailed oversight of the Defense Acquisition System.

Section 830(b) of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92) required the Secretary of Defense to submit to the congressional defense committees not later than October 15, 2020, a proposal for an alternative methodology for reporting on all acquisition programs that includes, among other things, the reporting requirements for Selected Acquisition Reports. The committee is aware that the Comptroller General's annual assessment of acquisition programs relies extensively on data included in Selected Acquisition Reports. Therefore, the committee directs the Comptroller General to assess the Secretary of Defense's proposal for an alternative methodology. At a minimum, the review shall address:

(1) potential benefits and challenges associated with the Department's proposed methodology as they relate to Comptroller General and congressional oversight of the Defense Acquisition System, including the ability to report on trends in acquisition program performance over time; and

(2) the extent to which the proposal includes reporting on elements of program performance that align with acquisition best practices.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services not later than 120 days after the submission of the Secretary of Defense's report on the Comptroller General's preliminary findings and to submit a final report to the congressional defense committees on a date agreed to at the time of the briefing.

### Efforts to Improve the Domestic Nonavailability Waiver Process

The committee notes that there continues to be congressional interest in how the Department of Defense executes its domestic nonavailability waiver process, including how the Department communicates with private industry and



determines whether there are new domestic sources available to meet the Department's needs. Therefore, the committee directs the Assistant Secretary of Defense for Sustainment to provide a briefing to the House Committee on Armed Services not later than December 1, 2020, on the Department's domestic nonavailability waiver process. The briefing shall address recent actions taken by the Department, including waivers granted under sections 2533a and 2533b of title 10, United States Code, since the related briefing required by the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92), and new efforts to develop domestic supplies.

#### Efforts to Streamline the Internal Control Audit Framework Used to Evaluate Contractor Business Systems

The committee recognizes that consistent with a recommendation of the Section 809 Panel Report, streamlining the Department of Defense's 18 government-unique criteria used to assess contractor business systems is anticipated to result in more efficient, effective, objective, and material audits. The committee urges the Department to review the system criteria used to audit contractor systems (Cost Estimating Systems, Earned Value Management Systems, Material Management and Accounting Systems, Purchasing Systems, and Property Management Systems) to determine whether an internal control audit framework consistent with private sector auditing standards would provide a more efficient and effective approach to auditing these systems as compared to the current government-unique system criteria set forth in the Defense Federal Acquisition Regulation Supplement. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than February 1, 2021, on how the Department plans to improve its audit framework and its timeline for doing so.

#### Incremental Funding of Services Contracts

The committee is concerned about the use of incremental funding in services contracts and its potential impact on contractor performance and outcomes at the Department of Defense. The committee acknowledges that the frequent use of continuing resolutions has forced the Department to operate with less or uncertain funding for longer periods of time and may be incrementally funding contracted work, even when the services under contract are non-severable. However, the committee also recognizes that this may create an administrative burden, particularly on small businesses, and further, could result in suboptimal contractor performance.

Therefore, the committee directs the Comptroller General of the United States to:

(1) assess whether buying activities in the Department of Defense incrementally funded work required under contracts for services awarded during the fiscal years 2017, 2018, 2019;

(2) describe whether the regulations applicable to procurement or fiscal law permits or facilitates such incremental funding;

(3) describe the processes by which the buying activities justify, approve, and monitor the use of incremental funding of services contracts; and

(4) describe whether the use of incremental funding on contracts for services poses administrative burdens, financial risks, or performance challenges to either the Department or its contractors.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services by March 1, 2021, on the Comptroller General's preliminary findings and to submit a final report on a date agreed to at the time of the briefing.

### Report on Cybersecurity Maturity Model Certification

The committee acknowledges that the Department of Defense has taken initial steps to ensure that its contractors are aware of the actions necessary to protect the government's data and networks from cybersecurity threats. However, the committee is concerned that there remain key unanswered questions about how it will implement its cybersecurity framework, especially given the level of collaboration necessary between industry and government for its success.

Therefore, the committee directs the Under Secretary of Defense for Acquisition and Sustainment to submit a report to the congressional defense committees by January 15, 2021, regarding the Cybersecurity Maturity Model Certification (CMMC) program. The report shall address the following:

(1) the estimated annual costs to the Department to implement CMMC and the estimated annual costs to the Department for CMMC expenses that will be considered an allowable cost on a government contract for each of fiscal years 2020 through 2024;

(2) the estimated costs for compliance and certification for each category of small, medium-sized, and large businesses, by CMMC tier;

(3) the status of Department efforts to revise regulations, issues related to current contract clauses, the timelines proposed for each step in the regulatory process, and the planned applicability to contracts once a final regulation is implemented;

(4) the efforts of the Department to incorporate CMMC training into the Department's and Defense Acquisition University's training requirements;

(5) the efforts of the Department to address issues surrounding exclusivity of the standard and the certification across the enterprise;

(6) a discussion of the roles, responsibilities, and liabilities for the prime contractors and subcontractors with regard to the assigning of the CMMC tier;

(7) a discussion of the plan for the CMMC Accreditation Board to engage and train the appropriate resources to conduct certifications for the defense industrial base as it pertains to the timelines included in the Department's rollout of CMMC;

(8) a plan for the Department to obtain and retain the CMMC Accreditation Board as the exclusive provider of CMMC certifications; and

(9) a discussion of how the CMMC Accreditation Board will prioritize the requests for CMMC certification and the factors used to determine priority, if any, specifically with regard to company size, sole source contracting, and the timelines included in the Department's rollout of CMMC.

#### Report on Source Content Supplier for Major Defense Acquisition Programs

The committee believes the Department of Defense's acquisition processes should be in line with the standards of the Buy American Act of 1933 (Public Law 72-428). The committee also believes the Department should set a goal to acquire and procure American-made equipment and products where possible to ensure a strong national industrial base to support warfighters in time of need.

Therefore, the committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than March 1, 2021, assessing the source content of procurement carried out in connection with major defense acquisition programs (as defined in section 2430 of title 10, United States Code). The report shall include the proportion of items procured in connection with a major defense acquisition program that are manufactured in the United States which are substantially all from articles, materials, or supplies mined, produced, or manufactured in the United States.

The report shall also include a detailed description of which components of major defense acquisition programs are sole-sourced from a foreign supplier, including those sourced from a member of the North Atlantic Treaty Organization or a country that otherwise qualifies for a waiver under the Buy American Act. The report should be organized by major defense acquisition program and may contain a classified annex, but should be unclassified to the extent practicable.

#### Status of Implementing Regulations Related to Procurement Administrative Lead Times

The committee notes that section 886 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) and section 878 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232) required the Department of Defense and Administrator of the Office of Federal Procurement Policy, respectively, to define, track, and publicly report on Procurement Administrative Lead Times (PALT) within 180 days of the date of the enactment of the Acts. The committee understands that the Department and the Administrator have taken positive steps to implement requirements to define, track, and report on PALT but, to date, have not met the statutorily imposed deadlines for implementation. Therefore, the committee directs the Secretary of Defense and the Administrator to increase the priority of these regulations and to each provide a briefing to the House Committee on Armed Services by November 1, 2020, on progress in finalizing the implementation of these regulations.

## Strategic and Critical Materials in Department of Defense Industrial Base

The committee supports the Department of Defense's recent investments in upgrading domestic manufacturing through the Industrial Base Analysis and Sustainment (IBAS) program. The committee is encouraged by the Department's latest effort to mitigate supply chain vulnerabilities and address strategic material gaps. The IBAS program is an effective tool to support the domestic defense industrial base and can be further utilized to strengthen the critical materials industry, often metals such as tungsten, neodymium iron boron magnets, niobium, indium, gallium, germanium, and tin. The committee notes these materials are economically important, enabling emerging technologies as a result of their unique properties. These metals are essential in United States military applications as well as medical, electronics, 5G, automobile, aerospace, and solar industries, supporting both national security and sustainable living. Rare earth minerals and elements are necessary components of technology and defense tools, including smartphones, computer chips, radar sensors, and other electronics.

The Strategic and Critical Materials Stockpiling Act of 1939 provides for the acquisition and retention of certain strategic and critical materials. It is in the Defense Logistics Agency's (DLA) mission to foster the conservation and development of domestic sources within the United States thereby abating dangerous and costly dependence on foreign sources and single points of failure. Despite the act, the United States import of these metals amounted to 392 thousand metric tons (mt) between 2014 and 2018 whereby the consumption amounted to 89 percent. Additionally, the United States has no stockpile for these critical metals except 4mt of 95 percent contaminated tin. Per World Mine Productions and Reserves (2017 Estimates), the United States is one of the five countries that does not produce rare earth metals and has only 1.17 percent of the world's total.

Therefore, the committee directs the Secretary of Defense to include in the submission of the Annual Industrial Capabilities Report to Congress not later than March 1, 2021, as required by section 2504 of title 10, United States Code, a report on the state of the domestic supply chain, economic importance, risks associated, and availability of rare earth metals, including tungsten, neodymium iron boron magnets, niobium, indium, gallium, germanium, and tin. The assessment shall evaluate the need to stockpile these elements along with others the Department identifies due to their critical role for national security and sourcing from foreign entities.

## TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

### ITEMS OF SPECIAL INTEREST

Assistant Secretary of Defense for Space and Strategic Deterrence

The committee notes the benefit and importance of establishing an Assistant Secretary of Defense for policy with responsibility for space, nuclear deterrence and missile defense policy in order to realign policy on strategic deterrence. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by October 30, 2020, on realigning nuclear deterrence, missile defense, and space policy under one assistant secretary in order to streamline deterrence policy development and to adequately inform acquisition of capabilities to support strategic deterrence.

## TITLE X—GENERAL PROVISIONS

### ITEMS OF SPECIAL INTEREST

#### OTHER MATTERS

##### Audit Innovation

The committee continues to be interested in the Department of Defense's efforts to incorporate commercial digital technologies, such as robotic process automation, cognitive and artificial intelligence to improve the quality and richness of financial data, and eliminate manual process and complex financial reconciliations, and accelerate the Department's goal of auditable financial statements. Furthermore, the committee is interested in the Department's leveraging of data gleaned from these systems and utilized beyond the financial statement audit to derive meaningful insights and inform strategic and operational decisions.

Therefore, the committee directs the Secretary of Defense to submit a report to the House Committee on Armed Services by January 31, 2021, on the adoption of advanced analytics in the execution of the Financial Improvement and Audit Remediation Plan and how they may be used to improve mission analytics, measuring and improving audit performance, identifying inefficiencies, redundancies and news risks, and preventing fraud, waste, and abuse. In addition, the report should include an understanding of the Department's efforts to standardize and improve data fidelity across the enterprise. Finally, an understanding on how the Department is implementing key initiatives to address future financial management workforce needs in data and technology skill sets.

##### Report on Service Consolidation of General Ledger Financial Management Systems

The committee recognizes the progress made by the Department of Defense towards an unmodified audit opinion, but remains aware that audit readiness and remediation efforts must lead to and be aligned with further efficiencies and process improvements if the investment of time and effort into the audit is to be fully leveraged. In particular, the committee recognizes the significant efforts made to

date by the military services to consolidate enterprise software and general ledger financial management systems in their business operations, and encourages the military services to continue to reduce the number of such systems. The committee directs the Secretaries of the Army, Air Force, and Navy each to provide a report to the House Committee on Armed Services not later than January 31, 2021, specifying the date by which each military service will achieve consolidation to a single general ledger financial management system, detailing efforts and funding critical to achieving consolidation, possible ways to accelerate consolidation, and such additional information as each Secretary deems appropriate.

## TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

### ITEMS OF SPECIAL INTEREST

#### Authorities for U.S. Military Personnel in Syria

The committee remains concerned that the United States Strategy for Syria expresses objectives that cannot be achieved with the means identified. Furthermore, the committee is concerned about the stated purpose of U.S. military forces serving in Syria and tasks assigned to those forces. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than October 30, 2020, on the applicable domestic and international legal authorities that would authorize the U.S. military presence in oilfields in northeast Syria and to deny the Government of Syria access to them.

#### Efforts to Implement the Foreign Investment Risk Review Modernization Act

The committee recognizes the United States' status as the world's largest recipient of foreign direct investment. The committee understands the importance of balancing the many benefits of foreign direct investment to the U.S. economy with the associated risks to U.S. national security. The committee supports the Department of Defense's collaborative efforts and innovative measures to protect the defense industrial base and the U.S. critical infrastructure and critical technology sectors from such national security risks. The committee recognizes the Department of Defense's essential role, as a frequent co-lead agency and voting member of the Committee on Foreign Investment in the United States (CFIUS), in preventing and mitigating national security threats related to foreign direct investment. The committee is aware that the Foreign Investment Risk Review Modernization Act of 2018 (FIRRMA), which was signed into law as part of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232), significantly strengthened and expanded CFIUS' jurisdiction to address emerging threats to U.S. national security.

To better understand the initial impacts of FIRRMA implementation on the Department of Defense, the committee directs the Under Secretary of Defense for

Acquisition and Sustainment to provide a briefing to the House Committee on Armed Services, not later than January 1, 2021. Such briefing shall include an assessment of the following:

- (1) the Department's ability to monitor and enforce compliance with mitigation agreements;
- (2) the Department's efforts to incorporate findings and recommendations from the "Protecting Critical Technology Task Force" in its review and mitigation processes;
- (3) the Department's efforts to assist allies and partners with establishing foreign direct investment screening processes that are similar to CFIUS;
- (4) the impact on the Department's ability to attract and work with startup companies producing emerging technologies that receive funding from venture capital companies; and
- (5) any other impacts to the Department associated with FIRREA implementation.

#### Military Exchanges between Senior Officers and Officials of the United States and Taiwan

The committee endeavors to fully understand the extent of the exchange of officials between the United States and Taiwan at all levels and the impact of the exchanges on military-to-military relations and Taiwan's self-defense capabilities. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than December 1, 2020, on exchanges between senior military officers and senior officials of the United States and Taiwan. At a minimum, the briefing shall cover:

- (1) the objectives of military exchanges between senior officers and officials of the United States and Taiwan;
- (2) the number of exchanges in the two previous calendar years;
- (3) the primary focus of each such exchange;
- (4) a summary of exchanges that were focused on threat analysis, military doctrine, force planning, logistical support, intelligence collection and analysis, operational tactics, techniques, and procedures, and humanitarian and disaster relief;
- (5) the number and primary focus of exchanges planned for the following calendar year; and
- (6) any other relevant matters the Secretary of Defense determines should be included.

#### Report on Activities and Resources Necessary to Achieve the Objectives of the Indo-Pacific Reassurance Initiative

The committee believes that the Department of Defense's resource requirements should be forward-looking and driven by strategy. Additionally, the committee requires a detailed summary of those requirements in order to meet its

oversight responsibilities. Therefore, the committee is including a complimentary requirement, similar to a requirement appearing elsewhere in this Act, to inform the committee's deliberations in fiscal year 2022.

The committee directs the Secretary of Defense, in consultation with the Commander of U.S. Indo-Pacific Command, to submit a report to the congressional defense committees not later than February 1, 2021, on the activities and resources necessary to achieve the objectives of the Indo-Pacific Reassurance Initiative. The report shall be unclassified but may contain a classified annex. At a minimum, the report shall include:

(1) a summary of progress made towards meeting the objectives of the Indo-Pacific Reassurance Initiative.

(2) an assessment of resource requirements to achieve the objectives of the Indo-Pacific Reassurance Initiative.

(3) an assessment of capabilities requirements to achieve the objectives of the Indo-Pacific Reassurance Initiative.

(4) an assessment of logistics requirements, including force enablers, equipment, supplies, storage, and maintenance requirements, to achieve the objectives of the initiative.

(5) the intended force structure and posture of the assigned and allocated forces within the area of responsibility of the U.S. Indo-Pacific Command for the last fiscal year of the plan and the manner in which such force structure and posture support the objectives of the Initiative.

(6) an assessment of logistics requirements, including force enablers, equipment, supplies, storage, fuel storage and distribution, and maintenance requirements, to achieve the objectives of the Indo-Pacific Reassurance Initiative.

(7) an analysis of the challenges to the ability of the United States to deploy necessary forces from the continental United States to the Indo-Pacific theater in the event of a major contingency, and a description of the plans of the Department of Defense, including military exercises, to address such challenges.

(8) an assessment and plan for security cooperation investments to enhance the objectives of the Indo-Pacific Reassurance Initiative.

(9) a plan to resource U.S. force posture and capabilities, including: (a) the infrastructure capacity of existing locations and their ability to accommodate additional U.S. forces in the Indo-Pacific; (b) the potential new locations for additional U.S. forces in the Indo-Pacific, including an assessment of infrastructure and military construction resources necessary to accommodate additional U.S. forces in the Indo-Pacific; (c) a detailed timeline to achieve desired posture requirements; (d) a detailed assessment of the resources necessary to achieve the requirements of the plan, including specific cost estimates for each project under the Indo-Pacific Reassurance Initiative to support optimized presence, exercises and training, enhanced prepositioning, improved infrastructure, and building partnership capacity; and (e) a detailed timeline to achieve the force posture and capabilities, including force requirements.



(10) any other matters the Secretary of Defense determines should be included.

### Security Sector Assistance Training for Foreign Students

The committee is aware that the United States has trained foreign partner forces for decades and the Department of Defense conducts security sector assistance related training for international military students from around the world. The committee supports the goal that training international military students advances U.S. national security interests by building defense partnerships and facilitating interoperability with our foreign partners. The committee is aware that the Secretary of Defense directed a review of vetting procedures for all international military students who train in the United States. The committee supports such a review. The committee is aware that the Department already implemented certain modifications to vetting procedures, and that additional modifications may be forthcoming, which may impact the population of international military students training in the United States.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than March 1, 2021, on foreign partner force training in the United States. Such briefing shall, at a minimum, include results of the Secretary's review of vetting procedures for international military students, any changes to policies and procedures as a result of such review, the current locations for international military student training (including flight training), the number of international military students being trained at each location, the type of training, the potential impact of modified vetting procedures to the international military student population at all locations, and measures being taken to ensure that the goals of training international military students in the United States are achieved.

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

### **TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**

#### **ITEMS OF SPECIAL INTEREST**

#### **NATIONAL NUCLEAR SECURITY ADMINISTRATION**

#### **Defense Nuclear Nonproliferation**

*Incident at Harborview Research and Training Facility*

The committee notes the release of the Joint Investigation Report on the breach of the sealed source and resultant contamination of personnel, observers, the Harborview Research and Training Facility and local environment that occurred in May 2019. The report concluded that "[t]his event was preventable. It was the result of weak and partially implemented processes within the Department of Energy, Triad, and INIS." The committee notes the National Nuclear Security Administration's (NNSA) efforts to understand the causes of this incident and to ensure that any and all remediation necessary is completed in a safe and timely manner, and the committee emphasizes the need and to improve oversight and accountability at the subcontractor, contractor, and Federal levels.

Therefore, the committee directs the Administrator of the National Nuclear Security Administration to provide a briefing to the House Committee on Armed Services not later than October 30, 2020, on the report and remediation activities. The briefing shall include the following elements:

- (1) NNSA's efforts and progress in implementing findings and recommendations of the report;
- (2) status of remediation efforts and timelines for completion;
- (3) total costs expected to complete remediation;
- (4) any actions taken to ensure accountability for the incident at the subcontractor, contractor, and Federal levels, and any barriers to doing so; and
- (5) any other lessons learned to reduce the risk of another incident, and to improve safety and emergency planning.

# ADDENDUM: SUMMARY TABLES

\* NOTE: THE SUMMARY TABLES ARE INFORMATIONAL ONLY AND WILL  
BE INCLUDED AS PART OF THE COMMITTEE REPORT

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
<b>DISCRETIONARY AUTHORIZATIONS WITHIN THE JURISDICTION OF THE ARMED SERVICES COMMITTEE</b>			
<b>National Defense Funding, Base Budget Request</b>			
<b>Function 051, Department of Defense-Military</b>			
<b>Division A: Department of Defense Authorizations</b>			
<b>Title I—Procurement</b>			
Aircraft Procurement, Army .....	3,074,594	187,300	3,261,894
Missile Procurement, Army .....	3,491,507	–88,750	3,402,757
Weapons & Tracked Combat Vehicles, Army .....	3,696,740	159,298	3,856,038
Procurement of Ammunition, Army .....	2,777,716	82,500	2,860,216
Other Procurement, Army .....	8,625,206	–318,567	8,306,639
Aircraft Procurement, Navy .....	17,127,378	1,040,700	18,168,078
Weapons Procurement, Navy .....	4,884,995	–75,300	4,809,695
Procurement of Ammunition, Navy & Marine Corps .....	883,602	–39,842	843,760
Shipbuilding & Conversion, Navy .....	19,902,757	2,161,700	22,064,457
Other Procurement, Navy .....	10,948,518	–670,900	10,277,618
Procurement, Marine Corps .....	2,903,976	56,583	2,960,559
Aircraft Procurement, Air Force .....	17,908,145	–464,000	17,444,145
Missile Procurement, Air Force .....	2,396,417		2,396,417
Procurement of Ammunition, Air Force .....	596,338		596,338
Other Procurement, Air Force .....	23,695,720	–72,535	23,623,185
Procurement, Space Force .....	2,446,064	–38,000	2,408,064
Procurement, Defense-Wide .....	5,324,487	28,500	5,352,987
<b>Subtotal, Title I—Procurement .....</b>	<b>130,684,160</b>	<b>1,948,687</b>	<b>132,632,847</b>
<b>Title II—Research, Development, Test and Evaluation</b>			
Research, Development, Test & Evaluation, Army .....	12,587,343	–44,437	12,542,906
Research, Development, Test & Evaluation, Navy .....	21,427,048	–307,700	21,119,348
Research, Development, Test & Evaluation, Air Force .....	37,391,826	–316,489	37,075,337
Research, Development, Test & Evaluation, Space Force .....	10,327,595	91,889	10,419,484
Research, Development, Test & Evaluation, Defense- Wide .....	24,280,891	1,052,272	25,333,163
Operational Test & Evaluation, Defense .....	210,090		210,090
<b>Subtotal, Title II—Research, Development, Test and Evaluation .....</b>	<b>106,224,793</b>	<b>475,535</b>	<b>106,700,328</b>
<b>Title III—Operation and Maintenance</b>			
Operation & Maintenance, Army .....	40,312,968	–68,232	40,244,736
Operation & Maintenance, Army Reserve .....	2,934,717	–4,041	2,930,676
Operation & Maintenance, Army National Guard .....	7,420,014	–3,678	7,416,336
Operation & Maintenance, Navy .....	49,692,742	–1,193,102	48,499,640
Operation & Maintenance, Marine Corps .....	7,328,607	–415,729	6,912,878
Operation & Maintenance, Navy Reserve .....	1,127,046	–2,897	1,124,149
Operation & Maintenance, Marine Corps Reserve .....	284,656	67	284,723
Operation & Maintenance, Air Force .....	34,750,597	–310,605	34,439,992
Operation & Maintenance, Space Force .....	2,531,294	–2,400	2,528,894

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Operation & Maintenance, Air Force Reserve .....	3,350,284	15,015	3,365,299
Operation & Maintenance, Air National Guard .....	6,753,642	37,693	6,791,335
Operation & Maintenance, Defense-Wide .....	38,649,079	288,134	38,937,213
US Court of Appeals for the Armed Forces, Defense ...	15,211		15,211
DOD Acquisition Workforce Development Fund .....	58,181	140,320	198,501
Overseas Humanitarian, Disaster and Civic Aid .....	109,900		109,900
Cooperative Threat Reduction .....	238,490	135,200	373,690
Environmental Restoration .....	1,073,068	50,000	1,123,068
Undistributed .....	0	-1,455,870	-1,455,870
<b>Subtotal, Title III—Operation and Maintenance .....</b>	<b>196,630,496</b>	<b>-2,790,125</b>	<b>193,840,371</b>
<b>Title IV—Military Personnel</b>			
Military Personnel Appropriations .....	150,524,104	-1,093,800	149,430,304
Medicare-Eligible Retiree Health Fund Contributions ...	8,372,741		8,372,741
<b>Subtotal, Title IV—Military Personnel .....</b>	<b>158,896,845</b>	<b>-1,093,800</b>	<b>157,803,045</b>
<b>Title XIV—Other Authorizations</b>			
Working Capital Fund, Army .....	56,717		56,717
Working Capital Fund, Air Force .....	95,712		95,712
Working Capital Fund, DECA .....	1,146,660		1,146,660
Working Capital Fund, Defense-Wide .....	49,821		49,821
National Defense Sealift Fund .....	0	541,405	541,405
Chemical Agents & Munitions Destruction .....	889,500		889,500
Drug Interdiction and Counter Drug Activities .....	769,629		769,629
Office of the Inspector General .....	371,439	16,257	387,696
Defense Health Program .....	32,690,372	51,200	32,741,572
<b>Subtotal, Title XIV—Other Authorizations .....</b>	<b>36,069,850</b>	<b>608,862</b>	<b>36,678,712</b>
<b>Total, Division A: Department of Defense Authoriza- tions .....</b>	<b>628,506,144</b>	<b>-850,841</b>	<b>627,655,303</b>
<b>Division B: Military Construction Authorizations</b>			
<b>Military Construction</b>			
Army .....	650,336	65,500	715,836
Navy .....	1,975,606	-299,092	1,676,514
Air Force .....	767,132	-105,883	661,249
Defense-Wide .....	2,027,520	46,240	2,073,760
NATO Security Investment Program .....	173,030		173,030
Army National Guard .....	321,437	15,735	337,172
Army Reserve .....	88,337	2,500	90,837
Navy and Marine Corps Reserve .....	70,995		70,995
Air National Guard .....	64,214		64,214
Air Force Reserve .....	23,117		23,117
Unaccompanied Housing Improvement Fund .....	600		600
<b>Subtotal, Military Construction .....</b>	<b>6,162,324</b>	<b>-275,000</b>	<b>5,887,324</b>
<b>Family Housing</b>			
Construction, Army .....	119,400		119,400
Operation & Maintenance, Army .....	367,142	25,000	392,142

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Construction, Navy and Marine Corps .....	42,897		42,897
Operation & Maintenance, Navy and Marine Corps .....	346,493	50,000	396,493
Construction, Air Force .....	97,214		97,214
Operation & Maintenance, Air Force .....	317,021	60,000	377,021
Operation & Maintenance, Defense-Wide .....	54,728		54,728
Improvement Fund .....	5,897		5,897
<b>Subtotal, Family Housing .....</b>	<b>1,350,792</b>	<b>135,000</b>	<b>1,485,792</b>
<b>Base Realignment and Closure</b>			
Base Realignment and Closure—Army .....	66,060	40,000	106,060
Base Realignment and Closure—Navy .....	125,165	100,000	225,165
Base Realignment and Closure—Air Force .....	109,222		109,222
<b>Subtotal, Base Realignment and Closure .....</b>	<b>300,447</b>	<b>140,000</b>	<b>440,447</b>
<b>Total, Division B: Military Construction Authoriza- tions .....</b>	<b>7,813,563</b>	<b>0</b>	<b>7,813,563</b>
<b>Total, 051, Department of Defense-Military .....</b>	<b>636,319,707</b>	<b>-850,841</b>	<b>635,468,866</b>
<b>Division C: Department of Energy National Security Authorization and Other Authorizations</b>			
<b>Function 053, Atomic Energy Defense Activities</b>			
<b>Environmental and Other Defense Activities</b>			
Nuclear Energy .....	137,800		137,800
Weapons Activities .....	15,602,000		15,602,000
Defense Nuclear Nonproliferation .....	2,031,000	80,000	2,111,000
Naval Reactors .....	1,684,000		1,684,000
Federal Salaries and Expenses .....	454,000		454,000
Defense Environmental Cleanup .....	4,983,608	745,100	5,728,708
Other Defense Activities .....	1,054,727	-155,438	899,289
<b>Subtotal, Environmental and Other Defense Activi- ties .....</b>	<b>25,947,135</b>	<b>669,662</b>	<b>26,616,797</b>
<b>Independent Federal Agency Authorization</b>			
Defense Nuclear Facilities Safety Board .....	28,836		28,836
<b>Subtotal, Independent Federal Agency Authorization</b>	<b>28,836</b>	<b>0</b>	<b>28,836</b>
<b>Subtotal, 053, Atomic Energy Defense Activities .....</b>	<b>25,975,971</b>	<b>669,662</b>	<b>26,645,633</b>
<b>Function 054, Defense-Related Activities</b>			
<b>Other Agency Authorizations</b>			
Maritime Security Program .....	314,008	180,000	494,008
<b>Subtotal, Independent Federal Agency Authorization</b>	<b>314,008</b>	<b>180,000</b>	<b>494,008</b>
<b>Subtotal, 054, Defense-Related Activities .....</b>	<b>314,008</b>	<b>180,000</b>	<b>494,008</b>
<b>Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations ..</b>	<b>26,289,979</b>	<b>849,662</b>	<b>27,139,641</b>

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
<b>Total, National Defense Funding, Base Budget Re- quest .....</b>	<b>662,609,686</b>	<b>-1,179</b>	<b>662,608,507</b>
<b>National Defense Funding, Overseas Contingency Operations</b>			
<b>Function 051, Department of Defense-Military</b>			
<b>Procurement</b>			
Aircraft Procurement, Army .....	461,080	-4,800	456,280
Missile Procurement, Army .....	881,592		881,592
Weapons & Tracked Combat Vehicles, Army .....	15,225		15,225
Procurement of Ammunition, Army .....	110,668		110,668
Other Procurement, Army .....	924,077		924,077
Aircraft Procurement, Navy .....	33,241		33,241
Weapons Procurement, Navy .....	5,572		5,572
Procurement of Ammunition, Navy & Marine Corps .....	95,942		95,942
Other Procurement, Navy .....	343,526		343,526
Procurement, Marine Corps .....	47,963		47,963
Aircraft Procurement, Air Force .....	569,155	17,400	586,555
Missile Procurement, Air Force .....	223,772		223,772
Procurement of Ammunition, Air Force .....	802,455		802,455
Other Procurement, Air Force .....	355,339		355,339
Procurement, Defense-Wide .....	258,491	45,100	303,591
National Guard & Reserve Equipment .....	0	150,000	150,000
<b>Subtotal, Procurement .....</b>	<b>5,128,098</b>	<b>207,700</b>	<b>5,335,798</b>
<b>Research, Development, Test and Evaluation</b>			
Research, Development, Test & Evaluation, Army .....	182,824		182,824
Research, Development, Test & Evaluation, Navy .....	59,562		59,562
Research, Development, Test & Evaluation, Air Force .....	5,304		5,304
Research, Development, Test & Evaluation, Defense- Wide .....	82,818		82,818
<b>Subtotal, Research, Development, Test and Evalua- tion .....</b>	<b>330,508</b>	<b>0</b>	<b>330,508</b>
<b>Operation and Maintenance</b>			
Operation & Maintenance, Army .....	17,137,754	-1,353,824	15,783,930
Operation & Maintenance, Army Reserve .....	33,399		33,399
Operation & Maintenance, Army National Guard .....	79,792		79,792
Afghanistan Security Forces Fund .....	4,015,612	-500,000	3,515,612
Counter-ISIS Train and Equip Fund .....	845,000	-145,000	700,000
Operation & Maintenance, Navy .....	10,700,305	928,794	11,629,099
Operation & Maintenance, Marine Corps .....	1,102,600	400,000	1,502,600
Operation & Maintenance, Navy Reserve .....	21,492		21,492
Operation & Maintenance, Marine Corps Reserve .....	8,707		8,707
Operation & Maintenance, Air Force .....	17,930,020	486,330	18,416,350
Operation & Maintenance, Space Force .....	77,115		77,115
Operation & Maintenance, Air Force Reserve .....	30,090		30,090
Operation & Maintenance, Air National Guard .....	175,642		175,642

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Operation & Maintenance, Defense-Wide .....	6,022,254	-274,000	5,748,254
Ukraine Security Assistance .....		250,000	250,000
<b>Subtotal, Operation and Maintenance .....</b>	<b>58,179,782</b>	<b>-207,700</b>	<b>57,972,082</b>
<b>Military Personnel</b>			
Military Personnel Appropriations .....	4,602,593		4,602,593
<b>Subtotal, Military Personnel .....</b>	<b>4,602,593</b>	<b>0</b>	<b>4,602,593</b>
<b>Other Authorizations</b>			
Working Capital Fund, Army .....	20,090		20,090
Office of the Inspector General .....	24,069		24,069
Defense Health Program .....	365,098		365,098
<b>Subtotal, Title XIV—Other Authorizations .....</b>	<b>409,257</b>	<b>0</b>	<b>409,257</b>
<b>Military Construction</b>			
Army .....	15,873		15,873
Navy .....	70,020		70,020
Air Force .....	263,869		263,869
<b>Subtotal, Military Construction .....</b>	<b>349,762</b>	<b>0</b>	<b>349,762</b>
<b>Subtotal, 051, Department of Defense-Military .....</b>	<b>69,000,000</b>	<b>0</b>	<b>69,000,000</b>
<b>Total, National Defense Funding, Overseas Contingency Operations Funding .....</b>	<b>69,000,000</b>	<b>0</b>	<b>69,000,000</b>
<b>Total, National Defense .....</b>	<b>731,609,686</b>	<b>-1,179</b>	<b>731,608,507</b>
<b>MEMORANDUM: NON-DEFENSE AUTHORIZATIONS .....</b>			
Title XIV—Armed Forces Retirement Home (Function 600) .....	83,306		83,306
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270) .....	70,300		70,300
	13,006		13,006
<b>MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)</b>			
Title X—General Transfer Authority .....			[4,000,000]
Title XV—Special Transfer Authority .....			[2,500,000]
<b>MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)</b>			
Defense Production Act .....	181,931		