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Subtitle A—Authorization Of Appropriations

SEC. 101. AUTHORIZATION OF APPROPRIATIONS.

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

Subtitle B—Army Programs

SEC. 111. NATIONAL GUARD AND RESERVE COMPONENT EQUIPMENT REPORT.

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

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

“(A) AH-64 Attack Helicopters;

“(B) UH-60 Black Hawk Utility Helicopters;

“(C) Abrams Main Battle Tanks;

“(D) Bradley Infantry Fighting Vehicles;

“(E) Stryker Combat Vehicles; and

“(F) any other items of equipment identified as high priority by the Chief of Staff of the Army or the Chief of the National Guard Bureau.”

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

SEC. 112. DEPLOYMENT BY THE ARMY OF AN INTERIM CRUISE MISSILE DEFENSE CAPABILITY.

(a) CERTIFICATION REQUIRED.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense shall certify to the congressional defense committees whether there is a need for the Army to deploy an interim missile defense capability.

(b) DEPLOYMENT.—

(1) IN GENERAL.—If the Secretary of Defense certifies that there is a need for the Army to deploy an interim missile de-

fense capability under subsection (a), the Secretary of the Army shall deploy the capability as follows:

(A) Two batteries of the capability shall be deployed by not later than September 30, 2020.

(B) Two additional batteries of the capability shall be deployed by not later than September 30, 2023.

(2) ACHIEVEMENT OF DEPLOYMENT DEADLINES.—In order to meet the deadlines for deployment specified in paragraph (1) the Secretary of the Army may—

(A) deploy systems that require the least amount of development;

(B) procure non-developmental air and missile defense systems currently in production to ensure rapid delivery of capability;

(C) use existing systems, components, and capabilities already in the Joint Force inventory, including rockets and missiles as available;

(D) use operational information technology for communication, detection, and fire control that is certified to work with existing joint information technology systems to ensure interoperability;

(E) engage and collaborate with officials, organizations, and activities of the Department of Defense with responsibilities relating to science and technology, engineering, testing, and acquisition, including the Defense Innovation United Experimental, the Director of Operational Test and Evaluation, the Defense Digital Service, the Strategic Capabilities Office, and the Rapid Capabilities offices, to accelerate the development, testing, and deployment of existing systems;

(F) use institutional and operational basing to facilitate rapid training and fielding;

(G) consider a range of direct energy weapon systems to compete for the 2023 deployment specified in paragraph (1)(B); and

(H) carry out such other activities as the Secretary determines to be appropriate.

(3) AUTHORITIES.—In carrying out paragraphs (1) and (2), Secretary of the Army may use any authority of the Secretary relating to acquisition, technology transfer, and personnel management that the Secretary considers appropriate, including rapid acquisition and rapid prototyping authorities, to resource and procure an interim missile defense capability.

(4) WAIVER.—The Secretary of the Army may waive the deadlines for deployment specified in paragraph (1) if the Secretary determines that sufficient funds have not been appropriated to enable the Secretary to meet such deadlines.

(c) IN GENERAL.—If the Secretary of the Army will deploy an interim missile defense capability pursuant to subsection (b), then, by not later than March 1, 2019, the Secretary, in consultation with the Chief of Staff of the Army, shall provide to the Committees on Armed Services of the Senate and the House of Representatives a briefing that includes—

(1) recommendations identifying any interim missile defense capabilities to be deployed and a proposed rapid acquisition schedule for such capabilities;

(2) a plan to rapidly resource any identified shortfalls for any such capability selected for deployment; and

(3) a schedule and timeline for the fielding and deployment of any such capability.

(d) *INTERIM MISSILE DEFENSE CAPABILITY DEFINED.*—In this section, the term “interim missile defense capability” means a fixed-site, cruise missile defense capability that may be deployed before the Indirect Fire Protection Capability of the Army becomes fully operational.

Subtitle C—Navy Programs

SEC. 121. PROCUREMENT AUTHORITY FOR FORD CLASS AIRCRAFT CARRIER PROGRAM.

(a) *CONTRACT AUTHORITY.*—

(1) *PROCUREMENT AUTHORIZED.*—The Secretary of the Navy may enter into one or more contracts, beginning with the fiscal year 2019 program year, for the procurement of one Ford class aircraft carrier to be designated CVN–81.

(2) *PROCUREMENT IN CONJUNCTION WITH CVN–80.*—The aircraft carrier authorized to be procured under paragraph (1) may be procured as an addition to the contract covering the Ford class aircraft carrier designated CVN–80 that is authorized to be constructed under section 121 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 120 Stat. 2104).

(b) *CERTIFICATION REQUIRED.*—A contract may not be entered into under subsection (a) unless the Secretary of Defense certifies to the congressional defense committees, in writing, not later than 30 days before entry into the contract, each of the following, which shall be prepared by the milestone decision authority for the Ford class aircraft carrier program:

(1) The use of such a contract will result in significant savings compared to the total anticipated costs of carrying out the program through annual contracts. In certifying cost savings under the preceding sentence, the Secretary shall include a written explanation of—

(A) the estimated obligations and expenditures by fiscal year for CVN–80 and CVN–81, by hull, without the authority provided in subsection (a);

(B) the estimated obligations and expenditures by fiscal year for CVN–80 and CVN–81, by hull, with the authority provided in subsection (a);

(C) the estimated cost savings or increase by fiscal year for CVN–80 and CVN–81, by hull, with the authority provided in subsection (a);

(D) the discrete actions that will accomplish such cost savings or avoidance; and

(E) the contractual actions that will ensure the estimated cost savings are realized.

(2) There is a reasonable expectation that throughout the contemplated contract period the Secretary of Defense will re-

quest funding for the contract at the level required to avoid contract cancellation.

(3) There is a stable design for the property to be acquired and that the technical risks associated with such property are not excessive.

(4) The estimates of both the cost of the contract and the anticipated cost avoidance through the use of a contract authorized under subsection (a) are realistic.

(5) The use of such a contract will promote the national security of the United States.

(6) During the fiscal year in which such contract is to be awarded, sufficient funds will be available to perform the contract in such fiscal year, and the future-years defense program (as defined under section 221 of title 10, United States Code) for such fiscal year will include the funding required to execute the program without cancellation.

(7) The contract will be a fixed price type contract.

(c) **USE OF INCREMENTAL FUNDING.**—With respect to a contract entered into under subsection (a), the Secretary of the Navy may use incremental funding to make payments under the contract. No such payments may be obligated after the date that is 11 months after the date on which the fitting out of the aircraft carrier associated with the contract is completed.

(d) **LIABILITY.**—A contract entered into under subsection (a) shall provide that the total liability to the Government for termination of the contract entered into shall be limited to the total amount of funding obligated at the time of termination.

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

(f) **MILESTONE DECISION AUTHORITY DEFINED.**—In this section, the term “milestone decision authority” has the meaning given that term in section 2366a(d) of title 10, United States Code.

SEC. 122. FULL SHIP SHOCK TRIAL FOR FORD CLASS AIRCRAFT CARRIER.

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

SEC. 123. SENSE OF CONGRESS ON ACCELERATED PRODUCTION OF AIRCRAFT CARRIERS.

It is the sense of Congress that the United States should accelerate the production of aircraft carriers to rapidly achieve the Navy’s goal of having 12 operational aircraft carriers.

SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR STANDARD MISSILE-6.

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

(b) **AUTHORITY FOR ADVANCE PROCUREMENT AND ECONOMIC ORDER QUANTITY.**—The Secretary may enter into one or more contracts for advance procurement associated with the missiles (including economic order quantity) for which authorization to enter into a multiyear procurement contract is provided under subsection (a).

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

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

SEC. 125. MULTIYEAR PROCUREMENT AUTHORITY FOR E-2D AIRCRAFT.

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

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

SEC. 126. MULTIYEAR PROCUREMENT AUTHORITY FOR F/A-18E/F AIRCRAFT AND EA-18G AIRCRAFT.

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

- (1) F/A-18E/F aircraft.
- (2) EA-18G aircraft.

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

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

SEC. 127. MODIFICATIONS TO F/A-18 AIRCRAFT TO MITIGATE PHYSIOLOGICAL EPISODES.

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

- (1) replacement of the F/A-18 cockpit altimeter;

(2) upgrade of the F/A–18 onboard oxygen generation system;

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

(4) installation of equipment associated with improved F/A–18 physiological monitoring and alert systems.

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

(c) **WAIVER.**—The Secretary of the Navy may waive the requirement to make a modification under subsection (a) if the Secretary certifies to the congressional defense committees that the specific modification is inadvisable and provides a detailed justification for excluding the modification from the Navy’s planned upgrades for the F/A–18 aircraft.

SEC. 128. FRIGATE CLASS SHIP PROGRAM.

(a) **IN GENERAL.**—As part of the solicitation for proposals for the procurement of any frigate class ship in any of fiscal years 2019, 2020, or 2021, the Secretary of the Navy shall require that offerors submit proposals under which the offeror agrees to convey technical data to the Federal Government in the event the offeror is awarded the frigate construction contract associated with the proposal.

(b) **TECHNICAL DATA DEFINED.**—In this section, the term “technical data” means a compilation of detailed engineering plans and specifications for the construction of a frigate class ship.

SEC. 129. CONTRACT REQUIREMENT FOR VIRGINIA CLASS SUBMARINE PROGRAM.

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

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

(2) by inserting after subsection (c), the following:

“(d) **CONTRACT REQUIREMENT.**—

“(1) **IN GENERAL.**—The Secretary of the Navy shall ensure that a contract entered into under subsection (a) includes an option to procure a Virginia class submarine in each of fiscal years 2022 and 2023.

“(2) **OPTION DEFINED.**—In this subsection, the term ‘option’ has the meaning given that term in part 2.101 of the Federal Acquisition Regulation.”.

SEC. 130. PROHIBITION ON AVAILABILITY OF FUNDS FOR NAVY PORT WATERBORNE SECURITY BARRIERS.

(a) **PROHIBITION.**—Except as provided in subsections (b) and (c), none of the funds authorized to be appropriated by this Act or otherwise made available for the Department of Defense for fiscal year 2019 may be obligated or expended to procure legacy waterborne security barriers for Navy ports.

(b) **WAIVER.**—The Secretary of the Navy may waive the prohibition in subsection (a) not less than 30 days after submitting to the congressional defense committees—

(1) a Navy requirements document that specifies key performance parameters and key system attributes for new waterborne security barriers for Navy ports;

(2) a certification that the level of capability specified under paragraph (1) will meet or exceed that of legacy waterborne security barriers for Navy ports;

(3) the acquisition strategy for the recapitalization of legacy waterborne security barriers for Navy ports, which shall meet or exceed the requirements specified under paragraph (1); and

(4) a certification that any contract for new waterborne security barriers for a Navy port will be awarded in accordance with the requirements for full and open competition set forth in section 2304 of title 10, United States Code.

(c) *EXCEPTION.*—The prohibition in subsection (a) shall not apply to any of the following activities:

(1) The sustainment, refurbishment, and replacement of portions of existing waterborne security barriers at Navy ports due to normal wear and tear.

(2) The procurement of new waterborne security barriers for Navy ports due to exigent circumstances.

SEC. 131. EXTENSION OF LIMITATION ON USE OF SOLE-SOURCE SHIP-BUILDING CONTRACTS FOR CERTAIN VESSELS.

Section 124 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328), as amended by section 127 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is further amended by striking “or fiscal year 2018” and inserting “, fiscal year 2018, or fiscal year 2019”.

SEC. 132. LIMITATION ON AVAILABILITY OF FUNDS FOR M27 INFANTRY AUTOMATIC RIFLE PROGRAM.

(a) *LIMITATION.*—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the M27 Infantry Automatic Rifle program of the Marine Corps, not more than 80 percent may be obligated or expended until the date on which the Commandant of the Marine Corps submits to the Committees on Armed Services of the Senate and the House of Representatives the assessment described in subsection (b).

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

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

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

SEC. 133. REPORT ON DEGAUSSING STANDARDS FOR DDG-51 DESTROYERS.

(a) *REPORT REQUIRED.*—Not later than February 1, 2019, the Secretary of the Navy shall submit to the congressional defense committees a report on degaussing standards for the DDG-51 destroyer.

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

- (1) a detailed description of the current degaussing standards for the DDG-51 destroyer;
- (2) a plan for incorporating such standards into the destroyer construction program; and
- (3) an assessment of the requirement to backfit such standards to in-service destroyers.

Subtitle D—Air Force Programs

SEC. 141. INVENTORY REQUIREMENT FOR AIR REFUELING TANKER AIRCRAFT; LIMITATION ON RETIREMENT OF KC-10A AIRCRAFT.

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

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

“(2) The Secretary of the Air Force may reduce the number of air refueling tanker aircraft in the total aircraft inventory of the Air Force below 479 only if—

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

“(B) a period of 30 days has elapsed following the date on which the certification is made to the congressional defense committees under subparagraph (A).

“(3) In this subsection:

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

“(B) The term ‘total aircraft inventory’ means aircraft authorized to a flying unit for operations or training.”.

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

(1) **IN GENERAL.**—None of the funds authorized to be appropriated by this Act or otherwise made available for any fiscal year for the Air Force may be obligated or expended to retire, or to prepare to retire, any KC-10A aircraft until the date that is 30 days after the date on which the Secretary of the Air Force certifies to the congressional defense committees that Secretary has met the minimum inventory requirement under section 8062(j) of title 10, United States Code, as added by subsection (a) of this section.

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

SEC. 142. MULTIYEAR PROCUREMENT AUTHORITY FOR C-130J AIRCRAFT PROGRAM.

(a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—Subject to section 2306b of title 10, United States Code, the Secretary of the Air

Force may enter into one or more multiyear contracts, beginning with the fiscal year 2019 program year, for the procurement of—

- (1) C-130J aircraft for the Air Force; and
 - (2) C-130J aircraft for the Navy and the Marine Corps pursuant to the agreement described in subsection (b).
- (b) *AGREEMENT DESCRIBED.*—The agreement described in this subsection is the agreement between the Secretary of the Navy and the Secretary of the Air Force under which the Secretary of the Air Force acts as the executive agent for the Department of the Navy for purposes of procuring C-130J aircraft for such Department.

(c) *AUTHORITY FOR ADVANCE PROCUREMENT AND ECONOMIC ORDER QUANTITY.*—The Secretary of the Air Force may enter into one or more contracts for advance procurement associated with the C-130J aircraft, including economic order quantity, for which authorization to enter into a multiyear procurement contract is provided under subsection (a).

(d) *CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.*—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations for that purpose for such later fiscal year.

(e) *TREATMENT OF FISCAL YEAR 2018 AIRCRAFT.*—The multiyear contract authority under subsection (a) includes C-130J aircraft for which funds were appropriated for fiscal year 2018.

SEC. 143. CONTRACT FOR LOGISTICS SUPPORT FOR VC-25B AIRCRAFT.

The Secretary of the Air Force shall—

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

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

SEC. 144. RETIREMENT DATE FOR VC-25A AIRCRAFT.

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

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

SEC. 145. REPEAL OF FUNDING RESTRICTION FOR EC-130H COMPASS CALL RECAPITALIZATION PROGRAM.

Section 131 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2037) is repealed.

SEC. 146. LIMITATION ON USE OF FUNDS FOR KC-46A AIRCRAFT PENDING SUBMITTAL OF CERTIFICATION.

(a) *CERTIFICATION REQUIRED.*—The Secretary of the Air Force shall submit to the congressional defense committees certification that, as of the date of the certification—

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

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

(b) **LIMITATION ON USE OF FUNDS.—**

(1) **LIMITATION.—***Notwithstanding any other provision of this Act, none of the funds authorized to be appropriated or otherwise made available by this Act for fiscal year 2019 for Aircraft Procurement, Air Force, may be obligated or expended to procure the covered aircraft until the Secretary of the Air Force submits the certification required under subsection (a).*

(2) **COVERED AIRCRAFT DEFINED.—***In this subsection, the term “covered aircraft” means three of the KC-46A aircraft authorized to be procured by this Act.*

SEC. 147. LIMITATION ON AVAILABILITY OF FUNDS FOR RETIREMENT OF E-8 JSTARS AIRCRAFT.

(a) **LIMITATION ON AVAILABILITY OF FUNDS FOR RETIREMENT.—***Except as provided in subsection (b), none of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 or any subsequent fiscal year for the Air Force may be obligated or expended to retire, or prepare to retire, any E-8 Joint Surveillance Target Attack Radar System aircraft until the date on which the Secretary of the Defense certifies to the congressional defense committees that Increment 2 of the Advanced Battle-Management System of the Air Force has declared initial operational capability as defined in the Capability Development Document for the System.*

(b) **EXCEPTION.—***The limitation in subsection (a) shall not apply to individual E-8C Joint Surveillance Target Attack Radar System aircraft that the Secretary of the Air Force determines, on a case-by-case basis, to be no longer mission capable because of mishaps, other damage, or being uneconomical to repair.*

(c) **CERTIFICATION REQUIRED.—***Not later than March 1, 2019, the Secretary of Defense, on a nondelegable basis, shall certify to the congressional defense committees that—*

(1) *the Secretary of the Air Force is taking all reasonable steps to ensure the legacy E-8C Joint Surveillance Target Radar System aircraft that the Air Force continues to operate meet all safety requirements;*

(2) *the Secretary of the Air Force has developed and implemented a funding strategy to increase the operational and maintenance availability of the legacy E-8C Joint Surveillance Target Radar System aircraft that the Air Force continues to operate;*

(3) *the Advanced Battle-Management System Increment 1, 2, and 3 acquisition and fielding strategy is executable and that sufficient funds will be available to achieve all elements of the System as described in the Capability Development Document for the System; and*

(4) *in coordination with each separate geographic combatant commander, that the Secretary of the Air Force is implementing defined and measurable actions to meet the operational planning and steady-state force presentation requirements for Ground-Moving Target Indicator intelligence and Battle-Management, Command and Control towards a moderate level of risk until Increment 2 of the Advanced Battle-Management System declares initial operational capability.*

(d) GAO REPORT AND BRIEFING.—

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

(A) the technologies that compose the capability and the level of maturation of such technologies;

(B) the resources budgeted for the capability;

(C) the fielding plan for the capability;

(D) any risk assessments associated with the capability;

and

(E) the overall acquisition strategy for the capability.

(2) INTERIM BRIEFING.—Not later than March 1, 2019, the Comptroller General of the United States shall provide to the Committees on Armed Services of the House of Representatives and the Senate a briefing on the topics to be covered by the report under paragraph (1), including any preliminary data and any issues or concerns of the Comptroller General relating to the report.

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

(1) the modernization and sustainment strategy, and associated costs, for the airframe and mission systems that will be used to maintain the legacy fleet of such aircraft until the planned retirement of the aircraft; and

(2) a plan that will provide combatant commanders with an increased level of E-8C force support.

(f) E-8C FORCE PRESENTATION REQUIREMENT.—

(1) IN GENERAL.—Beginning not later than October 1, 2020, and until the retirement of the E-8C aircraft fleet, the Secretary of the Air Force shall provide not fewer than 6 dedicated E-8C aircraft each fiscal year for allocation to the geographical combatant commanders through the Intelligence, Surveillance, and Reconnaissance Global Force Management Allocation Process.

(2) EXCEPTION.—If the Secretary of the Air Force is unable to meet the requirements of paragraph (1), the Secretary of Defense, on a nondelegable basis, may waive the requirements for a fiscal year and shall provide to the congressional defense committees a notice of waiver issuance and justification.

(g) AIR FORCE BRIEFING REQUIREMENT.—Beginning not later than October 1, 2018, and on a quarterly basis thereafter, the Secretary of the Air Force shall provide to the congressional defense committees a program update briefing on the Advanced Battle-Management System of the Air Force, and all associated technologies.

SEC. 148. REPORT ON MODERNIZATION OF B-52H AIRCRAFT SYSTEMS.

(a) REPORT REQUIRED.—Not later than 180 days after the date of the enactment of this Act, the Secretary of the Air Force shall submit to the congressional defense committees a report on the long term modernization of the B-52H aircraft.

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

- (1) an estimated timeline for the modernization of the B-52H aircraft; and
- (2) modernization requirements with respect to the integrated systems of the aircraft, including—
 - (A) electronic warfare and defensive systems;
 - (B) communications, including secure jam resistant capability;
 - (C) radar replacement;
 - (D) engine replacement;
 - (E) future weapons and targeting capability; and
 - (F) mission planning systems.

Subtitle E—Defense-wide, Joint, and Multiservice Matters

SEC. 151. PROCUREMENT AUTHORITY FOR ADDITIONAL ICEBREAKER VESSELS.

(a) **PROCUREMENT AUTHORITY.**—

(1) *IN GENERAL.*—In addition to the icebreaker vessel authorized to be procured under section 122(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), the Secretary of the department in which the Coast Guard is operating may enter into one or more contracts for the procurement of up to five additional polar-class icebreaker vessels.

(2) **CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.**—A contract entered into under paragraph (1) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations or funds for that purpose for such later fiscal year.

(b) **SENSE OF CONGRESS.**—It is the sense of Congress that the Coast Guard should maintain an inventory of not fewer than six polar-class icebreaker vessels beginning not later than fiscal year 2029 and, to achieve such inventory, should—

(1) award a contract for the first new polar-class icebreaker not later than fiscal year 2019;

(2) deliver the first new polar-class icebreaker not later than fiscal year 2023;

(3) start construction on the second through sixth new polar-class icebreakers at a rate of one vessel per year in fiscal years 2022 through 2026; and

(4) accept delivery of the second through sixth new polar-class icebreakers at a rate of one vessel per year in fiscal years 2025 through 2029.

SEC. 152. BUY-TO-BUDGET ACQUISITION OF F-35 AIRCRAFT.

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

SEC. 153. CERTIFICATION ON INCLUSION OF TECHNOLOGY TO MINIMIZE PHYSIOLOGICAL EPISODES IN CERTAIN AIRCRAFT.

(a) **CERTIFICATION REQUIRED.**—Not later than 15 days before entering into a contract for the procurement of a covered aircraft,

the Secretary concerned shall submit to the congressional defense committees a written statement certifying that the aircraft to be procured under the contract will include the most recent technological advancements necessary to minimize the impact of physiological episodes on aircraft crewmembers.

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

(1) determines the waiver is required in the interest of national security; and

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

(c) TERMINATION.—The requirement to submit a certification under subsection (a) shall terminate on September 30, 2021.

(d) DEFINITIONS.—In this section:

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

(2) The term “Secretary concerned” means—

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

(B) the Secretary of the Air Force, with respect to covered aircraft of the Air Force.

SEC. 154. ARMORED COMMERCIAL PASSENGER-CARRYING VEHICLES.

(a) IMPLEMENTATION OF GAO RECOMMENDATIONS.—In accordance with the recommendations of the Government Accountability Office in the report titled “Armored Commercial Vehicles: DOD Has Procurement Guidance, but Army Could Take Actions to Enhance Inspections and Oversight” (GAO-17-513), not later than 180 days after the date of the enactment of this Act, the Secretary of Army shall—

(1) ensure that in-progress inspections are conducted at the armoring vendor’s facility for each procurement of an armored commercial passenger-carrying vehicles until the date on which the Secretary of Defense approves and implements an updated armoring and inspection standard for such vehicles; and

(2) designate a central point of contact for collecting and reporting information on armored commercial passenger-carrying vehicles (such as information on contracts execution and vehicle inspections).

(b) BRIEFING REQUIRED.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall provide to the congressional defense committees a briefing on the progress of the Secretary in implementing Department of Defense Instruction O–2000.16 Volume 1, dated November 2016, with respect to armored commercial passenger-carrying vehicles, including—

(1) whether criteria for the procurement of such vehicles have been established and distributed to the relevant components of the Department; and

(2) whether a process is in place for ensuring that the relevant components of the Department incorporate those criteria into contracts for such vehicles.

SEC. 155. QUARTERLY UPDATES ON THE F-35 JOINT STRIKE FIGHTER PROGRAM.

(a) *IN GENERAL.*—Beginning not later than October 1, 2018, and on a quarterly basis thereafter through October 1, 2022, the Under Secretary of Defense for Acquisition and Sustainment shall provide to the congressional defense committees a briefing on the progress of the F-35 Joint Strike Fighter program.

(b) *ELEMENTS.*—Each briefing under subsection (a) shall include, with respect to the F-35 Joint Strike Fighter program, the following elements:

- (1) An overview of the program schedule.
- (2) A description of each contract awarded under the program, including a description of the type of contract and the status of the contract.
- (3) An assessment of the status of the program with respect to—
 - (A) modernization;
 - (B) modification;
 - (C) testing;
 - (D) delivery;
 - (E) sustainment;
 - (F) program management; and
 - (G) efforts to ensure that excessive sustainment costs do not threaten the ability of the Department of Defense to purchase the required number of aircraft.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Subtitle A—Authorization of Appropriations

Sec. 201. *Authorization of appropriations.*

Subtitle B—Program Requirements, Restrictions, and Limitations

- Sec. 211. *Modification of authority to carry out certain prototype projects.*
- Sec. 212. *Extension of directed energy prototype authority.*
- Sec. 213. *Prohibition on availability of funds for the Weather Common Component program.*
- Sec. 214. *Limitation on availability of funds for F-35 continuous capability development and delivery.*
- Sec. 215. *Limitation on availability of funds pending report on agile software development and software operations.*
- Sec. 216. *Limitation on availability of funds for certain high energy laser advanced technology.*
- Sec. 217. *Plan for the Strategic Capabilities Office of the Department of Defense.*
- Sec. 218. *National Defense Science and Technology Strategy.*
- Sec. 219. *Modification of CVN-73 to support fielding of MQ-25 unmanned aerial vehicle.*
- Sec. 220. *Establishment of innovators information repository in the Department of Defense.*
- Sec. 221. *Strategic plan for Department of Defense test and evaluation resources.*
- Sec. 222. *Collaboration between Defense laboratories, industry, and academia; open campus program.*
- Sec. 223. *Permanent extension and codification of authority to conduct technology protection features activities during research and development of defense systems.*
- Sec. 224. *Codification and reauthorization of Defense Research and Development Rapid Innovation Program.*
- Sec. 225. *Procedures for rapid reaction to emerging technology.*
- Sec. 226. *Activities on identification and development of enhanced personal protective equipment against blast injury.*
- Sec. 227. *Human factors modeling and simulation activities.*

TITLE XLI—PROCUREMENT

SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT (In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
AIRCRAFT PROCUREMENT, ARMY											
FIXED WING											
002	UTILITY F/W AIRCRAFT		744		744		744				744
003	MQ-1 UAV		43,326		103,326		43,326		60,000		103,326
	MQ-1 Gray Eagle Service Life Extension Program				160,000				[60,000]		
004	MQ-11 (RAVEN)		46,416		46,416		46,416				46,416
ROTARY											
007	AH-64 APACHE BLOCK IIIA REMAN	48	753,248	48	753,248	48	753,248			48	753,248
008	ADVANCE PROCUREMENT (CY)		174,550		174,550		174,550				174,550
009	AH-64 APACHE BLOCK IIIB NEW BUILD	12	284,687	12	284,687	12	284,687		168,000	18	452,687
	Additional AH-64Es to address ARNG shortfalls	[6]	[192,000]	[6]	[192,000]				[6]	[168,000]	
	Realignment to cover ARNG shortfalls	[-6]	[-192,000]	[-6]	[-192,000]						
010	ADVANCE PROCUREMENT (CY)		58,600		58,600		58,600				58,600
011	UH-60 BLACKHAWK III MODEL (MYP)	49	988,810	54	1,073,810	49	988,810	5	85,000	54	1,073,810
	Additional UH-60Ms for ARNG	[5]	[85,000]	[5]	[85,000]				[5]	[85,000]	
012	ADVANCE PROCUREMENT (CY)		106,150		106,150		106,150				106,150
013	UH-60 BLACK HAWK A AND L MODELS	18	146,138	18	146,138	18	146,138			18	146,138
014	CH-47 HELICOPTER	6	99,278	6	99,278	6	99,278			6	99,278
015	ADVANCE PROCUREMENT (CY)		24,235		24,235		24,235				24,235
MODIFICATION OF AIRCRAFT											
018	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS)		27,114		27,114		27,114				27,114
019	GRAY EAGLE MODS2		97,781		97,781		97,781				97,781
020	MULTI SENSOR ABN RECON (MIP)		52,274		66,274		52,274		14,000		66,274
	Army UFR; program increase				[14,000]				[14,000]		
021	AH-64 MODS		104,996		104,996		104,996				104,996
022	CH-47 CARGO HELICOPTER MODS (MYP)		7,807		7,807		7,807				7,807

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
023	GRCS SEMA MODS (MIP)		5,573		5,573		5,573				5,573
024	ARL SEMA MODS (MIP)		7,522		7,522		7,522				7,522
025	EMARSS SEMA MODS (MIP)		20,448		20,448		20,448				20,448
026	UTILITY/CARGO AIRPLANE MODS		17,719		17,719		17,719				17,719
027	UTILITY HELICOPTER MODS		6,443		6,443		6,443		10,000		16,443
	UH-72A Life-Cycle Sustainability				[10,000]						[10,000]
028	NETWORK AND MISSION PLAN		123,614		123,614		123,614				123,614
029	COMMS. NAV SURVEILLANCE		161,969		161,969		161,969				161,969
030	DEGRADED VISUAL ENVIRONMENT		30,000		30,000		30,000				30,000
031	GATM ROLLUP		26,848		26,848		26,848				26,848
032	RQ-7 UAV MODS		103,246		103,246		103,246				103,246
	Realignment of EDI AFS Unit Set from OCO to Base				[50,868]						
033	UAS MODS		17,644		17,644		17,644				17,644
	Realignment of EDI AFS Unit Set from OCO to Base				[3,402]						
	GROUND SUPPORT AIDONICS										
034	AIRCRAFT SURVIVABILITY EQUIPMENT		57,170		57,170		57,170				57,170
035	SURVIVABILITY CM		5,853		5,853		5,853				5,853
036	CMWS		13,496		13,496		13,496				13,496
037	COMMON INFRARED COUNTERMEASURES (CIRC)		36,839		36,839		36,839				36,839
	OTHER SUPPORT										
038	AVIONICS SUPPORT EQUIPMENT		1,778		1,778		1,778				1,778
039	COMMON GROUND EQUIPMENT		34,818		34,818		34,818				34,818
040	AIRCREW INTEGRATED SYSTEMS		27,243		27,243		27,243				27,243
041	AIR TRAFFIC CONTROL		63,872		63,872		63,872				63,872
042	INDUSTRIAL FACILITIES		1,417		1,417		1,417				1,417
043	LAUNCHER, 2.75 ROCKET		1,901		1,901		1,901				1,901
044	LAUNCHER GUIDED MISSILE: LONGBOW HELIFIRE XM2		991		991		991				991
	TOTAL AIRCRAFT PROCUREMENT, ARMY	133	3,782,558	138	4,005,828	133	3,782,558	11	337,000	144	4,119,558
	MISSILE PROCUREMENT, ARMY										
	SURFACE-TO-AIR MISSILE SYSTEM										
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD)	179	871,276	179	1,131,276	179	1,131,276			179	1,131,276
002	MSE MISSILE		111,395		111,395		111,395				111,395

003	Realignment of EDI AFS Unit Set from OCO to Base INDIRECT FIRE PROTECTION CAPABILITY INC 2-I Interim cruise missile defense	145,636	[260,000] 145,636	645,636 [500,000]	87,000 [87,000]	232,636
004	ADVANCE PROCUREMENT (CY) Ahead of need	31,286	31,286	31,286	-3,700 [-3,700]	27,586
006	AIR-TO-SURFACE MISSILE SYSTEM JOINT AIR-TO-GROUND MSLS (JAGM) Unit cost and engineering services cost growth	1,046	248,862 [-27,600]	276,462	-27,600 [-27,600]	248,862
008	ANTI-TANK/ASSAULT MISSILE SYS JAVELIN (AAMS-M) SYSTEM SUMMARY Forward financed in the FY18 Omnibus for command launch units.	709	267,465 [-50,000]	303,665	-84,000 [-84,000]	219,665
009	Realignment of EDI AFS Unit Set from OCO to Base TOW 2 SYSTEM SUMMARY	1,472	[13,800] 105,014	105,014	1,472	105,014
010	ADVANCE PROCUREMENT (CY)	19,949	19,949	19,949		19,949
011	GUIDED MLRS ROCKET (GMLRS) Forward financed in the FY18 Omnibus	3,267	329,613 [-30,000]	359,613	-30,000 [-30,000]	329,613
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	2,214	20,964	20,964		20,964
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) Realignment of EDI AFS Unit Set from OCO to Base	2,214	171,138 [171,138]	20,964		2,214
015	MODIFICATIONS PATRIOT MODS Increase PATRIOT Mod efforts	313,228	333,228 [20,000]	313,228	10,000 [10,000]	323,228
016	ATACMS MODS Realignment of EDI AFS Unit Set from OCO to Base Requested quantity exceeds maximum	221,656	236,656 [80,000]	141,656	-79,800 [-79,800]	141,856
017	GMLRS MOD	266	266	266		266
018	STINGER MODS	94,756	94,756	94,756		94,756
019	AVENGER MODS	48,670	48,670	48,670		48,670
020	ITAS/TOW MODS	3,173	3,173	3,173		3,173
021	MLRS MODS Realignment of EDI AFS Unit Set from OCO to Base	383,216	505,216 [122,000]	383,216		383,216
022	HIMARS MODIFICATIONS	10,196	10,196	10,196		10,196
023	SPARES AND REPAIR PARTS SPARES AND REPAIR PARTS	27,737	27,737	27,737		27,737
024	SUPPORT EQUIPMENT & FACILITIES AIR DEFENSE TARGETS	6,417	6,417	6,417		6,417
025	PRODUCTION BASE SUPPORT TOTAL MISSILE PROCUREMENT, ARMY	8,887	3,850,115 8,887	3,175,777 8,805	-128,100 8,887	3,227,677

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
PROCUREMENT OF WTCV, ARMY											
TRACKED COMBAT VEHICLES											
001	BRADLEY PROGRAM				205,000						
	Realignment of EDI APS Unit Set from OCO to Base				[205,000]						
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	131	479,801	131	710,160	131	379,801		-31,148	131	448,653
	Program decrease						[-100,000]		[-31,148]		
	Realignment of EDI APS Unit Set from OCO to Base				[230,359]						
004	MODIFICATION OF TRACKED COMBAT VEHICLES				138,190		138,100		-149,300		138,190
	STRYKER (MOD)				[-149,300]		[-149,300]		[-149,300]		[-149,300]
	Army requested realignment to WTCV-5				360,000	3	171,290		203,400	69	225,300
005	STRYKER UPGRADE	3	21,900	113	[188,800]				[54,100]		
	A1 conversions for 5th SBCT			[61]					[49]		
	Army requested realignment—A1 conversions for 5th SBCT			[49]					[-149,300]		
006	BRADLEY PROGRAM (MOD)		625,424		675,424		301,424		[-160,000]		465,424
	Program decrease						[-324,000]				
	Realignment of EDI APS Unit Set from OCO to Base				[50,000]						
007	M109 FOV MODIFICATIONS		26,482		26,482		26,482				26,482
008	PALADIN INTEGRATED MANAGEMENT (PIM)	30	351,802	30	493,802	30	461,802	9	110,000	39	461,802
	Program increase				[75,000]		[-110,000]		[9]		[-110,000]
	Realignment of EDI APS Unit Set from OCO to Base				[67,000]						
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	26	110,500	26	152,854	26	110,500			26	110,500
	Program decrease				[42,354]						
010	ASSAULT BRIDGE (MOD)		2,120		2,120		2,120				2,120
011	ASSAULT BREACHER VEHICLE	12	62,407	12	62,407	12	62,407			12	62,407
012	M88 FOV MODS		4,517		4,517		4,517				4,517
013	JOINT ASSAULT BRIDGE	30	142,255	30	142,255	30	142,255			30	142,255
014	M1 ABRAMS TANK (MOD)		927,600		961,600		927,600				927,600
	Realignment of EDI APS Unit Set from OCO to Base				[34,000]						
015	ABRAMS UPGRADE PROGRAM	95	1,075,999	95	1,530,999	95	1,075,999			95	1,075,999
	Program decrease				[455,000]						
	Realignment of EDI APS Unit Set from OCO to Base										
WEAPONS & OTHER COMBAT VEHICLES											
018	M240 MEDIUM MACHINE GUN (7 62MM)		1,955		7,081		1,955		5,000		6,955
	Program Increase—M240L and M240B				[5,000]				[5,000]		

019	Realignm of EDI APS Unit Set from OCO to Base	23,345	[126]	23,345	23,345	23,345
020	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S	7,434	23,345	7,434	7,434	7,434
021	GUN AUTOMATIC 30MM M230	22,330	7,434	22,330	22,330	22,330
022	MACHINE GUN, CAL. 50 M2 ROLL	12,470	22,330	12,470	12,470	12,470
023	MORTAR SYSTEMS	697	12,650	697	697	697
024	Realignm of EDI APS Unit Set from OCO to Base	46,236	[180]	46,236	46,236	46,236
025	XM320 GRENADE LAUNCHER MODULE (GLM)	69,306	697	69,306	69,306	69,306
026	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	71,106	46,236	71,106	71,106	71,106
027	CARBINE	1,800	[1,800]	1,800	1,800	1,800
028	Realignm of EDI APS Unit Set from OCO to Base	7,929	7,929	7,929	7,929	7,929
029	SMALL ARMS—FIRE CONTROL	39,346	7,929	39,346	39,346	39,346
030	COMMON REMOTELY OPERATED WEAPONS STATION	35,968	39,346	35,968	35,968	35,968
031	Realignm of EDI APS Unit Set from OCO to Base	48,251	[3,378]	48,251	48,251	48,251
032	HANDGUN	1,684	48,251	1,684	1,684	1,684
033	MOD OF WEAPONS AND OTHER COMBAT VEH	3,086	1,684	3,086	3,086	3,086
034	MK-19 GRENADE MACHINE GUN MODS	31,575	3,086	31,575	31,575	31,575
035	M777 MODS	4,200	31,575	4,200	4,200	4,200
036	M4 CARBINE MODS	[4,200]	[4,200]	[4,200]	[4,200]	[4,200]
037	Additional free-float forward extended rails	26,520	4,200	26,520	26,520	26,520
038	M2 50 CAL MACHINE GUN MODS	[4,920]	26,520	[4,920]	26,520	26,520
039	Realignm of EDI APS Unit Set from OCO to Base	3,924	3,924	3,924	3,924	3,924
040	M249 SAW MACHINE GUN MODS	6,940	6,940	6,940	6,940	6,940
041	M240 MEDIUM MACHINE GUN MODS	2,747	[7]	2,747	2,747	2,747
042	Realignm of EDI APS Unit Set from OCO to Base	5,704	2,747	5,704	5,704	5,704
043	SNIPER RIFLES MODIFICATIONS	3,965	5,704	3,965	3,965	3,965
044	M119 MODIFICATIONS	5,577	3,965	5,577	5,577	5,577
045	MORTAR MODIFICATION	3,174	5,577	3,174	3,174	3,174
046	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	4,571	3,174	4,571	4,571	4,571
047	SUPPORT EQUIPMENT & FACILITIES	[1,397]	4,571	[1,397]	4,571	4,571
048	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	3,284	[1,397]	3,284	3,284	3,284
049	Realignm of EDI APS Unit Set from OCO to Base	1,640	3,284	1,640	1,640	1,640
050	PRODUCTION BASE SUPPORT (WOCV-WTCV)	1,640	1,640	1,640	1,640	1,640
051	SMALL ARMS EQUIPMENT (SOLDIER ENH PROGS)	437	1,640	437	1,640	1,640
052	TOTAL PROCUREMENT OF W&TCV, ARMY	327	4,489,118	327	4,489,118	4,471,270
053	PROCUREMENT OF AMMUNITION, ARMY	41,848	437	41,848	437	437
054	SMALL/MEDIUM CAL AMMUNITION	35,148	41,848	35,148	41,848	41,848
055	CTG, 5.56MM, ALL TYPES	[-6,700]	35,148	[-6,700]	35,148	35,148
056	FY2018 Omnibus forward finance	[3,392]	[-6,700]	[3,392]	[-6,700]	[-6,700]
057	Realignm of EDI APS Unit Set from OCO to Base	75	[3,392]	75	75	75
058	TOTAL	402	5,857,639	402	4,175,118	4,471,270
059	TOTAL	-17,848	402	-17,848	402	402

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
002	CTG, 7.62MM, ALL TYPES		86,199		86,239		86,199				86,199
	Realignment of EDI APS Unit Set from OCO to Base				[40]						
003	CTG, HANDGUN, ALL TYPES		20,158		20,175		20,158				20,158
	Realignment of EDI APS Unit Set from OCO to Base				[17]						
004	CTG, .50 CAL, ALL TYPES		65,573		65,762		65,573				65,573
	Realignment of EDI APS Unit Set from OCO to Base				[189]						
005	CTG, 20MM, ALL TYPES		8,198		8,198		8,198				8,198
007	CTG, 30MM, ALL TYPES		77,995		102,995		77,995				77,995
	Realignment of EDI APS Unit Set from OCO to Base				[25,000]						
008	CTG, 40MM, ALL TYPES		69,781		69,781		69,781				69,781
	MORTAR AMMUNITION										
009	60MM MORTAR, ALL TYPES		45,280		45,498		45,280				45,280
	Realignment of EDI APS Unit Set from OCO to Base				[218]						
010	81MM MORTAR, ALL TYPES		46,853		47,337		46,853				46,853
	Realignment of EDI APS Unit Set from OCO to Base				[484]						
011	120MM MORTAR, ALL TYPES		83,003		83,003		83,003				83,003
	TANK AMMUNITION										
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES		168,101		168,101		168,101				168,101
	ARTILLERY AMMUNITION										
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES		39,341		39,341		39,341				39,341
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES		211,442		290,842		211,442				211,442
	Realignment of EDI APS Unit Set from OCO to Base				[79,400]						
015	PROJ 155MM EXTENDED RANGE M982	1,189	100,906	1,189	152,606	1,189	100,906			1,189	100,906
	Realignment of EDI APS Unit Set from OCO to Base				[51,700]						
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL		236,677		268,577		136,677				206,677
	Program decrease				[-17,000]						
	Realignment of EDI APS Unit Set from OCO to Base				[48,900]						
	MINES										
017	MINES & CLEARING CHARGES, ALL TYPES		15,905		15,905		15,905				15,905
	ROCKETS										
018	SHOULDER LAUNCHED MUNITIONS, ALL TYPES		4,503	1,572	31,745	4,503	4,503	1572	25,000	1,572	29,503
	Army UFR, bunker defeat munitions			[1,572]	[25,000]			[1,572]	[25,000]		
	Realignment of EDI APS Unit Set from OCO to Base				[2,242]						

019	ROCKET, HYDRA 70, ALL TYPES	211,211	20,000	241,211	211,211	20,000	30,000	20,000	241,211
	Army UFR: additional HYDRA rockets		[20,000]	[30,000]		[20,000]	[30,000]		
	OTHER AMMUNITION								
020	CADPAD, ALL TYPES	10,428		10,428	10,428				10,428
021	DEMOLITION MUNITIONS, ALL TYPES	44,656		44,656	44,656				44,656
	Realignment of EDI APS Unit Set from OCO to Base			(5)					
022	GRENADES, ALL TYPES	19,896		19,904	19,896				19,896
	Realignment of EDI APS Unit Set from OCO to Base			(8)					
023	SIGNALS, ALL TYPES	10,121		10,121	10,121				10,121
024	SIMULATORS, ALL TYPES	11,464		11,464	11,464				11,464
	MISCELLANEOUS								
025	AMMO COMPONENTS, ALL TYPES	5,224		5,224	5,224				5,224
026	NON-LETHAL AMMUNITION, ALL TYPES	4,310		4,310	4,310				4,310
027	ITEMS LESS THAN \$5 MILLION (AMMO)	11,193		11,259	11,193				11,193
	Realignment of EDI APS Unit Set from OCO to Base			(66)					
028	AMMUNITION PECULIAR EQUIPMENT	10,500		10,500	10,500				10,500
029	FIRST DESTINATION TRANSPORTATION (AMMO)	18,456		18,456	18,456				18,456
030	CLOSEOUT LIABILITIES	100		100	100				100
	PRODUCTION BASE SUPPORT								
032	INDUSTRIAL FACILITIES	394,133		394,133	394,133				394,133
033	CONVENTIONAL MUNITIONS DEMILITARIZATION	157,535		157,535	157,535				157,535
034	ARMS INITIATIVE	3,771		3,771	3,771				3,771
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	1,189	22,761	2,484,422	1,189	21,572	25,000	22,761	2,259,761
	OTHER PROCUREMENT, ARMY								
	TACTICAL VEHICLES								
001	TACTICAL TRAILERS/DOLLY SETS	16,512		16,512	16,512				16,512
002	SEMITRAILERS, FLATBED:	16,951		24,951	16,951				16,951
	Realignment of EDI APS Unit Set from OCO to Base			(8,000)					
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	50,123		70,883	50,123				50,123
	Realignment of EDI APS Unit Set from OCO to Base			(20,770)					
004	GROUND MOBILITY VEHICLES (GMV)	46,988		36,988	46,988				42,695
	Unobligated Balances			(-10,000)			-4,293		
005	ARNG HMMWV MODERNIZATION PROGRAM			25,000			(-4,293)		25,000
	Additional HMMWVs			(25,000)			(25,000)		
006	JOINT LIGHT TACTICAL VEHICLE	1,319,436		1,319,436	1,069,436		-32,036		1,287,400
	Program reduction				(-250,000)				
007	TRUCK, DUMP, 20T (GCE)	6,480		6,480	6,480				6,480
008	FAMILY OF MEDIUM TACTICAL VEH (FMV)	132,882		132,882	132,882				132,882
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	14,842		14,842	14,842				14,842

SEC. 4101. PROCUREMENT
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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)		138,105		253,505		138,105		-15,219		122,886
	CLS contract award delay				[115,400]				[-15,219]		
012	Realignment of EDI APS Unit Set from OCO to Base		31,892		38,574		31,892		-1,514		30,378
	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV				[6,682]						
	Realignment of EDI APS Unit Set from OCO to Base										
	Unit cost growth										
013	TACTICAL WHEELED VEHICLE PROTECTION KITS		38,128		88,128		38,128		[-1,514]		38,128
	Realignment of EDI APS Unit Set from OCO to Base				[50,000]						
014	MODIFICATION OF IN SVC EQUIP		78,507		78,884		78,507				78,507
	Realignment of EDI APS Unit Set from OCO to Base				[377]						
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS				27,000						
	SFAB emerging requirements				[27,000]						
	NON-TACTICAL VEHICLES										
016	HEAVY ARMORED VEHICLE		790		790		790				790
017	PASSENGER CARRYING VEHICLES		1,390		1,390		1,390				1,390
018	NON-TACTICAL VEHICLES, OTHER		15,415		15,415		15,415				15,415
	COMM—JOINT COMMUNICATIONS										
020	SIGNAL MODERNIZATION PROGRAM		150,777		150,777		150,777		-60,850		89,927
	Requirement funded in fiscal year 2018								[-41,000]		
	SBU USAT and gateway unjustified request								[-19,850]		
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC		469,117		533,117		469,117		50,250		519,367
	Additional TCN-L, NOSC-L, and next generation embedded				[64,000]				[56,000]		
	kits for IBCTs and SBCTs.										
	Program management excess growth								[-5,750]		
022	SITUATION INFORMATION TRANSPORT		62,727		62,727		62,727				62,727
023	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY		13,895		13,895		13,895				13,895
024	JCSF EQUIPMENT (USREDCOM)		4,866		4,866		4,866				4,866
	COMM—SATELLITE COMMUNICATIONS										
027	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS		108,133		108,133		108,133				108,133
028	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS		56,737		56,737		56,737				56,737
029	SHF TERM		13,100		13,100		13,100				13,100
030	SMART-T (SPACE)		9,160		9,160		9,160				9,160
031	GLOBAL BROADCAST SVC—GBS		25,647		25,647		25,647				25,647

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(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Realignment of EDI APS Unit Set from OCO to Base				[9,050]						
	ELECT EQUIP—TACT INT REL ACT (TIARA)										
066	JT/CIBS-M (MIP)		10,268		10,268		10,268				10,268
068	DCGS-A (MIP)		261,863		261,863		261,863				261,863
069	JOINT TACTICAL GROUND STATION (JTGS) (MIP)		5,434		5,434		5,434				5,434
070	TROJAN (MIP)		20,623		21,223		20,623				20,623
071	Realignment of EDI APS Unit Set from OCO to Base		45,998		[600]		47,798				45,998
	MOD OF IN-SYC EQUIP (INTEL SPT) (MIP)						(1,800)				
	SOUTHCOM SIGINT Suite COMSAT RF						296				296
072	CI HUMINT AUTO REPTING & COLL(CHARGCS)(MIP)		296		296		296				296
076	ITEMS LESS THAN \$5.0M (MIP)		410		410		410				410
077	ELECT EQUIP—ELECTRONIC WARFARE (EW)										
078	LIGHTWEIGHT COUNTER MORTAR RADAR		9,165		9,165		9,165				9,165
079	EW PLANNING & MANAGEMENT TOOLS (EWPMT)		5,875		5,875		5,875				5,875
083	AIR VIGILANCE (AV) (MIP)		8,497		8,497		8,497				8,497
	CI MODERNIZATION (MIP)		486		486		486				486
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)										
084	SENTINEL MODS		79,629		79,629		79,629				79,629
085	NIGHT VISION DEVICES		153,180		153,266		153,180				153,180
	Realignment of EDI APS Unit Set from OCO to Base				[86]						
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM				2,861						
	Realignment of EDI APS Unit Set from OCO to Base				[2,861]						
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF		22,882		22,882		22,882				22,882
088	RADIATION MONITORING SYSTEMS		17,393		17,404		17,393				17,393
	Realignment of EDI APS Unit Set from OCO to Base				[11]						
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS		46,740		47,002		46,740				40,435
	C-RAM enhancements fielding unjustified request										[-6,305]
	Realignment of EDI APS Unit Set from OCO to Base				[262]						
091	FAMILY OF WEAPON SIGHTS (FWS)		140,737		131,962		140,737				131,437
	Realignment of EDI APS Unit Set from OCO to Base				[525]						
	Unexecutable funds										[-9,300]
093	PROFILER		171		171		171				171
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P)		405,239		431,385		405,239				391,881

	Realignment of EDI AFS Unit Set from OCO to Base								
	Requirement funded in fiscal year 2018								
095	JOINT EFFECTS TARGETING SYSTEM (JETS)	66,574	66,574						66,574
096	MOD OF IN-SVC EQUIP (LLDR)	20,783	20,783						20,783
	Realignment of EDI AFS Unit Set from OCO to Base	(4,050)							
097	COMPUTER BALLISTICS: LHMCB XM32	8,553	8,553						8,553
098	MORTAR FIRE CONTROL SYSTEM	21,489	21,489						21,489
099	COUNTERFIRE RADARS	162,121	162,121						162,121
	ELECT EQUIP—TACTICAL C2 SYSTEMS								
100	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE (.....	2,855	2,855						2,855
101	FIRE SUPPORT C2 FAMILY	19,153	19,153						19,153
102	AIR & MSL DEFENSE PLANNING & CONTROL SYS	33,837	33,837						33,837
103	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	5,136	5,136						5,136
104	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	18,329	18,329						18,329
105	MANEUVER CONTROL SYSTEM (MCS)	38,015	38,015						38,015
106	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	15,164	15,164						15,164
107	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP)	29,239	29,239						29,239
109	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	6,823	6,823						6,823
110	MOD OF IN-SVC EQUIPMENT (ENFRE)	1,177	1,177						1,177
	ELECT EQUIP—AUTOMATION								
111	ARMY TRAINING MODERNIZATION	12,265	12,265						12,265
112	AUTOMATED DATA PROCESSING EQUIP	201,875	201,875						201,875
	Consolidating more IT purchases								
113	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	10,976	10,976						10,976
114	HIGH PERF COMPUTING MOD PGM (HPCMP)	66,330	66,330						66,330
115	CONTRACT WRITING SYSTEM	5,927	5,927						5,927
116	RESERVE COMPONENT AUTOMATION SYS (RCAS)	27,896	27,896						27,896
	ELECT EQUIP—AUDIO VISUAL SYS (AV)								
117	TACTICAL DIGITAL MEDIA	4,392	4,392						4,392
118	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	1,970	1,970						1,970
	ELECT EQUIP—SUPPORT								
119	PRODUCTION BASE SUPPORT (C-E)	506	506						506
	CLASSIFIED PROGRAMS								
120A	CLASSIFIED PROGRAMS	4,501	4,501						4,501
	CHEMICAL DEFENSIVE EQUIPMENT								
121	PROTECTIVE SYSTEMS	2,314	2,314						2,314
	Realignment of EDI AFS Unit Set from OCO to Base	[27]							
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	7,478	7,478						7,478
124	CBRN DEFENSE	173,954	173,954						173,954
	Realignment of EDI AFS Unit Set from OCO to Base	[317]							

(-13,358)

(26,146)

(-15,000)

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(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
BRIDGING EQUIPMENT											
125	TACTICAL BRIDGING		98,229		98,229		98,229				98,229
126	TACTICAL BRIDGE FLOAT-RIBBON		64,438		64,438		64,438				64,438
127	COMMON BRIDGE TRANSPORTER (CBT) RECAP		79,916		79,916		79,916				79,916
ENGINEER (NON-CONSTRUCTION) EQUIPMENT											
128	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST		8,471		8,471		8,471				8,471
129	GRND STANDOFF MINE DETECTN SYSM (GSTMIDS)		29,883		29,883		29,883				29,883
130	AREA MINE DETECTION SYSTEM (AMDS)		11,594		11,595		11,594				11,594
	Reassignment of EDI AFS Unit Set from OCO to Base			(1)							
131	HUSKY MOUNTED DETECTION SYSTEM (HMDS)		40,834		40,834		40,834				40,834
132	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)		4,029		4,029		4,029				4,029
133	EOD ROBOTICS SYSTEMS RECAPITALIZATION		14,208		14,208		14,208				14,208
134	ROBOTICS AND APPLIQUE SYSTEMS		31,456		31,456		31,456				31,456
136	REMOTE DEMOLITION SYSTEMS		1,748		1,749		1,748				1,748
	Reassignment of EDI AFS Unit Set from OCO to Base			(1)							
137	< \$5M. COUNTERMINE EQUIPMENT		7,829		7,829		7,829				7,829
138	FAMILY OF BOATS AND MOTORS		5,806		5,806		5,806				5,806
COMBAT SERVICE SUPPORT EQUIPMENT											
139	HEATERS AND ECUS		9,852		9,852		9,852				9,852
140	SOLDIER ENHANCEMENT		1,103		1,103		1,103				1,103
141	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)		5,875		5,875		5,875				5,875
142	GROUND SOLDIER SYSTEM		92,487		92,487		92,487				92,487
	Requirement funded in fiscal year 2018										
143	MOBILE SOLDIER POWER		30,774		30,774		30,774				30,774
145	FIELD FEEDING EQUIPMENT		17,521		17,521		17,521				17,521
146	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM		44,855		44,855		44,855				44,855
147	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS		17,173		17,173		17,173				17,173
148	ITEMS LESS THAN \$5M (ENG SPT)		2,000		2,000		2,000				2,000
PETROLEUM EQUIPMENT											
149	QUALITY SURVEILLANCE EQUIPMENT		1,770		1,770		1,770				1,770
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER		39,730		39,730		39,730				39,730
MEDICAL EQUIPMENT											
151	COMBAT SUPPORT MEDICAL		57,752		57,752		57,752				57,752
									-56,000		
									[-56,000]		

		[20,000]			
Simulators and other technologies to reduce the use of live animal tissue for medical training.					
MAINTENANCE EQUIPMENT					
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	37,722	37,722	37,722	37,722
153	ITEMS LESS THAN \$5.0M (MAINT EQ)	4,985	4,985	4,985	4,985
	Realignment of EDI APS Unit Set from OCO to Base		[268]		
CONSTRUCTION EQUIPMENT					
155	SCRAPERS, EARTHMOVING	7,961	7,961	7,961	7,961
156	HYDRAULIC EXCAVATOR	1,355	1,355	1,355	1,355
158	ALL TERRAIN CRANES	13,031	13,031	13,031	13,031
159	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	46,048	46,048	46,048	46,048
160	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	980	980	980	8,480
	Program increase—additional ERACC systems		[7,500]		[7,500]
161	CONST EQUIP ESP	37,017	37,017	37,017	37,017
162	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,103	6,103	6,103	6,103
RAIL FLOAT CONTAINERIZATION EQUIPMENT					
163	ARMY WATERCRAFT ESP	27,711	27,711	27,711	27,711
164	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	8,385	8,385	8,385	8,385
GENERATORS					
165	GENERATORS AND ASSOCIATED EQUIP	133,772	133,772	133,772	133,772
166	TACTICAL ELECTRIC POWER RECAPITALIZATION	8,333	8,333	8,333	8,333
MATERIAL HANDLING EQUIPMENT					
167	FAMILY OF FORKLIFTS	12,901	12,901	12,901	12,901
TRAINING EQUIPMENT					
168	COMBAT TRAINING CENTERS SUPPORT	123,228	123,228	123,228	123,228
169	TRAINING DEVICES, NONSYSTEM	228,598	228,598	228,598	228,598
170	CLOSE COMBAT TACTICAL TRAINER	33,080	33,080	33,080	33,080
171	AVIATION COMBINED ARMS TACTICAL TRAINER	32,700	32,700	32,700	32,700
172	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	25,161	25,161	25,161	25,161
TEST MEASURE AND DIS EQUIPMENT (TMD)					
173	CALIBRATION SETS EQUIPMENT	4,270	4,270	4,270	4,270
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	76,295	76,295	76,295	76,295
	Realignment of EDI APS Unit Set from OCO to Base		[9,495]		
175	TEST EQUIPMENT MODERNIZATION (TEMOD)	9,806	9,806	9,806	9,806
OTHER SUPPORT EQUIPMENT					
176	M25 STABILIZED BINOCULAR	4,368	4,401	4,368	4,368
	Realignment of EDI APS Unit Set from OCO to Base		[33]		
177	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	9,879	9,879	9,879	9,879
178	PHYSICAL SECURITY SYSTEMS (OPAS)	54,043	54,043	54,043	54,043
179	BASE LEVEL COMMON EQUIPMENT	6,633	6,633	6,633	6,633

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
180	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)		49,797		49,797		49,797				49,797
181	PRODUCTION BASE SUPPORT (OTH)		2,301		2,301		2,301				2,301
182	SPECIAL EQUIPMENT FOR USER TESTING		11,608		11,608		11,608				11,608
183	TRACTOR YARD		4,956		4,956		4,956				4,956
	OP&Z										
184	INITIAL SPARES—C&E		9,817		9,817		9,817				9,817
	TOTAL OTHER PROCUREMENT, ARMY		7,999,529		8,410,454		7,736,329		-329,665		7,689,864
	AIRCRAFT PROCUREMENT, NAVY										
	COMBAT AIRCRAFT										
001	F/A-18EF (FIGHTER) HORNET	24	1,937,553	24	1,907,553	24	1,337,553		-56,249	24	1,881,304
	Excess NRE and Support Costs				[-30,000]				[-56,249]		
002	ADVANCE PROCUREMENT (CY)		58,799		58,799		58,799				58,799
003	JOINT STRIKE FIGHTER CV	9	1,144,958	9	1,132,058	8	1,023,958		-12,900	9	1,132,058
	Production Efficiencies				[-12,900]				[-12,900]		
	Program Realignment					[-1]	[-121,000]				
004	ADVANCE PROCUREMENT (CY)		140,010		140,010		140,010				140,010
005	JSF STOVL	20	2,312,847	20	2,276,547	20	2,312,847		-36,300	20	2,276,547
	Production Efficiencies				[-36,300]				[-36,300]		
006	ADVANCE PROCUREMENT (CY)		228,492		228,492		228,492				228,492
007	CH-53K (HEAVY LIFT)	8	1,113,804	8	1,093,804	8	1,113,804		-45,378	8	1,068,426
	Support cost growth				[-24,000]				[-45,378]		
008	ADVANCE PROCUREMENT (CY)		161,079		161,079		161,079				161,079
009	V-22 (MEDIUM LIFT)	7	806,337	7	806,337	7	806,337		-22,000	7	784,337
	Unit cost savings								[-22,000]		
010	ADVANCE PROCUREMENT (CY)		36,955		36,955		36,955				36,955
011	H-1 UPGRADES (UH-1Y/AH-1Z)	25	820,755	25	820,755	25	820,755			25	820,755
014	P-8A POSEIDON	10	1,803,753	10	1,777,753	10	1,803,753		-25,000	10	1,778,753
	Excessive CFE Electronics cost growth				[-5,000]				[-5,000]		
	Excessive GFE Electronics cost growth				[-1,000]				[-1,000]		
	Excessive support cost growth				[-20,000]				[-20,000]		
015	ADVANCE PROCUREMENT (CY)		180,000		180,000		180,000				180,000
016	E-20 ADV HAWKEYE	4	742,693	4	726,393	5	917,693	1	161,500	5	904,193

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
039	Forward financed										
	C-130 SERIES		79,075		79,075		79,075		[-3,000]		72,152
	Forward financed										
	FEWSG		597		597		597				597
040	CARGO/TRANSPORT A/C SERIES		8,932		8,932		8,932				8,932
041	E-6 SERIES		181,821		181,821		181,821				180,493
042	Excess installation costs										
	EXECUTIVE HELICOPTERS SERIES		23,566		23,566		23,566				23,566
043	SPECIAL PROJECT AIRCRAFT		7,620		7,620		7,620				7,620
044	T-45 SERIES		195,475		195,475		195,475				195,475
045	POWER PLANT CHANGES		21,521		21,521		21,521				21,521
046	JPATS SERIES		27,644		27,644		27,644				27,644
047	AVIATION LIFE SUPPORT MODS		15,864		15,864		15,864				15,864
048	COMMON ECM EQUIPMENT		166,306		191,306	43	191,306		25,000		191,306
049	Navy UFR: F/A-18EF Super Hornet Adaptive RADAR counter-measures				[25,000]	[43]	[25,000]		[25,000]		
050	COMMON AVIONICS CHANGES		117,551		112,551		117,551				117,551
	Program decrease				[-5,000]						
051	COMMON DEFENSIVE WEAPON SYSTEM		1,994		1,994		1,994				1,994
052	ID SYSTEMS		40,696		40,696		40,696				40,696
053	P-8 SERIES		71,251		71,251		71,251				71,251
054	MAJIF EW FOR AVIATION		11,590		11,590		11,590				11,590
055	MQ-8 SERIES		37,907		37,907		37,907				37,907
057	V-22 (HIL/ROTOR ACFT) OSPREY		214,820		214,820		214,820				211,700
	Excess support costs										
058	NEXT GENERATION JAMMER (NGJ)		952		952		952				952
	Early to need										
059	F-35 STOVL SERIES		36,618		36,618		36,618				36,618
	F-35B Modifications Increase						[33,500]				
060	F-35 CV SERIES		21,236		21,236		21,236				21,236
	F-35C Modifications Increase						[5,000]				
061	ORC		101,499		101,499		101,499				101,499
062	MQ-4 SERIES		48,278		48,278		48,278				48,278

063	RQ-21 SERIES	6,904	6,904	6,904	6,904				
	AIRCRAFT SPARES AND REPAIR PARTS								
064	SPARES AND REPAIR PARTS	1,842,920	1,842,920	1,842,920	1,842,920	50,000	50,000	1,842,920	1,842,920
	F-35B and F-35C spares quantity increase	(40,000)	(40,000)	(50,000)	(50,000)				
065	AIRCRAFT SUPPORT EQUIP & FACILITIES								
	COMMON GROUND EQUIPMENT	421,606	421,606	421,606	421,606	-10,000	-10,000	411,606	411,606
	Program decrease	(-10,000)	(-10,000)	(-10,000)	(-10,000)				
066	AIRCRAFT INDUSTRIAL FACILITIES	24,496	24,496	24,496	24,496			24,496	24,496
067	WAR CONSUMABLES	42,108	42,108	42,108	42,108			42,108	42,108
068	OTHER PRODUCTION CHARGES	1,444	1,444	1,444	1,444			1,444	1,444
069	SPECIAL SUPPORT EQUIPMENT	49,489	49,489	49,489	49,489			49,489	49,489
070	FIRST DESTINATION TRANSPORTATION	1,951	1,951	1,951	1,951			1,951	1,951
	TOTAL AIRCRAFT PROCUREMENT, NAVY	120	19,041,799	118	18,713,849	161	19,217,199	119	18,820,836
						-1	-220,963		
	WEAPONS PROCUREMENT, NAVY								
	MODIFICATION OF MISSILES								
001	TRIDENT II MODS	1,078,750	1,078,750	1,078,750	1,078,750			1,078,750	1,078,750
002	SUPPORT EQUIPMENT & FACILITIES								
	MISSILE INDUSTRIAL FACILITIES	6,998	6,998	6,998	6,998			6,998	6,998
	STRATEGIC MISSILES								
003	TOMAHAWK	98,570	98,570	98,570	98,570			98,570	98,570
	Forward financed in the FY18 Omnibus								
	Program Increase—198 missile								
	Shutdown costs early to need								
	TACTICAL MISSILES								
004	AMRAAM	140	211,058	140	211,058	140	211,058	140	211,058
005	SIDEWINDER	191	77,927	250	122,927	249	122,927	250	122,927
	Navy UFR: additional AIM 9-X missiles			[59]	[45,000]	[58]	[45,000]	[59]	[45,000]
006	JSOW		1,330		1,330		1,330		1,330
007	STANDARD MISSILE	125	490,210	125	490,210	125	490,210	125	490,210
008	ADVANCE PROCUREMENT (CY)		125,683		125,683		125,683		125,683
009	SMALL DIAMETER BOMB II	750	91,272	750	91,272	750	91,272	750	91,272
010	RAM	120	96,221	120	93,921	120	96,221	120	96,221
	Excess Production Support								
011	JOINT AIR GROUND MISSILE (JAGM)	75	24,109	75	24,109	75	24,109	75	24,109
014	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	31	11,378	31	11,378	31	11,378	31	11,378
015	AERIAL TARGETS		137,137		137,137		137,137		137,137
016	OTHER MISSILE SUPPORT		3,318		3,318		3,318		3,318
017	LRASM	25	81,190	35	111,190	35	111,190	35	111,190
	Newly Unfunded Requirement			[10]	[30,000]	[10]	[30,000]	[10]	[30,000]

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
018	LCS 0TH MISSILE	8	18,156	8	18,156	8	18,156			8	18,156
	MODIFICATION OF MISSILES										
019	ESSM	45	98,384	45	96,384	45	98,384			45	98,384
	Excess Production Support				[-2,000]						
020	HARPOON MODS		14,840		14,840	48	26,840	48	12,000	48	26,840
	Navy UPL Increase to max capacity					[48]	[12,000]	[48]	[12,000]		
021	HARM MODS		187,985		187,985	-200	74,085				187,985
	Reduce procurement due to test results					[-200]	[-113,900]				
	SUPPORT EQUIPMENT & FACILITIES										
023	WEAPONS INDUSTRIAL FACILITIES		2,006		2,006		2,006				2,006
024	FLEET SATELLITE COMM FOLLOW-ON		66,779		66,779		66,779				66,779
	ORDNANCE SUPPORT EQUIPMENT										
025	ORDNANCE SUPPORT EQUIPMENT		62,008		62,008		62,008				62,008
	TORPEDDES AND RELATED EQUIP										
026	SSD		6,353		6,353		6,353				6,353
027	MK-48 TORPEDO	45	92,616	50	103,616	50	103,616	5	11,000	50	103,616
	Navy Unfunded Requirement			[5]	[11,000]	[5]	[11,000]	[5]	[11,000]		
028	ASW TARGETS		12,324		12,324		12,324				12,324
	MOD OF TORPEDDES AND RELATED EQUIP										
029	MK-54 TORPEDO MODS		105,946		95,446		105,946		-4,000		101,946
	HAAC unit cost growth				[-6,500]						
	Non Recurring Engineering excess growth				[-4,000]						
030	MK-48 TORPEDO AOCAP MODS		40,005		40,005		40,005				40,005
031	QUICKSTRIKE MINE		9,758		9,758		9,758				9,758
	SUPPORT EQUIPMENT										
032	TORPEDO SUPPORT EQUIPMENT		79,371		79,371		79,371				79,371
033	ASW RANGE SUPPORT		3,872		3,872		3,872				3,872
	DESTINATION TRANSPORTATION										
034	FIRST DESTINATION TRANSPORTATION		3,726		3,726		3,726				3,726
	GUNS AND GUN MOUNTS										
035	SMALL ARMS AND WEAPONS		15,067		15,067		15,067				15,067
	MODIFICATION OF GUNS AND GUN MOUNTS										
036	CWS MODS		63,318		63,318		63,318				63,318

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
FLEET BALLISTIC MISSILE SHIPS											
001	ADVANCE PROCUREMENT (CY)		3,005,330		3,088,030		3,005,330		237,000		3,242,330
	Accelerated Advance Procurement				(150,000)						
	Forward financed in the FY18 Omnibus for the foundry pro- peller center.				(-19,000)						
	Ordnance Early to Need				(-48,300)				(-13,000)		
	Submarine industrial base expansion								(250,000)		
OTHER WARSHIPS											
002	CARRIER REPLACE PROGRAM		1,598,181	1	1,549,081		1,598,181	1		1	1,598,181
	Authorize CW81—One ship			(1)					(1)		
	Excess change order rate				(-49,100)						
004	VIRGINIA CLASS SUBMARINE	2	4,373,382	2	5,311,382		4,373,382		-20,000	2	4,353,382
	EOQ AP for submarine in FY 2022 and 2023				(1,003,000)						
	Excess change order rate				(-20,000)						
	Forward financed in the FY18 Omnibus				(-45,000)						
005	ADVANCE PROCUREMENT (CY)		2,796,401		2,796,401		3,046,401				2,796,401
	FY19-23 MYP EOQ or SIB expansion						(250,000)				
007	ADVANCE PROCUREMENT (CY)		449,597		449,597		449,597				449,597
008	DDG 1000		270,965		270,965		270,965				270,965
	Cost growth transfer to Line 28						(-270,965)				
009	DDG-51	3	5,253,327	3	4,941,327		5,225,827		-81,500	3	5,171,827
	DDG Flight III Multiyear Procurement Savings				(-150,000)						
	Excessive Basic Construction Unit Cost Growth				(-162,000)						
	Multiyear procurement contract savings										
010	ADVANCE PROCUREMENT (CY)		391,928		391,928		641,928		250,000		641,928
	Enable greater long lead material procurement						(250,000)				
011	LITTORAL COMBAT SHIP	1	646,244	3	1,596,244		576,244		912,261	3	1,558,505
	Align Plans and Other costs with end of production						(-70,000)		(-37,739)		
	Program Increase—Two ships			(2)	(950,000)				(950,000)		
AMPHIBIOUS SHIPS											
012A	ADVANCE PROCUREMENT (CY)				150,000		650,000		500,000		500,000
	AP for FY2020 LPD Flight II and/or MYP EOQ				(150,000)		(650,000)				
013	EXPEDITIONARY SEA BASE (ESB)	1	650,000	1	630,000		650,000		-3,000	1	647,000

016	Accelerated contracts learning curve	2	977,104	2	977,104	[-3,000]	2	977,104
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST							
	TAO FLEET OILER	2	957,104	2	977,104			
	Accelerated contracts learning curve		[-20,000]					
017	ADVANCE PROCUREMENT (CY)	1	75,046	1	75,046		1	75,046
018	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	1	80,517	1	80,517		1	80,517
	Accelerated contracts learning curve		[-5,000]					
020	LCU L700	2	41,520	2	41,520		2	41,520
021	OUTFITTING	2	634,038	2	562,038	-72,000	2	562,038
	Outfitting and Post Delivery early to need				[-72,000]			
022	SHIP TO SHORE CONNECTOR	5	325,375	8	325,375	182,500	8	507,875
	Program Increase—Three vessels			[3]		[-182,500]		
023	SERVICE CRAFT		72,062		97,062	25,000		97,062
	Accelerate detail design and construction of YP-703 Flight II				[25,000]			
024	LCAC SLEP	1	23,321	1	23,321		1	23,321
028	COMPLETION OF PY SHIPBUILDING PROGRAMS		207,099		478,064			207,099
	Cost growth transfer from Line 8				[-270,965]			
028A	CABLE SHIP			1	250,000		1	250,000
	Program increase			[1]		[250,000]		
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	18	21,871,437	24	23,723,537		25	24,051,698
	OTHER PROCUREMENT, NAVY							
001	SHIP PROPULSION EQUIPMENT		19,700		19,700			19,700
	SURFACE POWER EQUIPMENT		23,495		23,495			23,495
003	GENERATORS		63,330		63,330			73,330
	NAVIGATION EQUIPMENT		178,421		178,421			178,421
004	OTHER NAVIGATION EQUIPMENT		487,999		487,999			483,499
	Accelerate EGDIS-N 9.3, 9.4, 9.5 implementation				[-4,800]			
005	OTHER SHIPBOARD EQUIPMENT							
006	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG		178,421		178,421			178,421
	DIAG MOD		487,999		487,999			483,499
	AWS Installation Unit Cost Growth							
	Program Increase—One additional Combat System							
007	FIREFIGHTING EQUIPMENT		28,143		28,143			28,143
008	COMMAND AND CONTROL SWITCHBOARD		2,248		2,248			2,248
009	LHA/LHD MIDLIFE		37,694		37,694			37,694
010	POLLUTION CONTROL EQUIPMENT		20,883		20,883			20,883
011	SUBMARINE SUPPORT EQUIPMENT		37,155		37,155			37,155

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
012	VIRGINIA CLASS SUPPORT EQUIPMENT		66,328		66,328		66,328				66,328
013	LCS CLASS SUPPORT EQUIPMENT		47,241		47,241		47,241				47,241
014	SUBMARINE BATTERIES		27,987		27,987		27,987		-2,902		25,085
	Unit cost growth								[-2,902]		
015	LPD CLASS SUPPORT EQUIPMENT		65,033		65,033		65,033				65,033
016	DDG 1000 CLASS SUPPORT EQUIPMENT		89,700		89,700		51,300		-32,000		57,700
	Procurement early to need						[-38,400]		[-32,000]		
017	STRATEGIC PLATFORM SUPPORT EQUIP		22,254		22,254		22,254				22,254
018	DSP EQUIPMENT		3,629		3,629		3,629				3,629
019	CG MODERNIZATION		276,446		276,446		276,446		-3,900		272,546
	Integrated Ship Controls Unit Cost Growth				[-3,900]				[-3,900]		
020	LCAC		3,709		3,709		3,709				3,709
021	UNDERWATER EOD PROGRAMS		78,807		48,407		78,807		-5,807		73,000
	Insufficient transition strategy				[-30,400]				[-5,807]		
022	ITEMS LESS THAN \$5 MILLION		126,865		126,865		101,865				126,865
	Insufficient justification for CVN-78 in-service requirements						[-25,000]				
023	CHEMICAL WARFARE DETECTORS		2,966		2,966		2,966				2,966
024	SUBMARINE LIFE SUPPORT SYSTEM		11,968		11,968		11,968				11,968
	REACTOR PLANT EQUIPMENT										
025	REACTOR POWER UNITS		346,325		346,325		346,325				346,325
	Early to need				[-346,325]						
026	REACTOR COMPONENTS		497,063		497,063		497,063				497,063
	OCEAN ENGINEERING										
027	DIVING AND SALVAGE EQUIPMENT		10,706		10,706		10,706				10,706
	SMALL BOATS										
028	STANDARD BOATS		49,771		49,771		49,771				49,771
	PRODUCTION FACILITIES EQUIPMENT										
029	OPERATING FORCES IPE		225,181		225,181		225,181				225,181
	OTHER SHIP SUPPORT										
031	LCS COMMON MISSION MODULES EQUIPMENT		46,732		46,732		46,732		-4,509		42,223
	EMM AMWSQ-62 training equipment unjustified request								[-4,509]		
032	LCS MCM MISSION MODULES		124,147		124,147		152,063				124,147
	Transfer Cobra trainer from Line 53						18,616]				

	Transfer KnifeFish and UISS trainers from Line 52							
033	LCS ASW MISSION MODULES	57,294	7,394	[19,300]	-49,900	7,394		
	Late test event for VDS and MFA		[-49,900]	39,294	[-49,900]			
034	LCS SUW MISSION MODULES	26,006	15,006	[-18,000]	[-11,500]	14,506		
	Surface to Surface IMM Early to need		[-11,000]	[-11,500]				
035	LCS IN-SERVICE MODERNIZATION	70,526	70,526	70,526	[-11,500]			
	LOGISTIC SUPPORT							
036	LSD MIDLIFE & MODERNIZATION	4,784	4,784	4,784				
	SHIP SOMARS							
037	SPQ-9B RADAR	20,309	20,309	20,309				
038	AWSDQ-89 SURF ASW COMBAT SYSTEM	115,459	115,459	115,459				
039	SSN ACOUSTIC EQUIPMENT	318,189	318,189	318,189				
040	UNDERSEA WARFARE SUPPORT EQUIPMENT	10,134	10,134	10,134				
	ASW ELECTRONIC EQUIPMENT							
041	SUBMARINE ACOUSTIC WARFARE SYSTEM	23,815	23,815	23,815				
042	SSTD	11,277	11,277	6,277	-5,000	6,277		
	AWSLQ-25E contract delay			[-5,000]				
043	FIXED SURVEILLANCE SYSTEM	237,780	207,780	237,780				
	Forward financed in the FY18 Omnibus		[-30,000]					
044	SURTASS	57,872	47,872	57,872				
	Forward financed in the FY18 Omnibus for SURTASS-E		[-10,000]					
	ELECTRONIC WARFARE EQUIPMENT							
045	AWSLQ-32	420,344	397,244	420,344				
	Block 3 kit cost excess growth							
	Excess Ship Installation Unit Cost Growth		[-23,100]					
	RECONNAISSANCE EQUIPMENT							
046	SHIPBOARD IW EXPLOIT	220,883	220,883	220,883				
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)	4,028	4,028	4,028				
	OTHER SHIP ELECTRONIC EQUIPMENT							
048	COOPERATIVE ENGAGEMENT CAPABILITY	44,173	42,573	38,173	-6,000	38,173		
	Common Airy Block antenna program delay			[-6,000]				
	Excess Production Engineering Support		[-1,600]					
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	10,991	10,991	10,991				
050	ATDLS	34,526	34,526	34,526				
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,769	3,769	3,769				
052	MINESWEEPING SYSTEM REPLACEMENT	35,709	35,709	16,409				
	Transfer KnifeFish and UISS trainers to Line 32			[-19,300]				
053	SHALLOW WATER ICM	8,616	8,616					
	Transfer Cobra trainer to Line 32			[-8,616]				
054	NAVSTAR GPS RECEIVERS (SPACE)	10,703	10,703	10,703				

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
055	AMERICAN FORCES RADIO AND TV SERVICE		2,626		2,626		2,626		2,626		2,626
056	STRATEGIC PLATFORM SUPPORT EQUIP		9,467		9,467		9,467		9,467		9,467
	AVIATION ELECTRONIC EQUIPMENT										
057	ASHORE ATC EQUIPMENT		70,849		70,849		70,849		70,849		70,849
058	AFLOAT ATC EQUIPMENT		47,890		47,890		47,890		47,890		47,890
059	ID SYSTEMS		26,163		26,163		26,163		26,163		26,163
060	JOINT PRECISION APPROACH AND LANDING SYSTEM (.....		38,094		38,094		38,094		38,094		38,094
061	NAVAL MISSION PLANNING SYSTEMS		11,966		11,966		11,966		11,966		11,966
	OTHER SHORE ELECTRONIC EQUIPMENT										
062	TACTICAL/MOBILE C4I SYSTEMS		42,010		42,010		42,010		42,010		42,010
063	DCGS-N		12,896		12,896		12,896		12,896		12,896
064	CANES		423,027		423,027		423,027		423,027		423,027
	CANES afloat kit prior year carryover								-10,274		-10,274
									[-10,274]		[-10,274]
065	RADIAC		8,175		8,175		8,175		8,175		8,175
066	CANES-INTELL		54,465		54,465		54,465		54,465		54,465
067	GPETE		5,985		5,985		5,985		5,985		5,985
068	MASF		5,413		5,413		5,413		5,413		5,413
069	INTEG COMBAT SYSTEM TEST FACILITY		6,251		6,251		6,251		6,251		6,251
070	EMI CONTROL INSTRUMENTATION		4,183		4,183		4,183		4,183		4,183
071	ITEMS LESS THAN \$5 MILLION		148,350		148,350		142,950		-5,400		142,950
	NESSR installation funding early to need						[-5,400]		[-5,400]		[-5,400]
	SHIPBOARD COMMUNICATIONS										
072	SHIPBOARD TACTICAL COMMUNICATIONS		45,450		45,450		45,450		45,450		45,450
073	SHIP COMMUNICATIONS AUTOMATION		105,087		105,087		105,087		105,087		105,087
074	COMMUNICATIONS ITEMS UNDER \$5M		41,123		41,123		41,123		41,123		41,123
	SUBMARINE COMMUNICATIONS										
075	SUBMARINE BROADCAST SUPPORT		30,897		30,897		30,897		30,897		30,897
076	SUBMARINE COMMUNICATION EQUIPMENT		78,580		78,580		78,580		78,580		78,580
	SATELLITE COMMUNICATIONS										
077	SATELLITE COMMUNICATIONS SYSTEMS		41,205		41,205		41,205		41,205		41,205
078	NAVY MULTIBAND TERMINAL (NMT)		113,885		113,885		113,885		113,885		113,885
	SHORE COMMUNICATIONS										
079	JOINT COMMUNICATIONS SUPPORT ELEMENT (JUSE)		4,292		4,292		4,292		4,292		4,292

080	CRYPTOGRAPHIC EQUIPMENT								
	INFO SYSTEMS SECURITY PROGRAM (ISSP)	153,526	153,526	153,526	153,526	153,526	153,526	153,526	153,526
081	MIO INTEL EXPLOITATION TEAM	951	951	951	951	951	951	951	951
082	CRYPTOLOGIC EQUIPMENT								
	CRYPTOLOGIC COMMUNICATIONS EQUIP	17,009	17,009	14,209	17,009	17,009	2,800	17,009	17,009
	SOUTHCOM CCO Sensor (2 suites)	(2,800)	(2,800)					(2,800)	
086	OTHER ELECTRONIC SUPPORT								
	COAST GUARD EQUIPMENT	40,713	40,713	40,713	40,713	40,713		40,713	40,713
088	SONOBUOYS								
	SONOBUOYS—ALL TYPES	177,891	177,891	216,191	213,891	213,891	38,300	216,191	216,191
	Navy Unfunded Requirement	[38,300]	[36,000]	[38,300]	[36,000]	[36,000]		[38,300]	[38,300]
089	AIRCRAFT SUPPORT EQUIPMENT								
	WEAPONS RANGE SUPPORT EQUIPMENT	93,864	93,864	93,864	93,864	93,864		93,864	93,864
090	AIRCRAFT SUPPORT EQUIPMENT	111,724	111,724	108,524	111,724	111,724		111,724	111,724
	Program decrease	[-3,200]							
091	ADVANCED ARRESTING GEAR (AAG)	11,054	11,054	11,054	11,054	11,054		11,054	11,054
092	METEOROLOGICAL EQUIPMENT	21,072	21,072	21,072	21,072	21,072		21,072	21,072
093	DCRS/DPL	656	656	656	656	656		656	656
094	ARBORNE MINE COUNTERMEASURES	11,299	11,299	11,299	11,299	11,299		11,299	11,299
095	LAMPS EQUIPMENT	594	594	594	594	594		594	594
096	AVIATION SUPPORT EQUIPMENT	39,374	39,374	39,374	39,374	39,374		39,374	39,374
	ASIP unit cost growth							-1,500	37,874
097	UMCS-JUNWAK CARRIER AVIATION(UCA)MISSION CNTRL	35,405	35,405	35,405	35,405	35,405		-1,500	35,405
	SHIP GUN SYSTEM EQUIPMENT								
098	SHIP GUN SYSTEMS EQUIPMENT	5,337	5,337	5,337	5,337	5,337		5,337	5,337
099	SHIP MISSILE SYSTEMS EQUIPMENT								
	SHIP MISSILE SUPPORT EQUIPMENT	213,090	213,090	208,090	213,090	213,090		213,090	213,090
	Unjustified Stalker Growth								
100	TOMAHAWK SUPPORT EQUIPMENT	92,890	92,890	92,890	92,890	92,890		92,890	92,890
101	FBM SUPPORT EQUIPMENT								
	STRATEGIC MISSILE SYSTEMS EQUIP	271,817	271,817	271,817	271,817	271,817		271,817	271,817
102	ASW SUPPORT EQUIPMENT								
	SSN COMBAT CONTROL SYSTEMS	129,501	129,501	124,001	129,501	129,501		129,501	129,501
	Excessive Unit Cost Growth for Install								
103	ASW SUPPORT EQUIPMENT	19,436	19,436	19,436	19,436	19,436		19,436	19,436
	OTHER ORDNANCE SUPPORT EQUIPMENT								
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	14,258	14,258	14,258	14,258	14,258		14,258	14,258
105	ITEMS LESS THAN \$5 MILLION	5,378	5,378	5,378	5,378	5,378		5,378	5,378
	OTHER EXPENDABLE ORDNANCE								
106	SUBMARINE TRAINING DEVICE MODS	65,543	65,543	65,543	65,543	65,543		65,543	65,543

133A	CLASSIFIED PROGRAMS	15,681	15,681	15,681	15,681	15,681	
134	SPARES AND REPAIR PARTS	326,838	326,838	326,838	326,838	326,838	
	TOTAL OTHER PROCUREMENT, NAVY	9,414,355	9,030,330	9,373,855	9,313,063	9,313,063	
	PROCUREMENT, MARINE CORPS						
001	TRACKED COMBAT VEHICLES						
	AAV/A1 PIP	156,249	136,249	78,149	96,836	96,836	
	Program reduction		[-20,000]	[-78,100]	[-59,413]	[-59,413]	
002	AMPHIBIOUS COMBAT VEHICLE L1	30	167,478	167,478	167,478	167,478	30
003	LAV PIP	43,701	43,701	43,701	43,701	43,701	
005	ARTILLERY AND OTHER WEAPONS						
	155MM LIGHTWEIGHT TOWED HOWITZER	47,158	47,158	47,158	47,158	47,158	
006	ARTILLERY WEAPONS SYSTEM	134,246	134,246	134,246	134,246	134,246	
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	40,687	40,687	40,687	40,687	40,687	
008	OTHER SUPPORT						
	MODIFICATION KITS	22,904	22,904	22,904	22,904	22,904	
009	GUIDED MISSILES						
	GROUND BASED AIR DEFENSE	18,334	18,334	18,334	18,334	18,334	
010	ANTI-ARMOR MISSILE-JAVELIN	3,020	3,020	3,020	3,020	3,020	5
011	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAWS)	13,760	13,760	13,760	13,760	13,760	
012	ANTI-ARMOR MISSILE-TOW	59,702	59,702	59,702	59,702	59,702	
013	COMMAND AND CONTROL SYSTEMS						
	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C)	35,467	35,467	35,467	35,467	35,467	
014	REPAIR AND TEST EQUIPMENT						
	REPAIR AND TEST EQUIPMENT	46,081	41,481	46,081	45,656	45,656	
	Program Reduction		[-4,600]		[-425]	[-425]	
015	OTHER SUPPORT (TEL)						
	MODIFICATION KITS	971	971	971	971	971	
016	COMMAND AND CONTROL SYSTEM (NON-TEL)						
	ITEMS UNDER \$5 MILLION (COMM & ELEC)	69,203	62,203	69,203	67,360	67,360	
	Program Reduction		[-7,000]		[-1,843]	[-1,843]	
017	AIR OPERATIONS C2 SYSTEMS						
	OPERATIONS C2 SYSTEMS	14,269	14,269	14,269	14,269	14,269	
018	RADAR + EQUIPMENT (NON-TEL)						
	RADAR SYSTEMS	6,694	6,694	6,694	6,694	6,694	
019	GROUND/AIR TASK ORIENTED RADAR (GATOR)						
	GROUND/AIR TASK ORIENTED RADAR (GATOR)	224,969	224,969	224,969	224,969	224,969	6
021	INTELL/COMM EQUIPMENT (NON-TEL)						
	GESS-MC	1,187	1,187	1,187	1,187	1,187	
022	FIRE SUPPORT SYSTEM						
	FIRE SUPPORT SYSTEM	60,189	60,189	60,189	60,189	60,189	
023	INTELLIGENCE SUPPORT EQUIPMENT						
	INTELLIGENCE SUPPORT EQUIPMENT	73,848	67,848	73,848	73,848	73,848	

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Unjustified request for TSCS Inc 1				[-6,000]						
025	UNMANNED AIR SYSTEMS (INTEL)		3,848		3,848		3,848		3,848		3,848
026	DGSS-MC		16,081		16,081		16,081		16,081		16,081
	OTHER SUPPORT (NON-TEL)										
030	NEXT GENERATION ENTERPRISE NETWORK (NGEN)		87,120		87,120		87,120		87,120		87,120
031	COMMON COMPUTER RESOURCES		68,914		68,914		68,914		68,914		68,914
032	COMMAND POST SYSTEMS		124,838		124,838		99,870		99,870		124,838
	Operational limitations of NOTM						[-24,968]				
033	RADIO SYSTEMS		279,680		264,680		279,680		-15,000		264,680
	Program reduction				[-15,000]				[-15,000]		
034	COMM SWITCHING & CONTROL SYSTEMS		36,649		36,649		36,649		36,649		36,649
035	COMM & ELEC INFRASTRUCTURE SUPPORT		83,971		83,971		83,971		83,971		83,971
	CLASSIFIED PROGRAMS										
035A	CLASSIFIED PROGRAMS		3,626		3,626		3,626		3,626		3,626
	ADMINISTRATIVE VEHICLES										
036	COMMERCIAL CARGO VEHICLES		25,441		25,441		25,441		25,441		25,441
	TACTICAL VEHICLES										
037	MOTOR TRANSPORT MODIFICATIONS		11,392		11,392		11,392		11,392		11,392
038	JOINT LIGHT TACTICAL VEHICLE		607,011	214	676,011		607,011		607,011		607,011
	Optimize production profile			[214]	[69,000]						
039	FAMILY OF TACTICAL TRAILERS		2,393		2,393		2,393		2,393		2,393
040	TRAILERS		6,540		6,540		6,540		6,540		6,540
	ENGINEER AND OTHER EQUIPMENT										
041	ENVIRONMENTAL CONTROL EQUIP ASSORT		496		496		496		496		496
042	TACTICAL FUEL SYSTEMS		54		54		54		54		54
043	POWER EQUIPMENT ASSORTED		21,062		21,062		21,062		21,062		21,062
044	AMPHIBIOUS SUPPORT EQUIPMENT		5,290		5,290		5,290		5,290		5,290
045	EOD SYSTEMS		47,854		47,854		47,854		47,854		47,854
	MATERIALS HANDLING EQUIPMENT										
046	PHYSICAL SECURITY EQUIPMENT		28,306		28,306		28,306		28,306		28,306
	GENERAL PROPERTY										
047	FIELD MEDICAL EQUIPMENT		33,513		33,513		33,513		33,513		33,513
048	TRAINING DEVICES		52,040		52,040		41,632		41,632		52,040

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
017	MQ-9 Increase to accelerate Advanced Battle Management System	8	221,707	10	264,507 (42,800)	14	341,707 (120,000)	6	120,000 (120,000)	14	341,707
	STRATEGIC AIRCRAFT										
019	B-2A MOP modifications excess to need		60,301		37,301 (-23,000)		60,301				60,301
020	B-1B Air Force requested realignment		51,290		51,290		51,290				51,290
021	B-52 Airspace compliance funding ahead of need Bomber tactical data link ahead of need LRASM certification		105,519		90,819 (-14,700)		100,719 (-14,800)		-9,689 (-14,759) (-1,954) (-2,976) (10,000)		95,830
	TACTICAL AIRCRAFT										
023	A-10 Additional A-10 wing replacements		98,720		163,720 (65,000)		163,720 (65,000)		65,000 (65,000)		163,720
024	C-130 APG-82 install cost growth		10,831		10,831		10,831				10,831
025	F-15 F-16 F-22A F-35 MODIFICATIONS		548,109		548,109		548,109		-6,528 (-6,528)		541,581
026	F-16 F-22A F-35 MODIFICATIONS		324,323		324,323		324,323				324,323
027	F-22A F-35A Modifications increase		250,710		250,710		250,710				250,710
029	F-35 MODIFICATIONS F-35A Modifications increase		247,271		247,271		297,271 (50,000)				247,271
030	F-15 EPAW Eagle Passive Active Warning and Survivability System (EPAWSS)		147,685		214,885 (67,200)		147,685		67,200 (67,200)		214,885
031	INCREMENT 3.2B KC-46A TANKER		9,007		9,007		9,007				9,007
033	KC-46A TANKER AIRLIFT AIRCRAFT		8,547		8,547		8,547				8,547
034	C-5 Mission computer and weather radar cost growth		77,845		77,845		77,845		-6,010 (-6,010)		71,835
036	C-17A C-21 C-32A		102,121		102,121		102,121				102,121
037	C-21 C-32A		17,516		17,516		17,516				17,516
038	C-32A C-37A		4,537		4,537		4,537				4,537
039	C-37A C-37A		419		419		419				419

041	TRAINER AIRCRAFT				
042	GLIDER MODS	137	137		137
043	T-6	22,550	22,550		22,550
044	T-1	21,952	21,952		21,952
045	T-38	70,623	70,623		70,623
046	OTHER AIRCRAFT				
047	U-2 MODS	48,774	48,774		48,774
048	KC-10A (ATCA)	11,104	11,104		11,104
049	C-12	4,900	4,900		4,900
050	VC-25A MOD	36,938	36,938		36,938
051	C-40	251	251		251
052	C-130	22,094	96,094		151,094
053	Program Increase—eight blade propeller upgrade (88 kits) ...		[55,000]	129,000	
054	Program Increase—engine enhancement program (88 kits) ...		[74,000]	[65,000]	
055	C-130J MODS	132,045	132,045	[74,000]	132,045
056	C-135	113,076	113,076		91,410
057	Aero-1 SATCOM ahead of need			-21,666	91,410
058	OC-135B	5,913	5,913		5,913
059	COMPASS CALL MODS	49,885	49,885		49,885
060	COMBAT FLIGHT INSPECTION (CFIN)	499	499		499
061	RC-135	394,532	394,532		394,532
062	E-3	133,906	133,906		116,865
063	Electronic protection ahead of need			-17,041	
064	E-4	67,858	67,858		67,858
065	E-8	9,919	34,919	14,888	24,807
066	Central Computer upgrade design		[25,000]		
067	AIRBORNE WARNING AND CNTR SYS (AWACS) 40/45	57,780	57,780		57,780
068	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	14,293	14,293		14,293
069	H-1	2,940	2,940		2,940
070	H-60	55,466	55,466		55,466
071	RQ-4 MODS	23,715	23,715		128,715
072	EQ-4 BACN aircraft increase		[105,000]		
073	HC/MC-130 MODIFICATIONS	37,754	37,754		37,754
074	OTHER AIRCRAFT	62,010	62,010		62,010
075	MQ-9 MODS	171,548	171,548		171,548
076	CV-22 MODS	60,416	60,416		60,416
077	AIRCRAFT SPARES AND REPAIR PARTS				
078	INITIAL SPARES/REPAIR PARTS	956,408	1,006,408	-91,000	865,408
079	F-35A Spares		[50,000]	[42,000]	
080	KC-46 spares ahead of need		[60,000]	[133,000]	

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
071	COMMON SUPPORT EQUIPMENT		81,241		81,241		81,241				81,241
	AIRCRAFT REPLACEMENT SUPPORT EQUIP										
	POST PRODUCTION SUPPORT										
074	B-2A		1,763		1,763		1,763				1,763
075	B-2B		35,861		35,861		35,861				35,861
076	B-52		12,819		12,819		12,819				12,819
077	C-17A		10,114		10,114		10,114				10,114
079	F-15		2,545		2,545		2,545				2,545
081	F-16		11,718		11,718		11,718				7,518
	F-16 Line Shutdown				[-4,000]						[-4,200]
082	F-22A		14,489		14,489		14,489				14,489
083	OTHER AIRCRAFT		9,928		9,928		9,928				9,928
084	RQ-4 POST PRODUCTION CHARGES		40,641		3,341		40,641				40,641
	RQ-4 Post Production Support				[-37,300]						
086	INDUSTRIAL PREPAREDNESS		17,378		17,378		17,378				17,378
	INDUSTRIAL RESPONSIVENESS										
088	WAR CONSUMABLES		29,342		29,342		29,342				29,342
	OTHER PRODUCTION CHARGES										
089	OTHER PRODUCTION CHARGES		1,502,386		1,393,386		1,502,386				1,502,386
	Classified program adjustment				[-109,000]						
093	CLASSIFIED PROGRAMS		28,278		28,278		28,278				28,278
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	143	16,206,937	141	15,534,421	147	16,620,737	7	310,857	150	16,517,794
001	MISSILE PROCUREMENT, AIR FORCE		36,786		36,786		36,786				18,066
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC										
	MISSILE REPLACEMENT EQ-BALLISTIC										
	TERP delays										[-18,720]
002	TACTICAL		430,708		430,708		430,708				417,708
	JOINT AIR-SURFACE STANDOFF MISSILE	312		312							
	Forward financing support costs										[-13,000]
003	LRASMO	12	44,185	12	44,185	15	54,385	3	10,200	15	54,385

017	SMALL ARMS	64,502	59,502	64,502	64,502	64,502
	Program decrease		[-5,000]			
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	8,149	8,149	8,149	8,149	8,149
		1,587,304	1,579,304	1,587,304	1,587,304	1,587,304
	OTHER PROCUREMENT, AIR FORCE					
001	PASSENGER CARRYING VEHICLES	6,949	3,449	6,949	6,949	6,949
	Forward financed in the FY18 Omnibus		[-3,500]			
002	CARGO AND UTILITY VEHICLES	36,002	18,002	36,002	36,002	36,002
	Forward financed in the FY18 Omnibus		[-18,000]			
003	CAP VEHICLES	1,022	1,022	1,022	1,022	1,022
004	CARGO AND UTILITY VEHICLES	42,696	21,696	49,879	49,879	46,693
	Forward financed in the FY18 Omnibus		[-21,000]			
	Procurement of 7 DABs for PACOM			(7,183)	(7,183)	(3,997)
	SPECIAL PURPOSE VEHICLES	30,145	30,145	30,145	30,145	30,145
005	JOINT LIGHT TACTICAL VEHICLE	1,230	1,230	3,903	3,903	1,230
006	SECURITY AND TACTICAL VEHICLES	43,003	22,003	(2,673)	(2,673)	53,693
	Procurement of 7 DABs for PACOM					
	SPECIAL PURPOSE VEHICLES			53,693	53,693	53,693
	Forward financed in the FY18 Omnibus		[-21,000]			
	Procurement of 7 DABs for PACOM			(10,690)	(10,690)	
008	FIRE FIGHTING EQUIPMENT	23,328	23,328	32,308	32,308	32,308
	FIRE FIGHTING/CRASH RESCUE VEHICLES			18,980	18,980	
	Procurement of 7 DABs for PACOM					
009	MATERIALS HANDLING EQUIPMENT	11,537	11,537	31,309	31,309	21,125
	MATERIALS HANDLING VEHICLES					
	Procurement of 7 DABs for PACOM			(19,772)	(19,772)	
010	BASE MAINTENANCE SUPPORT	37,600	37,600	40,353	40,353	38,279
	RUNWAY SNOW REMOV AND CLEANING EQU					
	Procurement of 7 DABs for PACOM					
011	BASE MAINTENANCE SUPPORT VEHICLES	104,923	52,923	(2,753)	(2,753)	104,923
	Procurement of 7 DABs for PACOM					
	Forward financed in the FY18 Omnibus		[-52,000]			
012	COMM SECURITY EQUIPMENT(COMSEC)	114,372	114,372	114,372	114,372	114,372
	COMSEC EQUIPMENT					
013	INTELLIGENCE PROGRAMS	8,290	8,290	8,290	8,290	8,290
014	INTERNATIONAL INTEL TECH & ARCHITECTURES	2,099	2,099	2,099	2,099	2,099
015	INTELLIGENCE TRAINING EQUIPMENT	37,415	37,415	37,415	37,415	37,415
	INTELLIGENCE COMM EQUIPMENT					
	ELECTRONICS PROGRAMS					

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Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
016	AIR TRAFFIC CONTROL & LANDING SYS D-RAPCON Cost Growth		57,937		14,387		57,937		-43,550		14,387
018	BATTLE CONTROL SYSTEM—FIXED		3,012		3,012		3,012		[-43,550]		3,012
019	THEATER AIR CONTROL SYS IMPROVEMEN		19,989		19,989		19,989				19,989
020	WEATHER OBSERVATION FORECAST		45,020		45,020		45,020				45,020
021	STRATEGIC COMMAND AND CONTROL		32,836		32,836		32,836				32,836
022	CHEYENNE MOUNTAIN COMPLEX		12,454		12,454		12,454				12,454
023	MISSION PLANNING SYSTEMS		14,263		14,263		14,263				14,263
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)		7,769		7,769		7,769				7,769
	SPCL COMM-ELECTRONICS PROJECTS										
026	GENERAL INFORMATION TECHNOLOGY		40,450		40,450		40,450				40,450
027	AF GLOBAL COMMAND & CONTROL SYS		6,619		6,619		6,619				6,619
028	MOBILITY COMMAND AND CONTROL		10,192		10,192		10,192				10,192
029	AIR FORCE PHYSICAL SECURITY SYSTEM Previously funded requirement		159,313		143,413		161,315		-57,988		101,315
	Procurement of 7 DABs for PACOM				[-15,900]		12,002		[-60,000]		
030	COMBAT TRAINING RANGES		132,675		132,675		132,675		12,002		132,675
031	MINIMUM ESSENTIAL EMERGENCY COMM N		140,875		140,875		140,875				140,875
032	WIDE AREA SURVEILLANCE (WAS)		92,104		92,104		92,104				92,104
033	C3 COUNTERMEASURES		45,152		45,152		45,152				45,152
034	GSS-AF FIS		483		483		483				483
035	DEFENSE ENTERPRISE ACCOUNTING & MGT SYS		802		802		802				802
036	MAINTENANCE REPAIR & OVERHAUL INITIATIVE		12,207		12,207		12,207				12,207
037	THEATER BATTLE MGT C2 SYSTEM		7,644		7,644		7,644				7,644
038	AIR & SPACE OPERATIONS CENTER (AOC)		40,066		40,066		40,066				40,066
	AIR FORCE COMMUNICATIONS										
041	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED		22,357		22,357		22,357				22,357
042	AFNET Prior year carryover		102,836		102,836		102,836		-20,000		82,836
043	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)		3,145		3,145		3,145		[-20,000]		3,145
044	USCENTCOM		13,194		13,194		13,194				13,194
	ORGANIZATION AND BASE										
045	TACTICAL C-E EQUIPMENT		161,231		161,231		161,231				161,231

047	RADIO EQUIPMENT	12,142	12,142	12,142	12,142	12,142	12,142	12,142
048	CCTV/AUDIOVISUAL EQUIPMENT	6,505	6,505	6,505	6,505	6,505	6,505	3,255
	Camover							(-3,250)
049	BASE COMM INFRASTRUCTURE	169,404	169,404	169,404	169,404	169,404	169,404	169,404
050	MODIFICATIONS							
	COMM ELECT MODS	10,654	10,654	10,654	10,654	10,654	10,654	10,654
051	PERSONAL SAFETY & RESCUE EQUIP							
	PERSONAL SAFETY AND RESCUE EQUIPMENT	51,906	51,906	51,906	51,906	51,906	51,906	51,906
052	DEPOT PLANT-MTRL'S HANDLING EQ							
	MECHANIZED MATERIAL HANDLING EQUIP	88,298	88,298	88,298	88,298	88,298	88,298	88,298
	Program reduction	(-7,500)						
053	BASE SUPPORT EQUIPMENT							
	BASE PROCURED EQUIPMENT	17,031	17,031	17,031	17,031	17,031	17,031	17,031
	Civil Engineers Construction, Surveying, and Mapping Equip- ment	(5,000)						
054	ENGINEERING AND EOD EQUIPMENT	82,635	82,635	82,635	82,635	82,635	82,635	82,635
055	MOBILITY EQUIPMENT	9,549	9,549	9,549	9,549	9,549	9,549	9,549
	Program reduction	(-3,000)						
056	BASE MAINTENANCE AND SUPPORT EQUIPMENT	24,005	24,005	48,048	48,048	17,005	11,328	35,333
	Procurement of 7 DABs for PACOM			(24,043)			(11,328)	
	Program reduction	(-7,000)						
	SPECIAL SUPPORT PROJECTS							
058	DARP RC135	26,262	26,262	26,262	26,262	26,262	26,262	26,262
059	DGS-AF	448,290	448,290	448,290	448,290	448,290	448,290	378,490
	Forward financed in the FY18 Omnibus	(-47,800)						
061	SPECIAL UPDATE PROGRAM	913,813	913,813	913,813	913,813	913,813	913,813	913,813
062	CLASSIFIED PROGRAMS	17,258,069	17,258,069	17,258,069	17,258,069	17,258,069	17,258,069	17,258,069
063	SPARES AND REPAIR PARTS							
	SPARES AND REPAIR PARTS	86,365	86,365	86,365	86,365	86,365	86,365	86,365
	TOTAL OTHER PROCUREMENT, AIR FORCE	20,890,164	20,890,164	20,890,164	20,890,164	20,890,164	20,890,164	20,740,828
	PROCUREMENT, DEFENSE-WIDE							
043	MAOR EQUIPMENT, OSD							
	MAOR EQUIPMENT, OSD	35,295	35,295	35,295	35,295	35,295	35,295	35,295
042	MAOR EQUIPMENT, NSA							
	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,403	5,403	5,403	5,403	5,403	5,403	5,403
046	MAOR EQUIPMENT, WHS							
	MAOR EQUIPMENT, WHS	497	497	497	497	497	497	497
	MAOR EQUIPMENT, DISA							

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
007	INFORMATION SYSTEMS SECURITY Sharkseer		21,590		21,590		41,590				21,590
008	TELEPORT PROGRAM		33,905		33,905		(20,000)				33,905
009	ITEMS LESS THAN \$5 MILLION		27,886		27,886		27,886				27,886
010	NET CENTRIC ENTERPRISE SERVICES (NCEs)		1,017		1,017		1,017				1,017
011	DEFENSE INFORMATION SYSTEM NETWORK		150,674		150,674		150,674				150,674
013	WHITE HOUSE COMMUNICATION AGENCY		94,610		94,610		94,610				94,610
014	SENIOR LEADERSHIP ENTERPRISE		197,246		197,246		197,246				197,246
015	JOINT REGIONAL SECURITY STACKS (JRSS)		140,338		140,338		140,338				140,338
016	JOINT SERVICE PROVIDER		107,182		107,182		87,682				100,442
	General reduction						(-19,500)				
	MAJOR EQUIPMENT, DLA		5,225		5,225		5,225				5,225
018	MAJOR EQUIPMENT		1,196		1,196		1,196				1,196
021	MAJOR EQUIPMENT, DSS		2,542		2,542		2,542				2,542
001	ITEMS LESS THAN \$5 MILLION		4,360		4,360		4,360				4,360
044	MAJOR EQUIPMENT, TIS		904		904		904				904
045	MAJOR EQUIPMENT, TIS—CE2T2		874,068		874,068		874,068				874,068
026	THAAD	82	874,068	82	874,068	82	874,068			82	874,068
027	GROUND BASED MIDCOURSE	14	409,000	14	409,000	14	409,000			14	409,000
028	ADVANCE PROCUREMENT (CY)		115,000		115,000		115,000				115,000
029	AEGIS BMD	43	593,488	43	593,488	43	593,488			43	593,488
030	ADVANCE PROCUREMENT (CY)		115,206		115,206		115,206				115,206
031	BMDs AN/TPY-2 RADARS		13,185		13,185		13,185				13,185
032	ISRAELI PROGRAMS		80,000		80,000		80,000				80,000
033	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)		50,000		50,000		50,000				50,000
034	AEGIS ASHORE PHASE III		15,000		15,000		15,000				15,000
035	IRON DOME		70,000		70,000		70,000				70,000
036	AEGIS BMD HARDWARE AND SOFTWARE	28	97,057	28	97,057	28	97,057			28	97,057
	MAJOR EQUIPMENT, DTRA										
	General reduction						(-6,740)				
							(-19,500)				

003	PERSONNEL ADMINISTRATION	10,630	10,630	10,630	10,630	10,630
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY					
023	VEHICLES	207	207	207	207	207
024	OTHER MAJOR EQUIPMENT	5,592	5,592	5,592	5,592	5,592
020	MAJOR EQUIPMENT, DODEA					
	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,723	1,723	1,723	1,723	1,723
002	MAJOR EQUIPMENT, DCMA					
	MAJOR EQUIPMENT	3,873	3,873	3,873	3,873	3,873
019	MAJOR EQUIPMENT, DMACT					
	MAJOR EQUIPMENT	13,106	13,106	13,106	13,106	13,106
046A	CLASSIFIED PROGRAMS					
	CLASSIFIED PROGRAMS	589,691	589,691	589,691	589,691	589,691
	AVIATION PROGRAMS					
050	ROTARY WING UPGRADES AND SUSTAINMENT	148,351	148,351	148,351	148,351	148,351
051	UNMANNED ISR	57,708	57,708	57,708	57,708	57,708
052	NON-STANDARD AVIATION	18,731	18,731	18,731	18,731	18,731
053	U-28	32,301	32,301	32,301	32,301	32,301
054	MH-47 CHINOOK	131,033	131,033	131,033	131,033	131,033
055	CV-22 MODIFICATION	32,529	32,529	32,529	32,529	32,529
056	MQ-9 UNMANNED AERIAL VEHICLE	24,621	24,621	24,621	24,621	24,621
057	PRECISION STRIKE PACKAGE	226,965	226,965	226,965	226,965	226,965
058	AC/MC-130	165,813	165,813	165,813	165,813	165,813
	Program decrease					-5,000
	C-130 MODIFICATIONS					[-5,000]
059	SHIPBUILDING	80,274	80,274	80,274	80,274	80,274
060	UNDERWATER SYSTEMS	136,723	136,723	136,723	136,723	136,723
061	AMMUNITION PROGRAMS					
	AMMUNITION PROGRAMS	357,742	357,742	357,742	357,742	357,742
	ORDNANCE ITEMS <\$5M					
	OTHER PROCUREMENT PROGRAMS					
062	INTELLIGENCE SYSTEMS	85,699	85,699	85,699	85,699	85,699
063	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	17,863	17,863	17,863	17,863	17,863
064	OTHER ITEMS <\$5M	112,117	112,117	112,117	112,117	112,117
065	COMBATANT CRAFT SYSTEMS	7,313	7,313	7,313	7,313	7,313
066	SPECIAL PROGRAMS	14,026	14,026	14,026	14,026	14,026
067	TACTICAL VEHICLES	88,608	88,608	88,608	88,608	88,608
	Non-standard vehicles program decrease					-3,000
068	WARRIOR SYSTEMS <\$5M	438,590	438,590	438,590	438,590	438,590
	Link 16 handheld radios for USSOCOM					[-12,800]
	SAT Deployable Node					[-18,000]
069	COMBAT MISSION REQUIREMENTS	19,408	19,408	19,408	19,408	19,408

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
070	GLOBAL VIDEO SURVEILLANCE ACTIVITIES		6,281		6,281		6,281				6,281
071	OPERATIONAL ENHANCEMENTS INTELLIGENCE		18,509		18,509		18,509				18,509
073	OPERATIONAL ENHANCEMENTS		367,433		367,433		367,433				367,433
	CBDP										
074	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		166,418		153,618		166,418				166,418
	Program decrease				[-12,800]						
075	CB PROTECTION & HAZARD MITIGATION		144,519		144,519		144,519				144,519
	TOTAL PROCUREMENT, DEFENSE-WIDE	167	6,786,271	167	6,763,271	167	6,786,771		-24,940	167	6,761,331
	JOINT URGENT OPERATIONAL NEEDS FUND										
	JOINT URGENT OPERATIONAL NEEDS FUND										
001	JOINT URGENT OPERATIONAL NEEDS FUND		100,025				100,025				-100,025
	Program decrease				[-100,025]						[-100,025]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND		100,025				100,025		-100,025		-100,025
	TOTAL PROCUREMENT	30,077	130,526,043	52,252	133,573,192	28,915	131,998,763	21,796	1,752,334	51,873	132,278,377

