

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2024

XXXX, 2023.—Committed to the Committee of the Whole House on the State of the
Union and ordered to be printed

Mr. CALVERT of California, from the Committee on Appropriations,
submitted the following

R E P O R T

together with

XXXX VIEWS

[To accompany H.R. XXXX]

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for the Department of Defense, and for other purposes, for the fiscal year ending September 30, 2024.

BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2024. This bill does not provide appropriations for military construction, military family housing, civil defense, and military nuclear warheads, for which requirements are considered in connection with other appropriations Acts.

The fiscal year 2024 President's budget request for activities funded in the Department of Defense Appropriations Act totals \$826,162,133,000 in new discretionary budget obligational authority.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel.....	172,708,964	178,873,966	177,922,024	+5,213,060	-951,942
Title II - Operation and Maintenance.....	278,075,177	290,071,293	293,065,995	+14,990,818	+2,994,702
Title III - Procurement.....	162,241,330	169,056,946	165,061,083	+2,819,753	-3,995,863
Title IV - Research, Development, Test and Evaluation.....	139,760,526	144,879,625	146,836,251	+7,075,725	+1,956,626
Title V - Revolving and Management Funds.....	1,654,710	1,682,708	1,674,408	+19,698	-8,300
Title VI - Other Department of Defense Programs.....	41,751,419	40,917,595	42,125,106	+373,687	+1,207,511
Title VII - Related Agencies.....	1,076,265	1,164,000	1,122,820	+46,555	-41,180
Title VIII - General Provisions.....	941,359	---	-875,687	-1,817,046	-875,687
Total, Department of Defense.....	833,887,995	826,646,133	826,932,000	-6,955,995	+285,867
Total, mandatory and discretionary.....	833,927,995	826,676,133	826,962,000	-6,965,995	+285,867

COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2024 President's budget request and execution of appropriations from prior fiscal years, the Subcommittee on Defense held six hearings and seven classified sessions during the period of February 2023 to April 2023. Hearings were held in open session, except when the security classification of the material to be discussed presented no alternative but to conduct those hearings in executive or closed session.

INTRODUCTION

The Committee recommendation for fiscal year 2024 Department of Defense discretionary funding is \$826,448,000,000, which exceeds the President's budget request by \$285,867,000.

Despite the late submission of the request, this bill maintains the Committee's long-standing tradition of conducting a thorough, bipartisan evaluation of the budget request to ensure the appropriate use of valuable taxpayer funds. The Committee's recommendation supports full funding for many of the Department's top priorities, such as the B-21 bomber, the Columbia-class submarine, and a pay increase for uniformed personnel.

While the Committee appreciates the budget request's increase in funding for the Department, it is concerning that the Administration has poorly prioritized funds within the request to include proposals for climate change initiatives, partisan policies that may harm recruitment, and the use of legacy business systems and processes. Further, prior to submission of the President's budget request, the Committee expressly communicated to Department of Defense officials its expectation of clear and adequate justification for the funding requested. Unfortunately, the Department failed to heed this direction for many of its programs prior to the Committee drafting its recommendation. Therefore, the Committee recommends approximately \$20,000,000,000 in program reductions, which includes reductions due to schedule delays, unjustified cost increases, underexecution, or other programmatic adjustments. The Committee's recommendation also includes prohibitions on funding for programs that do not directly increase military readiness or lethality. It is the constitutional prerogative of this Committee to ensure that the executive branch is both held accountable by, and responsive to, the representatives of the American people. The Committee takes this responsibility, and the responsibility to provide for the common defense of our Nation, seriously.

Successive National Defense Strategies make clear the Department's top priority is to strengthen and sustain the Nation's ability to deter the aggressive and malign actions of the People's Republic of China (PRC). This bill ensures the realization of this priority by rejecting the Administration's request to decrease the number of ships in the Navy's fleet, increasing investment in advanced aircraft, authorizing the multiyear procurement of critical munitions, building up domestic industrial base capacity, and supporting America's most important strategic asset—its servicemembers. The current geopolitical environment also calls for the United States and its allies to be postured to respond to a variety of conflicts that threaten the homeland or the international rules-based order in place since the end of the Second World War. Russia's ill-conceived

invasion of Ukraine, Iran's increased aggression in the Middle East, and missile threats from the Democratic People's Republic of Korea all serve as reminders that focusing on the pacing threat cannot lead to a vacuum of American leadership elsewhere in the world.

To achieve these shared goals, the Committee's top priorities for fiscal year 2024 are to invest in America's military superiority, shape a more efficient and effective workforce while enhancing a culture of innovation, combat illicit fentanyl and synthetic opioids, and take care of servicemembers and their families.

First, the Committee resources the military capabilities necessary to decisively defeat potential adversaries. As such, the Committee's recommendation includes funding to directly counter the PRC's malign global influence, including over \$9,000,000,000 for the Pacific Deterrence Initiative, \$108,000,000 for International Security Cooperation Programs for Taiwan, and robust funding for the modernization of the nuclear triad. The recommendation also includes language to prioritize the delivery of defense articles to Taiwan and supports training partnerships such as the National Guard State Partnership Program. Finally, the Committee recommendation supports the development of a 'hedge' portfolio to address the mounting global security risks. The Committee is concerned by growing tactical and logistical risks to current weapon systems, as well as the lack of industrial base capacity and diversity. A hedge in this sense will resource organizations capable of developing non-traditional solutions from non-traditional sources by intentionally taking calculated risks to incentivize positive, deliberate, accelerated change. If properly executed, this hedge has the potential to create asymmetric advantage to support combatant command operational challenges and reduce the taxpayer's burden by leveraging private capital, expand America's economic advantage by accelerating emerging technology, and broaden the pool of talent supporting national defense.

Second, the Act drives significant changes to the way the Department of Defense operates. The Committee notes its frustration with the Department's adherence to legacy business practices and manpower assumptions, particularly with respect to its civilian workforce. While in many cases the civilian workforce provides invaluable contributions to the warfighter, the Department must optimize its workforce by adopting emerging technologies and becoming fiscally sustainable or risk a misalignment of resources to execute the National Defense Strategy. Capabilities such as automation, artificial intelligence, and other novel business practices—which are readily adopted by the private sector—are often ignored or underutilized across the Department's business operations. This bill takes aggressive steps to address this issue. Additionally, the Department continues to struggle to rapidly transition technology from industry, or its own research labs, into the hands of the warfighters. This bill includes many recommendations to address this deficiency.

Third, illicit fentanyl and synthetic opioids are causing the deaths of more Americans than any other adversary. While the Committee acknowledges limits to the Department of Defense's statutory authorities, the Department and the Intelligence Community can and must increase their contributions to combat this

threat. Therefore, the Act includes a historic investment of \$1,162,161,000 in the drug interdiction and counter-drug activities account, including increased funding for counter-narcotics support, demand reduction, the National Guard Counter-Drug Program, and National Guard Counter-Drug Schools.

Finally, as the Nation marks the 50th anniversary of the All-Volunteer Force, the Committee emphasizes that taking care of servicemembers and their families is foundational to the success of the military. Increased investments in warfighting capabilities are useless without a ready, trained, equipped, and robust force. However, the Committee is concerned that compensation, particularly for the junior enlisted ranks, has been insufficient to provide an adequate quality of life for servicemembers. The Committee is also concerned that this inadequate level of pay may impede the Department's ability to recruit a force sufficient to execute the National Defense Strategy.

Therefore, the Act includes a historic alteration to the funding tables for junior enlisted servicemembers that provides for an increase in pay that averages 30 percent. This investment will improve recruitment and enhance the quality of life for servicemembers and their families. The Committee looks forward to working with the Senate and other committees of jurisdiction to enact this proposal.

The United States is in a decisive decade that will determine the fate of the world order. The PRC is rapidly building its military capabilities, investing in the developing world, and disrupting the rules-based order. The myth of integrated deterrence cannot lead the United States into shortchanging its military capabilities. Instead, the Department, in coordination with this Committee, must overcome the inertia in its current bureaucracy, processes, workforce, and mindset. It must be agile, ready, and lethal to encourage cooperation, not provocation.

The Committee appreciates the input from the Department of Defense, the Intelligence Community, Members of Congress, industry, think tanks, and outside stakeholders as it worked to draft its recommendation for fiscal year 2024.

DEFINITION OF PROGRAM, PROJECT, AND ACTIVITY

For the purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99-177), as amended by the Balanced Budget and Emergency Deficit Control Reaffirmation Act of 1987 (Public Law 100-119), and by the Budget Enforcement Act of 1990 (Public Law 101-508), the terms "program, project, and activity" for appropriations contained in this Act shall be defined as the most specific level of budget items identified in the Department of Defense Appropriations Act, 2024, the related classified annexes and Committee reports, and the P-1 and R-1 budget justification documents as subsequently modified by congressional action.

The following exception to the above definition shall apply: the military personnel and the operation and maintenance accounts, for which the term "program, project, and activity" is defined as the appropriations accounts contained in the Department of Defense Appropriations Act.

At the time the President submits the budget request for fiscal year 2025, the Secretary of Defense is directed to transmit to the

congressional defense committees budget justification documents to be known as the M-1 and O-1, which shall identify, at the budget activity, activity group, and sub-activity group level, the amounts requested by the President to be appropriated to the Department of Defense for military personnel and operation and maintenance in any budget request, or amended budget request, for fiscal year 2025.

REPROGRAMMING GUIDANCE

The Secretary of Defense is directed to continue to follow the reprogramming guidance for acquisition accounts as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110-279). The dollar threshold for reprogramming funds shall be \$15,000,000 for military personnel and operation and maintenance; and \$10,000,000 for procurement and research, development, test and evaluation.

Additionally, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees annual DD Form 1416 reports for titles I and II and quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogramming actions are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a military personnel (M-1); an operation and maintenance (O-1); a procurement (P-1); or a research, development, test and evaluation (R-1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this statement.

FUNDING INCREASES

The funding increases outlined in the tables for each appropriation account shall be provided only for the specific purposes indicated in the tables.

CONGRESSIONAL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or items for which funding is specifically reduced as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in the Committee report.

CLASSIFIED ANNEX

Adjustments to the classified programs are addressed in the classified annex accompanying this report.

COMMITTEE RECOMMENDATIONS BY MAJOR CATEGORY

ACTIVE, RESERVE, AND NATIONAL GUARD MILITARY PERSONNEL

In title I of the Act, the Committee recommends a total of \$177,922,024,000 for active, reserve, and National Guard military personnel, a decrease of \$951,942,000 below the budget request due to projected underexecution of funds. The Committee recommendation provides full funding necessary to increase basic pay for all military personnel by 5.2 percent, effective January 1, 2024. The Committee recommendation also includes additional targeted funding increases for certain enlisted grades.

OPERATION AND MAINTENANCE

In title II of the Act, the Committee recommends a total of \$293,065,995,000 for operation and maintenance support to the military Services and other Department of Defense entities, an increase of \$2,994,702,000 above the budget request. The recommended levels will fund robust operational training, readiness, and facilities needs in fiscal year 2024.

PROCUREMENT

In title III of the Act, the Committee recommends a total of \$165,061,083,000 for procurement, a decrease of \$3,995,863,000 below the budget request.

Major initiatives and modifications include:

\$674,152,000 for 48 sets of M109A6 Paladin Self-Propelled Howitzers and M992A2 Field Artillery Ammunition Support Vehicles;

\$120,000,000 for additional modernized Army National Guard HMMWVs;

\$1,617,093,000 for the procurement of the B-21 Raider;

\$9,641,932,000 for 86 F-35 aircraft, which is an increase of \$227,353,000 for 3 additional F-35As for the Air Force for a total of 51 F-35As, 16 short take-off and vertical landing variants for the Marine Corps, and 19 carrier variants for the Navy and Marine Corps;

\$2,758,048,000 for the procurement of 15 KC-46A tanker aircraft;

\$2,431,171,000 for the procurement of 24 F-15EX aircraft;

\$213,804,000 for the procurement of 7 MH-139 aircraft;

\$487,200,000 for the procurement of 4 C-130Js aircraft for the Air National Guard;

\$120,000,000 for the procurement of 2 Combat Rescue Helicopters;

\$200,000,000 for the acceleration of the delivery of the E-7 aircraft;

\$1,800,050,000 for the procurement of 16 CH-53K helicopters, an increase of one aircraft and 102,000,000 above the President's budget request;

\$684,121,000 for the procurement of five CMV-22 aircraft;

\$32,906,812,000 for the procurement of nine Navy battle force ships, including two DDG-51 guided missile destroyers, one Columbia-class ballistic submarine, two Virginia-class fast attack submarines, two Frigates, one TAO Fleet Oiler, and one submarine tender replacement;

\$2,672,314,000 for the procurement of 15 National Security Space Launches; and

\$200,000,000 for the Israeli Cooperative Programs under the Missile Defense Agency.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

In title IV of the Act, the Committee recommends a total of \$146,836,251,000 for research, development, test and evaluation, an increase of \$1,956,626,000 above the budget request.

Major initiatives and modifications include:

\$1,493,804,000 to support Army Future Vertical Lift, including design, prototyping, and risk reduction for the Future Attack Reconnaissance Aircraft and the Future Long Range Assault Aircraft;

\$974,020,000 for continued development and fielding of the Army's Long-Range Hypersonic Weapon;

\$380,355,000 for the Army's Mid-Range Missile capability;

\$816,663,000 for the Army's Lower Tier Air Missile Defense capability;

\$2,356,734,000 for the F-35 Continuous Capability Development and Delivery program;

\$790,537,000 for the continued development of the Air Force's Survivable Airborne Operations Center;

\$2,984,143,000 for the continued development of the B-21 bomber;

\$2,326,128,000 for the continued development of the Air Force's Next Generation Air Dominance program;

\$891,406,000 for the Air Force's Long Range Standoff Weapon;

\$3,686,840,000 for the continued development of the Air Force's Ground Based Strategic Deterrent program;

\$901,064,000 for the continued development of the Navy's conventional prompt strike program;

\$237,655,000 for the continued development of the Navy's Offensive Anti-Surface Warfare Weapon program;

\$73,146,000 for the continued development for the Marine Corps ground-based anti-ship missile and long-range fires programs;

\$2,056,063,000 for the Next Generation Interceptor Development;

\$2,581,124,000 for the continued development of the Next Generation Overhead Persistent Infrared program;

\$2,272,214,000 for the continued development of the Resilient Missile Warning-Missile Tracking program; and

\$300,000,000 for the Israeli Cooperative Programs under the Missile Defense Agency.

DEFENSE HEALTH PROGRAM

The Committee recommends a total of \$39,365,472,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

PAY RAISE FOR MILITARY PERSONNEL

To address the recruiting crisis and increase the quality of life for the most vulnerable military personnel and their families, the Committee recommendation includes an average pay increase of 30 percent for junior enlisted personnel, as well as a 5.2 percent pay increase for all military personnel. The Committee expects that this pay raise will help mitigate the recruiting crisis and improve the quality of life for servicemembers and their families.

CIVILIAN WORKFORCE OPTIMIZATION

The Committee recognizes the valuable contributions of the Department of Defense civilian workforce to overall mission success but is concerned by its growing cost. Between fiscal years 2018 and 2022, civilian pay expenditures grew by approximately \$15,000,000,000, and in fiscal year 2022 expenditures across all appropriations exceeded \$101,000,000,000. The Committee views this as unsustainable and excessive, particularly with the maturation of commercial technologies, such as robotic process automation and artificial intelligence, which can significantly reduce or eliminate manual processes across the Department. Therefore, the Committee recommendation includes a total reduction of \$1,095,252,000 for the Department of Defense civilian workforce. The Committee directs the Secretary of Defense to exclude civilian positions supporting shipyard, depot, health care, and sexual assault and response duties from any reductions.

Further, the Committee assesses the Department has not taken meaningful steps to adopt, at scale, modern technologies in its business operations. The Department's adherence to legacy systems, processes, and practices creates an inefficient application of manpower, squanders resources that could be applied to increase operational readiness, and is detrimental to the Department's efforts to recruit and retain top talent. The Department must optimize its civilian workforce to meet current and future threats in a fiscally prudent manner.

Therefore, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, that addresses these areas of concern. The report shall include:

- (1) a reassessment of total force manpower resources against core missions, tasks, and functions to include a mapping of missions to originating statute or Departmental policy;
- (2) a plan with specific goals and metrics for measuring the adoption of technologies, such as automation and artificial intelligence, and business process improvements across the Department;
- (3) a timeline for implementation of the stated goals;
- (4) a forecast of manpower savings as a result of these efforts across the future years defense program; and
- (5) any resources or authorities necessary to achieve these objectives or to facilitate these efforts.

Further, the Committee directs that none of the funds appropriated in this Act may be obligated or expended to establish or operate a Department of Defense Civilian Workforce Incentive Fund until 30 days after the aforementioned report is submitted to the congressional defense committees.

Beginning with the fiscal year 2025 budget request, the Department will identify mission changes, areas of technology implementation, and business process improvements that will optimize the size, structure, and composition of the Department's workforce and its allocation of manpower against validated requirements.

CIVILIAN PAY BUDGET JUSTIFICATION MATERIALS

Justification for civilian pay is included with the corresponding appropriations justification materials, yet the Committee is concerned the lack of a consolidated Department-wide civilian pay budget exhibit hinders the Committee's ability to perform its oversight of the civilian workforce. Therefore, the Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees to develop a comprehensive budget exhibit outlining the costs of civilian pay to the Department. This exhibit shall be provided with submission of the fiscal year 2025 President's budget request.

MULTIYEAR PROCUREMENT AUTHORITY FOR CERTAIN MUNITIONS

The fiscal year 2024 President's budget request includes a request for multiyear procurement authority for the Naval Strike Missile, Standard Missile-6, Advanced Medium-Range Air-to-Air Missile, Long Range Anti-Ship Missile, and Joint Air-to-Surface Standoff Missile. Following submission of the budget request, the Committee received further requests for multiyear procurement authority for the Guided Multiple Launch Rocket System and PATRIOT Advanced Capability-3 Missile Segment Enhancement. The budget request also includes \$1,896,332,000 in Economic Order Quantity (EOQ) funding in support of the requested multiyear procurements. The Committee further notes the request includes \$1,395,400,000 in advance procurement and industrial base funding for munitions.

The conditional use of multiyear procurement authority, outlined in 10 U.S.C. 3501, requires the Department to show substantial savings, the stability of the requirement, the stability of funding, stable configuration, realistic cost estimates, and national security interests. While the Committee strongly agrees with the need to ensure the munitions industrial base has steady demand from the Department of Defense to meet national defense requirements, the Department has failed to show how the use of these proposed contracts would meet the standards as outlined in statute. The Committee is particularly concerned the Department cannot provide realistic cost estimates and has proceeded with these multiyear procurement requests without a firm understanding of each program's unit cost and production capacity. The Committee believes, however, that several of these programs are worthy of multiyear procurement consideration due to their enduring importance and steady production.

Therefore, the Act includes a general provision to grant multiyear procurement authority for Naval Strike Missile, Guided Multiple Launch Rocket System, PATRIOT Advanced Capability-3 Missile Segment Enhancement, Long Range Anti-Ship Missile, and Joint Air-to-Surface Standoff Missile. The Committee also recommends \$1,412,127,000 in advance procurement and industrial base funding to improve capacity for both private and public muni-

tions providers. However, since the Department has failed to provide the Committee with cost savings expected to be generated by EOQ funding and in some instances has communicated an expectation of no cost savings from multiyear contracts, EOQ funding is not justified at this time. The Committee expects that prior to the transmission of its fiscal year 2025 President's budget request, the Department will demonstrate how EOQ funding would generate cost savings across the respective multiyear contracts.

NAVY LITTORAL COMBAT SHIPS

The Committee is troubled that, despite repeated rejections by Congress, the Navy is once again proposing to decommission several Littoral Combat Ships well before the end of their expected service lives. The Committee strongly believes that these ships, though not aligned with the Navy's original plan, can provide operational value in support of combatant commander initiatives. Further, it is noted that the Navy is studying platforms that could be repurposed to serve as a mothership for a variety of future unmanned capabilities. The Committee believes it is premature to divest these ships before the completion of this study or a thorough review of combatant commander requirements for such capability.

Therefore, the Committee directs the Secretary of the Navy to submit a report to the congressional defense committees, not later than 30 days after the enactment of this Act, on these proposed alternatives. Further, the Committee strongly urges the Secretary of the Navy to abstain from further proposals to decommission any Littoral Combat Ship.

MARINE CORPS AMPHIBIOUS SHIPS

The Committee is troubled that the budget request seeks to retire three amphibious dock landing ships (LSDs) prior to reaching their expected service lives, which would bring the total number of operational Marine Corps amphibious warfare ships under 31. Not only is this request in contravention of existing law, but the Committee also notes that such a reduction would further inhibit the Marine Corps' ability to respond to crises and support emerging combatant commander requirements. The Committee is concerned that the proposed rate of procurement of new amphibious ships is insufficient to meet the Marine Corps' operational requirement. While the Committee notes that the Department of the Navy is studying future landing platform dock (LPD) requirements, it believes that an interruption in the procurement of new amphibious ships will have a detrimental effect on maritime power projection and the shipbuilding industrial base. Therefore, the Committee recommendation prevents the decommissioning of two LSDs to sustain near-term capacity. Further, the Committee directs the Secretary of the Navy, in coordination with the Commandant of the Marine Corps, to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on the Department's plan to meet and sustain a minimum of 31 operational Marine Corps amphibious warfare ships.

DIVESTMENTS AND DECOMMISSIONINGS

The Committee is concerned the Services are reducing personnel, operations, and sustainment for aircraft and ships prior to the congressional approval of corresponding divestment and decommissioning proposals. The Committee notes that over the past several fiscal years, Congress has rejected many of these proposals and has provided increased funding for the costs of keeping these assets in service. The Committee is specifically concerned by these actions as they relate to the Navy Littoral Combat Ships, Air National Guard aircraft, and Air Force Reserve Command aircraft. In the case of the Air National Guard and Air Force Reserve Command, the divestment of aircraft without identified replacement missions increases uncertainty for personnel and local communities. While the Committee understands the phasing required for a divestment or decommissioning action, the Committee expects the Services to not initiate these actions until formally approved by the congressional defense committees.

F-35 FLIGHT SCIENCES AIRCRAFT

Due to the age and configuration of the current F-35 flight sciences aircraft inventory, the Committee concurs with the F-35 Joint Program Office (JPO) that modernized aircraft are required to support weapons integration and other developments to field advanced capabilities. The Committee understands the JPO recently awarded a contract for the non-recurring engineering and long-lead material to outfit three Lot 18 aircraft with instrumentation needed for flight sciences testing. This Act contains a general provision that grants authority to the Secretary of Defense to modify these aircraft for this purpose. To further execute these modifications, the Air Force, Navy, and Marine Corps have programmed funding in fiscal year 2024 and across the future years defense program. However, the Committee remains concerned that three aircraft will be insufficient and will incur undue risk to future advanced system development. Therefore, the Committee directs the Program Executive Officer (PEO) of the F-35 JPO, in coordination with the Secretaries of the Air Force and Navy, to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on the number of flight sciences aircraft required to meet future testing requirements over the next ten years. The Committee further directs the Service Secretaries to appropriately budget for this assessment in the fiscal year 2025 President's budget request.

HYPERSONICS

The fiscal year 2024 President's budget request for hypersonics programs across the Department of Defense totals \$3,485,800,000. This includes proposed investments in the Navy's Conventional Prompt Strike (CPS), the Air Force's Hypersonic Attack Cruise Missile, and the Army's Long Range Hypersonic Weapon, as well as research investments by the Defense Advanced Research Projects Agency, and elsewhere across the Department. Despite the enormous annual investment in hypersonic weapons, the Department of Defense has not yet fielded an operational hypersonic weapon. Meanwhile, the People's Republic of China continues to

outpace the United States in both their hypersonic arsenal of weapons and their hypersonic wind tunnel testing capabilities. It is imperative that the Department of Defense transition hypersonic research and development into an operational capability in a more expedited fashion.

While the Committee strongly supports investments in hypersonics, it is aware of issues with the Air-Launched Rapid Response Weapon (ARRW) program and the Navy's CPS program. As a result of delays and test failures, the Committee recommendation eliminates funding in fiscal year 2024 for the ARRW program. While the Committee continues to support the Navy's CPS program and its efforts to integrate CPS onto Zumwalt-class destroyers and Virginia-class submarines, the Committee notes that recent test failures have added additional risk to the program's development and schedule. The Committee recommendation, therefore, includes a reduction to the quantity of all-up rounds proposed to be procured in fiscal year 2024. The Committee expects the Secretary of the Navy to keep the Committee informed on whether the program is meeting the timelines and milestones for development and fielding.

The Committee is also concerned about the fragility of the industrial base for hypersonics technology, including basic and applied research, and supports continued investments in the nation's test infrastructure and capacity, such as the Multi-Service Advanced Capabilities Hypersonic Test Bed.

Therefore, the Committee directs the Under Secretary of Defense for Research and Engineering to submit to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, an updated hypersonics strategy and roadmap, a five-year plan for fielding hypersonic weapons across the Services, as well as an assessment of the health of the hypersonics industrial base to meet the Department's current and future needs.

ACCELERATING CHANGE WITH A NEAR-TERM HEDGE

The Committee commends the Secretary of Defense on the announcement of the new Director of the Defense Innovation Unit (DIU) that comes with an elevated role reporting directly to the Secretary. Given mounting global security risks, the Department must do more to mobilize a broader industrial base. The DIU transition provides a timely milestone to deliberately create a hedge portfolio to these risks and focus organizations capable of executing that hedge strategy. This portfolio is a hedge against growing and innate tactical and logistical risks to current weapon systems, as well as a hedge against industrial base risk, given the lack of capacity and diversity. The development of non-traditional sources and non-traditional solutions are essential to this hedge, and it will require intentionally taking calculated risks to incentivize positive deliberate accelerated change. If properly executed, this hedge has the potential to reduce the taxpayer's burden by leveraging private capital, expand America's economic advantage by accelerating emerging technology, and broaden the pool of talent supporting national defense.

After observing the use of non-traditional weapons from non-traditional sources in Ukraine, the Committee supports maturing and focusing "innovation organizations" on rapidly fielding new capa-

bilities from new sources at scale. With distinct and complementary missions, organizations like DIU, the Chief Digital and Artificial Intelligence Office, the Office of Strategic Capital, AFWERX, SpaceWERX, NavalX, Task Force 59, the Army Applications Lab, and the Marine Corps Warfighting Lab show promise in creating a hedge to growing security risks. If properly focused and resourced, these above “innovation organizations” and others become part of a coordinated non-traditional innovation fielding enterprise. They will collaboratively have the unique potential to expand the diversity and scale of new weapon systems, concepts of operation, and industry partners in a way that creates resiliency for the Nation and strategic uncertainty for adversaries.

Unfortunately, it is not clear to the Committee that the Department is properly focusing, staffing, organizing, or resourcing these organizations, or fully exploring options to evolve requirements, budgeting, acquisition, and adoption processes to meet strategic intent. While the Committee’s direction to focus these efforts is detailed in the Research, Development, Test and Evaluation, Defense-Wide section of this report, the added emphasis on agile adoption approaches across this non-traditional innovation fielding enterprise requires broader consideration across all accounts. Approaches to leveraging new sources of technology, capital, and talent could significantly accelerate affordable fielding of critical joint capabilities. However, to be successful, small teams of technologists, acquirers, and warfighters must be focused on rapidly fielding solutions at scale to operationally relevant problems.

SPACE FORCE MISSION AREA BUDGET EXHIBIT

The Committee is aware of various proposals over the years to consolidate and align budgets into capability portfolios. The Committee recognizes that there may be potential benefits to an approach that more directly connects national security strategy and goals to the Department’s budget priorities, program plans, and ultimately to capabilities. Such an approach may also bring greater transparency and accuracy to the true total cost and resources needed to accomplish mission goals. While making an abrupt transition across the entire Department to a new budget structure would be unwieldy and unproductively disruptive, the development of a supplementary budget exhibit to be submitted along with the President’s budget request is a worthwhile trial to understand how the Department might implement a new approach based on organizing around specific mission areas. The Committee believes the Space Force is an appropriate starting point for this exercise because of its relatively small size compared to other Services.

Therefore, the Committee directs the Secretary of the Air Force, in coordination with the Under Secretary of Defense (Comptroller), to prepare a supplementary budget exhibit for Space Force programs that organizes and aligns the existing budget lines for programs, projects, and activities into mission area expenditure centers, such as missile warning, satellite communications, and position, navigation, and timing. The supplementary budget exhibit should also include separate mission area expenditure centers for enterprise management, enterprise information technology, and facilities and logistics. Each mission area is expected to include a clear statement of the mission goals and plans, a detailed and com-

pling justification for the requested budget and military and civilian personnel needed for the mission, and an alignment of all the relevant individual program elements, without further consolidation from the traditional budget exhibits and activity groups of the various appropriations. The Committee notes that the budget exhibits for the Military Intelligence Program and the National Intelligence Program may serve as a potential model and starting point for consideration. To be clear, this is a supplementary budget exhibit, not a substitute for the budget documentation typically provided each year.

The Committee directs the Secretary of the Air Force and Under Secretary of Defense (Comptroller) to submit a draft plan for the Space Force Mission Area Budget Exhibit to the House and Senate Appropriations Committees not later than September 1, 2023. The draft plan shall outline the structure of the exhibit, including defining each of the mission area expenditure centers, the data proposed to be included, and key personnel, such as identification of the program executive officer responsible for each mission area. The completed exhibit covering the entire Space Force budget request shall be submitted with the fiscal year 2025 President's budget request.

CYBER COMMAND BUDGET PRESENTATION

Under the enhanced budget control provided by the National Defense Authorization Act for Fiscal Year 2022, United States Cyber Command's fiscal year 2024 budget request totals \$2,837,377,000 across the operation and maintenance, procurement, and research, development, test and evaluation appropriations. The Committee expects Cyber Command to provide the same level of detail regarding budget execution and acquisition program schedules that customarily are provided by the Services and defense agencies. The Committee directs the Commander, United States Cyber Command, to consult with the House and Senate Appropriations Committees on developing budget presentation materials, that shall be presented with the fiscal year 2025 President's budget request, to preserve congressional oversight capacity and enhance communication between the Committees and the Command.

CLIMATE CHANGE

The Committee recommendation includes a reduction of \$714,840,000 for unjustified requests that seek to mitigate climate risk but do not improve combat capability or capacity. The Committee is dismayed that the budget request mischaracterizes requirements such as routine infrastructure and utilities upgrades, long-standing statutory compliance activities, combatant commander theater-setting efforts, and multilateral cold weather exercises as mitigating climate risk. This is a disingenuous practice that serves the Administration's prerogative at the expense of clarity in the Department's request and the Committee's ability to perform oversight.

DIVERSITY, EQUITY, AND INCLUSION

The Committee is concerned that Department of Defense programs operating under the auspices of diversity, equity, and inclusion serve to divide the military along racial, ethnic, or gender

lines rather than unite servicemembers to provide for the common defense. Therefore, the Committee recommendation includes a reduction of \$100,295,000 from the request for such activities. Further, the Committee is concerned by the propagation of the Department's Diversity, Equity, Inclusion, and Accessibility Strategic Plan. The Committee continues its longstanding and bipartisan support of disability rights and is concerned that grouping accessibility with these divisive concepts may negatively impact people with disabilities, including disabled military veterans.

CONGRESSIONAL LIAISON SUPPORT

The Committee relies heavily on the budget or appropriations liaison offices of the Secretary of Defense and the Service Secretaries to conduct its oversight responsibilities and make funding recommendations. These offices possess expertise and direct relationships to the financial management and comptroller organizations, which are essential to effective communication between the Department and the House and Senate Appropriations Committees. It is critical that the budget or appropriations liaison offices remain independent from the legislative liaison offices and retain the authority to respond directly and promptly with the information required by the Committee and its Members.

The Committee notes that the Secretary of Defense has not submitted a report directed in the joint explanatory statement accompanying the Department of Defense Appropriations Act, 2021, which directed the Secretary to submit proposals and recommendations to the House and Senate Appropriations Committees to strengthen the budget and appropriations liaison offices and improve coordination between the Department and the House and Senate Appropriations Committees. The Committee appreciates that the Department of the Air Force has, in consultation with the House and Senate Appropriations Committees, made improvements to their appropriations liaison office following this reporting requirement. However, the Committee assesses that additional proposals for improvement are needed, including from the Department and other Services. Therefore, the Committee directs the Secretary of Defense to submit this report not later than 60 days after the enactment of this Act.

CYBERSECURITY RISKS FROM COMMERCIAL INFORMATION TECHNOLOGY

The Committee is concerned by the cybersecurity risks to the United States government that stem from the purchase and use of commercial off-the-shelf information technology, particularly items from companies with connections to China's military and cyber espionage programs. A 2018 Inspector General Report (DODIG-2019-106) found the Department of Defense purchased and used at least \$33,000,000 of information technology items with commonly known cybersecurity risks and a 2023 Government Accountability Office report (GAO 23-105612) recommended the Department fully implement foundational practices for managing information and communications technology supply chain risks.

However, the scope of the problem is certainly not limited to the Department of Defense. Accordingly, the Committee directs the Secretary of Defense, in consultation with the Director of National

Intelligence, the Secretary of Commerce, and the Administrator of the General Services Administration, to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act. The report shall contain an updated threat assessment of the risks posed using commercially available information technology, particularly relating to computers and printers from countries of concern and shall include an assessment of the scale of their use across all networks. The report shall also include recommendations and legislative proposals, as appropriate, to inform future efforts to mitigate these threats and vulnerabilities. The report shall be submitted in unclassified form but may be accompanied by a classified annex.

SMALL BUSINESS

The Committee encourages the Secretary of Defense to contract with small businesses through multiple paths including the Office of Small Business Programs Mentor Protégé Program, APEX Accelerators, the Small Business Innovation Research Program, and the Small Business Technology Transfer Program. However, the Committee is concerned by the execution of the Department's small business programs. Therefore, the Committee directs the Secretary of Defense to brief the congressional defense committees, not later than 120 days after the enactment of this Act, on the effectiveness of the Department's agenda for these programs, including details on the prime and subcontractor base, the number of multiyear contracts awarded, the value of disbursements, due diligence processes to include mitigation to foreign influence risks, and the implementation of the new changes required under the Small Business Administration Reauthorization and Modernization Act of 2022.

Further, the Committee directs the Secretary of Defense to submit a quarterly report, beginning 45 days after the enactment of this Act, to the House and Senate Appropriations Committees on its efforts to work with minority and women-owned small businesses. The report shall adhere to the requirements outlined in House Report 117-388.

REPORTING REQUIREMENTS

The Committee finds it inexcusable that the Department of Defense has not submitted several reports directed by previous Acts. The Department's timely and fulsome response is critical to the Committee's oversight responsibilities. Therefore, the Committee recommendation includes a reduction of \$1,000,000 from the immediate Office of the Secretary of Defense.

TITLE I

MILITARY PERSONNEL

The fiscal year 2024 Department of Defense military personnel budget request and the Committee recommendation are summarized in the table below:

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

RECAPITULATION			
MILITARY PERSONNEL, ARMY.....	50,363,906	50,230,906	-133,000
MILITARY PERSONNEL, NAVY.....	38,020,388	37,615,388	-405,000
MILITARY PERSONNEL, MARINE CORPS.....	15,579,629	15,556,629	-23,000
MILITARY PERSONNEL, AIR FORCE.....	36,766,530	36,512,530	-254,000
MILITARY PERSONNEL, SPACE FORCE.....	1,266,573	1,239,573	-27,000
RESERVE PERSONNEL, ARMY.....	5,367,436	5,367,436	---
RESERVE PERSONNEL, NAVY.....	2,504,718	2,486,718	-18,000
RESERVE PERSONNEL, MARINE CORPS.....	903,928	898,928	-5,000
RESERVE PERSONNEL, AIR FORCE.....	2,471,408	2,459,466	-11,942
NATIONAL GUARD PERSONNEL, ARMY.....	9,783,569	9,766,369	-17,200
NATIONAL GUARD PERSONNEL, AIR FORCE.....	5,292,425	5,234,625	-57,800
GRAND TOTAL, TITLE I, MILITARY PERSONNEL.....	===== 168,320,510	===== 167,368,568	===== -951,942
GRAND TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	10,553,456	10,553,456	---
GRAND TOTAL, MILITARY PERSONNEL.....	===== 178,873,966	===== 177,922,024	===== -951,942

MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides \$177,922,024,000 for the military personnel accounts, which fund military pay and allowances, recruitment and retention initiatives, and overall quality of life programs for active duty, National Guard, and reserve personnel. The recommendation provides an increase in basic pay for all military personnel by 5.2 percent, effective January 1, 2024, and additional targeted pay increases for certain enlisted grades. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2024. The Committee remains supportive of programs intended to enhance the morale and quality of life of military personnel and their families.

SUMMARY OF END STRENGTH

The fiscal year 2024 President's budget request includes an increase of 9,100 in total end strength for the active forces and an increase of 3,300 in total end strength for the Selected Reserve as compared to fiscal year 2023 projected levels. Further, the total end strength in the budget request includes a decrease of 13,344 personnel below the fiscal year 2023 authorized level. The following tables summarize the Committee recommendations for end strength levels, both in the aggregate and for each active and Selected Reserve component.

OVERALL ACTIVE END STRENGTH

Fiscal year 2023 authorized	1,316,944
Fiscal year 2024 budget request	1,305,400
Fiscal year 2024 recommendation	1,305,400
Compared with fiscal year 2023	- 11,544
Compared with fiscal year 2024 budget request	- - -

OVERALL SELECTED RESERVE END STRENGTH

Fiscal year 2023 authorized	770,400
Fiscal year 2024 budget request	768,600
Fiscal year 2024 recommendation	768,600
Compared with fiscal year 2023	- 1,800
Compared with fiscal year 2024 budget request	- - -

SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal year 2024				
	Fiscal year 2023 authorized	Budget Request	Committee Recommended	Change from request	Change from fiscal year 2023
Active Forces (End Strength)					
Army	452,000	452,000	452,000	- - -	- - -
Navy	354,000	347,000	347,000	- - -	- 7,000
Marine Corps	177,000	172,300	172,300	- - -	- 4,700
Air Force	325,344	324,700	324,700	- - -	- 644
Space Force	8,600	9,400	9,400	- - -	800
Total, Active Forces	1,316,944	1,305,400	1,305,400	- - -	- 11,544
Guard and Reserve Forces (End Strength)					
Army Reserve	177,000	174,800	174,800	- - -	- 2,200
Navy Reserve	57,000	57,200	57,200	- - -	200
Marine Corps Reserve	33,000	33,600	33,600	- - -	600

SUMMARY OF MILITARY PERSONNEL END STRENGTH—Continued

	Fiscal year 2024				
	Fiscal year 2023 authorized	Budget Request	Committee Recommended	Change from request	Change from fiscal year 2023
Air Force Reserve	70,000	69,600	69,600	---	- 400
Army National Guard	325,000	325,000	325,000	---	0
Air National Guard	108,400	108,400	108,400	---	0
Total, Selected Reserve	770,400	768,600	768,600	---	- 1,800
Total, Military Personnel	2,087,344	2,074,000	2,074,000	---	- 13,344

REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL ACCOUNTS

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2024 appropriations accounts not later than 60 days after the enactment of this Act. The Secretary of Defense is prohibited from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until the aforementioned report is submitted to the House and Senate Defense Appropriations Subcommittees.

The Secretary of Defense is directed to use the normal prior approval reprogramming procedures to transfer funds in the Services' military personnel accounts between budget activities in excess of \$15,000,000.

MILITARY PERSONNEL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase "only for" or "only to" in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the Committee report. Below threshold reprogrammings may not be used to either restore or reduce funding from congressional special interest items as identified on the DD Form 1414.

END STRENGTH

The Committee is concerned that the continuing decline in military end strength has adversely impacted the Department of Defense's ability to execute the National Defense Strategy (NDS), which was developed at a time when the end strength of the active-duty Army and Marine Corps were 485,000 and 178,500 respectively. The fiscal year 2024 President's budget requests end strengths of 452,000 for the Army, the same as in fiscal year 2023, and 172,300 for the Marine Corps. These end strengths are the lowest for either Service in over 60 years. In particular, the Committee is concerned that the Army end strength request is significantly below the optimal level of 540,000 to 550,000, as stated by senior Army leadership in congressional testimony two years ago.

To assess the impact of declining end strength on the NDS, the Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than

60 days after the enactment of this Act. The report shall detail the end strength required by Service and active and reserve components to execute the NDS. The report shall also describe the risks incurred if end strength falls below those levels. Information contained in this report may be provided with a classified annex.

RECRUITMENT

The Committees notes that the inability of the Department of Defense to maintain sufficient end strength is directly attributable to the failure of recruitment efforts by the Services. Citing data from internally commissioned surveys, the Department and the Services reference external factors beyond their control as the primary reasons for this failure. The Committee is concerned, however, that the methodology used in these surveys may be inadequate in explaining the reluctance of youth to serve in the military.

The Committee also notes that recent public polling suggests that factors over which the Department and Services do have control may play a larger role than these surveys indicate. One recent poll by the Military Family Advisory Network reported an 11.6 percent decline from 2019 to 2021 in the number of military and veteran respondents who would recommend military life to those considering it. This was followed by another poll by the Ronald Reagan Presidential Foundation and Institute that found that the number of Americans who have a great deal of confidence in the United States military as an institution plummeted from 70 percent in 2018 to 48 percent in 2022.

To better understand the reasons for the recruiting crisis, therefore, the Secretary of Defense shall seek to enter into a contract or other agreement with an independent entity not under the direction or control of the Secretary of Defense, which could include a nationally recognized analytics and advisory company that specializes in public polling, to conduct a survey of the demographics that have historically served as the primary recruiting base for the military. The survey should, at a minimum, identify these demographics by age, race, sex, and state, and assess any changes in propensity for military service within this group. The survey should attempt to determine the reasons for changes, if any, using polling and other data. The survey should also attempt to identify the percentage in this demographic who have, or had, immediate family members that served in the military, such as parents or siblings. The Secretary is directed not to restrict the topics or polling questions that the selected entity may choose to pursue in relation to this survey. The entity selected to conduct the survey shall submit the survey findings concurrently to the Secretary of Defense and the congressional defense committees not later than 120 days after the enactment of this Act.

COVID-19 VACCINATION POLICY

The Committee assesses that the inability of the Department of Defense to reach end strength targets over the last two years was exacerbated by its mandatory COVID-19 vaccination policy. By the end of calendar year 2021, four months after the vaccine mandate went into effect, a total of 87 servicemembers had died from

COVID-19 out of a force of 2.1 million, an incidence rate of .005 percent. During that same period, 310 military personnel died in accidents. Yet to address this perceived COVID-19 crisis in the military, the Department implemented a vaccination policy which compounded an already existing end strength and recruiting crisis. Not only did this policy unnecessarily reduce end strength through the involuntary separation of thousands of servicemembers, but as acknowledged by senior Marine Corps leadership in 2022, it also hurt recruiting. In fiscal year 2023, Congress intervened to overturn this policy through section 525 of the James M. Inhofe National Defense Authorization Act for Fiscal Year 2023 (Public Law 117-263). Now that the policy has been rescinded, the Committee expects the Secretary to implement guidance that requires the Services to offer reinstatement to servicemembers who were involuntarily separated based solely on the Department's mandatory COVID-19 vaccination policy.

"EXTREMISM" IN THE MILITARY

The Committee is concerned that the Department of Defense's excessive and unjustified focus on "extremism" is further eroding the confidence of the American people in the military and harming recruiting. The Department's own data from January 2020 to February 2021 showed there were 87 "extremist-related" incidents across a force of 2.1 million, a .005 percent incidence rate. Yet the Chairman of the Joint Chiefs of Staff reported using 5,359,311 hours on a force-wide stand down in 2021 focused on "extremism," in addition to the Department standing up a Countering Extremist Activity Working Group that spent additional time and resources on an issue with an exceptionally rare incidence rate. The Department's actions signaled to the public—and potential recruits—that "extremism" is rampant in the military, which the Department's own data show is inaccurate. The Committee notes that the Department already has sufficient resources and policies to address and mitigate the exceptionally rare incidents of "extremism" and views a continued focus on this issue as an unjustified use of taxpayer funds. The Committee urges the Secretary of Defense to instead prioritize the Department's resources to address warfighting capabilities.

RELEASE OF PERSONALLY IDENTIFIABLE INFORMATION

The Committee is extremely concerned by the Air Force's improper release of Personally Identifiable Information between January 2021 and January 2023 to a politically aligned research group. This was a breach of trust with former servicemembers and could be perceived as the Department acting with political motivation. Therefore, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on what steps are being taken across the Services to prevent a future breach of this nature. The Committee further directs the Secretary of the Air Force to submit to the congressional defense committees an update on the investigation into this matter, not later than 30 days after the enactment of this Act, and quarterly thereafter, until the investigation is complete. Finally, the Committee has included a general

provision in the Act to further strengthen the privacy of servicemembers and veterans.

SUICIDE PREVENTION

The Committee remains concerned by the high rate of suicide among servicemembers. Therefore, in accordance with the Government Accountability Office (GAO) recommendations to address certain implementation gaps in the suicide prevention program (GAO-22-105888), the Committee directs the Service Secretaries to establish oversight mechanisms to ensure that all command and installation level suicide prevention program activities are implemented as required, to include those at remote overseas installations. To assess progress toward this goal, the Committee directs the Secretary of Defense, in coordination with the Service Secretaries, to submit a report, not later than 60 days after the enactment of this Act, that addresses the status of resolving the gaps identified by GAO.

SEXUAL ASSAULT PREVENTION

The Committee is very concerned by the continued increase in sexual assaults across the military and at the Service academies despite the increase in resources to implement the recommendations of the Independent Review Commission on Sexual Assault in the Military. The inability to reduce the incidence rate of sexual assault may be indicative of disjointed efforts across the Department of Defense. On the one hand, the Department has pointed out in numerous briefings to Congress over the past few years that alcohol is one of the primary contributing factors to sexual assault. On the other hand, the Army last year considered a plan to remove alcohol restrictions in its barracks to create a “positive alcohol culture.”

The Committee expects the Department to establish and adhere to a coordinated strategy across the Services and to execute programs based on definable metrics to determine which lines of effort are the most effective in addressing the scourge of sexual assault. In addition, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on efforts to implement the reforms outlined in the Secretary’s memo dated March 10, 2023, “Actions to Address and Prevent Sexual Assault at the Military Service Academies.”

CHILD ABUSE PREVENTION

The Committee is concerned by the rising rate of child maltreatment across the Nation. The Committee understands that the Government Accountability Office (GAO) recommended improvements (GAO-20-110) to the Department of Defense’s tracking of, and response to, child abuse, including within Department of Defense Education Activity programs. The Committee directs the Secretary of Defense to procure, test, and evaluate a standardized curriculum for child abuse prevention education for use by the Family Advocacy Program and military installations with affiliated Department

of Defense Dependent Schools and Domestic Dependent Elementary and Secondary Schools.

BLENDING RETIREMENT SYSTEM

The Committee recognizes that fiscal year 2024 will mark the fifth anniversary of the Department of Defense's implementation of the Blended Retirement System (BRS) and commends the Department for its efforts to ensure that servicemembers have proper access to financial security training. The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees on the status of BRS implementation not later than 90 days after the enactment of this Act. This report shall analyze any data collected on the impacts of current training modules and include quantifiable outcomes that assess the impact of the Department's current financial security training from the year prior to implementation through fiscal year 2024. It shall also detail an action plan that outlines additional tools and resources needed by the Department to further increase positive outcomes in enhancing financial literacy training for servicemembers.

PORTABILITY OF PROFESSIONAL LICENSES OF SERVICEMEMBERS AND THEIR SPOUSES

Veterans Auto and Education Improvement Act of 2022, in addition to Public Law 117-333, provides licensure reciprocity across state lines for the spouses of military servicemembers under certain conditions. The Committee directs the Secretary of Defense to issue guidance to all installation commanders, not later than 60 days after the enactment of this Act, on how to educate servicemembers and their spouses on this reciprocity.

MILITARY SPOUSE EMPLOYMENT

The Committee recognizes the need for comprehensive data to measure military spouse employment over time. Therefore, the Committee directs the Secretary of Defense to improve its assessment tools to better report on employment outcomes for this population. The Secretary shall submit a report to the congressional defense committees, not later than 180 days after the enactment of this Act, on the results of these efforts.

MINORITY OUTREACH AND OFFICER ACCESSIONS

The Committee supports efforts to conduct effective outreach and recruiting programs focused on increasing officer accessions in minority communities and encourages the Secretary of Defense and the Service Secretaries to support such efforts.

MILITARY PERSONNEL, ARMY

The Committee recommends the following appropriations for Military Personnel, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	9,125,119	9,125,119	0
10 RETIRED PAY ACCRUAL	2,689,228	2,689,228	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	100,934	100,934	0
25 BASIC ALLOWANCE FOR HOUSING	2,736,833	2,736,833	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	381,692	381,692	0
35 INCENTIVE PAYS	99,364	99,364	0
40 SPECIAL PAYS	380,166	380,166	0
45 ALLOWANCES	155,377	155,377	0
50 SEPARATION PAY	73,610	73,610	0
55 SOCIAL SECURITY TAX	695,596	695,596	0
60 BASIC PAY	15,838,264	15,838,264	0
65 RETIRED PAY ACCRUAL	4,679,458	4,679,458	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	296,009	296,009	0
80 BASIC ALLOWANCE FOR HOUSING	5,544,896	5,544,896	0
85 INCENTIVE PAYS	83,975	83,975	0
90 SPECIAL PAYS	1,120,730	1,120,730	0
95 ALLOWANCES	648,509	648,509	0
100 SEPARATION PAY	314,443	314,443	0
105 SOCIAL SECURITY TAX	1,211,627	1,211,627	0
110 ACADEMY CADETS	107,478	107,478	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,542,267	1,542,267	0
120 SUBSISTENCE-IN-KIND	790,328	790,328	0
125 ACCESSION TRAVEL	131,529	131,529	0
130 TRAINING TRAVEL	167,460	167,460	0
135 OPERATIONAL TRAVEL	441,015	441,015	0

M-1	Budget Request	Committee Recommended	Change from Request
140 ROTATIONAL TRAVEL	678,526	678,526	0
145 SEPARATION TRAVEL	231,136	231,136	0
150 TRAVEL OF ORGANIZED UNITS	5,181	5,181	0
155 NON-TEMPORARY STORAGE	14,740	14,740	0
160 TEMPORARY LODGING EXPENSE	160,247	160,247	0
170 APPREHENSION OF MILITARY DESERTERS	86	86	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	1,977	1,977	0
180 DEATH GRATUITIES	34,400	34,400	0
185 UNEMPLOYMENT BENEFITS	57,231	57,231	0
200 ADOPTION EXPENSES	231	231	0
210 TRANSPORTATION SUBSIDY	4,631	4,631	0
215 PARTIAL DISLOCATION ALLOWANCE	300	300	0
216 SGLI EXTRA HAZARD PAYMENTS	3,358	3,358	0
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	104,684	104,684	0
218 JUNIOR ROTC	24,660	24,660	0
219 TRAUMATIC INJURY PROTECTION COVERAGE (T-SGLI)	500	500	0
LESS REIMBURSABLES	-313,889	-313,889	0
UNDISTRIBUTED ADJUSTMENT	0	-133,000	-133,000
Historical unobligated balances		-33,000	
Projected underexecution		-100,000	
TOTAL, TITLE I, MILITARY PERSONNEL, ARMY	50,363,906	50,230,906	-133,000
300 HEALTH CARE CONTRIBUTION - OFFICERS	592,533	592,533	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	2,254,182	2,254,182	0
TOTAL, MILITARY PERSONNEL, ARMY	53,210,621	53,077,621	-133,000

MILITARY PERSONNEL, NAVY

The Committee recommends the following appropriations for
Military Personnel, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	5,396,209	5,396,209	0
10 RETIRED PAY ACCRUAL	1,614,147	1,614,147	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	80,484	80,484	0
25 BASIC ALLOWANCE FOR HOUSING	2,033,804	2,033,804	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	219,578	219,578	0
35 INCENTIVE PAYS	172,751	172,751	0
40 SPECIAL PAYS	483,232	483,232	0
45 ALLOWANCES	116,422	116,422	0
50 SEPARATION PAY	43,046	43,046	0
55 SOCIAL SECURITY TAX	412,085	412,085	0
60 BASIC PAY	12,128,900	12,128,900	0
65 RETIRED PAY ACCRUAL	3,633,621	3,633,621	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	184,961	184,961	0
80 BASIC ALLOWANCE FOR HOUSING	6,172,591	6,172,591	0
85 INCENTIVE PAYS	114,539	114,539	0
90 SPECIAL PAYS	1,348,387	1,348,387	0
95 ALLOWANCES	464,554	464,554	0
100 SEPARATION PAY	114,504	114,504	0
105 SOCIAL SECURITY TAX	927,945	927,945	0
110 MIDSHIPMEN	110,242	110,242	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,074,172	1,074,172	0
120 SUBSISTENCE-IN-KIND	536,995	536,995	0
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	5	5	0
125 ACCESSION TRAVEL	103,198	103,198	0
130 TRAINING TRAVEL	114,694	114,694	0

M-1	Budget Request	Committee Recommended	Change from Request
135 OPERATIONAL TRAVEL	304,458	304,458	0
140 ROTATIONAL TRAVEL	250,005	250,005	0
145 SEPARATION TRAVEL	127,644	127,644	0
150 TRAVEL OF ORGANIZED UNITS	31,505	31,505	0
155 NON-TEMPORARY STORAGE	15,647	15,647	0
160 TEMPORARY LODGING EXPENSE	41,227	41,227	0
170 APPREHENSION OF MILITARY DESERTERS	84	84	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	510	510	0
180 DEATH GRATUITIES	20,200	20,200	0
185 UNEMPLOYMENT BENEFITS	50,854	50,854	0
195 EDUCATION BENEFITS	752	752	0
200 ADOPTION EXPENSES	157	157	0
210 TRANSPORTATION SUBSIDY	2,585	2,585	0
215 PARTIAL DISLOCATION ALLOWANCE	58	58	0
216 SGLI EXTRA HAZARD PAYMENTS	5,010	5,010	0
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	22,326	22,326	0
218 JUNIOR ROTC	16,534	16,534	0
LESS REIMBURSABLES	-470,234	-470,234	0
UNDISTRIBUTED ADJUSTMENT	0	-405,000	-405,000
Historical unobligated balances		-52,000	
Projected underexecution		-353,000	
TOTAL, TITLE I, MILITARY PERSONNEL, NAVY	38,020,388	37,615,388	-405,000
300 HEALTH CARE CONTRIBUTION - OFFICERS	362,754	362,754	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	1,812,903	1,812,903	0
TOTAL, MILITARY PERSONNEL, NAVY	40,196,045	39,791,045	-405,000

MILITARY PERSONNEL, MARINE CORPS

The Committee recommends the following appropriations for
Military Personnel, Marine Corps:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	1,974,868	1,974,868	0
10 RETIRED PAY ACCRUAL	590,553	590,553	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	34,551	34,551	0
25 BASIC ALLOWANCE FOR HOUSING	686,747	686,747	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	78,085	78,085	0
35 INCENTIVE PAYS	53,412	53,412	0
40 SPECIAL PAYS	15,873	15,873	0
45 ALLOWANCES	37,236	37,236	0
50 SEPARATION PAY	20,429	20,429	0
55 SOCIAL SECURITY TAX	144,939	144,939	0
60 BASIC PAY	5,683,202	5,683,202	0
65 RETIRED PAY ACCRUAL	1,701,521	1,701,521	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	184,452	184,452	0
80 BASIC ALLOWANCE FOR HOUSING	1,920,801	1,920,801	0
85 INCENTIVE PAYS	7,794	7,794	0
90 SPECIAL PAYS	298,736	298,736	0
95 ALLOWANCES	244,792	244,792	0
100 SEPARATION PAY	105,270	105,270	0
105 SOCIAL SECURITY TAX	434,425	434,425	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	487,335	487,335	0
120 SUBSISTENCE-IN-KIND	404,239	404,239	0
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	10	10	0
125 ACCESSION TRAVEL	67,249	67,249	0
130 TRAINING TRAVEL	16,999	16,999	0
135 OPERATIONAL TRAVEL	176,291	176,291	0

M-1	Budget Request	Committee Recommended	Change from Request
140 ROTATIONAL TRAVEL	92,267	92,267	0
145 SEPARATION TRAVEL	94,787	94,787	0
150 TRAVEL OF ORGANIZED UNITS	343	343	0
155 NON-TEMPORARY STORAGE	8,637	8,637	0
160 TEMPORARY LODGING EXPENSE	3,388	3,388	0
165 OTHER	1,857	1,857	0
170 APPREHENSION OF MILITARY DESERTERS	256	256	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	73	73	0
180 DEATH GRATUITIES	13,600	13,600	0
185 UNEMPLOYMENT BENEFITS	14,843	14,843	0
200 ADOPTION EXPENSES	80	80	0
210 TRANSPORTATION SUBSIDY	558	558	0
215 PARTIAL DISLOCATION ALLOWANCE	26	26	0
216 SGLI EXTRA HAZARD PAYMENTS	1,726	1,726	0
218 JUNIOR ROTC	4,079	4,079	0
LESS REIMBURSABLES	-26,700	-26,700	0
UNDISTRIBUTED ADJUSTMENT	0	-23,000	-23,000
Historical unobligated balances		-23,000	
TOTAL, TITLE I, MILITARY PERSONNEL, MARINE CORPS	15,579,629	15,556,629	-23,000
300 HEALTH CARE CONTRIBUTION - OFFICERS	138,585	138,585	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	964,350	964,350	0
TOTAL, MILITARY PERSONNEL, MARINE CORPS	16,682,564	16,659,564	-23,000

MILITARY PERSONNEL, AIR FORCE

The Committee recommends the following appropriations for
Military Personnel, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	6,144,316	6,144,316	0
10 RETIRED PAY ACCRUAL	1,822,432	1,822,432	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	98,618	98,618	0
25 BASIC ALLOWANCE FOR HOUSING	1,905,549	1,905,549	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	245,227	245,227	0
35 INCENTIVE PAYS	445,356	445,356	0
40 SPECIAL PAYS	381,481	381,481	0
45 ALLOWANCES	123,972	123,972	0
50 SEPARATION PAY	38,784	38,784	0
55 SOCIAL SECURITY TAX	469,428	469,428	0
60 BASIC PAY	11,534,996	11,534,996	0
65 RETIRED PAY ACCRUAL	3,427,716	3,427,716	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	243,532	243,532	0
80 BASIC ALLOWANCE FOR HOUSING	5,005,076	5,005,076	0
85 INCENTIVE PAYS	71,182	71,182	0
90 SPECIAL PAYS	398,310	398,310	0
95 ALLOWANCES	652,095	652,095	0
100 SEPARATION PAY	68,674	68,674	0
105 SOCIAL SECURITY TAX	882,428	882,428	0
110 ACADEMY CADETS	100,522	100,522	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,368,139	1,368,139	0
120 SUBSISTENCE-IN-KIND	322,990	322,990	0
125 ACCESSION TRAVEL	95,864	95,864	0
130 TRAINING TRAVEL	66,338	66,338	0
135 OPERATIONAL TRAVEL	338,094	338,094	0

M-1	Budget Request	Committee Recommended	Change from Request
140 ROTATIONAL TRAVEL	579,562	579,562	0
145 SEPARATION TRAVEL	136,259	136,259	0
150 TRAVEL OF ORGANIZED UNITS	13,521	13,521	0
155 NON-TEMPORARY STORAGE	32,038	32,038	0
160 TEMPORARY LODGING EXPENSE	99,166	99,166	0
170 APPREHENSION OF MILITARY DESERTERS	26	26	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	1,644	1,644	0
180 DEATH GRATUITIES	16,300	16,300	0
185 UNEMPLOYMENT BENEFITS	29,781	29,781	0
195 EDUCATION BENEFITS	4	4	0
200 ADOPTION EXPENSES	407	407	0
210 TRANSPORTATION SUBSIDY	7,610	7,610	0
215 PARTIAL DISLOCATION ALLOWANCE	24,647	24,647	0
216 SGLI EXTRA HAZARD PAYMENTS	5,680	5,680	0
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	36,823	36,823	0
218 JUNIOR ROTC	24,657	24,657	0
LESS REIMBURSABLES	-492,714	-492,714	0
UNDISTRIBUTED ADJUSTMENT	0	-254,000	-254,000
Historical unobligated balances		-28,000	
Projected underexecution		-226,000	
TOTAL, TITLE I, MILITARY PERSONNEL, AIR FORCE	36,766,530	36,512,530	-254,000
300 HEALTH CARE CONTRIBUTION - OFFICERS	390,865	390,865	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	1,657,114	1,657,114	0
TOTAL, MILITARY PERSONNEL, AIR FORCE	38,814,509	38,560,509	-254,000

MILITARY PERSONNEL, SPACE FORCE

The Committee recommends the following appropriations for
Military Personnel, Space Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	437,872	437,872	0
10 RETIRED PAY ACCRUAL	130,516	130,516	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	2,840	2,840	0
25 BASIC ALLOWANCE FOR HOUSING	139,278	139,278	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	17,586	17,586	0
40 SPECIAL PAYS	1,917	1,917	0
45 ALLOWANCES	2,627	2,627	0
50 SEPARATION PAY	3,606	3,606	0
55 SOCIAL SECURITY TAX	33,435	33,435	0
60 BASIC PAY	216,094	216,094	0
65 RETIRED PAY ACCRUAL	64,058	64,058	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	4,834	4,834	0
80 BASIC ALLOWANCE FOR HOUSING	109,856	109,856	0
90 SPECIAL PAYS	8,298	8,298	0
95 ALLOWANCES	7,697	7,697	0
100 SEPARATION PAY	1,376	1,376	0
105 SOCIAL SECURITY TAX	16,531	16,531	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	27,027	27,027	0
125 ACCESSION TRAVEL	6,504	6,504	0
130 TRAINING TRAVEL	2,880	2,880	0
135 OPERATIONAL TRAVEL	11,287	11,287	0
140 ROTATIONAL TRAVEL	9,180	9,180	0
145 SEPARATION TRAVEL	4,616	4,616	0
150 TRAVEL OF ORGANIZED UNITS	87	87	0
155 NON-TEMPORARY STORAGE	1,243	1,243	0

M-1	Budget Request	Committee Recommended	Change from Request
160 TEMPORARY LODGING EXPENSE	2,422	2,422	0
180 DEATH GRATUITIES	1,600	1,600	0
185 UNEMPLOYMENT BENEFITS	1,086	1,086	0
200 ADOPTION EXPENSES	8	8	0
210 TRANSPORTATION SUBSIDY	170	170	0
216 SGLI EXTRA HAZARD PAYMENTS	42	42	0
UNDISTRIBUTED ADJUSTMENT	0	-27,000	-27,000
Projected underexecution		-27,000	
TOTAL, TITLE I, MILITARY PERSONNEL, SPACE FORCE	1,266,573	1,239,573	-27,000
300 HEALTH CARE CONTRIBUTION - OFFICERS	28,547	28,547	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	29,469	29,469	0
TOTAL, MILITARY PERSONNEL, SPACE FORCE	1,324,589	1,297,589	-27,000

RESERVE PERSONNEL, ARMY

The Committee recommends the following appropriations for Reserve Personnel, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,592,538	1,592,538	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY	47,438	47,438	0
30 PAY GROUP F TRAINING (RECRUITS)	239,074	239,074	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	6,336	6,336	0
60 MOBILIZATION TRAINING	2,678	2,678	0
70 SCHOOL TRAINING	238,216	238,216	0
80 SPECIAL TRAINING	365,520	365,520	0
90 ADMINISTRATION AND SUPPORT	2,735,707	2,735,707	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	25,635	25,635	0
100 EDUCATION BENEFITS	14,665	14,665	0
120 HEALTH PROFESSION SCHOLARSHIP	60,890	60,890	0
130 OTHER PROGRAMS (ADMIN & SUPPORT)	38,739	38,739	0
TOTAL, TITLE I, RESERVE PERSONNEL, ARMY	5,367,436	5,367,436	0
HEALTH CARE CONTRIBUTION - RESERVE			
300 COMPONENT	502,581	502,581	0
TOTAL, RESERVE PERSONNEL, ARMY	5,870,017	5,870,017	0

RESERVE PERSONNEL, NAVY

The Committee recommends the following appropriations for Reserve Personnel, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	795,087	795,087	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY	11,602	11,602	0
30 PAY GROUP F TRAINING (RECRUITS)	53,811	53,811	0
60 MOBILIZATION TRAINING	16,085	16,085	0
70 SCHOOL TRAINING	68,856	68,856	0
80 SPECIAL TRAINING	151,068	151,068	0
90 ADMINISTRATION AND SUPPORT	1,333,883	1,333,883	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	10,968	10,968	0
100 EDUCATION BENEFITS	2,323	2,323	0
120 HEALTH PROFESSION SCHOLARSHIP	61,035	61,035	0
UNDISTRIBUTED ADJUSTMENT	0	-18,000	-18,000
Historical unobligated balances		-8,000	
Projected underexecution		-10,000	
TOTAL, TITLE I, RESERVE PERSONNEL, NAVY	2,504,718	2,486,718	-18,000
HEALTH CARE CONTRIBUTION - RESERVE			
300 COMPONENT	183,698	183,698	0
TOTAL, RESERVE PERSONNEL, NAVY	2,688,416	2,670,416	-18,000

RESERVE PERSONNEL, MARINE CORPS

The Committee recommends the following appropriations for Reserve Personnel, Marine Corps:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	266,019	266,019	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY	54,276	54,276	0
30 PAY GROUP F TRAINING (RECRUITS)	137,336	137,336	0
60 MOBILIZATION TRAINING	1,426	1,426	0
70 SCHOOL TRAINING	27,169	27,169	0
80 SPECIAL TRAINING	65,086	65,086	0
90 ADMINISTRATION AND SUPPORT	331,318	331,318	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	7,747	7,747	0
95 PLATOON LEADER CLASS	7,469	7,469	0
100 EDUCATION BENEFITS	6,082	6,082	0
UNDISTRIBUTED ADJUSTMENT	0	-5,000	-5,000
Historical unobligated balances		-5,000	
TOTAL, TITLE I, RESERVE PERSONNEL, MARINE CORPS	903,928	898,928	-5,000
HEALTH CARE CONTRIBUTION - RESERVE 300 COMPONENT	94,316	94,316	0
TOTAL, RESERVE PERSONNEL, MARINE CORPS	998,244	993,244	-5,000

RESERVE PERSONNEL, AIR FORCE

The Committee recommends the following appropriations for Reserve Personnel, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	757,342	757,342	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY	113,309	113,309	0
30 PAY GROUP F TRAINING (RECRUITS)	60,515	60,515	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	5,146	5,146	0
60 MOBILIZATION TRAINING	769	769	0
70 SCHOOL TRAINING	198,725	198,725	0
80 SPECIAL TRAINING	333,078	333,078	0
90 ADMINISTRATION AND SUPPORT	902,980	902,980	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	15,734	15,734	0
100 EDUCATION BENEFITS	10,404	10,404	0
120 HEALTH PROFESSION SCHOLARSHIP	72,435	72,435	0
130 OTHER PROGRAMS (ADMIN & SUPPORT)	971	971	0
UNDISTRIBUTED ADJUSTMENT	0	-11,942	-11,942
Historical unobligated balances		-10,000	
Projected underexecution		-1,942	
TOTAL, TITLE I, RESERVE PERSONNEL, AIR FORCE	2,471,408	2,459,466	-11,942
HEALTH CARE CONTRIBUTION - RESERVE			
300 COMPONENT	198,046	198,046	0
TOTAL, RESERVE PERSONNEL, AIR FORCE	2,669,454	2,657,512	-11,942

NATIONAL GUARD PERSONNEL, ARMY

The Committee recommends the following appropriations for National Guard Personnel, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	2,720,787	2,720,787	0
30 PAY GROUP F TRAINING (RECRUITS)	600,118	600,118	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	60,361	60,361	0
70 SCHOOL TRAINING	591,765	591,765	0
80 SPECIAL TRAINING	819,779	837,379	17,600
Program increase - State Partnership Program		9,100	
Program increase - Northern Strike		8,500	
90 ADMINISTRATION AND SUPPORT	4,941,628	4,941,628	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	38,840	38,840	0
100 EDUCATION BENEFITS	10,291	10,291	0
UNDISTRIBUTED ADJUSTMENT	0	-34,800	-34,800
Historical unobligated balances		-27,000	
Diversity, Equity, and Inclusion		-7,800	
TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, ARMY	9,783,569	9,766,369	-17,200
HEALTH CARE CONTRIBUTION - RESERVE			
300 COMPONENT	971,647	971,647	0
TOTAL, NATIONAL GUARD PERSONNEL, ARMY	10,755,216	10,738,016	-17,200

NATIONAL GUARD PERSONNEL, AIR FORCE

The Committee recommends the following appropriations for National Guard Personnel, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,125,121	1,125,121	0
30 PAY GROUP F TRAINING (RECRUITS)	106,460	106,460	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	4,405	4,405	0
70 SCHOOL TRAINING	319,496	319,496	0
80 SPECIAL TRAINING	217,458	222,258	4,800
Program increase - State Partnership Program		2,800	
Program increase - Northern Strike		2,000	
90 ADMINISTRATION AND SUPPORT	3,475,783	3,475,783	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	27,540	27,540	0
100 EDUCATION BENEFITS	16,162	16,162	0
UNDISTRIBUTED ADJUSTMENT	0	-62,600	-62,600
Historical unobligated balances		-26,000	
Projected underexecution		-33,000	
Diversity, Equity, and Inclusion		-3,600	
TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, AIR FORCE	5,292,425	5,234,625	-57,800
HEALTH CARE CONTRIBUTION - RESERVE			
300 COMPONENT	371,866	371,866	0
TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	5,664,291	5,606,491	-57,800

TITLE II

OPERATION AND MAINTENANCE

The fiscal year 2024 Department of Defense operation and maintenance budget request and the Committee recommendation are summarized in the table below:

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

RECAPITULATION			
OPERATION AND MAINTENANCE, ARMY.....	59,554,553	60,526,399	+971,846
OPERATION AND MAINTENANCE, NAVY.....	72,244,533	73,547,305	+1,302,772
OPERATION AND MAINTENANCE, MARINE CORPS.....	10,281,913	10,909,609	+627,696
OPERATION AND MAINTENANCE, AIR FORCE.....	62,750,095	63,460,822	+710,727
OPERATION AND MAINTENANCE, SPACE FORCE.....	5,017,468	4,890,886	-126,582
OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	52,767,563	52,453,715	-313,848
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF).....	397,950	397,950	---
OPERATION AND MAINTENANCE, ARMY RESERVE.....	3,630,948	3,559,248	-71,700
OPERATION AND MAINTENANCE, NAVY RESERVE.....	1,380,810	1,366,710	-14,100
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE.....	329,395	323,395	-6,000
OPERATION AND MAINTENANCE, AIR FORCE RESERVE.....	4,116,256	4,056,196	-60,060
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD.....	8,683,104	8,612,404	-70,700
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD.....	7,253,694	7,250,745	-2,949
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES...	16,620	16,620	---
ENVIRONMENTAL RESTORATION, ARMY.....	198,760	198,760	---
ENVIRONMENTAL RESTORATION, NAVY.....	335,240	345,240	+10,000
ENVIRONMENTAL RESTORATION, AIR FORCE.....	349,744	359,744	+10,000
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE.....	8,965	8,965	---
ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES	232,806	232,806	---
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID.....	114,900	142,500	+27,600
COOPERATIVE THREAT REDUCTION ACCOUNT.....	350,999	350,999	---
DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT.....	54,977	54,977	---
	=====	=====	=====
GRAND TOTAL, OPERATION AND MAINTENANCE.....	290,071,293	293,085,995	+2,994,702

REPROGRAMMING GUIDANCE FOR OPERATION AND MAINTENANCE
ACCOUNTS

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2024 appropriation accounts not later than 60 days after the enactment of this Act. The Secretary of Defense is prohibited from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until the aforementioned report is submitted to the House and Senate Defense Appropriations Subcommittees.

The Secretary of Defense is directed to use the normal prior approval reprogramming procedures to transfer funds in the Services' operation and maintenance accounts between O-1 budget activities, or between sub-activity groups in the case of Operation and Maintenance, Defense-Wide, in excess of \$15,000,000. In addition, the Secretary of Defense shall follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 out of the following readiness sub-activity groups:

Army:

- Maneuver units
- Modular support brigades
- Land forces operations support
- Aviation assets
- Force readiness operations support
- Land forces depot maintenance
- Base operations support
- Facilities sustainment, restoration, and modernization
- Specialized skill training
- Flight training

Navy:

- Mission and other flight operations
- Fleet air training
- Aircraft depot maintenance
- Mission and other ship operations
- Ship depot maintenance
- Combat support forces
- Facilities sustainment, restoration, and modernization
- Base operating support

Marine Corps:

- Operational forces
- Field logistics
- Depot maintenance
- Facilities sustainment, restoration, and modernization

Air Force:

- Primary combat forces
- Combat enhancement forces
- Depot purchase equipment maintenance
- Facilities sustainment, restoration, and modernization
- Contractor logistics support and system support
- Flying hour program

Space Force:

- Global C3I and early warning
- Space operations

Contractor logistics support and system support

Administration

Air Force Reserve:

Primary combat forces

Air National Guard:

Aircraft operations

Additionally, the Secretary of Defense is directed to use normal prior approval reprogramming procedures when implementing transfers in excess of \$15,000,000 into the following budget sub-activities:

Operation and Maintenance, Air Force:

Base support

Operation and Maintenance, Army National Guard:

Base operations support

Facilities sustainment, restoration, and modernization

Management and operational headquarters

Operation and Maintenance, Air National Guard:

Aircraft operations

Contractor logistics support and systems support

REPROGRAMMING GUIDANCE FOR SPECIAL OPERATIONS COMMAND

The Committee directs the Secretary of Defense to submit a baseline report that shows the Special Operations Command's operation and maintenance funding by sub-activity group for the fiscal year 2024 appropriation not later than 60 days after the enactment of this Act. The Secretary of Defense is further directed to submit quarterly execution reports to the congressional defense committees not later than 45 days after the end of each fiscal quarter that addresses the rationale for the realignment of any funds within and between budget sub-activities and the movement of any base funds used to support overseas contingency operations. Finally, the Secretary of Defense is directed to notify the congressional defense committees 30 days prior to the realignment of funds in excess of \$15,000,000 between sub-activity groups.

OPERATION AND MAINTENANCE SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase "only for" or "only to" in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in this report. Below threshold reprogrammings may not be used to either restore or reduce funding from congressional special interest items as identified on the DD Form 1414.

OPERATION AND MAINTENANCE BUDGET EXECUTION DATA

The Secretary of Defense and Service Secretaries are directed to provide the congressional defense committees with quarterly budget execution data. Such data should be provided not later than 45 days after the close of each quarter of the fiscal year and should be provided for each O-1 budget activity, activity group, and sub-

activity group for each of the active, defense-wide, reserve, and National Guard components. For each O-1 budget activity, activity group, and sub-activity group, these reports should include the budget request and actual obligations amount, the distribution of unallocated congressional adjustments to the budget request, all adjustments made by the Department in establishing the Base for Reprogramming (DD Form 1414) report, all adjustments resulting from below threshold reprogrammings, and all adjustments resulting from prior approval reprogramming requests.

RESTORING READINESS

The Committee recommendation includes additional readiness funds for each of the Services within the operation and maintenance accounts which shall only be used to improve military readiness, including providing for increased training and depot maintenance activities. None of the funding provided may be used for recruiting, marketing, or advertising programs. The additional funding is a congressional special interest item. The Committee directs the Secretary of Defense and the Service Secretaries to submit a detailed spend plan by sub-activity group to the House and Senate Appropriations Committees not less than 30 days prior to the obligation of these funds.

FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION

The Committee is deeply concerned by the state of Department of Defense facilities and infrastructure. In 2020, the Department reported a \$137,000,000,000 backlog of deferred facility maintenance projects. This backlog directly impacts safety, quality of life for servicemembers, and readiness. The Committee is therefore disappointed to see that the fiscal year 2024 request included over \$690,000,000 in facilities sustainment, restoration and modernization (FSRM) for projects related to climate change mitigation. This diversion of FSRM funds misguidedly prioritizes partisan spending priorities over the urgent needs of servicemembers. Therefore, the Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, to certify that fiscal year 2024 FSRM funds will only be used for the highest priority military requirements. This report will also provide a detailed plan to address the Department's backlog of deferred maintenance and impacts of the continued backlog.

ADVERSE IMPACT OF OFFSHORE WIND SITES

The Committee is concerned about potential adverse effects of offshore wind energy development on military readiness and training activities, including but not limited to training and range complexes in the Atlantic Ocean and Gulf of Mexico. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 180 days after the enactment of this Act, on the adverse effects of such development proposals and the actions the Department is taking to ensure that operations and training are not negatively impacted.

MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation supports the fiscal year 2024 President's budget request for meals ready-to-eat and reaffirms its support for the Defense Logistics Agency War Reserve stock objective of 5,000,000 cases.

TRIBAL CONSULTATION

The Committee is disappointed that the Secretary of Defense has failed, for the past two fiscal years, to submit a report to the House and Senate Appropriations Committees outlining how the Department is upholding the Presidential Memorandum dated January 26, 2021, regarding Tribal Consultation and Strengthening Nation-to-Nation Relationships. The Committee once again directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act as required in House Report 117-388.

INDIAN FINANCING ACT

The Committee recommendation includes funds for activities authorized in the Indian Financing Act of 1974 and directs the Secretary of Defense to obligate such funds not later than 90 days after the enactment of this Act.

FINANCIAL AUDIT

It remains Congress' intent to increase transparency and reduce poor management practices at the Department of Defense; therefore, not later than 180 days after the end of each fiscal year, the Secretary of Defense shall submit a report to the congressional defense committees, for each component that has not received an unqualified opinion, on the progress made and the significant outstanding challenges to achieve an unqualified opinion.

Further, the Government Accountability Office (GAO) recently issued a report entitled, "DoD Needs to Improve System Oversight" (GAO-23-104539), which includes nine recommendations for the Department to address systemic deficiencies in Departmental financial and business systems. The Committee directs the Secretary of Defense to provide a briefing to the congressional defense committees, not later than 60 days after the enactment of this Act, on the Department's plan to implement the GAO recommendations.

IMPROPER PAYMENTS

The Committee is concerned by the volume of improper payments made by the Department of Defense. The Department's fiscal year 2022 agency financial report stated that it made over \$2,000,000,000 in improper payments. It also indicated that civilian and military pay are susceptible to improper payments. Moreover, in fiscal year 2021, the Department's Office of the Inspector General found the Department published unreliable, improper, and unknown payment estimates for all nine Department programs reporting estimates, including civilian and military pay.

Therefore, the Committee directs the Comptroller General to provide a preliminary briefing to the congressional defense committees

not later than April 30, 2024, with a report to follow by a mutually agreed upon date, on the following:

- (1) how the Department calculates and reports its estimated improper payment rates;
- (2) amounts for civilian and military pay improper payments;
- (3) what steps the Department could take to strengthen the reliability of its calculation;
- (4) the extent to which the Department's reported civilian and military pay improper payment rates differ by organization and what factors explain these differences; and
- (5) the extent to which Department is taking steps to prevent and reduce improper payments in these programs.

ABILITYONE COMPLIANCE

The Committee notes that the AbilityOne program is a critical component of the defense industrial base. The Committee is concerned that a growing number of items suitable for AbilityOne production are not being procured in accordance with the Javits-Wagner-O'Day Act (41 U.S.C. 48). The Committee directs the Secretary of Defense to ensure compliance with existing mandatory source statutes.

ADVERTISING

The Committee understands the federal government, as the largest advertiser in the United States, should work to ensure fair access to its advertising contracts for small, disadvantaged businesses and businesses owned by service-disabled veterans, minorities and women. The Committee directs each agency under jurisdiction of this Act to include the following information in its fiscal year 2025 budget justification: expenditures for fiscal year 2024 and expected expenditures for fiscal year 2025 for all contracts for advertising services; contracts for the advertising services of socially and economically disadvantaged small businesses concerns (as defined in section 8(a)(4) of the Small Business Act (15 U.S.C. 637 (a)(4)), and contracts for the advertising services of service-disabled veteran-, women-, and minority-owned businesses.

CHILDCARE

The Committee notes the Department of Defense's efforts to increase capacity at childcare development centers. The Committee directs the Secretary of Defense and Service Secretaries to brief the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, on the capacity of Department of Defense childcare development centers, challenges in hiring sufficient staff, and the Department's plan to reduce wait time for dependents of servicemembers.

DEFENSE COMMISSARIES

The Committee is concerned that the Defense Commissary Agency has not addressed Government Accountability Office (GAO) recommendations, to include an analysis of the accuracy of its overseas customer savings rate methodology (GAO-22-104728). The Committee directs the Secretary of Defense to provide a briefing to

the congressional defense committees, not later than 30 days after the enactment of this Act, on the progress toward implementation of the GAO report recommendations.

FOOD ASSISTANCE PROGRAMS

The Committee is concerned the Department of Defense is failing to ensure that food assistance programs are reaching military personnel and their families. Therefore, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on the Department's food assistance programs. The report shall include any efforts to expand assistance, lessons learned from the Department of Veterans Affairs programs, and include an analysis on how the Department's efforts will meet the needs of at-risk military personnel and their families.

PER- AND POLYFLUOROALKYL SUBSTANCES MITIGATION

Addressing the health effects of Per- and Polyfluoroalkyl Substances (PFAS) continues to be a priority for the Committee, particularly the impacts on servicemembers, their families, and local communities. The Committee appreciates that the Department of Defense and the Services have been testing drinking water and conducting site assessments and remedial investigations to fully understand the scope and impacts of PFAS migration. Further, the Committee understands that existing technologies, such as in situ treatment, have been evaluated and proven effective by the Environmental Protection Agency. The Committee is therefore disappointed that the Department has not begun to employ these technologies in lieu of costly and inefficient techniques. The Committee directs the Secretary of Defense and Service Secretaries to prioritize the utilization of proven PFAS groundwater and soil remediation and mitigation technologies that eliminate the PFAS risk to human health and the environment in the most cost-effective and energy-efficient manner.

PER- AND POLYFLUOROALKYL SUBSTANCES CLEANUP COST REPORTING

The Committee appreciates regular updates by the Per-and Polyfluoroalkyl Substances (PFAS) Task Force. To support the Department of Defense's efforts, the Committee directs the Secretary of Defense to submit to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, and semi-annually thereafter, a report on costs associated with investigating and cleaning up PFAS at sites with funding provided by either environmental restoration or operation and maintenance appropriations. The report shall provide, for each component and by installation name, the investigation and cleanup of PFAS, the actual obligations through the end of fiscal year 2021, the actual obligations in fiscal year 2022, the planned and actual obligations in fiscal year 2023, the planned obligations for fiscal year 2024, and the estimated cost after fiscal year 2024.

AQUEOUS FILM FORMING FOAM

Given the limited disposal options available to the Department of Defense for Aqueous Film Forming Foams (AFFF) waste and the potential benefits of complete, operational destruction technologies, the Committee recommendation includes \$20,000,000 for the Defense Logistics Agency to execute an AFFF destruction pilot in support of the Deputy Assistant Secretaries of the Air Force and the Army. The pilot shall utilize existing scalable destruction technologies that have been verified as effective in the field, successful at destroying a variety of AFFF formulations, and capable of destroying Per- and Polyfluoroalkyl Substances (PFAS) to the lowest detectable limits without any hazardous byproducts. Further, the Committee is encouraged by the Department's recent approval of a military specification for a fire extinguishing agent free of harmful PFAS. The Committee urges the Secretary of Defense to expedite procurement and usage of this replacement agent throughout the Department.

REMEDiation OF FORMERLY USED DEFENSE SITES

The Committee notes 87 percent of contaminated formerly used defense sites are in the response complete stage as outlined by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Public Law 96-510). However, the Committee urges the Department of Defense and Army Corps of Engineers to complete assessments and inspections of the remaining sites, such as the Lincoln Titan 1 Missile Silo Complex, with all deliberate speed, and in the interests of transparency, to share the results and any remediation recommendations with the public.

VIEQUES AND CULEBRA

The Committee remains concerned by the pace and scope of environmental restoration on the island municipalities of Vieques and Culebra in Puerto Rico. The Committee encourages the Secretaries of the Army and the Navy to work closely with the Environmental Protection Agency, the United States Fish and Wildlife Service, and the Puerto Rico Environmental Quality Board to maximize public participation and transparency in the decontamination process in order to achieve a thorough decontamination result on both islands.

The Committee is also concerned about public safety on the northwest peninsula of Culebra due to unexploded ordnance identified there by the Army. The Committee encourages the Secretary of the Army to exercise available authorities, including the authority clarified through the National Defense Authorization Act for Fiscal Year 2015, to decontaminate the northwest peninsula. Additionally, the Committee directs the Secretaries of the Army and Navy each to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, detailing all respective decontamination authorities and plans applicable to Vieques and Culebra, to include particular emphasis on the decontamination of the northwest peninsula of Culebra.

The Committee also notes there are information gaps about the types and amounts of ordnance used on Vieques and Culebra, as

well as about potential links between the ordnance used and present threats to public health. The Committee directs the Secretaries of the Army and the Navy to submit a report to the congressional defense committees, not later than 60 days after the enactment of this Act, on previously released information related to the ordnance on the two islands. The Committee also urges the Secretaries to publish the relevant documents on the internet in a single location and in a user-friendly format.

MARITIME CAPABILITIES IN POLAR REGIONS

The Committee notes that actions by the Russian Federation and the People's Republic of China are introducing competition and tension into the polar regions. The Committee recognizes that 14 U.S.C. 102 tasks the Coast Guard with maintenance and operation of United States icebreaking facilities and that this capability is integrated into the Tri-Service Maritime Strategy. To better understand the evolving national security threats in these regions, the Committee directs the Secretary of the Defense, in coordination with the Secretaries of the Navy and Homeland Security, to brief the House and Senate Appropriations Committees, not later than 30 days after the enactment of this Act, on the Department of Defense's current maritime polar capability and capacity and provide a threat-based assessment of future requirements in the regions.

OPERATION AND MAINTENANCE, ARMY

The Committee recommends the following appropriations for Operation and Maintenance, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS Unjustified growth	3,943,409	3,843,409 -100,000	-100,000
112 MODULAR SUPPORT BRIGADES	225,238	225,238	0
113 ECHELONS ABOVE BRIGADES Unjustified growth	947,395	933,395 -14,000	-14,000
114 THEATER LEVEL ASSETS Unjustified growth	2,449,141	2,439,141 -10,000	-10,000
115 LAND FORCES OPERATIONS SUPPORT Unjustified growth	1,233,070	1,219,070 -14,000	-14,000
116 AVIATION ASSETS Unjustified growth	2,046,144	1,996,144 -50,000	-50,000
121 FORCE READINESS OPERATIONS SUPPORT Program increase - camouflage Program increase - military criminal investigative organizations Unjustified growth	7,149,427	7,140,427 40,000 5,000 -54,000	-9,000
122 LAND FORCES SYSTEMS READINESS	475,435	475,435	0
123 LAND FORCES DEPOT MAINTENANCE Program execution	1,423,560	1,413,560 -10,000	-10,000
124 MEDICAL READINESS	951,499	951,499	0
131 BASE OPERATIONS SUPPORT Program increase - real-time foreign object detection Unjustified growth	9,943,031	9,833,331 2,000 -111,700	-109,700
FACILITIES SUSTAINMENT, RESTORATION & 132 MODERNIZATION Program increase Program increase - United States Military Academy	5,381,757	6,001,574 615,717 4,100	619,817
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Unjustified growth - headquarters	313,612	303,612 -10,000	-10,000
135 ADDITIONAL ACTIVITIES	454,565	454,565	0
137 RESET	447,987	447,987	0
141 US AFRICA COMMAND Program increase - natural resource management Program increase - P.L. 115-68 Program decrease - contractor support	414,680	419,480 5,000 550 -750	4,800

O-1	Budget Request	Committee Recommended	Change from Request
142 US EUROPEAN COMMAND	408,529	413,839	5,310
Program increase - natural resource management		5,000	
Program increase - P.L. 115-68		1,060	
Program decrease - contractor support		-750	
143 US SOUTHERN COMMAND	285,692	294,252	8,560
Program increase - SOUTHCOM exercises		3,735	
Program increase - natural resource management		5,000	
Program increase - P.L. 115-68		575	
Program decrease - contractor support		-750	
144 US FORCES KOREA	88,463	88,463	0
151 CYBER ACTIVITIES - CYBERSPACE OPERATIONS	507,845	507,845	0
153 CYBER ACTIVITIES - CYBERSECURITY	704,667	704,667	0
211 STRATEGIC MOBILITY	470,143	470,143	0
212 ARMY PREPOSITIONED STOCKS	433,909	433,909	0
213 INDUSTRIAL PREPAREDNESS	4,244	4,244	0
311 OFFICER ACQUISITION	178,428	178,428	0
312 RECRUIT TRAINING	78,235	78,235	0
313 ONE STATION UNIT TRAINING	114,777	114,777	0
314 SENIOR RESERVE OFFICERS TRAINING CORPS	551,462	551,462	0
321 SPECIALIZED SKILL TRAINING	1,147,431	1,121,431	-26,000
Unjustified growth		-26,000	
322 FLIGHT TRAINING	1,398,415	1,388,415	-10,000
Unjustified growth		-10,000	
323 PROFESSIONAL DEVELOPMENT EDUCATION	200,779	200,779	0
324 TRAINING SUPPORT	682,896	679,896	-3,000
Unjustified growth		-3,000	
331 RECRUITING AND ADVERTISING	690,280	697,780	7,500
Program increase		7,500	
332 EXAMINING	195,009	195,009	0
333 OFF-DUTY AND VOLUNTARY EDUCATION	260,235	260,235	0
334 CIVILIAN EDUCATION AND TRAINING	250,252	250,252	0
335 JUNIOR RESERVE OFFICERS TRAINING CORPS	204,895	204,895	0
421 SERVICEWIDE TRANSPORTATION	718,323	718,323	0

O-1	Budget Request	Committee Recommended	Change from Request
422 CENTRAL SUPPLY ACTIVITIES	900,624	875,624	-25,000
Unjustified growth		-25,000	
423 LOGISTICS SUPPORT ACTIVITIES	828,059	828,059	0
424 AMMUNITION MANAGEMENT	464,029	464,029	0
431 ADMINISTRATION	537,837	527,837	-10,000
Unjustified growth		-10,000	
432 SERVICEWIDE COMMUNICATIONS	1,962,059	1,976,059	14,000
Program increase - ALTNAV		14,000	
433 MANPOWER MANAGEMENT	361,553	358,553	-3,000
Unjustified growth		-3,000	
434 OTHER PERSONNEL SUPPORT	829,248	829,248	0
435 OTHER SERVICE SUPPORT	2,370,107	2,367,807	-2,300
Program increase - Capitol Fourth		2,700	
Unjustified growth		-5,000	
436 ARMY CLAIMS ACTIVITIES	203,323	203,323	0
437 REAL ESTATE MANAGEMENT	286,682	286,682	0
438 FINANCIAL IMPROVEMENT AND AUDIT READINESS	455,928	455,928	0
DEFENSE ACQUISITION WORKFORCE DEVELOPMENT			
43Q ACCOUNT	39,867	39,867	0
441 INTERNATIONAL MILITARY HEADQUARTERS	610,201	610,201	0
442 MISC. SUPPORT OF OTHER NATIONS	38,948	38,948	0
411 OTHER PROGRAMS	2,291,229	2,295,729	4,500
SOUTHCOM domain awareness		4,500	
RESTORE READINESS		1,224,123	1,224,123
UNJUSTIFIED REQUEST		-1,114	-1,114
HISTORICAL UNOBLIGATED BALANCES		-243,000	-243,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-267,000	-267,000
P.L. 115-68 IMPLEMENTATION		350	350
TOTAL, OPERATION AND MAINTENANCE, ARMY	59,554,553	60,526,399	971,846

ULTRA-LIGHTWEIGHT CAMOUFLAGE NET SYSTEMS

The Committee is concerned by the Army's recent disapproval of divestiture of legacy Ultra-Lightweight Camouflage Net Systems (ULCANS). Next generation ULCANS offer unparalleled protection for the warfighter, greatly enhancing survivability. Further, this policy reversal sends negative demand signals to the industrial base, decreasing readiness. The Committee encourages the Secretary of the Army to reconsider this decision given the negative effects it could have on soldier survivability and a fragile industrial base.

MISSION TRAINING COMPLEXES

The Committee is concerned that the virtual training capabilities of the Army's Mission Training Complexes (MTCs) are not sufficient to ensure the rapid deployment envisioned by the National Defense Strategy and encourages the Secretary of the Army to assess the capacity of MTCs to meet these mobilization requirements.

OPERATION AND MAINTENANCE, NAVY

The Committee recommends the following appropriations for Operation and Maintenance, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS	7,882,504	7,790,504	-92,000
Unjustified growth		-92,000	
1A2A FLEET AIR TRAINING	2,773,957	2,773,957	0
AVIATION TECHNICAL DATA AND ENGINEERING			
1A3A SERVICES	73,047	73,047	0
1A4A AIR OPERATIONS AND SAFETY SUPPORT	213,862	213,862	0
1A4N AIR SYSTEMS SUPPORT	1,155,463	1,155,463	0
1A5A AIRCRAFT DEPOT MAINTENANCE	1,857,021	1,843,021	-14,000
Unjustified growth		-14,000	
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	66,822	66,822	0
1A9A AVIATION LOGISTICS	1,871,670	1,858,970	-12,700
Unjustified growth		-12,700	
1B1B MISSION AND OTHER SHIP OPERATIONS	7,015,796	6,961,796	-54,000
Unjustified growth		-54,000	
1B2B SHIP OPERATIONS SUPPORT AND TRAINING	1,301,108	1,301,108	0
1B4B SHIP DEPOT MAINTENANCE	11,164,249	10,864,249	-300,000
Unjustified growth		-300,000	
1B5B SHIP DEPOT OPERATIONS SUPPORT	2,728,712	2,728,712	0
COMBAT COMMUNICATIONS AND ELECTRONIC			
1C1C WARFARE	1,776,881	1,776,881	0
1C3C SPACE SYSTEMS AND SURVEILLANCE	389,915	389,915	0
1C4C WARFARE TACTICS	1,005,998	1,005,998	0
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	455,330	455,330	0
1C6C COMBAT SUPPORT FORCES	2,350,089	2,330,089	-20,000
Unjustified growth		-20,000	
EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS			
1C7C SUPPORT	189,044	189,044	0
1CCH COMBATANT COMMANDERS CORE OPERATIONS	92,504	99,754	7,250
Program increase - community engagement initiative		5,000	
Program increase - Asia Pacific Regional Initiative		3,000	
Program decrease - contractor support		-750	

O-1	Budget Request	Committee Recommended	Change from Request
COMBATANT COMMANDERS DIRECT MISSION			
1CCM SUPPORT	352,980	379,180	26,200
Program increase - commercial ISR capacity		20,000	
Program increase - natural resource management		5,000	
Program increase - P.L. 115-68		1,200	
1CCY CYBERSPACE ACTIVITIES	522,180	522,180	0
1D2D FLEET BALLISTIC MISSILE	1,763,238	1,763,238	0
1D4D WEAPONS MAINTENANCE	1,640,642	1,640,642	0
1D7D OTHER WEAPON SYSTEMS SUPPORT	696,653	696,653	0
BSIT ENTERPRISE INFORMATION TECHNOLOGY	1,780,645	1,762,645	-18,000
Unjustified growth		-18,000	
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION	4,406,192	5,214,771	808,579
Program increase		635,579	
Program increase - water and utility infrastructure		70,000	
Program increase - operational and safety upgrades		11,000	
Program increase - public shipyard seismic mitigation		50,000	
Program increase - shipyard infrastructure optimization program		15,000	
Program increase - USNA		27,000	
BSS1 BASE OPERATING SUPPORT	6,223,827	6,213,627	-10,200
Program increase - utility infrastructure		8,000	
Program increase - real-time foreign object detection		2,000	
Unjustified growth		-20,200	
2A1F SHIP PREPOSITIONING AND SURGE	475,255	475,255	0
2A2F READY RESERVE FORCE	701,060	701,060	0
2B2G SHIP ACTIVATIONS/INACTIVATIONS	302,930	302,930	0
2C1H EXPEDITIONARY HEALTH SERVICES SYSTEMS	151,966	151,966	0
2C3H COAST GUARD SUPPORT	21,464	21,464	0
3A1J OFFICER ACQUISITION	201,555	201,555	0
3A2J RECRUIT TRAINING	16,521	16,521	0
3A3J RESERVE OFFICERS TRAINING CORPS	175,171	175,171	0
3B1K SPECIALIZED SKILL TRAINING	1,238,894	1,233,894	-5,000
Unjustified growth		-5,000	
3B3K PROFESSIONAL DEVELOPMENT EDUCATION	335,603	335,603	0
3B4K TRAINING SUPPORT	390,931	390,931	0

O-1	Budget Request	Committee Recommended	Change from Request
3C1L RECRUITING AND ADVERTISING	269,483	273,483	4,000
Program increase - sea cadets		4,000	
3C3L OFF-DUTY AND VOLUNTARY EDUCATION	90,452	90,452	0
3C4L CIVILIAN EDUCATION AND TRAINING	73,406	73,406	0
3C5L JUNIOR ROTC	58,970	58,970	0
4A1M ADMINISTRATION	1,350,449	1,335,449	-15,000
Unjustified growth		-15,000	
4A3M CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	242,760	242,760	0
4A4M MILITARY MANPOWER AND PERSONNEL	745,666	745,666	0
4A8M MEDICAL ACTIVITIES	323,978	323,978	0
DEFENSE ACQUISITION WORKFORCE DEVELOPMENT			
4B1A ACCOUNT	67,357	67,357	0
4B1N SERVICEWIDE TRANSPORTATION	248,822	248,822	0
4B2N PLANNING, ENGINEERING AND DESIGN	616,816	616,816	0
4B3N ACQUISITION, LOGISTICS AND OVERSIGHT	850,906	867,906	17,000
Program increase - commercial off the shelf supply chain			
risk management tools		12,000	
Program increase - naval air warfare RCO		5,000	
4C1P INVESTIGATIVE AND SECURITY SERVICES	888,508	888,508	0
999 OTHER PROGRAMS	655,281	655,281	0
RESTORE READINESS		1,324,123	1,324,123
UNJUSTIFIED REQUEST		-3,780	-3,780
HISTORICAL UNOBLIGATED BALANCES		-226,000	-226,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-114,000	-114,000
P.L. 115-68 IMPLEMENTATION		300	300
TOTAL, OPERATION AND MAINTENANCE, NAVY	72,244,533	73,547,305	1,302,772

SHIP MAINTENANCE

The Committee directs the Secretary of the Navy to continue to submit quarterly reports to the congressional defense committees, beginning not later than 30 days after the enactment of this Act, regarding private contracted ship maintenance as directed in House Report 116–453 and to submit the annual report on ship maintenance required by section 1016 of Public Law 117–81 to the House and Senate Appropriations Committees in conjunction with its submission to the House and Senate Armed Services Committees.

AIRFRAME MAINTENANCE

The Committee directs the Secretary of the Navy to continue to submit quarterly reports to the congressional defense committees, beginning not later than 30 days after the enactment of this Act, on the status of maintenance and repair work for each airframe. The report shall include the amount of funding budgeted for airframe maintenance in fiscal year 2024 and the prior three years, the original estimated amount of time expected for maintenance activities to be completed, any adjustments to the schedule, the reasons why any changes were necessary, the new expected timeframe for completion, and any additional costs involved.

NAVAL AIR WEAPONS STATION CHINA LAKE

Naval Air Weapons Station China Lake continues to provide critical national defense functions while simultaneously rebuilding from a series of earthquakes in 2019. The Committee appreciates the Navy's focused reconstruction efforts. The Secretary of the Navy is encouraged to continue to prioritize earthquake recovery efforts and to maintain communications with the local community.

NAVAL STATION MAYPORT

The Committee is concerned that the tenuous future of the Freedom-class Littoral Combat Ships, and lack of a near-term small surface combatant replacement at Naval Station Mayport, is creating uncertainty for the installation and regional industrial base. The Committee notes the importance of Naval Station Mayport and recognizes that a lapse in capability could negatively impact fleet readiness for multiple combatant commanders. Therefore, the Committee directs the Secretary of the Navy to submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, with a 10-year strategic plan for Naval Station Mayport. This report shall include an assessment of current and future ship assignments and a plan to ensure continuity of mission.

CONTRACT AIR SERVICES

The Committee notes the critical role that contract air services play in meeting the Navy's annual adversary air training requirement. As the Navy completes its analysis of alternatives on red air, training, and proficiency, the Committee encourages the Secretary of the Navy to continue the robust and persistent use of contract

adversary air to augment organic assets and simulated technologies.

OPERATION AND MAINTENANCE, MARINE CORPS

The Committee recommends the following appropriations for Operation and Maintenance, Marine Corps:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A OPERATIONAL FORCES Unjustified growth	1,799,964	1,777,964 -22,000	-22,000
1A2A FIELD LOGISTICS Unjustified growth	1,878,228	1,851,228 -27,000	-27,000
1A3A DEPOT MAINTENANCE	211,460	211,460	0
1B1B MARITIME PREPOSITIONING	137,831	137,831	0
1CCY CYBERSPACE ACTIVITIES	205,449	205,449	0
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION Program increase	1,211,183	1,409,802 198,619	198,619
BSS1 BASE OPERATING SUPPORT Unjustified growth	3,124,551	3,081,801 -42,750	-42,750
3A1C RECRUIT TRAINING	26,284	26,284	0
3A2C OFFICER ACQUISITION	1,316	1,316	0
3B1D SPECIALIZED SKILLS TRAINING	133,176	133,176	0
3B3D PROFESSIONAL DEVELOPMENT EDUCATION	66,213	66,213	0
3B4D TRAINING SUPPORT Unjustified growth	570,152	564,152 -6,000	-6,000
3C1F RECRUITING AND ADVERTISING	246,586	246,586	0
3C2F OFF-DUTY AND VOLUNTARY EDUCATION	55,230	55,230	0
3C3F JUNIOR ROTC	29,616	29,616	0
4A3G SERVICEWIDE TRANSPORTATION	90,366	90,366	0
4A4G ADMINISTRATION Unjustified growth	428,650	424,650 -4,000	-4,000
4A7G SECURITY PROGRAMS	65,658	65,658	0
RESTORE READINESS		637,477	637,477
HISTORICAL UNOBLIGATED BALANCES		-32,000	-32,000

O-1	Budget Request	Committee Recommended	Change from Request
PROGRAM DECREASE - CIVILIAN WORKFORCE		-75,000	-75,000
P.L. 115-68 IMPLEMENTATION		350	350
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	10,281,913	10,909,609	627,696

OPERATION AND MAINTENANCE, AIR FORCE

The Committee recommends the following appropriations for Operation and Maintenance, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
11A PRIMARY COMBAT FORCES	980,768	920,068	-60,700
Unjustified growth		-46,000	
Air Force requested transfer to 11Z		-14,700	
11C COMBAT ENHANCEMENT FORCES	2,665,924	2,629,924	-36,000
Unjustified growth		-36,000	
11D AIR OPERATIONS TRAINING	1,630,552	1,604,952	-25,600
Program increase - SOUTHCOM exercises		3,400	
Unjustified growth		-29,000	
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	4,632,693	4,581,493	-51,200
Program increase - chrome-free coatings		4,800	
Unjustified growth		-56,000	
FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	4,252,815	4,812,069	559,254
Program increase		595,856	
Air Force requested transfer from RDTE,AF line 87		20,000	
Air Force requested transfer to OP,AF line 4		-1,974	
Air Force requested transfer to OP,AF line 7		-3,440	
Air Force requested transfer to OP,AF line 9		-1,805	
Air Force requested transfer to OP,AF line 11		-18,233	
Air Force requested transfer to OP,AF line 60		-5,950	
Air Force requested transfer to OP,AF line 61		-25,200	
11V CYBERSPACE SUSTAINMENT	229,440	225,440	-4,000
Unjustified growth		-4,000	
CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	9,537,192	9,454,192	-83,000
Unjustified growth		-83,000	
11Y FLYING HOUR PROGRAM	6,697,549	6,648,549	-49,000
Unjustified growth		-49,000	
11Z BASE SUPPORT	11,633,510	11,276,438	-357,072
Program increase - artificial intelligence/advance video exploitation for natural resources units		4,000	
Program increase - real-time foreign object detection		2,000	
Unjustified growth		-163,600	
Air Force requested transfer to OP,AF line 46		-214,172	
Air Force requested transfer from 11A		14,700	
12A GLOBAL C3I AND EARLY WARNING	1,350,827	1,301,476	-49,351
Unjustified request		-18,400	
Air Force requested transfer to OP,AF line 30		-30,951	

O-1	Budget Request	Committee Recommended	Change from Request
12C OTHER COMBAT OPERATIONS SUPPORT PROGRAMS	1,817,941	1,804,941	-13,000
Unjustified growth		-13,000	
12D CYBERSPACE ACTIVITIES	807,966	807,966	0
12F TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	267,615	267,615	0
12Q MEDICAL READINESS	564,880	565,596	716
Program increase – infectious disease air transport program		3,000	
Air Force requested transfer to OP,AF line 60		-2,284	
15C US NORTHCOM/NORAD	245,263	251,178	5,915
Program increase - natural resource management		10,000	
Program increase - P.L. 115-68		1,065	
Program decrease		-5,150	
15D US STRATCOM	541,720	541,720	0
Program increase - P.L. 115-68		250	
Program decrease - contractor support		-250	
15F US CENTCOM	335,220	315,945	-19,275
Program increase - natural resource management		5,000	
Program increase - P.L. 115-68		475	
Unjustified request - Office of Security Cooperation - Iraq		-24,000	
Program decrease - contractor support		-750	
15G US SOCOM	27,511	28,461	950
Program increase - P.L. 115-68		950	
15H US TRANSCOM	607	957	350
Program increase - P.L. 115-68		350	
15U CENTCOM CYBERSPACE SUSTAINMENT	1,415	1,415	0
15X USSPACECOM	373,989	367,289	-6,700
Program increase - P.L. 115-68		550	
Unjustified growth		-7,000	
Program decrease - contractor support		-250	
CLASSIFIED PROGRAMS	1,465,926	1,465,926	0
21A AIRLIFT OPERATIONS	3,012,287	3,012,037	-250
Program decrease - contract support		-250	
21D MOBILIZATION PREPAREDNESS	241,918	241,918	0
31A OFFICER ACQUISITION	202,769	202,769	0

O-1	Budget Request	Committee Recommended	Change from Request
31B RECRUIT TRAINING	28,892	28,892	0
31D RESERVE OFFICER TRAINING CORPS (ROTC)	137,647	137,647	0
32A SPECIALIZED SKILL TRAINING	588,131	588,131	0
32B FLIGHT TRAINING Early to need	875,230	862,989 -12,241	-12,241
32C PROFESSIONAL DEVELOPMENT EDUCATION	301,262	301,262	0
32D TRAINING SUPPORT	194,609	194,609	0
33A RECRUITING AND ADVERTISING	204,318	204,318	0
33B EXAMINING	7,775	7,775	0
33C OFF DUTY AND VOLUNTARY EDUCATION	263,421	263,421	0
33D CIVILIAN EDUCATION AND TRAINING	343,039	343,039	0
33E JUNIOR ROTC	75,666	75,666	0
41A LOGISTICS OPERATIONS	1,062,199	1,062,199	0
41B TECHNICAL SUPPORT ACTIVITIES Unjustified growth	162,919	157,919 -5,000	-5,000
42A ADMINISTRATION Program decrease - contract support	1,409,015	1,408,515 -500	-500
42B SERVICEWIDE COMMUNICATIONS	30,268	30,268	0
42G OTHER SERVICEWIDE ACTIVITIES Unjustified growth	1,851,856	1,789,156 -62,700	-62,700
42I CIVIL AIR PATROL CORPORATION Program increase	30,901	55,100 24,199	24,199
DEFENSE ACQUISITION WORKFORCE DEVELOPMENT			
42W ACCOUNT	42,759	42,759	0
44A INTERNATIONAL SUPPORT	115,267	115,267	0
43A SECURITY PROGRAMS	1,506,624	1,506,624	0
RESTORE READINESS		1,324,123	1,324,123
UNJUSTIFIED REQUEST		-16,991	-16,991

O-1	Budget Request	Committee Recommended	Change from Request
HISTORICAL UNOBLIGATED BALANCES		-200,000	-200,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-153,000	-153,000
P.L. 115-68 IMPLEMENTATION		800	800
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	62,750,095	63,460,822	710,727

PILOT SHORTFALL

Despite strong support from Congress, the Air Force continues to fail to meet its annual pilot training goal. The Committee is deeply concerned that an enduring pilot production shortfall, coupled with increased attrition of experienced pilots, will leave the Air Force unable to meet its National Defense Strategy responsibilities. Further, the Committee supports concepts such as remote simulator instruction to alleviate known pilot production constraints and encourages the Air Force to use all available authorities to meet its training goal. To ensure continued oversight of this critical issue, the Committee directs the Commander of Air Education and Training Command and the Deputy Chief of Staff of Operations at Air Force Headquarters to provide quarterly updates on efforts to address the pilot shortfall to the House and Senate Appropriations Committees beginning not later than 45 days after the enactment of this Act.

REFUELING CAPABILITIES FOR ISRAEL

The Committee understands the Government of Israel intends to recapitalize its tanker aircraft fleet with the KC-46, with deliveries planned for 2025. Due to increased hostilities in the region, it is important that Israeli operators are expeditiously trained to use these new aircraft prior to their delivery. The Committee urges the Secretary of the Air Force to consider the training and operational benefits of deploying KC-46s to Israel to help train Israeli operators, support United States Central Command operations, and deter Iran's malign activities in the region.

AIRLIFT READINESS ACCOUNT

The Committee directs the Secretary of the Air Force, in coordination with the Commander, United States Transportation Command, to submit a report to the House and Senate Appropriations Committees, not later than 120 days after the enactment of this Act, that assesses the utility and suitability of the Airlift Readiness Account as a source of direct appropriations into the Transportation Working Capital Fund. The report shall include alternative budgetary processes that maintain stable rates and working capital solvency while reducing reliance on the Airlift Readiness Account.

OPERATION AND MAINTENANCE, SPACE FORCE

The Committee recommends the following appropriations for Operation and Maintenance, Space Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from request
12A GLOBAL C3I & EARLY WARNING Unjustified growth	642,201	612,201 -30,000	-30,000
13A SPACE LAUNCH OPERATIONS	356,162	356,162	0
13C SPACE OPERATIONS Early to need Unjustified growth	866,547	813,497 -5,600 -47,450	-53,050
13E EDUCATION & TRAINING Unjustified growth Transfer from 42A for recruiting and advertising	199,181	203,553 -13,800 18,172	4,372
13F SPECIAL PROGRAMS Unjustified growth	383,233	379,001 -4,232	-4,232
13M DEPOT MAINTENANCE	67,757	67,757	0
FACILITIES SUSTAINMENT, RESTORATION & 13R MODERNIZATION	678,648	678,648	0
13W CONTRACTOR LOGISTICS & SYSTEM SUPPORT Unjustified growth	1,380,350	1,378,350 -2,000	-2,000
13Z BASE SUPPORT	188,760	188,760	0
999 CLASSIFIED PROGRAMS	71,475	71,475	0
41A LOGISTICS OPERATIONS	34,046	34,046	0
42A ADMINISTRATION Transfer to 13E for recruiting and advertising	149,108	130,936 -18,172	-18,172
HISTORICAL UNOBLIGATED BALANCES		-19,000	-19,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-4,500	-4,500
TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE	5,017,468	4,890,886	-126,582

OPERATION AND MAINTENANCE, DEFENSE-WIDE

The Committee recommends the following appropriations for Operation and Maintenance, Defense-Wide:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1PL1 JOINT CHIEFS OF STAFF	461,370	439,370	-22,000
Historical unobligated balances		-5,000	
Program decrease - civilian workforce		-17,000	
8PL1 JOINT CHIEFS OF STAFF - JTEEP	701,081	675,081	-26,000
Historical unobligated balances		-5,000	
Unjustified growth		-21,000	
8PL2 JOINT CHIEFS OF STAFF - CYBER	8,210	8,210	0
1GTM OFFICE OF THE SECRETARY OF DEFENSE - MISO	252,480	252,480	0
SPECIAL OPERATIONS COMMAND COMBAT			
1PL6 DEVELOPMENT ACTIVITIES	2,012,953	1,997,692	-15,261
Classified adjustment		-15,261	
SPECIAL OPERATIONS COMMAND CYBERSPACE			
1PLS ACTIVITIES	49,757	49,757	0
1PLU SPECIAL OPERATIONS COMMAND INTELLIGENCE	1,391,402	1,421,379	29,977
Program increase - non-traditional ISR		20,000	
Program increase - non-kinetic targeting and signature management		10,000	
Classified adjustment		-4,150	
SOCOM requested transfer from 1PLR		4,127	
1PL7 SPECIAL OPERATIONS COMMAND MAINTENANCE	1,210,930	1,246,998	36,068
Program increase - CUAS group 3 defeat acceleration		11,068	
Program increase - multispectral personal signature management		25,000	
SPECIAL OPERATIONS COMMAND			
1PLM MANAGEMENT/OPERATIONAL HEADQUARTERS	202,574	202,574	0
SPECIAL OPERATIONS COMMAND OPERATIONAL			
1PLV SUPPORT	1,438,967	1,431,123	-7,844
Program increase - identity management		10,500	
Unjustified request - AFSOC contractors		-1,087	
Unjustified request - SOf tactical communications		-1,660	
Classified adjustment		-16,245	
SOCOM requested transfer from 1PLR		648	
1PLR SPECIAL OPERATIONS COMMAND THEATER FORCES	3,346,004	3,332,503	-13,501
Unjustified request - dry combat submersible		-1,822	
Program decrease - flying hours		-6,000	
Unjustified request - TSOC merger		-904	
SOCOM requested transfer to 1PLU		-4,127	
SOCOM requested transfer to 1PLV		-648	

O-1	Budget Request	Committee Recommended	Change from Request
12D CYBERSPACE OPERATIONS	1,318,614	1,321,783	3,169
Program increase - internet operations management		11,000	
Program increase - P.L. 115-68		400	
Program decrease - civilian workforce		-8,231	
15E USCYBERCOM HEADQUARTERS	332,690	327,752	-4,938
Program decrease - civilian workforce		-4,938	
3EV2 DEFENSE ACQUISITION UNIVERSITY	183,342	183,342	0
JOINT CHIEFS OF STAFF RECRUITING, AND OTHER			
3PL1 TRAINING AND EDUCATION	118,172	118,172	0
SPECIAL OPERATIONS COMMAND PROFESSIONAL			
3EV8 DEVELOPMENT EDUCATION	33,855	33,855	0
4GT3 CIVIL MILITARY PROGRAMS	142,240	280,185	137,945
Program increase - Starbase		53,000	
Program increase - National Guard Youth Challenge		84,945	
4GT6 DEFENSE CONTRACT AUDIT AGENCY	667,943	667,943	0
4GDC DEFENSE CONTRACT AUDIT AGENCY - CYBER	4,870	4,870	0
4GTO DEFENSE CONTRACT MANAGEMENT AGENCY	1,567,119	1,564,119	-3,000
Historical unobligated balances		-3,000	
DEFENSE CONTRACT MANAGEMENT AGENCY -			
4GTP CYBER	30,279	30,279	0
4GTE DEFENSE COUNTERINTELLIGENCE AND SECURITY	1,062,123	1,027,123	-35,000
Unjustified growth		-35,000	
4GTG DEFENSE COUNTERINTELLIGENCE AND SECURITY	9,835	9,835	0
4GT8 DEFENSE HUMAN RESOURCES ACTIVITY	1,033,789	979,188	-54,601
Unjustified growth		-51,601	
Lack of strategy - Defense Travel System replacement		-3,000	
4GSE DEFENSE HUMAN RESOURCES ACTIVITY - CYBER	27,517	27,517	0
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	2,567,698	2,523,215	-44,483
Program decrease - civilian workforce		-14,483	
Program decrease - reduce growth		-30,000	
4GU9 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	526,893	526,893	0
4GTA DEFENSE LEGAL SERVICES AGENCY	241,779	239,779	-2,000
Historical unobligated balances		-2,000	

O-1	Budget Request	Committee Recommended	Change from Request
4GTB DEFENSE LOGISTICS AGENCY	446,731	473,731	27,000
Program increase - aqueous film forming foam removal destruction pilot		20,000	
Program increase - MWR community engagement		10,000	
Program increase - explosive ordnance disposal robot modification		2,000	
Historical unobligated balances		-5,000	
ES18 DEFENSE MEDIA ACTIVITY	246,840	246,840	0
4GTC DEFENSE PERSONNEL ACCOUNTING AGENCY	195,959	195,959	0
4GTD DEFENSE SECURITY COOPERATION AGENCY	2,379,100	2,304,649	-74,451
Program increase - International Security Cooperation Programs - INDOPACOM - Taiwan		26,210	
Program increase - International Security Cooperation Programs - EUCOM - Baltic Security Initiative		16,867	
Program increase - International Security Cooperation Programs - EUCOM - Bulgaria		1,481	
Program increase - International Security Cooperation Programs - EUCOM - Georgia		1,078	
Program increase - International Security Cooperation Programs - EUCOM - Poland		13,218	
Program increase - International Security Cooperation Programs - EUCOM - Romania		5,508	
Program increase - International Security Cooperation Programs - EUCOM - Slovakia		1,258	
Program increase - International Security Cooperation Programs - CENTCOM		30,000	
Program increase - International Security Cooperation Programs - NORTHCOM - Mexico		20,220	
Transfer from International Security Cooperation Programs - NORTHCOM - Mexico to SOUTHCOM - Mexico		-32,000	
Transfer to International Security Cooperation Programs - SOUTHCOM - Mexico from NORTHCOM - Mexico		32,000	
Program increase - International Security Cooperation Programs - Women, Peace, and Security		2,109	
Unjustified request - International Security Cooperation Programs - AFRICOM - 21st Century Partnership		-20,000	
Early to need - International Security Cooperation Programs - CENTCOM - Former Afghan Aircraft		-47,400	
Transfer from International Security Cooperation Programs - Institutional Capacity Building to Train and Equip		-35,000	
Transfer to International Security Cooperation Programs - Train and Equip from Institutional Capacity Building		35,000	
Program increase - Regional Centers - Asia-Pacific Center for Security Studies		3,000	
Program decrease - Regional Centers - Climate		-3,500	
Unjustified request - Headquarters - Defense Finance and Accounting Services		-4,500	
Program decrease - Border Security		-120,000	

O-1	Budget Request	Committee Recommended	Change from Request
4GTH DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	41,722	41,722	0
4GTI DEFENSE THREAT REDUCTION AGENCY Classified adjustment	984,272	969,572 -14,700	-14,700
4GTL DEFENSE THREAT REDUCTION AGENCY - CYBER	70,548	70,548	0
4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY Program increase - Impact Aid Program increase - Impact Aid for children with disabilities Program increase - world language grants Historical unobligated balances	3,451,625	3,522,125 50,000 20,000 7,500 -7,000	70,500
OFFICE OF LOCAL DEFENSE COMMUNITY	118,216	158,216	40,000
4GTM COOPERATION Program increase - Defense Community Infrastructure Program		40,000	
4GTN OFFICE OF THE SECRETARY OF DEFENSE Program increase - Procurement Technical Assistance Program Program increase - information assurance scholarship program Program increase - legacy resource management program Unjustified growth - non pay Unjustified growth - pay Unjustified request - CHMR mission support Unsubmitted congressional reporting requirements	2,676,416	2,571,356 30,000 10,000 5,000 -79,060 -60,000 -10,000 -1,000	-105,060
4GTC OFFICE OF THE SECRETARY OF DEFENSE - CYBER Unjustified growth	92,176	90,176 -2,000	-2,000
011A MISSILE DEFENSE AGENCY	564,078	564,078	0
4GTQ WASHINGTON HEADQUARTERS SERVICES Historical unobligated balances	440,947	430,947 -10,000	-10,000
999 OTHER PROGRAMS Classified adjustment	20,114,447	20,043,479 -70,968	-70,968
PROGRAM DECREASE - CIVILIAN WORKFORCE (EXCLUDES JOINT STAFF, SOCOM, DISA, and CYBERCOM)		-155,000	-155,000
P.L. 115-68 IMPLEMENTATION		2,300	2,300
TOTAL, OPERATION AND MAINTENANCE, DEFENSE- WIDE	52,767,563	52,453,715	-313,848

DEFENSE HUMAN RESOURCES ACTIVITY

The Committee is increasingly concerned that the Defense Human Resources Activity (DHRA) may be performing functions that overlap with, or are duplicative of, functions implemented by other components of the Department of Defense. Therefore, the Committee directs the Comptroller General to conduct an assessment of the following:

(1) the extent to which the Department's Office of Performance Improvement is conducting periodic reviews of the defense agencies and field activities;

(2) the extent to which the Department has assessed the efficiency and effectiveness of DHRA as part of these periodic reviews or through other assessments;

(3) the common services performed by DHRA for the Department and what organizations or populations are the users of those services;

(4) the extent to which there is duplication, overlap, or fragmentation in the services provided by DHRA and other agencies or field activities, or other offices and organizations such as the military departments; and

(5) the extent to which effective oversight is provided to DHRA and its operations by the Under Secretary of Defense for Personnel and Readiness.

The Committee directs the Comptroller General to provide a preliminary briefing on the assessment to the congressional defense committees not later than April 30, 2024 with a report to follow by a mutually agreed upon date.

FOURTH ESTATE HUMAN RESOURCE MANAGEMENT

The Committee understands that multiple defense agencies and field activities currently provide human resource functions with varying quality of service. The Committee is concerned that the current dispersal of these functions is inefficient, contributes to hiring delays, and hinders the recruitment of talented professionals. The Committee therefore directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, that assesses the efficiency and effectiveness of the current Fourth Estate human resources shared service providers and recommendations to improve such operations.

RED HILL BULK FUEL STORAGE FACILITY

The Committee continues to closely monitor the Department of Defense's defueling and dispersal actions at the Red Hill Bulk Fuel Storage Facility. The Committee directs the Secretary of Defense, in coordination with the Secretary of the Navy, to continue to take the necessary steps to safely decommission the facility, remediate the surrounding environment, assess and address the harm caused to the aquifer, work in conjunction with the State of Hawaii and the local community in these efforts, and build a more distributive fuel infrastructure for the Indo-Pacific. The Committee recommendation supports the \$106,363,000 requested by the Department in fiscal year 2024 toward these efforts.

For efforts in Hawaii, the Committee directs the Secretary of Defense, in coordination with the Secretary of the Navy, to submit quarterly updates in the form of written reports, beginning not later than 45 days after the enactment of this Act, to the congressional defense committees on obligations, health care and health surveillance efforts for those impacted by contaminated drinking water, progress toward decommissioning the facility, and community engagement efforts.

For efforts to move the fuel from Red Hill to other locations in the Indo-Pacific, the Committee directs the Secretary of Defense to submit quarterly updates, in the form of written reports, beginning not later than 45 days after the enactment of this Act, to the congressional defense committees on obligations, new locations of fuel previously stored in the facility, efforts to build new fuel storage locations, a summary of any planning and design efforts for potential projects to store bulk fuel in the region, and efforts to improve the survivability of existing and new fuel storage locations. Information contained in these reports may be provided with a classified annex.

IMPACT AID ELIGIBILITY

The Committee strongly supports the Impact Aid and Impact Aid for Children with Disabilities programs. However, the Committee is concerned by possible discrepancies in how local education agencies eligible for both programs receive funding. The Committee directs the Director of the Department of Defense Education Activity to submit a report to the congressional defense committees, not later than 60 days after the enactment of this Act, that addresses any such inconsistencies.

THUNDERDOME

The fiscal year 2024 President's budget request proposes changes in funding for Department-wide cybersecurity programs and an increase in funds for activities related to Thunderdome, the Defense Information System Agency's (DISA) prototype and initial implementation of enterprise-wide zero trust architecture. The request is premised on the phasing out of the Joint Regional Security Stacks and the near-term realignment of funds towards critical cybersecurity programs including Comply-to-Connect (C2C). DISA has indicated to the Committee that C2C is foundational to zero trust implementation for the Department of Defense by providing the ability to identify and control all endpoints, traditional and non-traditional, across the Department of Defense Information Network. As DISA transitions to a zero trust architecture and completes necessary testing and certification of Thunderdome capabilities, the Committee supports continuation of C2C to support the cybersecurity of the Department of Defense and the Services. The Committee directs the Director of DISA, in consultation with the Under Secretary of Defense (Comptroller) with respect to funding, to submit a report to the congressional defense committees, not later than 30 days after the submission of the fiscal year 2025 President's budget request, on development, test, and validation activities related to Thunderdome. The report shall include plans for deployment of Thunderdome across the Services and defense agencies, an explanation of how capabilities deployed via C2C will integrate with and

enable the Thunderdome program, an assessment of the funding requirements for the Services and defense agencies to access and deploy Thunderdome capabilities provided by DISA, and the extent to which these funding requirements are included in the fiscal year 2025 President's budget request.

INTERNET OPERATIONS MANAGEMENT

The Committee notes the progress made by Joint Force Headquarters-Department of Defense Information Network (JFHQ-DODIN) to improve enterprise-wide visibility into departmental networks through Internet Operations Management (IOM), a critical component of ongoing efforts to harden these networks. The Committee believes the additional network visibility this capability provides can significantly reduce risk if seamlessly integrated with state-of-the-art security orchestration and automation capability deployable in the Services' and United States Cyber Command's big data platforms. However, despite the need to expand this capability Department-wide, to date only 18 of 45 Department of Defense Areas of Operation have been provided access to this capability through the IOM program. The Committee recommends an additional \$11,000,000 above the President's budget request with the intent of funding DODIN-wide expansion of IOM by the end of fiscal year 2024. The Committee directs the Commander, JFHQ-DODIN, to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on plans to fully deploy IOM capability Department-wide and integrate security orchestration and automation capability into the IOM program. The report shall include a summary of the deployment plan, milestones and associated timelines to complete the deployment plan, and a description of any additional resources needed to complete the deployment plan by the end of fiscal year 2024.

IMPROVING CYBERSECURITY POSTURE

The Committee notes and commends the efforts of the Department of Defense and interagency partners to improve overall government cyber resilience through the practice of domain name system filtering. The Committee encourages the Secretary of Defense to leverage the Department's test and proving ground capabilities to evaluate leading industry capabilities, including automated internet protocol filtering, and deep packet inspection based on real-time data that can detect and mitigate potential exfiltration from compromised hardware.

CIVILIAN CYBER WORKFORCE

The Committee recognizes the challenge that the Department of Defense faces in hiring individuals with necessary security clearances for the cyber workforce. The Committee encourages the Secretary of Defense to find innovative solutions to improve the workforce, and notes the report on this matter provided by the Department in 2020. The Committee continues to believe the Department of Defense should collaborate with colleges and universities to recruit cyber-focused students during their junior or senior years, with the intent that upon graduation a student will have a com-

pleted security clearance. The Committee directs the Secretary of Defense to submit an update to the 2020 report to the congressional defense committees not later than 60 days after the enactment of this Act.

QUARTERLY REPORTS ON GUANTANAMO BAY DETENTION FACILITY

The Committee directs the Secretary of Defense to submit quarterly reports to the House and Senate Appropriations Committees on the current number of detainees at the Guantanamo Bay detention facility; their legal status; a description of all Department of Defense costs associated with the facility during the last two fiscal years by program, account, and activity; and the status of funds for the current fiscal year.

ABBEY GATE

The Committee expects the Secretary of Defense and the Commander of United States Central Command to relentlessly pursue those individuals who planned and perpetrated the suicide bombing attack at the Hamid Karzai International Airport in Kabul, Afghanistan, on August 26, 2021, to keep the congressional defense committees informed of efforts to hold those individuals to account, and to make as much of this information as possible available to the public.

QUARTERLY BRIEFINGS ON DEPLOYMENTS OF UNITED STATES ARMED FORCES

The Committee appreciates the Department of Defense's quarterly briefings on the deployment of United States Armed Forces by geographic combatant command, which is important for congressional oversight, and directs that these briefings continue.

FOREIGN BASES

The Act continues the requirement for the Secretary of Defense to notify the congressional defense committees of the opening or closing of foreign bases. The Committee is concerned by basing and funding decisions being made without consultation with Congress. Accordingly, the Committee directs the Secretary of Defense to keep the House and Senate Appropriations Committees apprised of any ongoing discussions with foreign governments that may lead to the opening or closing of a foreign base.

DEFENSE SECURITY COOPERATION AGENCY PROGRAMS

The Secretary of Defense shall, not later than 30 days after the enactment of this Act, submit to the House and Senate Appropriations Committees a detailed spend plan for amounts made available for the Defense Security Cooperation Agency. The plan shall include amounts planned for each program listed in the budget justification documents and, for International Security Cooperation Programs, amounts provided in the prior two fiscal years and planned for fiscal year 2024 by combatant command, country, and authority. The plan shall only reflect amounts requested in the fiscal year 2024 budget justification materials as modified by fiscal year 2024 appropriations, and the Secretary of Defense shall notify

such Committees in writing not less than 15 days prior to obligating funds in a manner that would deviate from the plan. A similar document with requested amounts shall be provided to such Committees concurrent with the submission of the fiscal year 2025 President's budget request.

The Committee recommendation includes \$1,343,580,000 for International Security Cooperation Programs and directs that congressional notifications for these funds specify the fiscal year, whether funds support ongoing or new programs, and the duration and expected cost over the life of each program. The Committee recommendation includes \$108,000,000 for Taiwan, which is twice the amount provided in fiscal year 2023. Such funds are provided for urgent and high priority defense articles and defense services that strengthen United States national security and increase Taiwan's readiness and ability to deter aggression and defend itself, including coastal defense, command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR), and programs to promote regional interoperability. The Committee expects these programs to be integrated with other security assistance programs in a manner that complements rather than duplicates efforts and directs the Secretary of Defense to submit a spend plan to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act. The Committee also supports training programs for Taiwan, including through the National Guard State Partnership Program or similar programs, as well as strategic evaluations to improve Taiwan's security cooperation programs.

The Committee notes the urgency of maintaining an effective deterrent and directs the Secretary of Defense to prioritize the delivery of defense articles and defense services to Taiwan. The Committee also directs the Secretary of Defense to, not later than 45 days after the date of the enactment of this Act, submit a report to the congressional defense committees describing urgent and high priority defense articles and defense services for fiscal year 2024 and fiscal year 2025 and steps taken or planned by the Department of Defense to expedite the delivery of such articles and services.

The Committee recommendation includes \$32,000,000 for International Security Cooperation Programs for Mexico, including \$20,220,000 above the request for programs to counter illicit fentanyl and synthetic opioids and the transnational criminal organizations, particularly the Sinaloa and Jalisco drug cartels, that have perpetrated the fentanyl crisis. The Committee recommendation also supports institutional capacity building programs for Mexico. The Committee supports the inclusion of Mexico in the National Guard State Partnership Program to enhance Mexico's counterdrug efforts.

The Committee notes the shared security challenges between Mexico and its Central and South American neighbors and believes these issues would receive greater attention if they were unified under United States Southern Command. Accordingly, the Act provides that United States Southern Command shall assume combatant command responsibility for activities related to Mexico not later than 180 days of the enactment of this Act.

The Committee recommendation supports programs to strengthen the relationship with the Colombian Armed Forces in support of shared security interests in the region. These programs support Colombian capabilities in the area of rotary wing transportation and maintenance; maritime interdiction; special operations force development; intelligence, surveillance, and reconnaissance; and institutional capacity to sustain their military. The Committee notes that Colombia has a National Guard State Partnership Program with the South Carolina National Guard.

The Committee encourages the Secretary of Defense to focus institutional capacity building on fewer programs, on deeper and more sustainable results, and on countries that have complementary training and equipment programs. The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees on these issues not later than 45 days after the enactment of this Act.

The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees on amounts provided above the request for International Security Cooperation Programs for countries in United States Central Command not later than 30 days after the enactment of this Act.

The Committee supports efforts to improve the Foreign Military Sales process, which is essential for United States partnerships and an important component of strategic competition. Accordingly, the Committee directs the Secretary of Defense, in coordination with the Secretary of State, to provide a briefing to the House and Senate Appropriations Committees, not later than 30 days after the enactment of this Act, on the results of the Foreign Military Sales process review and measures taken or planned to streamline performance.

The Committee supports increased measures to ensure that security cooperation programs supported by this Act are strategic, address clearly defined goals and objectives, and are integrated with other programs. Accordingly, not later than 90 days after the enactment of this Act, the Secretary of Defense, in coordination with the Secretary of State, shall submit to the congressional defense committees an integrated security cooperation strategy for Iraq, Uzbekistan, Indonesia, Ecuador, and Somalia. Each strategy shall include an overview of the security relationship between the United States and the country; a description of the goals, objectives, and milestones of security cooperation programs and initiatives supported by the Department of Defense and the Department of State; a description of how programs complement rather than duplicate one another; funding by account and program for fiscal year 2024 and the prior two fiscal years; and a description of host country capabilities and financial contributions towards shared security goals.

The Committee notes that international security cooperation programs funded under this heading are subject to 10 U.S.C. 362, which prohibits assistance for a unit of a foreign security force if the Secretary of Defense has credible information that the unit has committed a gross violation of human rights. The Committee also expects the Secretary of Defense to withhold assistance for a unit of a foreign security force if the Secretary has credible information that the unit has used United States military assistance against

United States personnel and directs the Secretary of Defense to inform the congressional defense committees of any such misuse. Further, the Committee is concerned about end-use monitoring of assistance provided under this heading and expects the Department of Defense to implement any outstanding Government Accountability Office (GAO) recommendations related to end-use monitoring, including GAO-23-105856, not later than 60 days after the enactment of this Act.

The Committee remains interested in evaluations of security cooperation programs with Northern Triangle countries and expects the Secretary of Defense to keep the Committee apprised of any such evaluations. The Committee is also interested in Army Security Force Assistance Brigade deployments, and any congressional notification made pursuant to 10 U.S.C. 321 or 10 U.S.C. 333 should include a description of the number of individuals deployed and their training; the amount, type, and purpose of the training and equipment to be provided to the recipient country's security forces; the timeline and source of funds; and how the proposed program fits into the overall security cooperation goals of the brigade or country.

The Committee directs that any notification for border security submitted to the House and Senate Appropriations Committees indicate the costs for reimbursement, by category, and the dates on which such costs were incurred by the partner country and submitted to the United States government. The Committee also supports programs to build partner capacity in the area of cybersecurity, including through the Institute for Security Governance and Regional Centers.

The Committee notes the significant unobligated balances from prior year appropriations, and the recommendation includes a rescission of funds. The Committee directs that such funds are not derived from congressional priorities, including programs increased by fiscal year 2023 appropriations. The Secretary of Defense is directed to consult with the House and Senate Appropriations Committees with respect to such rescission not later than 30 days after the enactment of this Act.

BURDEN-SHARING FOR UKRAINE

The Committee recommends a focus on burden-sharing for Ukraine and expects the Administration to work with other nations to do their fair share. Not later than 60 days after the enactment of this Act, the Secretary of Defense, in coordination with the Secretary of State, shall submit a report to the congressional defense committees on commitments and contributions of defense articles and defense services made by foreign governments to Ukraine since the February 24, 2022, Russian invasion of Ukraine. The report shall include a brief description of each commitment and contribution, including the approximate value, by country and date; efforts to coordinate international commitments and contributions with United States security assistance; steps taken or planned by the Administration to increase international commitments and contributions; and any use of the contribution authority provided under Operation and Maintenance, Defense-Wide in Title II of Division M of the Additional Ukraine Supplemental Appropriations

Act, 2023. The report shall be submitted in unclassified form but may be accompanied by a classified annex.

MANAGEMENT OF FUNDS FOR UKRAINE

The Committee requires enhanced oversight and accountability measures for funds appropriated for Ukraine and is concerned with Department of Defense financial management practices that have resulted in the improper accounting and overvaluation of billions of dollars of military equipment destined for Ukraine. If this error had been corrected earlier, it could have allowed the Department to send more equipment to Ukraine ahead of Ukraine's counter-offensive. The Committee directs the Comptroller General of the United States to review the Department of Defense's execution of presidential drawdown authority and related funding and notifications since the February 24, 2022, Russian invasion of Ukraine and to submit a report on its findings to the congressional defense committees not later than 90 days after the enactment of this Act.

EXCESS DEFENSE ARTICLES

The Committee directs the Comptroller General of the United States to review the Department of Defense excess defense articles program, which transfers excess defense equipment to foreign governments or international organizations. The review shall include the Department's process for identifying available equipment and recipients; the extent to which the program is integrated with other security cooperation programs and priorities; the Department's activities to monitor articles after they have been delivered; the disposition of significant articles five years after they have been transferred; and the overall effectiveness of the program. The Comptroller shall submit a report along with recommendations to the congressional defense committees not later than 120 days after the enactment of this Act.

MILITARY INFORMATION SUPPORT OPERATIONS

The Consolidated Appropriations Act, 2021, included direction to the Assistant Secretary of Defense (Special Operations Low Intensity Conflict) to submit a spend plan to the congressional defense committees regarding Military Information Support Operations (MISO). The classified annex accompanying the explanatory statement to the Consolidated Appropriations Act, 2023, included additional direction considering the modified budget structure for appropriations for MISO. The Committee modifies those requirements and directs the Assistant Secretary of Defense (Special Operations Low Intensity Conflict) to submit a spend plan annually for the upcoming fiscal year, not later than 15 days upon submission of the budget request, and another report, not later than 30 days after the enactment of this Act. Both reports shall justify funding by combatant command to include narratives on how the funding maps to the main pillars of the National Defense Strategy. The enacted levels will serve as the baseline for reprogramming in accordance with section 8007 of this Act. Adjustments during the execution year shall be notified as part of the quarterly information operations briefings as directed within section 1631 of the National

Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92). All other annual reporting requirements are rescinded.

COUNTER-ISIS TRAIN AND EQUIP FUND

The Committee recommends the following appropriations for the Counter-ISIS Train and Equip Fund:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Iraq Train and Equip	241,950	241,950	0
Syria Train and Equip	156,000	156,000	0
TOTAL, COUNTER-ISIS TRAIN AND EQUIP FUND	397,950	397,950	0

The Committee recommendation continues support for the Iraqi Security Forces, Kurdish Peshmerga, and the Syrian Democratic Forces to participate in activities to counter the Islamic State of Iraq and Syria. The Committee directs that congressional notifications for funds provided under this heading include a description of the amount, type, and purpose of assistance to be funded, and the recipient of the assistance; the budget and implementation timeline, with anticipated delivery schedule for assistance; and a description of any material misuse of assistance since the last notification was submitted, along with a description of any remedies taken.

The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees prior to submitting any notification that includes fortification or construction for detention facilities or internally displaced persons camps. Such notifications shall include detailed information on the scope of proposed projects and on any contributions from foreign governments.

The Committee notes the release of the Administration’s Al-Hol Action Plan for internally displaced persons camps in northern Syria. The Committee directs the Secretary of Defense to develop timelines and milestones for Department of Defense-related activities under the plan and to brief the House and Senate Appropriations Committees on progress made not later than 60 days after the enactment of this Act.

The Committee is concerned with the accountability of funds provided under this heading for stipend support in Syria. Therefore, the Act includes a provision making funds unavailable until the Secretary of Defense reports to the House and Senate Appropriations Committees that measures are in place to ensure accountability of these funds. The report shall include a detailed description of these measures as well as any changes adopted to address the findings and recommendations in Inspector General Report No. DODIG–2022–128.

The Committee notes the significant unobligated balances from prior year appropriations and the recommendation includes a rescission of funds. The Committee directs that such funds are not derived from support planned for the Kurdish Peshmerga. The Secretary of Defense is directed to consult with the House and Senate

Appropriations Committees with respect to such rescission not later than 30 days after the enactment of this Act.

OPERATION AND MAINTENANCE, ARMY RESERVE

The Committee recommends the following appropriations for Operation and Maintenance, Army Reserve:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from request
112 MODULAR SUPPORT BRIGADES	15,208	15,208	0
113 ECHELONS ABOVE BRIGADES Unjustified growth	720,802	702,802 -18,000	-18,000
114 THEATER LEVEL ASSETS Unjustified growth	143,400	141,400 -2,000	-2,000
115 LAND FORCES OPERATIONS SUPPORT Unjustified growth	707,654	702,654 -5,000	-5,000
116 AVIATION ASSETS	134,346	134,346	0
121 FORCES READINESS OPERATIONS SUPPORT Unjustified growth	451,178	449,178 -2,000	-2,000
122 LAND FORCES SYSTEM READINESS	97,564	97,564	0
123 LAND FORCES DEPOT MAINTENANCE	45,711	45,711	0
131 BASE OPERATIONS SUPPORT Unjustified growth	608,079	595,079 -13,000	-13,000
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	495,435	495,435	0
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Unjustified growth	28,783	26,783 -2,000	-2,000
151 CYBER ACTIVITIES - CYBERSPACE OPERATIONS	3,153	3,153	0
153 CYBER ACTIVITIES - CYBERSECURITY	19,591	19,591	0
421 SERVICEWIDE TRANSPORTATION	19,155	19,155	0
431 ADMINISTRATION	21,668	21,668	0
432 SERVICEWIDE COMMUNICATIONS	44,118	44,118	0
433 MANPOWER MANAGEMENT	7,127	7,127	0
434 OTHER PERSONNEL SUPPORT	67,976	67,976	0
HISTORICAL UNOBLIGATED BALANCES		-15,000	-15,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-14,700	-14,700
TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	3,630,948	3,559,248	-71,700

RESERVE COMPONENT MANDATORY TRAINING

The Committee is concerned that members of the reserve components face challenges in accessing mandatory military training from their home of record. The inability to quickly register for such courses impedes force readiness and misuses inactive duty training periods which could be devoted to mission critical tasks. The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees, not later than 120 days after the enactment of this Act, on actions the Department of Defense will take to remove these barriers.

OPERATION AND MAINTENANCE, NAVY RESERVE

The Committee recommends the following appropriations for Operation and Maintenance, Navy Reserve:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS	731,113	728,113	-3,000
Unjustified growth		-3,000	
1A3A INTERMEDIATE MAINTENANCE	10,122	10,122	0
1A5A AIRCRAFT DEPOT MAINTENANCE	167,811	167,811	0
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	103	103	0
1A9A AVIATION LOGISTICS	29,185	29,185	0
1C1C COMBAT COMMUNICATIONS	20,806	20,806	0
1C6C COMBAT SUPPORT FORCES	186,590	186,590	0
1CCY CYBERSPACE ACTIVITIES	296	296	0
BSIT ENTERPRISE INFORMATION TECHNOLOGY	32,467	32,467	0
BSMR SUSTAINMENT, RESTORATION & MODERNIZATION	63,726	63,726	0
BSSR BASE OPERATING SUPPORT	121,064	121,064	0
4A1M ADMINISTRATION	2,025	2,025	0
4A4M MILITARY MANPOWER & PERSONNEL	13,401	13,401	0
4B3N ACQUISITION AND PROGRAM MANAGEMENT	2,101	2,101	0
HISTORICAL UNOBLIGATED BALANCES		-10,000	-10,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-1,100	-1,100
TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	1,380,810	1,366,710	-14,100

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

The Committee recommends the following appropriations for Operation and Maintenance, Marine Corps Reserve:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A OPERATING FORCES	128,468	128,468	0
1A3A DEPOT MAINTENANCE	20,967	20,967	0
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION	46,589	46,589	0
BSS1 BASE OPERATING SUPPORT	120,808	120,808	0
4A4G ADMINISTRATION	12,563	12,563	0
HISTORICAL UNOBLIGATED BALANCES		-4,000	-4,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-2,000	-2,000
TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	329,395	323,395	-6,000

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

The Committee recommends the following appropriations for Operation and Maintenance, Air Force Reserve:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
11A PRIMARY COMBAT FORCES Unjustified growth	2,088,949	2,058,949 -30,000	-30,000
11G MISSION SUPPORT OPERATIONS	198,213	198,213	0
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	647,758	647,758	0
FACILITIES SUSTAINMENT, RESTORATION & 11R MODERNIZATION	122,314	122,314	0
CONTRACTOR LOGISTICS SUPPORT AND SYSTEM 11W SUPPORT	374,442	374,442	0
11Z BASE OPERATING SUPPORT Program increase - MQ-9 dissemination hub	543,962	545,962 2,000	2,000
12D CYBERSPACE ACTIVITIES	1,742	1,742	0
42A ADMINISTRATION Unjustified request	107,281	107,221 -60	-60
42J RECRUITING AND ADVERTISING	9,373	9,373	0
42K MILITARY MANPOWER AND PERSONNEL	15,563	15,563	0
42L OTHER PERSONNEL SUPPORT	6,174	6,174	0
42M AUDIOVISUAL	485	485	0
HISTORICAL UNOBLIGATED BALANCES		-28,000	-28,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-4,000	-4,000
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	4,116,256	4,056,196	-60,060

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

The Committee recommends the following appropriations for Operation and Maintenance, Army National Guard:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS Program increase - Northern Strike	925,071	938,071 13,000	13,000
112 MODULAR SUPPORT BRIGADES	201,781	201,781	0
113 ECHELONS ABOVE BRIGADE Unjustified growth	840,373	833,373 -7,000	-7,000
114 THEATER LEVEL ASSETS Unjustified growth	107,392	105,392 -2,000	-2,000
115 LAND FORCES OPERATIONS SUPPORT	62,908	62,908	0
116 AVIATION ASSETS Unjustified growth	1,113,908	1,102,908 -11,000	-11,000
121 FORCE READINESS OPERATIONS SUPPORT Unjustified growth	832,946	827,946 -5,000	-5,000
122 LAND FORCES SYSTEMS READINESS	50,696	50,696	0
123 LAND FORCES DEPOT MAINTENANCE	231,784	231,784	0
131 BASE OPERATIONS SUPPORT Unjustified growth	1,249,066	1,244,066 -5,000	-5,000
FACILITIES SUSTAINMENT, RESTORATION & 132 MODERNIZATION	1,081,561	1,081,561	0
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Unjustified transfer	1,468,857	1,458,857 -10,000	-10,000
151 CYBER ACTIVITIES - CYBERSPACE OPERATIONS	9,566	9,566	0
153 CYBER ACTIVITIES - CYBERSECURITY	15,710	15,710	0
421 SERVICEWIDE TRANSPORTATION	7,251	7,251	0
431 ADMINISTRATION Program increase - State Partnership Program	66,025	73,025 7,000	7,000
432 SERVICEWIDE COMMUNICATIONS	113,366	113,366	0
433 MANPOWER MANAGEMENT	8,663	8,663	0
434 OTHER PERSONNEL SUPPORT	292,426	292,426	0
437 REAL ESTATE MANAGEMENT	3,754	3,754	0

O-1	Budget Request	Committee Recommended	Change from Request
HISTORICAL UNOBLIGATED BALANCES		-43,000	-43,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-8,000	-8,000
P.L. 115-68 IMPLEMENTATION		300	300
TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	8,683,104	8,612,404	-70,700

VIRTUAL LANGUAGE TRAINING

The Committee notes that foreign language skills are instrumental in building and maintaining global alliances and partnerships and encourages the National Guard Bureau to continue its virtual language training program. The Committee further directs the Chief of the National Guard Bureau to submit a report to the congressional defense committees, not later than 180 days after the enactment of this Act, that includes the number of Guardsmen receiving virtual language training and level of proficiency achieved, a description of program marketing and sign-up procedures, a listing of classes and languages taught, a comparison of language training offered with current State Partnership Program participants, and funding programmed for National Guard language training through the future years defense program.

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

The Committee recommends the following appropriations for Operation and Maintenance, Air National Guard:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
11F AIRCRAFT OPERATIONS	2,498,675	2,468,675	-30,000
Unjustified growth		-30,000	
11G MISSION SUPPORT OPERATIONS	656,714	667,265	10,551
Program increase - State Partnership Program		3,300	
Program increase - ANG JTAC contractor support		8,000	
Unjustified request		-749	
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	1,171,901	1,173,901	2,000
Program increase - KC-135		2,000	
FACILITIES SUSTAINMENT, RESTORATION & 11R MODERNIZATION	370,188	466,688	96,500
Program increase - facility enhancements for future pilot training sites		96,500	
CONTRACTOR LOGISTICS SUPPORT AND SYSTEM 11W SUPPORT	1,280,003	1,262,003	-18,000
Unjustified growth		-18,000	
11Z BASE OPERATING SUPPORT	1,089,579	1,094,579	5,000
Program increase - resilience training		5,000	
11V CYBERSPACE SUSTAINMENT	19,708	19,708	0
12D CYBERSPACE ACTIVITIES	49,476	49,476	0
42A ADMINISTRATION	68,417	68,417	0
42J RECRUITING AND ADVERTISING	49,033	49,033	0
HISTORICAL UNOBLIGATED BALANCES		-43,000	-43,000
PROGRAM DECREASE - CIVILIAN WORKFORCE		-26,000	-26,000
TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	7,253,694	7,250,745	-2,949

TACTICAL AIR CONTROL PARTY DIVESTITURE

The Committee is concerned about the Air Force's potential divestiture of Tactical Air Control Party units from the Air National Guard prior to the completion of an evaluation by the Air Force. Therefore, the Committee directs the Secretary of the Air Force to refrain from taking any action to reduce the number of Tactical Air Control Party units in the Air National Guard until the Air Force, in consultation with the National Guard Bureau, has completed its evaluation.

COMBAT READINESS TRAINING CENTERS

The Committee is concerned about reductions in the fiscal year 2024 President's budget request for operation of the Air National Guard's four combat readiness training centers. The Committee notes the centers' critical role in training airmen through robust joint aerial combat exercises against simulated near-peer threats. The Committee encourages the Secretary of the Air Force to provide adequate and consistent resources for the continuation of such training.

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

Fiscal year 2024 budget request	\$16,620,000
Committee recommendation	16,620,000
Change from budget request	---

The Committee recommends an appropriation of \$16,620,000 for the United States Court of Appeals for the Armed Forces.

ENVIRONMENTAL RESTORATION, ARMY

Fiscal year 2024 budget request	\$198,760,000
Committee recommendation	198,760,000
Change from budget request	---

The Committee recommends an appropriation of \$198,760,000 for Environmental Restoration, Army.

ENVIRONMENTAL RESTORATION, NAVY

Fiscal year 2024 budget request	\$335,240,000
Committee recommendation	345,240,000
Change from budget request	+10,000,000

The Committee recommends an appropriation of \$345,240,000 for Environmental Restoration, Navy.

ENVIRONMENTAL RESTORATION, AIR FORCE

Fiscal year 2024 budget request	\$349,744,000
Committee recommendation	359,744,000
Change from budget request	+10,000,000

The Committee recommends an appropriation of \$359,744,000 for Environmental Restoration, Air Force.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Fiscal year 2024 budget request	\$8,965,000
Committee recommendation	8,965,000
Change from budget request	— — —

The Committee recommends an appropriation of \$8,965,000 for Environmental Restoration, Defense-Wide.

ENVIRONMENTAL RESTORATION, FORMERLY USED
DEFENSE SITES

Fiscal year 2024 budget request	\$232,806,000
Committee recommendation	232,806,000
Change from budget request	— — —

The Committee recommends an appropriation of \$232,806,000 for Environmental Restoration, Formerly Used Defense Sites. The Committee expects the Secretary of Defense and the Service Secretaries to execute the Military Munitions Response Program in a manner consistent with the budget request.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

The Committee recommends the following appropriation for Overseas Humanitarian, Disaster, and Civic Aid:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
FOREIGN DISASTER RELIEF	20,000	22,500	2,500
Program increase		2,500	
HUMANITARIAN ASSISTANCE	79,900	100,000	20,100
Program increase		20,100	
HUMANITARIAN MINE ACTION PROGRAM	15,000	20,000	5,000
Program increase		5,000	
TOTAL, OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	114,900	142,500	27,600

The Committee directs the Secretary of Defense to submit a spend plan for Humanitarian Assistance and the Humanitarian Mine Action Program to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act. The plan shall include amounts planned for each combatant command, country, and program area, as well as a comparison to funding provided in the previous two fiscal years. Such information shall be included in the justification materials that accompany the fiscal year 2025 President's budget request.

The Committee directs the Secretary of Defense to inform the House and Senate Appropriations Committees of any planned foreign disaster relief not later than 72 hours following a disaster declaration that involves a request for Department of Defense support.

COOPERATIVE THREAT REDUCTION ACCOUNT

The Committee recommends the following appropriation for the Cooperative Threat Reduction Account:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Strategic Offensive Arms Elimination	6,815	6,815	0
Chemical Weapons Destruction	16,400	16,400	0
Global Nuclear Security	19,406	19,406	0
Biological Threat Reduction Program	228,030	228,030	0
Proliferation Prevention Program	46,324	46,324	0
Other Assessments/Admin Costs	34,024	34,024	0
TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT	350,999	350,999	0

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE
DEVELOPMENT ACCOUNT

Fiscal year 2024 budget request	\$54,977,000
Committee recommendation	54,977,000
Change from budget request	— — —

The Committee recommends an appropriation of \$54,977,000 for the Department of Defense Acquisition Workforce Development Account.

TITLE III
PROCUREMENT

The fiscal year 2024 Department of Defense procurement budget request and the Committee recommendation are summarized in the table below:

PROCUREMENT
(DOLLARS IN THOUSANDS)

	REQUEST QTY AMOUNT	RECOMMENDED QTY AMOUNT	CHANGE FROM REQUEST QTY AMOUNT
SUMMARY			
ARMY			
AIRCRAFT.....	--- 3,012,440	--- 3,030,767	+18,327
MISSILES.....	--- 4,962,017	--- 4,483,806	-478,211
WEAPONS AND TRACKED COMBAT VEHICLES.....	--- 3,765,521	--- 3,943,584	+178,063
AMMUNITION.....	--- 2,967,578	--- 2,971,928	+4,350
OTHER.....	--- 6,672,979	--- 6,679,516	+6,537
TOTAL, ARMY.....	--- 23,380,535	--- 23,109,601	-270,934
NAVY			
AIRCRAFT.....	--- 17,336,760	--- 17,450,040	+113,280
WEAPONS.....	--- 6,876,385	--- 5,826,997	-1,049,388
AMMUNITION.....	--- 1,293,273	--- 1,238,558	-54,715
SHIPS.....	--- 32,848,950	--- 32,908,812	+57,862
OTHER.....	--- 14,535,257	--- 13,675,677	-859,580
MARINE CORPS.....	--- 3,979,212	--- 3,775,224	-203,988
TOTAL, NAVY.....	--- 76,869,837	--- 74,873,308	-1,996,529
AIR FORCE			
AIRCRAFT.....	--- 20,315,204	--- 20,196,409	-118,795
MISSILES.....	--- 5,530,446	--- 4,401,753	-1,128,693
AMMUNITION.....	--- 703,158	--- 642,448	-60,710
OTHER.....	--- 30,417,892	--- 29,819,938	-597,954
TOTAL, AIR FORCE.....	--- 56,966,700	--- 55,060,548	-1,906,152
SPACE FORCE			
SPACE PROGRAMS.....	4,714,294	4,109,201	-605,093
TOTAL, SPACE FORCE.....	4,714,294	4,109,201	-605,093
DEFENSE-WIDE.....	--- 6,156,975	--- 6,289,820	+132,845
DEFENSE PRODUCTION ACT PURCHASES.....	968,605	618,605	-350,000
NATIONAL GUARD AND RESERVE EQUIPMENT.....	---	1,000,000	+1,000,000
TOTAL PROCUREMENT.....	169,056,946	166,061,083	-3,995,863

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110-279). Specifically, the dollar threshold for reprogramming funds shall be \$10,000,000 for procurement and research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogramming actions are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P-1) or research, development, test and evaluation (R-1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

FUNDING INCREASES

The funding increases outlined in these tables shall be provided only for the specific purposes indicated in the tables.

PROCUREMENT SPECIAL INTEREST ITEMS

Items for which additional funds have been recommended or items for which funding is specifically reduced as shown in the project level tables detailing recommended adjustments or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed elsewhere in this report.

MUNITIONS STOCK

The Committee remains concerned by the insufficient quantity and capability in the Department of Defense’s munitions inventory. While some of this is the result of support to Ukraine and supply chain challenges, it is not clear the industrial base is well-postured to meet the rising demand. The Committee encourages the Secretary of Defense to increase stockpiles of existing munitions and expedite the delivery of those in development. More importantly, the Committee encourages the Department to leverage non-traditional suppliers working in conjunction with the traditional defense industrial base to broaden the sources of components and materials to better posture the Nation in time of crisis. The Committee be-

lieves that broadening these sources creates resiliency in the supply chain and could be a catalyst for novel munitions to create new dilemmas for the adversary. Therefore, the Committee directs the Under Secretary of Defense for Research and Engineering, in coordination with Under Secretary of Defense for Acquisition and Sustainment, the Director of the Defense Innovation Unit, and the munitions program executive officers in the Services to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act. The report shall identify current and future munitions shortfalls, areas of greatest operational risk in the most pressing theaters, novel munitions employment approaches to create platform optionality and reduce integration cost, munitions that are currently being produced by non-traditional suppliers, potential sources of low-cost components through non-traditional suppliers, viable paths for system integration through non-traditional suppliers or relationships with traditional suppliers, and a strategy for leveraging a broader industrial base for expanding munitions capability and capacity.

ROCKET MOTOR SUPPLY

The Committee is concerned about risk in the development and production capacity of rocket propulsion, particularly of solid rocket motors needed to build a critical munitions stockpile. The Committee supports efforts to increase the capacity of the existing supplier base, as well as initiatives to reduce vulnerability in the supply chain with a broader industrial base. Additionally, the Committee encourages the Department to use the authorities and resources of the Office of Manufacturing Capability Expansion and Investment Prioritization and other mechanisms to expand this industrial base.

AIRCRAFT PROCUREMENT, ARMY

The Committee recommends the following appropriations for Aircraft Procurement, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
3 FUTURE UAS FAMILY	53,453	53,453	0
5 SMALL UNMANNED AIRCRAFT SYSTEMS	20,769	30,769	10,000
Program increase - accelerate short range reconnaissance fielding		10,000	
6 AH-64 APACHE BLOCK IIIA REMAN	718,578	536,502	-182,076
GFE ahead of need		-22,081	
Other costs carryover and ahead of need		-15,293	
Reduction of three months of requested aircraft due to delays in deliveries and obligations		-144,702	
7 AH-64 APACHE BLOCK IIIA REMAN (AP-CY)	110,360	110,360	0
8 UH-60 BLACKHAWK M MODEL (MYP)	668,258	788,258	120,000
Program increase - additional aircraft for the National Guard		120,000	
9 UH-60 BLACKHAWK M MODEL (MYP) (AP-CY)	92,494	92,494	0
10 UH-60 BLACK HAWK L AND V MODELS	153,196	153,196	0
11 CH-47 HELICOPTER	202,487	195,329	-7,158
Digital cockpit insufficient justification		-7,158	
12 CH-47 HELICOPTER (AP-CY)	18,936	18,936	0
13 MQ-1 PAYLOAD	13,650	13,650	0
14 GRAY EAGLE MODS2	14,959	82,959	68,000
Program increase - MQ-1C Gray Eagle 25M capability improvement		68,000	
16 AH-64 MODS	113,127	113,127	0
17 CH-47 CARGO HELICOPTER MODS	20,689	35,689	15,000
Program increase - hybrid enhanced ballistic protection systems		15,000	
22 UTILITY HELICOPTER MODS	35,879	53,379	17,500
Program increase - 60kVA generators for UH-60s		15,000	
Program increase - powered ascenders for aviation readiness		2,500	
23 NETWORK AND MISSION PLAN	32,418	44,418	12,000
Program increase - aviation mission common server		12,000	
24 COMMS, NAV SURVEILLANCE	74,912	74,912	0
25 DEGRADED VISUAL ENVIRONMENT	16,838	16,838	0
26 AVIATION ASSURED PNT	67,383	67,383	0
27 GATM ROLLUP	8,924	8,924	0
29 UAS MODS	2,258	2,258	0

P-1	Budget Request	Committee Recommended	Change from Request
30 AIRCRAFT SURVIVABILITY EQUIPMENT Carryover	161,731	126,792 -34,939	-34,939
31 SURVIVABILITY CM	6,526	6,526	0
32 CMWS	72,041	72,041	0
33 COMMON INFRARED COUNTERMEASURES (CIRCM)	261,384	261,384	0
34 COMMON GROUND EQUIPMENT	25,752	25,752	0
35 AIRCREW INTEGRATED SYSTEMS	22,097	22,097	0
36 AIR TRAFFIC CONTROL	21,216	21,216	0
37 LAUNCHER, 2.75 ROCKET	2,125	2,125	0
TOTAL, AIRCRAFT PROCUREMENT, ARMY	3,012,440	3,030,767	18,327

CH-47 BLOCK II

The Committee continues to support the CH-47 Block II aircraft program and remains concerned by the Army's continued lack of support for the program. While the Committee recognizes that the Army is investing in its modernization priorities, without a clear path to a new heavy lift platform, the F Block II program should be considered a priority.

MISSILE PROCUREMENT, ARMY

The Committee recommends the following appropriations for Missile Procurement, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	LOWER TIER AIR AND MISSILE DEFENSE (AMD)	6,625	6,625	0
3	M-SHORAD - PROCUREMENT Spares insufficient justification	400,697	387,394 -13,303	-13,303
4	MSE MISSILE Program decrease of EOQ	1,212,832	960,832 -252,000	-252,000
6	PRECISION STRIKE MISSILE (PRSM) Early to need	384,071	303,330 -80,741	-80,741
7	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	313,189	313,189	0
8	MID-RANGE CAPABILITY (MRC)	169,519	169,519	0
9	HELLFIRE SYS SUMMARY Carryover	21,976	17,285 -4,691	-4,691
10	JOINT AIR-TO-GROUND MSLS (JAGM) Contract delays	303,409	255,269 -48,140	-48,140
12	LONG-RANGE HYPERSONIC WEAPON Early to need	156,821	133,108 -23,713	-23,713
13	JAVELIN (AAWS-M) SYSTEM SUMMARY	199,509	199,509	0
14	TOW 2 SYSTEM SUMMARY Unit cost increase	120,475	110,765 -9,710	-9,710
15	GUIDED MLRS ROCKET (GMLRS)	886,367	886,367	0
16	GUIDED MLRS ROCKET (GMLRS) (AP) Program decrease	55,913	0 -55,913	-55,913
17	MLRS REDUCED RANGE PRACTICE ROCKETS	10,334	10,334	0
18	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	179,230	179,230	0
19	ARMY TACTICAL MSL SYS (ATACMS) - SYSTEM SUMMARY	7,307	7,307	0
20	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) Program increase - loitering munition	0	10,000 10,000	10,000
21	PATRIOT MODS	212,247	212,247	0
22	STINGER MODS	36,484	36,484	0
23	AVENGER MODS	22,274	22,274	0
25	MLRS MODS	168,198	168,198	0

P-1	Budget Request	Committee Recommended	Change from Request
26 HIMARS MODIFICATIONS	76,266	76,266	0
27 SPARES AND REPAIR PARTS	6,573	6,573	0
28 AIR DEFENSE TARGETS	11,701	11,701	0
TOTAL MISSILE PROCUREMENT, ARMY	4,962,017	4,483,806	-478,211

PROCUREMENT OF WEAPONS AND TRACKED COMBAT
VEHICLES, ARMY

The Committee recommends the following appropriations for Procurement of Weapons and Tracked Combat Vehicles, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	ARMORED MULTI PURPOSE VEHICLE (AMPV) Reduction of three months of deliveries due to delayed FRP and delayed contract definitization	554,777	392,099 -162,678	-162,678
3	MOBILE PROTECTED FIREPOWER STS previously funded	394,635	386,635 -8,000	-8,000
4	STRYKER UPGRADE Program increase - additional vehicles	614,282	694,282 80,000	80,000
5	BRADLEY FIRE SUPPORT TEAM (BFIST) VEHICLE	5,232	5,232	0
6	BRADLEY PROGRAM (MOD) Carryover Program increase - active protection systems	158,274	189,015 -9,259 40,000	30,741
7	M109 FOV MODIFICATIONS	90,986	90,986	0
8	PALADIN INTEGRATED MANAGEMENT (PIM) Program increase	469,152	674,152 205,000	205,000
9	IMPROVED RECOVERY VEHICLE (M88 HERCULES)	41,058	41,058	0
12	JOINT ASSAULT BRIDGE	159,804	159,804	0
13	ABRAMS UPGRADE PROGRAM Program increase - prognostic and predictive maintenance and predictive logistics	697,883	707,883 10,000	10,000
14	ABRAMS UPGRADE PROGRAM (AP-CY)	102,440	102,440	0
16	PERSONAL DEFENSE WEAPON (ROLL)	510	510	0
17	M240 MEDIUM MACHINE GUN (7.62MM)	425	425	0
19	MACHINE GUN, CAL .50 M2 ROLL	3,420	3,420	0
20	MORTAR SYSTEMS	8,013	8,013	0
21	LOCATION & AZIMUTH DETERMINATION SYSTEM (LADS)	3,174	3,174	0
22	XM320 GRENADE LAUNCHER MODULE (GLM)	14,143	14,143	0
23	PRECISION SNIPER RIFLE	5,248	5,248	0
24	CARBINE Program increase - M4 carbine upper receivers	571	8,571 8,000	8,000
25	NEXT GENERATION SQUAD WEAPON	292,850	292,850	0
26	HANDGUN	32	32	0

P-1	Budget Request	Committee Recommended	Change from Request
28 M777 MODS	18,920	18,920	0
31 M119 MODIFICATIONS	13,097	13,097	0
32 MORTAR MODIFICATION	423	423	0
33 ITEMS LESS THAN \$5.0M (WOCV-WTCV)	1,148	1,148	0
34 PRODUCTION BASE SUPPORT (WOCV-WTCV)	115,024	115,024	0
35 COMMON REMOTELY OPERATED WEAPONS STATION Program increase - CROWS-AHD	0	15,000 15,000	15,000
TOTAL, WEAPONS AND TRACKED COMBAT VEHICLES, ARMY	3,765,521	3,943,584	178,063

PROCUREMENT OF AMMUNITION, ARMY

The Committee recommends the following appropriations for Procurement of Ammunition, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 CTG, 5.56MM, ALL TYPES	90,853	90,853	0
2 CTG, 7.62MM, ALL TYPES Program increase	65,370	80,370 15,000	15,000
3 NEXT GENERATION SQUAD WEAPON AMMUNITION	191,244	191,244	0
4 CTG, HANDGUN, ALL TYPES	6,597	6,597	0
5 CTG, .50 CAL, ALL TYPES Program increase	41,534	64,402 22,868	22,868
6 CTG, 20MM, ALL TYPES	7,925	7,925	0
7 CTG, 25MM, ALL TYPES Excess to need	38,760	22,804 -15,956	-15,956
8 CTG, 30MM, ALL TYPES	107,805	107,805	0
9 CTG, 40MM, ALL TYPES	148,970	148,970	0
10 CTG, 50MM, ALL TYPES	28,000	28,000	0
11 60MM MORTAR, ALL TYPES	35,160	35,160	0
12 81MM MORTAR, ALL TYPES	40,562	40,562	0
13 120MM MORTAR, ALL TYPES	106,784	106,784	0
14 CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	300,368	300,368	0
15 ARTILLERY CARTRIDGES, 75MM & 105MM	21,298	21,298	0
16 ARTILLERY PROJECTILE, 155MM, ALL TYPES	150,839	150,839	0
18 PRECISION ARTILLERY MUNITIONS Carryover	96,406	92,919 -3,487	-3,487
ARTILLERY PROPELLANTS, FUZES AND PRIMERS, 19 ALL TYPES Excess to need	172,947	163,872 -9,075	-9,075
20 MINES & CLEARING CHARGES, ALL TYPES Carryover	71,182	66,182 -5,000	-5,000
21 CLOSE TERRAIN SHAPING OBSTACLE	55,374	55,374	0
22 SHOULDER LAUNCHED MUNITIONS, ALL TYPES	18,630	18,630	0
23 ROCKET, HYDRA 70, ALL TYPES	87,293	87,293	0
24 CAD/PAD, ALL TYPES	6,564	6,564	0

P-1	Budget Request	Committee Recommended	Change from Request
25 DEMOLITION MUNITIONS, ALL TYPES	24,238	24,238	0
26 GRENADES, ALL TYPES	48,374	48,374	0
27 SIGNALS, ALL TYPES	23,252	23,252	0
28 SIMULATORS, ALL TYPES	11,309	11,309	0
30 AMMO COMPONENTS, ALL TYPES	3,976	3,976	0
31 NON-LETHAL AMMUNITION, ALL TYPES	3,281	3,281	0
32 ITEMS LESS THAN \$5 MILLION (AMMO)	17,436	17,436	0
33 AMMUNITION PECULIAR EQUIPMENT	13,133	13,133	0
34 FIRST DESTINATION TRANSPORTATION (AMMO)	18,068	18,068	0
35 CLOSEOUT LIABILITIES	102	102	0
36 INDUSTRIAL FACILITIES	726,135	726,135	0
37 CONVENTIONAL MUNITIONS DEMILITARIZATION	183,752	183,752	0
38 ARMS INITIATIVE	4,057	4,057	0
TOTAL, PROCUREMENT OF AMMUNITION, ARMY	2,967,578	2,971,928	4,350

OTHER PROCUREMENT, ARMY

The Committee recommends the following appropriations for
Other Procurement, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 SEMITRAILERS, FLATBED	22,751	22,751	0
2 SEMITRAILERS, TANKERS	40,359	40,359	0
3 HI MOB MULTI-PURP WHLD VEH (HMMWV)	25,904	25,904	0
4 GROUND MOBILITY VEHICLES (GMV)	36,223	36,223	0
5 ARNG HMMWV MODERNIZATION PROGRAM Program increase	0	120,000 120,000	120,000
6 JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES Unit cost increases Kits previously funded	839,413	819,122 -2,095 -18,196	-20,291
7 TRUCK, DUMP, 20T (CCE)	20,075	20,075	0
8 FAMILY OF MEDIUM TACTICAL VEH (FMTV)	110,734	110,734	0
9 FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (CATV)	28,745	28,745	0
10 FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMNET	55,340	55,340	0
11 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	66,428	66,428	0
12 PLS ESP	51,868	51,868	0
14 TACTICAL WHEELED VEHICLE PROTECTION KITS	3,792	3,792	0
15 MODIFICATION OF IN SVC EQUIP	80,326	80,326	0
16 PASSENGER CARRYING VEHICLES	2,203	2,203	0
17 NONTACTICAL VEHICLES, OTHER	8,246	8,246	0
18 SIGNAL MODERNIZATION PROGRAM Software ahead of need	161,585	151,166 -10,419	-10,419
19 TACTICAL NETWORK TECHNOLOGY MOD IN SVC SATCOM obsolescence previously funded	358,646	346,643 -12,003	-12,003
20 DISASTER INCIDENT RESPONSE COMMS TERMINAL	254	254	0
21 JCSE EQUIPMENT (USRDECOM)	5,097	5,097	0
24 DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	101,181	101,181	0
25 TRANSPORTABLE TACTICAL COMMAND	54,849	54,849	0

P-1	Budget Request	Committee Recommended	Change from Request
26 SHF TERM	41,634	41,634	0
27 ASSURED POSITIONING, NAVIGATION AND TIMING	202,370	202,370	0
28 EHF SATELLITE COMMUNICATION	19,122	19,122	0
30 GLOBAL BRDCST SVC - GBS	531	531	0
31 COE TACTICAL SERVER INFRASTRUCTURE (TSI)	77,999	77,999	0
32 HANDHELD MANPACK SMALL FORM FIT (HMS)	765,109	750,219	-14,890
Leader radio unit cost increases		-9,890	
Fielding overestimation		-5,000	
33 ARMY LINK 16 SYSTEMS	60,767	60,767	0
35 UNIFIED COMMAND SUITE	18,999	18,999	0
36 COTS COMMUNICATIONS EQUIPMENT	492,001	483,228	-8,773
Fielding costs overestimation		-8,773	
37 FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	1,374	1,374	0
38 ARMY COMMUNICATIONS & ELECTRONICS	52,485	52,485	0
39 CI AUTOMATION ARCHITECTURE-INTEL	16,767	16,767	0
41 MULTI-DOMAIN INTELLIGENCE	119,989	119,989	0
42 INFORMATION SYSTEM SECURITY PROGRAM-ISSP	701	701	0
43 COMMUNICATIONS SECURITY (COMSEC)	159,712	156,821	-2,891
Carryover		-2,891	
44 DEFENSIVE CYBER OPERATIONS	13,848	13,848	0
45 INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITORING	1,502	1,502	0
47 BIOMETRIC ENABLING CAPABILITY (BEC)	453	453	0
49 BASE SUPPORT COMMUNICATIONS	23,278	38,278	15,000
Program increase - land mobile radios		15,000	
50 INFORMATION SYSTEMS	32,608	16,304	-16,304
Construction delays and carryover		-16,304	
51 EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,949	4,949	0
52 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	243,011	243,011	0
55 JTT/CIBS-M	8,543	8,543	0

P-1	Budget Request	Committee Recommended	Change from Request
56 TERRESTRIAL LAYER SYSTEMS (TLS)	85,486	85,486	0
58 DCGS-A-INTEL	2,980	2,980	0
60 TROJAN	30,649	30,649	0
61 MOD OF IN-SVC EQUIP (INTEL SPT)	4,169	4,169	0
62 BIOMETRIC TACTICAL COLLECTION DEVICES	932	932	0
63 EW PLANNING & MANAGEMENT TOOLS (EWPMT)	21,278	21,278	0
64 AIR VIGILANCE (AV)	6,641	6,641	0
65 MULTI-FUNCTION ELECTRONIC WARFARE (MFEW)	15,941	15,941	0
COUNTERINTELLIGENCE/SECURITY	22,833	19,083	-3,750
67 COUNTERMEASURES Carryover		-3,750	
68 CI MODERNIZATION	434	434	0
69 SENTINEL MODS	161,886	161,886	0
70 NIGHT VISION DEVICES	141,143	131,064	-10,079
Excess ENVG-B recurring costs		-3,500	
LTLN unit price discrepancies		-4,530	
IVAS transfer to RDTE, A line 59		-39,137	
Excess IVAS PM costs		-12,912	
Program increase - ENVG-B		50,000	
71 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	15,484	15,484	0
73 FAMILY OF WEAPON SIGHTS (FWS)	185,634	185,634	0
74 ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE	3,652	3,652	0
75 FORWARD LOOKING INFRARED (IFLIR)	20,438	20,438	0
COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)	365,376	305,376	-60,000
Execution delays		-60,000	
77 JOINT BATTLE COMMAND - PLATFORM (JBC-P)	215,290	215,290	0
78 JOINT EFFECTS TARGETING SYSTEM (JETS)	8,932	8,932	0
79 COMPUTER BALLISTICS: LHMBC XM32	2,965	2,965	0
80 MORTAR FIRE CONTROL SYSTEM	8,024	8,024	0
81 MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	7,399	7,399	0
82 COUNTERFIRE RADARS	99,782	99,782	0

P-1	Budget Request	Committee Recommended	Change from Request
83 ARMY COMMAND POST INTEGRATED INFRASTRUCTURE	78,512	78,512	0
84 FIRE SUPPORT C2 FAMILY	10,052	10,052	0
85 AIR & MSL DEFENSE PLANNING & CONTROL SYSTEM	68,892	68,892	0
86 IAMD BATTLE COMMAND SYSTEM	412,556	412,556	0
87 LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,270	4,270	0
88 NETWORK MANAGEMENT INITIALIZATION AND SERVICE	37,194	37,194	0
89 GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	1,987	1,987	0
90 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY	5,318	5,318	0
91 MOD OF IN-SVC EQUIPMENT (ENFIRE) Program increase - land surveying systems	4,997	14,997 10,000	10,000
92 ARMY TRAINING MODERNIZATION	10,130	10,130	0
93 AUTOMATED DATA PROCESSING EQUIPMENT Ahead of need	61,489	59,426 -2,063	-2,063
94 ACCESSIONS INFORMATION ENVIRONMENT (AIE)	4,198	4,198	0
96 HIGH PERF COMPUTING MOD PGM (HPCMP)	76,053	76,053	0
97 CONTRACT WRITING SYSTEM	6,061	6,061	0
98 CSS COMMUNICATIONS	56,804	56,804	0
102 BASE DEFENSE SYSTEMS (BDS)	70,781	70,781	0
103 CBRN DEFENSE	63,198	63,198	0
104 TACTICAL BRIDGING	1,157	1,157	0
105 TACTICAL BRIDGE, FLOAT-RIBBON	82,228	82,228	0
106 BRIDGE SUPPLEMENTAL SET	4,414	4,414	0
110 ROBOTICS AND APPLIQUE SYSTEMS Program increase - soldier borne sensor	68,893	73,893 5,000	5,000
112 FAMILY OF BOATS AND MOTORS	4,785	4,785	0
113 HEATERS AND ECUS	7,617	7,617	0
115 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,356	5,356	0
116 GROUND SOLDIER SYSTEM	167,129	167,129	0

P-1	Budget Request	Committee Recommended	Change from Request
117 MOBILE SOLDIER POWER	15,967	15,967	0
118 FORCE PROVIDER	34,200	44,200	10,000
Program increase - arctic basing solutions		10,000	
CARGO AERIAL DEL & PERSONNEL PARACHUTE 120 SYSTEM	45,792	45,792	0
FAMILY OF ENGR COMBAT AND CONSTRUCTION 121 SETS	12,118	12,118	0
123 QUALITY SURVEILLANCE EQUIPMENT	2,507	2,507	0
124 DISTRIBUTION SYSTEMS, PETROLEUM & WATER	40,989	40,989	0
125 COMBAT SUPPORT MEDICAL	86,829	86,829	0
126 MOBILE MAINTENANCE EQUIPMENT SYSTEMS	17,287	17,287	0
128 TRACTOR, FULL TRACKED	29,878	29,878	0
129 ALL TERRAIN CRANES	27,725	27,725	0
131 FAMILY OF DIVER SUPPORT EQUIPMENT	1,811	1,811	0
132 CONST EQUIP ESP	8,898	8,898	0
133 ARMY WATERCRAFT ESP	30,592	30,592	0
134 MANEUVER SUPPORT VESSEL (MSV)	149,449	149,449	0
136 GENERATORS AND ASSOCIATED EQUIPMENT	78,364	78,364	0
137 TACTICAL ELECTRIC POWER RECAPITALIZATION	11,088	19,088	8,000
Program increase - deployable power generation and distribution system power unit		8,000	
138 FAMILY OF FORKLIFTS	12,982	12,982	0
139 COMBAT TRAINING CENTERS SUPPORT	56,619	56,619	0
140 TRAINING DEVICES, NONSYSTEM	226,379	226,379	0
141 SYNTHETIC TRAINING ENVIRONMENT (STE)	234,965	234,965	0
GAMING TECHNOLOGY IN SUPPORT OF ARMY 142 TRAINING	9,698	9,698	0
143 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	36,149	36,149	0
144 TEST EQUIPMENT MODERNIZATION (TEMOD)	32,623	32,623	0
145 PHYSICAL SECURITY SYSTEMS (OPA-3)	132,739	132,739	0
146 BASE LEVEL COMMON EQUIPMENT	34,460	34,460	0

P-1	Budget Request	Committee Recommended	Change from Request
147 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	35,239	35,239	0
148 BUILDING, PRE-FAB, RELOCATABLE	31,011	31,011	0
149 SPECIAL EQUIPMENT FOR TEST AND EVALUATION	52,481	52,481	0
151 INITIAL SPARES - C&E	9,169	9,169	0
999 CLASSIFIED PROGRAMS	1,781	1,781	0
TOTAL, OTHER PROCUREMENT, ARMY	8,672,979	8,679,516	6,537

AIRCRAFT PROCUREMENT, NAVY

The Committee recommends the following appropriations for Aircraft Procurement, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 F/A-18E/F (FIGHTER) HORNET	41,329	41,329	0
2 JOINT STRIKE FIGHTER CV	2,410,569	2,395,896	-14,673
Non-recurring cost growth		-6,800	
Support costs excess growth		-7,873	
3 JOINT STRIKE FIGHTER CV (AP-CY)	189,425	158,296	-31,129
Long lead unjustified request		-31,129	
4 JSF STOVL	2,126,317	2,112,928	-13,389
Non-recurring cost growth		-5,912	
Support costs excess growth		-7,477	
5 JSF STOVL (AP-CY)	193,125	158,363	-34,762
Long lead unjustified request		-34,762	
6 CH-53K (HEAVY LIFT)	1,698,050	1,800,050	102,000
Contract award delay		-12,000	
Program increase - one additional aircraft		114,000	
7 CH-53K (HEAVY LIFT) (AP-CY)	456,567	456,567	0
8 V-22 (MEDIUM LIFT)	27,216	684,121	656,905
Production line shutdown early to need		-18,095	
Program increase - five additional CMV-22		675,000	
9 H-1 UPGRADES (UH-1Y/AH-1Z)	4,292	4,292	0
10 P-8A POSEIDON	31,257	31,257	0
11 E-2D ADV HAWKEYE	182,817	182,817	0
13 MULTI-ENGINE TRAINING SYSTEM (METS)	289,141	289,141	0
15 KC-130J	241,291	220,665	-20,626
Airframe excess unit cost growth		-20,626	
17 MQ-4 TRITON	416,010	416,010	0
19 MQ-8 UAV	1,546	1,546	0
21 MQ-25	545,697	143,281	-402,416
Previously funded		-402,416	
22 MQ-25 (AP-CY)	50,576	11,979	-38,597
Previously funded		-38,597	
23 MARINE GROUP 5 UAS	89,563	89,563	0
24 F-18 A-D UNIQUE	116,551	108,226	-8,325
31C SCS excess growth		-8,325	

P-1	Budget Request	Committee Recommended	Change from Request
F-18E/F AND EA-18G MODERNIZATION AND SUSTAINMENT	605,416	605,416	0
25 MARINE GROUP 5 UAS SERIES	98,063	98,063	0
27 AEA SYSTEMS	24,110	22,396	-1,714
Transmitters unit cost growth		-4,214	
Program increase - ALQ-99 Low Band Airborne			
Electronic Attack (AEA) readiness		2,500	
28 AV-8 SERIES	22,829	22,829	0
29 INFRARED SEARCH AND TRACK (IRST)	179,193	179,193	0
30 ADVERSARY	69,336	69,336	0
31 F-18 SERIES	640,236	634,424	-5,812
F/A-18 C/D/E/F and EA-18G training equipment previously funded		-5,812	
32 H-53 SERIES	41,414	41,414	0
33 MH-60 SERIES	106,495	106,495	0
34 H-1 SERIES	114,284	124,284	10,000
Program increase - structural improvements		10,000	
35 EP-3 SERIES	8,548	8,548	0
36 E-2 SERIES	183,246	183,246	0
37 TRAINER A/C SERIES	16,376	16,376	0
39 C-130 SERIES	198,220	190,873	-7,347
BLOS B-Kit installation previously funded		-460	
Technical Insertion (OSIP 019-14) Block 7 GFE unjustified growth		-4,027	
Technical Insertion (OSIP 019-14) MANGU/digital			
Interoperability NRE unjustified growth		-2,860	
40 FEWSG	651	651	0
41 CARGO/TRANSPORT A/C SERIES	13,930	13,930	0
42 E-6 SERIES	164,571	151,342	-13,229
HPTS A and B Kits previously funded		-5,727	
Communications upgrade (OSIP 012-07) support costs previously funded		-3,438	
Mission systems (OSIP 014-21) training costs unjustified		-4,064	
43 EXECUTIVE HELICOPTERS SERIES	60,498	60,498	0
44 T-45 SERIES	170,357	170,357	0
45 POWER PLANT CHANGES	21,079	21,079	0
46 JPATS SERIES	28,005	28,005	0
48 COMMON ECM EQUIPMENT	53,614	53,614	0

P-1	Budget Request	Committee Recommended	Change from Request
49 COMMON AVIONICS CHANGES	136,199	136,199	0
50 COMMON DEFENSIVE WEAPON SYSTEM	6,585	6,585	0
51 ID SYSTEMS	13,085	13,085	0
52 P-8 SERIES	316,168	316,168	0
53 MAGTF EW FOR AVIATION	24,901	24,901	0
54 MQ-8 SERIES	14,700	14,700	0
55 V-22 (TILT/ROTOR ACFT) OSPREY	215,997	204,840	-11,157
MV-22 readiness (OSIP 028-12) ECP 1206 APU K8/K9 improvement previously funded		-1,221	
MV-22 readiness (OSIP 028-12) ECP 1115.1 conversion area harness previously funded		-4,454	
MV-22 readiness ECP 1081 aft sponson fuel tank previously funded		-1,457	
MV-22 readiness ECP 1196.1 coanda valve reliability improvement previously funded		-1,932	
Other support cost previously funded		-2,093	
56 NEXT GENERATION JAMMER (NGJ)	426,396	421,372	-5,024
Support equipment (OSIP 002-19) unjustified growth		-5,024	
57 F-35 STOVL SERIES	311,921	311,921	0
58 F-35 CV SERIES	166,909	166,909	0
59 QRC	28,206	28,206	0
60 MQ-4 SERIES	93,951	74,226	-19,725
Increment 1 main and forward operating base upgrade previously funded		-12,809	
OSIP (003-23) previously funded		-3,788	
OSIP (004-23) previously funded		-3,128	
62 SPARES AND REPAIR PARTS	2,451,244	2,451,244	0
63 COMMON GROUND EQUIPMENT	566,156	553,784	-12,372
Hydraulics particle counter contract award delay		-3,620	
Electrical medium capacity MEPP contract award delay		-3,319	
Electrical AECTS replacement modification contract award delay		-5,433	
64 AIRCRAFT INDUSTRIAL FACILITIES	133,815	137,815	4,000
Program increase - additive manufacturing tier 2 sustainment		4,000	
65 WAR CONSUMABLES	44,632	44,632	0
66 OTHER PRODUCTION CHARGES	49,907	49,907	0
67 SPECIAL SUPPORT EQUIPMENT	404,178	384,850	-19,328
Classified adjustment		-19,328	
TOTAL, AIRCRAFT PROCUREMENT, NAVY	17,336,760	17,450,040	113,280

F/A-18 SUPER HORNET AIRCRAFT

The Committee remains deeply concerned by the Navy's continued strike fighter aircraft shortfall, which contravenes the legislative requirement of ten carrier air wings by 2025. The Navy projects it will not resolve this gap until 2031. To mitigate the impacts of the shortfall, the Department of Defense Appropriations Acts for 2022 and 2023 included a total of 20 additional F/A-18 Super Hornet aircraft. The Committee is frustrated that the Navy has yet to put any of the aircraft on contract and is extremely troubled by the Navy's failure to comply with congressional intent. The Committee expects the Secretary of the Navy to award these aircraft, as required by law, with appropriate expediency.

NAVY ADVERSARY AIRCRAFT FOR TRAINING PURPOSES

The Committee notes the growing requirement for near-peer representative air-to-air training using aggressor aircraft with capabilities similar to that of advanced adversaries. The Committee remains supportive of ongoing efforts to increase capabilities of aircraft assigned to aggressor squadrons; however, the Committee remains concerned about the overuse of some legacy aircraft to carry out this mission in the long-term. To maintain strategic Navy Reserve air strike fighter and air aggressor capability, the Committee encourages the Secretary of the Navy to transition deployable F/A-18E/F aircraft considered for divestment, as available, from the Active Component to Navy Reserve aviation squadrons.

WEAPONS PROCUREMENT, NAVY

The Committee recommends the following appropriations for Weapons Procurement, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 CONVENTIONAL PROMPT STRIKE Early to need	341,434	256,076 -85,358	-85,358
2 TRIDENT II MODS Production support excess growth Concurrency	1,284,705	1,229,035 -20,670 -35,000	-55,670
3 MISSILE INDUSTRIAL FACILITIES	7,954	7,954	0
4 TOMAHAWK	72,908	72,908	0
5 AMRAAM Long lead excess to need	439,153	367,853 -71,300	-71,300
6 SIDEWINDER AUR Block II unit cost increase Captive air training block missile unit cost increase	78,165	70,924 -2,859 -4,382	-7,241
7 STANDARD MISSILE Navy requested realignment to RDTE,N line 125 Stabilize production ramp Unjustified request Program increase - second source rocket motor	969,525	732,238 -12,600 -105,419 -169,268 50,000	-237,287
8 STANDARD MISSILE Unjustified request	227,320	0 -227,320	-227,320
9 SMALL DIAMETER BOMB II AUR unit cost growth	65,863	64,497 -1,366	-1,366
10 RAM	114,896	114,896	0
11 JOINT AIR GROUND MISSILE (JAGM) JAGM AUR unit cost growth	79,292	73,924 -5,368	-5,368
12 HELLFIRE	6,923	6,923	0
13 AERIAL TARGETS EM203 GQM-163A excess unit cost	176,588	174,725 -1,863	-1,863
14 OTHER MISSILE SUPPORT	3,687	3,687	0
15 LRASM EOQ unjustified request	639,636	404,576 -235,060	-235,060
16 NAVAL STRIKE MISSILE (NSM) Naval strike missile unit cost growth	29,925	25,551 -4,374	-4,374
17 NAVAL STRIKE MISSILE (NSM) EOQ unjustified request	5,755	0 -5,755	-5,755
18 TOMAHAWK MODS Contract award delays	540,944	508,455 -32,489	-32,489

P-1	Budget Request	Committee Recommended	Change from Request
19 ESSM	290,129	290,129	0
20 AARGM-ER	162,429	162,429	0
21 AARGM-ER Unjustified request	33,273	0 -33,273	-33,273
22 STANDARD MISSILES MODS SM-2 BLK IIIC unit cost growth	89,255	80,536 -8,719	-8,719
23 WEAPONS INDUSTRIAL FACILITIES	2,037	2,037	0
25 ORDNANCE SUPPORT EQUIPMENT	208,154	208,154	0
26 SSTO	4,830	4,830	0
27 MK-48 TORPEDO Guidance and control previously funded Installation excess cost	308,497	296,347 -10,332 -1,818	-12,150
28 ASW TARGETS	14,817	14,817	0
29 MK-54 TORPEDO MODS MK-54 KITS MOD 1 contract award delay	104,086	79,291 -24,795	-24,795
30 MK-48 TORPEDO ADCAP MODS	20,714	20,714	0
31 MARITIME MINES	58,800	58,800	0
32 TORPEDO SUPPORT EQUIPMENT	133,187	133,187	0
33 ASW RANGE SUPPORT	4,146	4,146	0
34 FIRST DESTINATION TRANSPORTATION	5,811	5,811	0
35 SMALL ARMS AND WEAPONS	14,165	14,165	0
36 CIWS MODS	4,088	4,088	0
37 COAST GUARD WEAPONS	55,172	55,172	0
38 GUN MOUNT MODS	82,682	82,682	0
39 LCS MODULE WEAPONS	3,264	3,264	0
40 AIRBORNE MINE NEUTRALIZATION SYSTEMS	14,357	14,357	0
42 SPARES AND REPAIR PARTS	177,819	177,819	0
TOTAL, WEAPONS PROCUREMENT, NAVY	6,876,385	5,826,997	-1,049,388

PROCUREMENT OF AMMUNITION, NAVY AND MARINE
CORPS

The Committee recommends the following appropriations for Procurement of Ammunition, Navy and Marine Corps:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 GENERAL PURPOSE BOMBS	43,519	38,893	-4,626
Q2181 laser guided bombs contract award delay		-4,626	
2 JDAM	73,689	70,049	-3,640
Miscellaneous support excess growth		-3,640	
3 AIRBORNE ROCKETS, ALL TYPES	67,423	59,468	-7,955
MK 66 rocket motor unit cost growth		-5,195	
Containers excess growth		-2,760	
4 MACHINE GUN AMMUNITION	11,862	11,862	0
5 PRACTICE BOMBS	52,481	46,325	-6,156
Q1050 BLU-109 contract award delay		-6,156	
6 CARTRIDGES & CART ACTUATED DEVICES	72,426	72,426	0
7 AIR EXPENDABLE COUNTERMEASURES	104,529	89,369	-15,160
Dual band decoy contract award delay		-15,160	
8 JATOS	7,433	7,433	0
9 5 INCH/54 GUN AMMUNITION	30,871	25,841	-5,030
AC850 product improvement cost excess growth		-5,030	
10 INTERMEDIATE CALIBER GUN AMMUNITION	41,261	41,261	0
11 OTHER SHIP GUN AMMUNITION	44,044	44,044	0
12 SMALL ARMS & LANDING PARTY AMMO	48,478	48,478	0
13 PYROTECHNIC AND DEMOLITION	9,521	9,521	0
14 AMMUNITION LESS THAN \$5 MILLION	1,679	1,679	0
15 EXPEDITIONARY LOITERING MUNITIONS	249,575	249,575	0
16 MORTARS	61,274	54,851	-6,423
CA63 CTG mortar 81MM HE frag unit cost growth		-4,778	
BA44 CTG mortar 60MM hardware unit cost growth		-1,645	
17 DIRECT SUPPORT MUNITIONS	73,338	73,338	0
18 INFANTRY WEAPONS AMMUNITION	178,240	172,515	-5,725
B542, CTG, 40MM LNKD high explosive dual purpose hardware unit cost growth		-1,808	
AB39, CTG, 7.62 millimeter, MK 316 mod contract award delay		-602	
AC15, CAL .50 4 & 1 contract award delay		-3,315	
19 COMBAT SUPPORT MUNITIONS	15,897	15,897	0
20 AMMO MODERNIZATION	17,941	17,941	0

P-1	Budget Request	Committee Recommended	Change from Request
21 ARTILLERY MUNITIONS	82,452	82,452	0
22 ITEMS LESS THAN \$5 MILLION	5,340	5,340	0
TOTAL, PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS	1,293,273	1,238,558	-54,715

SHIPBUILDING AND CONVERSION, NAVY

The Committee recommends the following appropriations for Shipbuilding and Conversion, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	COLUMBIA CLASS SUBMARINE	2,443,598	2,443,598	0
2	COLUMBIA CLASS SUBMARINE (AP-CY)	3,390,734	3,390,734	0
3	CARRIER REPLACEMENT PROGRAM (CVN-80) Joint precision aircraft landing system early to need	1,115,296	1,104,421 -10,875	-10,875
4	CARRIER REPLACEMENT PROGRAM (CVN-81)	800,492	800,492	0
5	VIRGINIA CLASS SUBMARINE	7,129,965	7,129,965	0
6	VIRGINIA CLASS SUBMARINE (AP-CY)	3,215,539	3,215,539	0
8	CVN REFUELING OVERHAULS (AP-CY) Excess growth	817,646	802,988 -14,658	-14,658
9	DDG 1000 TSCE modernization previously funded Mission systems activation unjustified growth	410,400	318,655 -56,730 -35,015	-91,745
10	DDG-51	4,199,179	4,199,179	0
11	DDG-51 (AP-CY)	284,035	284,035	0
13	FFG-FRIGATE GFE unjustified growth Change orders unjustified growth	2,173,698	2,133,861 -30,287 -9,550	-39,837
18	LHA REPLACEMENT	1,830,149	1,830,149	0
21	AS SUBMARINE TENDER Unjustified request	1,733,234	1,544,595 -188,639	-188,639
22	TAO FLEET OILER	815,420	815,420	0
25	LCU 1700	62,532	62,532	0
26	OUTFITTING Outfitting early to need	557,365	539,681 -17,684	-17,684
27	SHIP TO SHORE CONNECTOR Program increase - four additional SSC	0	400,000 400,000	400,000
28	SERVICE CRAFT Program increase - one additional craft	63,815	85,115 21,300	21,300
30	LCAC SLEP	15,286	15,286	0

P-1	Budget Request	Committee Recommended	Change from Request
31 AUXILIARY VESSELS (USED SEALIFT)	142,008	142,008	0
32 COMPLETION OF PY SHIPBUILDING PROGRAMS	1,648,559	1,648,559	0
TOTAL, SHIPBUILDING AND CONVERSION, NAVY	32,848,950	32,906,812	57,862

OTHER PROCUREMENT, NAVY

The Committee recommends the following appropriations for Other Procurement, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[in thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1	SURFACE POWER EQUIPMENT	12,864	-1,139
	Propellers and shafts – DDG 1000 blade set cost growth	-1,139	
2	SURFACE COMBATANT HM&E	99,337	-6,104
	Ship control systems DDG 51 class cost growth	-6,104	
3	OTHER NAVIGATION EQUIPMENT	110,286	0
4	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	262,951	0
5	DDG MOD	625,592	-2,940
	Solid state radar equipment support costs excess growth	-2,940	
6	FIREFIGHTING EQUIPMENT	34,782	0
7	COMMAND AND CONTROL SWITCHBOARD	2,458	0
8	LHA/LHD MIDLIFE	97,929	-6,440
	Machinery control system contract award delay	-6,440	
9	LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	10,529	0
10	POLLUTION CONTROL EQUIPMENT	23,272	0
11	SUBMARINE SUPPORT EQUIPMENT	112,526	0
12	VIRGINIA CLASS SUPPORT EQUIPMENT	32,076	0
13	LCS CLASS SUPPORT EQUIPMENT	18,832	0
14	SUBMARINE BATTERIES	28,221	0
15	LPD CLASS SUPPORT EQUIPMENT	76,962	-14,928
	Mid-life modernization NRE early to need	-8,312	
	HW/SW obsolescence installation cost growth	-6,616	
16	DDG 1000 CLASS SUPPORT EQUIPMENT	220,924	-11,200
	SPECTRAL integration previously funded	-11,200	
17	STRATEGIC PLATFORM SUPPORT EQUIP	23,403	-1,655
	SWSS (VAMP MOD 3) unjustified growth	-1,655	
18	DSSP EQUIPMENT	4,623	0
20	LCAC	10,794	0
21	UNDERWATER EOD EQUIPMENT	19,549	0
22	ITEMS LESS THAN \$5 MILLION	86,001	0

P-1	Budget Request	Committee Recommended	Change from Request
23 CHEMICAL WARFARE DETECTORS	3,288	3,288	0
24 SHIP MAINTENANCE, REPAIR AND MODERNIZATION Early to need	2,746,313	1,939,214 -807,099	-807,099
25 REACTOR POWER UNITS	2,016	2,016	0
26 REACTOR COMPONENTS	390,148	390,148	0
27 DIVING AND SALVAGE EQUIPMENT	18,086	18,086	0
28 STANDARD BOATS	74,963	74,963	0
29 OPERATING FORCES IPE Prior year under execution Program increase - oily waste treatment systems	187,495	190,888 -6,607 10,000	3,393
30 LCS COMMON MISSION MODULES EQUIPMENT	49,060	49,060	0
31 LCS MCM MISSION MODULES Electromagnetic sweep cables contract award delay AN/SLW-2 unmanned surface vehicle previously funded	93,961	79,670 -2,291 -12,000	-14,291
33 LCS SUW MISSION MODULES	12,102	12,102	0
34 LCS IN-SERVICE MODERNIZATION	171,704	171,704	0
35 SMALL & MEDIUM UUV MK 18 advanced sensor package previously funded	61,951	56,856 -5,095	-5,095
36 LSD MIDLIFE & MODERNIZATION	7,594	7,594	0
37 SPQ-9B RADAR	7,267	7,267	0
38 AN/SQQ-89 SURF ASW COMBAT SYSTEM	138,065	138,065	0
39 SSN ACOUSTIC EQUIPMENT	463,577	463,577	0
40 UNDERSEA WARFARE SUPPORT EQUIPMENT	23,452	23,452	0
41 SUBMARINE ACOUSTIC WARFARE SYSTEM ADC MK3 non recurring unjustified request	46,726	41,726 -5,000	-5,000
42 SSTD	14,560	14,560	0
43 FIXED SURVEILLANCE SYSTEM	420,069	420,069	0
44 SURTASS	33,910	33,910	0
45 AN/SLQ-32	329,513	329,513	0

P-1	Budget Request	Committee Recommended	Change from Request
46 SHIPBOARD IW EXPLOIT	379,230	376,000	-3,230
Mods ECP excess support growth		-3,230	
47 AUTOMATED IDENTIFICATION SYSTEM (AIS)	4,082	4,082	0
48 COOPERATIVE ENGAGEMENT CAPABILITY	37,677	37,677	0
49 NAVAL TACTICAL COMMAND SUPPORT SYSTEM	15,374	15,374	0
50 ATDLS	50,148	50,148	0
51 NAVY COMMAND AND CONTROL SYSTEM	3,918	3,918	0
52 MINESWEEPING SYSTEM REPLACEMENT	16,814	16,814	0
54 NAVSTAR GPS RECEIVERS (SPACE)	37,319	37,319	0
55 AMERICAN FORCES RADIO AND TV SERVICE	2,750	2,750	0
56 STRATEGIC PLATFORM SUPPORT EQUIP	6,437	6,437	0
57 ASHORE ATC EQUIPMENT	89,237	89,237	0
58 AFLOAT ATC EQUIPMENT	90,487	90,487	0
59 ID SYSTEMS	59,234	59,234	0
60 JOINT PRECISION APPROACH AND LANDING SYSTEM	3,343	3,343	0
61 NAVAL MISSION PLANNING SYSTEMS	39,180	39,180	0
62 MARITIME INTEGRATED BROADCAST SYSTEM	6,994	6,994	0
63 TACTICAL/MOBILE C4I SYSTEMS	52,026	52,026	0
64 DCGS-N	16,579	16,579	0
65 CANES	467,587	467,587	0
66 RADIAC	16,475	16,475	0
67 CANES-INTELL	48,207	48,207	0
68 GPETE	25,761	25,761	0
69 MASF	16,475	16,475	0
70 INTEG COMBAT SYSTEM TEST FACILITY	6,345	6,345	0
71 EMI CONTROL INSTRUMENTATION	4,282	4,282	0

P-1	Budget Request	Committee Recommended	Change from Request
73 IN-SERVICE RADARS AND SENSORS	255,256	284,202	28,946
I-Stalker install cost excess growth		-2,054	
Program increase - next generation surface search radar additional units		31,000	
74 BATTLE FORCE TACTICAL NETWORK	74,180	74,180	0
75 SHIPBOARD TACTICAL COMMUNICATIONS	29,776	29,776	0
76 SHIP COMMUNICATIONS AUTOMATION	96,916	96,916	0
77 COMMUNICATIONS ITEMS UNDER \$5M	14,107	14,107	0
78 SUBMARINE BROADCAST SUPPORT	73,791	73,791	0
79 SUBMARINE COMMUNICATION EQUIPMENT	83,178	83,178	0
80 SATELLITE COMMUNICATIONS SYSTEMS	72,871	70,203	-2,668
Commercial broadband satellite program support costs growth		-2,668	
81 NAVY MULTIBAND TERMINAL (NMT)	37,921	37,921	0
82 JOINT COMMUNICATIONS SUPPORT ELEMENT	5,065	5,065	0
83 INFO SYSTEMS SECURITY PROGRAM (ISSP)	154,890	153,716	-1,174
Key management afloat support costs growth		-1,174	
84 MIO INTEL EXPLOITATION TEAM	1,079	1,079	0
85 CRYPTOLOGIC COMMUNICATIONS EQUIP	17,483	17,483	0
86 COAST GUARD EQUIPMENT	77,458	77,458	0
88 SONOBUOYS - ALL TYPES	311,177	311,177	0
89 MINOTAUR	5,396	5,396	0
90 WEAPONS RANGE SUPPORT EQUIPMENT	147,556	147,556	0
91 AIRCRAFT SUPPORT EQUIPMENT	162,273	161,203	-1,070
Lightweight matting contract award delay		-1,070	
92 ADVANCED ARRESTING GEAR (AAG)	11,930	11,930	0
93 ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM	17,836	17,836	0
94 METEOROLOGICAL EQUIPMENT	19,703	19,703	0
95 LEGACY AIRBORNE MCM	12,202	8,452	-3,750
Modifications insufficient justification		-3,750	
97 AVIATION SUPPORT EQUIPMENT	82,115	82,115	0
98 UMCS-UNMAN CARRIER AVIATION MISSION CNTRL	152,687	150,713	-1,974
UCA transport system unit cost growth		-1,974	

P-1	Budget Request	Committee Recommended	Change from Request
99 ARCHITECT & CAP FOR AUTONOMY IN NAV ENTER	1,612	1,612	0
100 SHIP GUN SYSTEMS EQUIPMENT	6,404	6,404	0
101 HARPOON SUPPORT EQUIPMENT	227	227	0
102 SHIP MISSILE SUPPORT EQUIPMENT SPY radar refurbishment excess growth	294,511	285,079 -9,432	-9,432
103 TOMAHAWK SUPPORT EQUIPMENT	92,432	92,432	0
104 STRATEGIC MISSILE SYSTEMS EQUIP Fire control SSI increment 15 production unit cost growth	325,318	322,738 -2,580	-2,580
105 SSN COMBAT CONTROL SYSTEMS	133,063	133,063	0
106 ASW SUPPORT EQUIPMENT Program increase - Secure Autonomous Data Link for Undersea Warfare (USW) Portable Ranges (SADL-UP)	27,469	37,319 9,850	9,850
107 EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT	27,864	27,864	0
108 ITEMS LESS THAN \$5 MILLION	6,171	6,171	0
109 ANTI-SHIP MISSILE DECOY SYSTEM	56,630	56,630	0
110 SUBMARINE TRAINING DEVICE MODS	76,954	76,954	0
111 SURFACE TRAINING EQUIPMENT	209,487	209,487	0
112 PASSENGER CARRYING VEHICLES	3,827	3,827	0
113 GENERAL PURPOSE TRUCKS	4,570	4,570	0
114 CONSTRUCTION & MAINTENANCE EQUIP Program increase - GPS-based machine control systems	56,829	60,829 4,000	4,000
115 FIRE FIGHTING EQUIPMENT	16,583	16,583	0
116 TACTICAL VEHICLES	24,236	24,236	0
117 AMPHIBIOUS EQUIPMENT	4,504	4,504	0
118 POLLUTION CONTROL EQUIPMENT	3,898	3,898	0
119 ITEMS LESS THAN \$5 MILLION	67,286	67,286	0
120 PHYSICAL SECURITY VEHICLES	1,286	1,286	0
121 SUPPLY EQUIPMENT	33,258	33,258	0
122 FIRST DESTINATION TRANSPORTATION	6,977	6,977	0
123 SPECIAL PURPOSE SUPPLY SYSTEMS	659,529	659,529	0

P-1	Budget Request	Committee Recommended	Change from Request
124 TRAINING SUPPORT EQUIPMENT	2,083	2,083	0
125 TRAINING AND EDUCATION EQUIPMENT	106,542	106,542	0
126 COMMAND SUPPORT EQUIPMENT	44,448	44,448	0
127 MEDICAL SUPPORT EQUIPMENT Program increase - fleet hospital program	12,529	17,529 5,000	5,000
129 NAVAL MIP SUPPORT EQUIPMENT	5,408	5,408	0
130 OPERATING FORCES SUPPORT EQUIPMENT	12,105	12,105	0
131 C4ISR EQUIPMENT	7,670	7,670	0
132 ENVIRONMENTAL SUPPORT EQUIPMENT	52,597	52,597	0
133 PHYSICAL SECURITY EQUIPMENT	108,901	108,901	0
134 ENTERPRISE INFORMATION TECHNOLOGY	42,154	42,154	0
139 NEXT GENERATION ENTERPRISE SERVICE	177,585	177,585	0
140 CYBERSPACE ACTIVITIES Persistent cyber training environment unjustified request	23,176	14,176 -9,000	-9,000
142 SPARES AND REPAIR PARTS	645,900	645,900	0
143 VIRGINIA CLASS (VAULT) SPARES AND REPAIR PARTS	470,000	470,000	0
999 CLASSIFIED PROGRAMS	16,290	16,290	0
TOTAL, OTHER PROCUREMENT, NAVY	14,535,257	13,675,677	-859,580

PROCUREMENT, MARINE CORPS

The Committee recommends the following appropriations for Procurement, Marine Corps:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 AAV7A1 PIP	3,353	3,353	0
2 AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	557,564	554,009	-3,555
Production support excess growth		-3,555	
3 LAV PIP	42,052	42,052	0
4 155MM LIGHTWEIGHT TOWED HOWITZER	489	489	0
5 ARTILLERY WEAPONS SYSTEM	165,268	104,353	-60,915
NMESIS NSM launcher contract award delay		-39,155	
NMESIS rouge fires carrier contract award delay		-21,760	
6 WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	14,004	14,004	0
7 TOMAHAWK	105,192	93,648	-11,544
Carryover		-11,544	
8 NAVAL STRIKE MISSILE (NSM)	169,726	169,726	0
9 NAVAL STRIKE MISSILE (NSM)	39,244	0	-39,244
EOQ unjustified request		-39,244	
10 GROUND BASED AIR DEFENSE	249,103	229,950	-19,153
Installations unjustified growth		-6,586	
Lightweight marine air defense system contract award delay		-17,067	
Program increase - medium range intercept capability		4,500	
11 ANTI-ARMOR MISSILE-JAVELIN	54,883	53,640	-1,243
LWCLU surcharge unjustified		-1,243	
12 FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)	23,627	23,627	0
13 ANTI-ARMOR MISSILE-TOW	2,007	2,007	0
14 GUIDED MLRS ROCKET (GMLRS)	8,867	8,867	0
15 COMMON AVIATION COMMAND AND CONTROL SYSTEM	75,382	72,908	-2,474
Engineering/fielding support excess growth		-2,474	
16 REPAIR AND TEST EQUIPMENT	53,590	53,590	0
17 MODIFICATION KITS	1,782	1,782	0
18 ITEMS UNDER \$5 MILLION (COMM & ELEC)	122,917	118,038	-4,879
SBNVG unit cost growth		-4,879	

P-1	Budget Request	Committee Recommended	Change from Request
19 AIR OPERATIONS C2 SYSTEMS	23,744	18,714	-5,030
CTN system production cost growth		-2,786	
ECPs excess growth		-2,244	
20 GROUND/AIR TASK ORIENTED RADAR (GIATOR)	66,291	66,291	0
21 ELECTRO MAGNETIC SPECTRUM OPERATIONS	177,270	177,270	0
22 GCSS-MC	4,144	4,144	0
23 FIRE SUPPORT SYSTEM	58,483	55,308	-3,175
Mobile shelter modernization contract award delay		-3,175	
24 INTELLIGENCE SUPPORT EQUIPMENT	148,062	148,062	0
26 UNMANNED AIR SYSTEMS (INTEL)	52,273	48,252	-4,021
Long range/ long endurance unit cost growth		-2,302	
Short range/ short endurance unit cost growth		-1,719	
27 DCGS-MC	68,289	68,289	0
28 UAS PAYLOADS	19,088	19,088	0
31 EXPEDITIONARY SUPPORT EQUIPMENT	2,010	2,010	0
32 MARINE CORPS ENTERPRISE NETWORK (MCEN)	259,044	244,479	-14,565
Network transport excess growth		-14,565	
33 COMMON COMPUTER RESOURCES	27,966	27,966	0
34 COMMAND POST SYSTEMS	71,109	69,151	-1,958
NOTM ground combat vehicles ultra-light tactical vehicle systems unit cost growth		-1,958	
35 RADIO SYSTEMS	544,059	504,327	-39,732
MARNAB Block 1 contract award delay		-8,185	
LRS FoS TEAMS II independent mast contract award delay		-31,547	
36 COMM SWITCHING & CONTROL SYSTEMS	46,276	46,276	0
37 COMM & ELEC INFRASTRUCTURE SUPPORT	27,111	27,111	0
38 CYBERSPACE ACTIVITIES	27,583	27,583	0
40 UNMANNED EXPEDITIONARY SYSTEMS	13,564	13,564	0
43 COMMERCIAL CARGO VEHICLES	34,169	34,169	0
44 MOTOR TRANSPORT MODIFICATIONS	17,299	17,299	0
45 JOINT LIGHT TACTICAL VEHICLE	232,501	232,501	0
46 TRAILERS	2,034	2,034	0

P-1	Budget Request	Committee Recommended	Change from Request
47 TACTICAL FUEL SYSTEMS	12,956	12,956	0
48 POWER EQUIPMENT ASSORTED	28,899	28,899	0
49 AMPHIBIOUS SUPPORT EQUIPMENT	15,691	15,691	0
50 EOD SYSTEMS	41,200	41,200	0
51 PHYSICAL SECURITY EQUIPMENT	53,949	53,949	0
52 FIELD MEDICAL EQUIPMENT Program increase - damage control resuscitation and damage control surgery equipment	5,457	7,957 2,500	2,500
53 TRAINING DEVICES Program increase - individual combat aircrew display system	96,577	101,577 5,000	5,000
54 FAMILY OF CONSTRUCTION EQUIPMENT	29,883	29,883	0
55 ULTRA-LIGHT TACTICAL VEHICLE (ULTV)	17,034	17,034	0
56 ITEMS LESS THAN \$5 MILLION	27,691	27,691	0
57 SPARES AND REPAIR PARTS	35,657	35,657	0
999 CLASSIFIED PROGRAMS	2,799	2,799	0
TOTAL, PROCUREMENT MARINE CORPS	3,979,212	3,775,224	-203,988

AIRCRAFT PROCUREMENT, AIR FORCE

The Committee recommends the following appropriations for Aircraft Procurement, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 B-21 RAIDER	1,617,093	1,617,093	0
2 B-21 RAIDER (AP-CY)	708,000	708,000	0
3 F-35	4,877,121	5,133,108	255,987
Non-recurring costs excess to need		-6,319	
Fixed JPO support excess to need		-15,047	
Program increase - three F-35A aircraft		277,353	
4 F-35 (AP-CY)	402,000	318,585	-83,415
Long lead material unjustified request		-83,415	
5 F-15EX	2,670,039	2,431,171	-238,868
SEPM unit cost growth		-11,690	
Other support costs unjustified growth		-26,730	
F-15EX depot activation - Air Force requested transfer to line 81		-80,000	
Air Force requested transfer to line 25		-120,448	
6 F-15EX (AP-CY)	228,000	228,000	0
7 KC-46A MDAP	2,882,590	2,758,048	-124,542
GFE (LAIRCM) previously funded		-4,821	
Commodities activation excess to need		-41,000	
Government software integration lab excess to need		-47,150	
Boom telescope actuator redesign excess to need		-25,000	
PSC - other government costs unjustified growth		-6,571	
8 C-130J	34,921	522,121	487,200
Program increase - four aircraft for the Air National Guard		487,200	
11 MH-139A	228,807	213,804	-15,003
Depot stand up costs unjustified request		-6,250	
Interim contractor support excess to need		-8,753	
12 COMBAT RESCUE HELICOPTER	282,533	379,749	97,216
Obsolescence ahead of need		-22,784	
Program increase - two aircraft		120,000	
13 CIVIL AIR PATROL A/C	3,013	11,900	8,887
Program increase		8,887	
16 TARGET DRONES	42,226	42,226	0
17 E-11 BACN/HAG	67,367	67,367	0
19 B-2A	107,980	99,200	-8,780
LO signature mods previously funded		-2,565	
IFF mode 5/S installation ahead of need		-6,215	

P-1	Budget Request	Committee Recommended	Change from Request
20 B-1B	12,757	9,782	-2,975
B-1B - Air Force requested transfer to line 66		-2,975	
21 B-52	65,815	30,313	-35,502
VLF/LF delays		-10,383	
Tactical data link GFP previously funded		-4,838	
Tactical data link contract award delay		-6,264	
Air Force requested transfer to RDTE,AF line 145		-14,017	
22 LARGE AIRCRAFT INFRARED COUNTERMEASURES	21,723	21,723	0
24 E-11 BACN/HAG	58,923	56,923	-2,000
Other government costs unjustified request		-1,000	
FFRDC support unjustified request		-1,000	
25 F-15	34,830	155,278	120,448
Air Force requested transfer from line 5		120,448	
26 F-16	297,342	255,790	-41,552
Overestimation of SLEP induction rate		-30,393	
Comms suite upgrade kits previously funded		-5,705	
Comms suite upgrade installation delays		-5,454	
27 F-22A	794,676	359,679	-434,997
Sensor enhancement delays		-434,997	
28 F-35 MODIFICATIONS	451,798	451,798	0
29 F-15 EPAW	280,658	230,967	-49,691
SEPM unjustified growth		-15,681	
Depot activation ahead of need		-12,000	
Installation excess to need		-22,010	
31 C-5	24,377	22,187	-2,190
Lavatory installation unjustified growth		-2,190	
32 C-17A	140,560	120,710	-19,850
BLOS unit cost growth		-1,518	
BLOS installation delay		-18,332	
33 C-32A	19,060	19,060	0
34 C-37A	13,454	13,454	0
35 GLIDER MODS	5,270	5,270	0
36 T-6	2,942	2,942	0
37 T-1	10,950	10,950	0

P-1	Budget Request	Committee Recommended	Change from Request
38 T-38	125,340	100,427	-24,913
PC III installs ahead of need		-12,345	
TRIM installs ahead of need		-12,568	
40 U-2 MODS	54,727	54,727	0
42 C-12	446	446	0
44 VC-25A MOD	29,707	29,707	0
45 C-40	8,921	8,921	0
46 C-130	71,177	71,177	0
47 C-130J MODS	121,258	101,658	-19,600
CWR ahead of need		-9,000	
Block 8.1 other government costs unjustified growth		-10,600	
48 C-135	153,595	117,591	-36,004
Block 45 unjustified support costs		-19,650	
Block 45 installs ahead of need		-8,000	
RPI unjustified support costs		-1,086	
AERO-I SATCOM ahead of need		-3,744	
MUOS radios unjustified PSC OGC request		-1,971	
COMM2 crypto unjustified PSC OGC request		-1,553	
49 COMPASS CALL	144,686	144,686	0
50 COMBAT FLIGHT INSPECTION - CFIN	446	446	0
51 RC-135	220,138	220,138	0
52 E-3	1,350	1,350	0
52a E-7	0	200,000	200,000
Program increase - Air Force unfunded priority for E-7 delivery acceleration		200,000	
53 E-4	13,055	13,055	0
56 H-1	816	816	0
57 H-60	4,207	4,207	0
60 HC/MC-130 MODIFICATIONS	101,055	101,055	0
61 OTHER AIRCRAFT	54,134	65,753	11,619
Full combat mission trainers - Air Force requested transfer from line 66		11,619	
62 MQ-9 MODS	98,063	98,063	0

P-1	Budget Request	Committee Recommended	Change from Request
64 SENIOR LEADER C3 SYSTEM - AIRCRAFT	24,847	24,347	-500
C-37 installation cost adjustment		-500	
65 CV-22 MODS	153,006	153,006	0
65a LGM-35A SENTINEL ICBM	0	7,650	7,650
Air Force requested transfer from RDTE,AF line 95		7,650	
66 INITIAL SPARES/REPAIR PARTS	781,521	769,527	-11,994
T-1A spares unjustified request		-3,350	
Full combat mission trainers - Air Force requested transfer to line 61		-11,619	
B-1B - Air Force requested transfer from line 20		2,975	
67 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	157,664	160,347	2,683
Program increase - future pilot training center beddown (MUNS equipment)		2,683	
68 B-2A	1,838	1,838	0
69 B-2B	15,207	15,207	0
72 MC-130J	10,117	10,117	0
74 F-16	1,075	6,984	5,909
Program increase - future pilot training center beddown (F-16 post production support)		5,909	
75 F-22A	38,418	38,418	0
79 INDUSTRIAL RESPONSIVENESS	18,874	18,874	0
80 WAR CONSUMABLES	27,482	23,126	-4,356
ALE-70 towed decoy unit cost adjustment		-4,356	
81 OTHER PRODUCTION CHARGES	1,478,044	1,318,382	-159,662
Combat training range system pods unit cost adjustment		-1,951	
T-7A depot activation ahead of need		-33,609	
F-15EX depot activation - Air Force requested transfer from line 5		80,000	
Classified adjustment		25,254	
Classified adjustment		-229,356	
999 CLASSIFIED PROGRAMS	17,165	17,165	0
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	20,315,204	20,196,409	-118,795

F-22 SENSOR ENHANCEMENTS

The Committee strongly supports the increased investment in modernizing the F-22A, which is critical to executing the National Defense Strategy. In particular, the Committee finds that the Sensor Enhancement program is aligned with several key Operational Imperatives and is also fundamental to future air superiority. However, the Committee is deeply concerned by the program's developmental delays and the lack of corresponding adjustments in the fiscal year 2024 President's budget request, despite significant reprogramming actions in fiscal year 2023. Due to the pending Manufacturing Readiness Review and flight test demonstration, the Committee recommends a reduction of \$434,997,000 to Sensor Enhancements Group B. The Committee urges the Secretary of the Air Force to keep the congressional defense committees informed on the outcomes of these tests and other developments so it can make informed future decisions.

C-40 AIRCRAFT

While the Committee supports recent funding to upgrade certain aspects of the C-40, it is concerned about the aging fleet given the operational demands placed on the aircraft. The Committee also understands that there may be affordable inventory on the commercial airline market that could be converted at low cost to ensure aircraft availability for government senior leaders, including combatant commanders. Therefore, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees, not later than 60 days after the enactment of this Act, that includes a market survey of available aircraft that could be modified for executive airlift, the total cost impact of such an action, and a recommendation on the future fleet size for the C-40 aircraft.

REPAIRED AND REFURBISHED AEROSPACE BEARINGS

The Committee recognizes that the repair and refurbishment of aerospace bearings, which can generate cost savings for both fixed and rotary wing platforms, may produce similar service life and reliability when compared to new bearings. However, the Committee is concerned that the Department of Defense's acquisition practices prevent domestic independent bearing repair service providers from openly participating in solicitations involving Original Equipment Manufacturers, which may have an adverse impact on the defense industrial base. Therefore, the Committee urges the Secretary of Defense to consider ways to improve participation by domestic bearing repair service providers. The Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees, not later than 180 days after the enactment of this Act, detailing the actions taken to support these domestic independent bearing repair service providers.

MISSILE PROCUREMENT, AIR FORCE

The Committee recommends the following appropriations for Missile Procurement, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
MISSILE REPLACEMENT EQUIPMENT-BALLISTIC			
1 (M30GLG)	69,319	65,952	-3,367
PTR unjustified unit cost growth		-6,260	
Program increase - future pilot training center beddown (MUNS equipment)		1,478	
Program increase - future pilot training center beddown (F-16 support equipment)		1,415	
3 GROUND BASED STRATEGIC DETERRENT	539,300	539,300	0
4 LONG RANGE STAND-OFF WEAPON	66,816	66,816	0
5 REPLACEMENT EQUIPMENT & WAR CONSUMABLES	37,318	30,951	-6,367
DCSA production units unjustified cost growth		-6,367	
6 JOINT AIR-SURFACE STANDOFF MISSILE	915,996	915,996	0
7 JOINT AIR-SURFACE STANDOFF MISSILE	769,672	0	-769,672
Program decrease - EOQ unjustified request		-769,672	
8 JOINT STRIKE MISSILE	161,011	159,511	-1,500
F-35 integration ahead of need		-1,500	
9 LRASM0	87,796	87,796	0
10 LRASM0 (AP-CY)	99,871	0	-99,871
Program decrease - EOQ unjustified request		-99,871	
11 SIDEWINDER (AIM-9X)	95,643	95,643	0
12 AMRAAM	489,049	489,049	0
13 AMRAAM (AP-CY)	212,410	0	-212,410
Program decrease - EOQ unjustified request		-212,410	
14 PREDATOR HELLFIRE MISSILE	1,049	1,049	0
15 SMALL DIAMETER BOMB	48,734	48,734	0
16 SMALL DIAMETER BOMB II	291,553	291,553	0
17 STAND-IN ATTACK WEAPON (SIAW)	41,947	41,947	0
18 INDUSTRIAL PREPAREDNESS	793	793	0
19 ICBM FUZE MOD	115,745	102,879	-12,866
Fuze modernization B kit unjustified cost growth		-12,866	
20 ICBM FUZE MOD (AP-CY)	43,044	36,257	-6,787
Quantities ahead of need		-6,787	

P-1	Budget Request	Committee Recommended	Change from Request
21 MINUTEMAN III MODIFICATIONS	48,639	35,350	-13,289
Auto switching unit installs ahead of need		-12,875	
Auto switching unit unjustified unit cost growth		-414	
22 AIR LAUNCH CRUISE MISSILE	41,494	38,930	-2,564
CATIKS unjustified cost growth		-968	
GMFC equipment unjustified cost growth		-1,596	
23 MISSILE SPARES / REPAIR PARTS (INITIAL)	6,840	6,840	0
24 MISSILE SPARES / REPAIR PARTS (REPLEN)	75,191	75,191	0
29 SPECIAL UPDATE PROGRAMS	419,498	419,498	0
999 CLASSIFIED PROGRAMS	851,718	851,718	0
TOTAL, MISSILE PROCUREMENT, AIR FORCE	5,530,446	4,401,753	-1,128,693

PROCUREMENT OF AMMUNITION, AIR FORCE

The Committee recommends the following appropriations for Procurement of Ammunition, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 ROCKETS	18,483	18,483	0
2 CARTRIDGES Small cal/ground munitions - (A143) 7.62MM ball linked unit cost adjustment	101,104	100,604 -500	-500
4 GENERAL PURPOSE BOMBS Previously funded items	142,118	127,263 -14,855	-14,855
5 MASSIVE ORDNANCE PENETRATOR Unjustified request	14,074	0 -14,074	-14,074
6 JOINT DIRECT ATTACK MUNITION PSC other government costs unjustified growth	132,364	128,487 -3,877	-3,877
7 B-61 Program adjustment	68	0 -68	-68
8 B-61 TRAINER	10,100	10,100	0
9 CAD/PAD	51,487	51,487	0
10 EXPLOSIVE ORDNANCE DISPOSAL	6,707	6,707	0
11 SPARES AND REPAIR PARTS	585	585	0
13 FIRST DESTINATION TRANSPORTATION	2,299	2,299	0
14 ITEMS LESS THAN \$5,000,000	5,115	5,115	0
15 EXPENDABLE COUNTERMEASURES	79,786	79,786	0
16 FUZES Historic underexecution	109,562	82,226 -27,336	-27,336
17 SMALL ARMS	29,306	29,306	0
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE	703,158	642,448	-60,710

OTHER PROCUREMENT, AIR FORCE

The Committee recommends the following appropriations for
Other Procurement, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 PASSENGER CARRYING VEHICLES	6,123	6,123	0
2 MEDIUM TACTICAL VEHICLE	3,961	3,961	0
3 CAP VEHICLES	1,027	2,000	973
Program increase		973	
4 CARGO AND UTILITY VEHICLES	45,036	47,910	2,874
Air Force requested transfer from line 11		328	
Air Force requested transfer from OM,AF line 11R		1,974	
Program increase - future pilot training center beddown (BOST vehicles)		269	
Program increase - future pilot training center beddown (F-35 support)		184	
Program increase - future pilot training center beddown (F-16 support)		119	
5 JOINT LIGHT TACTICAL VEHICLE	57,780	51,721	-6,059
Utility unjustified unit cost growth		-6,059	
6 SECURITY AND TACTICAL VEHICLES	390	390	0
7 SPECIAL PURPOSE VEHICLES	79,023	77,560	-1,463
Truck tank fuels 1200 gal unjustified unit cost growth		-7,628	
Air Force requested transfer from line 11		340	
Air Force requested transfer from OM,AF line 11R		3,440	
Program increase - future pilot training center beddown (BOST vehicles)		1,769	
Program increase - future pilot training center beddown (F-35 support)		221	
Program increase - future pilot training center beddown (F-16 support)		395	
8 FIRE FIGHTING/CRASH RESCUE VEHICLES	70,252	71,412	1,160
Program increase - future pilot training center beddown (BOST vehicles)		1,160	
9 MATERIALS HANDLING VEHICLES	73,805	76,000	2,195
Air Force requested transfer from line 11		285	
Air Force requested transfer from OM,AF line 11R		1,805	
Program increase - future pilot training center beddown (BOST vehicles)		105	
10 RUNWAY SNOW REMOV AND CLEANING EQU	22,030	22,375	345
Program increase - future pilot training center beddown (BOST vehicles)		345	
11 BASE MAINTENANCE SUPPORT VEHICLES	223,354	240,634	17,280
Air Force requested transfer to line 4		-328	
Air Force requested transfer to line 7		-340	
Air Force requested transfer to line 9		-285	
Air Force requested transfer from OM,AF line 11R		18,233	

P-1	Budget Request	Committee Recommended	Change from Request
13 COMSEC EQUIPMENT KIV-78 ahead of need	98,600	86,836 -11,764	-11,764
15 INTERNATIONAL INTEL TECH & ARCHITECTURES	5,393	5,393	0
16 INTELLIGENCE TRAINING EQUIPMENT	5,012	5,012	0
17 INTELLIGENCE COMM EQUIPMENT	40,042	40,042	0
18 AIR TRAFFIC CONTROL & LANDING SYS Manportable TACAN readiness support costs unjustified	67,581	65,578 -2,003	-2,003
19 NATIONAL AIRSPACE SYSTEM	3,841	3,841	0
20 BATTLE CONTROL SYSTEM - FIXED	1,867	1,867	0
22 3D EXPEDITIONARY LONG-RANGE RADAR Initial production units unjustified cost growth	83,735	78,723 -5,012	-5,012
23 WEATHER OBSERVATION FORECAST Numerical weather modeling previously funded	28,530	27,530 -1,000	-1,000
24 STRATEGIC COMMAND AND CONTROL	73,593	73,593	0
25 CHEYENNE MOUNTAIN COMPLEX	8,221	8,221	0
26 MISSION PLANNING SYSTEMS Unjustified cost growth	17,078	14,254 -2,824	-2,824
29 STRATEGIC MISSION PLANNING & EXECUTION SYSTEM	3,861	3,861	0
30 GENERAL INFORMATION TECHNOLOGY Full combat mission training unjustified request Mission partner environment nodes - Air Force requested transfer from OM,AF line 12A	206,142	192,270 -44,823 30,951	-13,872
31 AF GLOBAL COMMAND & CONTROL SYS	2,582	2,582	0
32 BATTLEFIELD AIRBORNE CONTROL NODE (BACN)	30	30	0
33 MOBILITY COMMAND AND CONTROL	3,768	3,768	0
34 AIR FORCE PHYSICAL SECURITY SYSTEM	208,704	208,704	0
35 COMBAT TRAINING RANGES P6 combat training system ahead of need	346,340	332,543 -13,797	-13,797
36 MINIMUM ESSENTIAL EMERGENCY COMM GASNTi2 FFRDC support unjustified GASNTi2 HEMP contract award delay GASNTi2 Non-HEMP contract award delay Program increase - future pilot training center beddown (MUNS equipment)	84,102	74,909 -2,470 -5,546 -2,714 1,537	-9,193

P-1	Budget Request	Committee Recommended	Change from Request
37 WIDE AREA SURVEILLANCE (WAS) Historic underexecution	11,594	8,704 -2,890	-2,890
38 C3 COUNTERMEASURES	148,818	148,818	0
44 AIR & SPACE OPERATIONS CENTER (AOC)	5,032	5,032	0
46 BASE INFORMATION TRANSPRT INFRAST (BITI) WIRED Air Force requested transfer from OM,AF line 11Z	108,532	322,704 214,172	214,172
47 AFNET CSCS PMA previously funded	154,911	152,618 -2,293	-2,293
48 JOINT COMMUNICATIONS SUPPORT ELEMENT	5,381	5,381	0
49 USCENTCOM	18,025	18,025	0
50 USSTRATCOM	4,436	4,436	0
51 USSPACECOM CSOF outfitting ahead of need	27,073	0 -27,073	-27,073
52 TACTICAL C-E EQUIPMENT	226,819	226,819	0
53 RADIO EQUIPMENT Program increase - future pilot training center beddown (ELMR)	30,407	31,607 1,200	1,200
54 BASE COMM INFRASTRUCTURE	113,563	113,563	0
55 COMM ELECT MODS	98,224	98,224	0
56 PERSONAL SAFETY AND RESCUE EQUIPMENT	60,473	60,473	0
57 POWER CONDITIONING EQUIPMENT	9,235	9,235	0
58 MECHANIZED MATERIAL HANDLING EQUIPMENT Storage aid system unjustified unit cost growth Material storage and distribution system unjustified unit cost growth	15,662	12,181 -1,521 -1,960	-3,481
59 BASE PROCURED EQUIPMENT	77,875	77,875	0
60 ENGINEERING AND EOD EQUIPMENT RDS and RIIDS - Air Force requested transfer from OM,AF line 12Q Air Force requested transfer from OM,AF line 11R	280,734	288,968 2,284 5,950	8,234
61 MOBILITY EQUIPMENT Air Force requested transfer from OM,AF line 11R	207,071	232,271 25,200	25,200
62 FUELS SUPPORT EQUIPMENT All terrain berm storage system unit cost growth Fuel storage bladder unjustified unit cost growth	218,790	207,533 -8,018 -3,239	-11,257

P-1	Budget Request	Committee Recommended	Change from Request
63 BASE MAINTENANCE AND SUPPORT EQUIPMENT	51,914	53,597	1,683
Program increase - future pilot training center beddown (F-16 support equipment)		1,683	
65 DARP RC135	28,882	28,882	0
66 DCGS-AF	129,655	129,655	0
70 SPECIAL UPDATE PROGRAM	1,042,833	1,042,833	0
999 CLASSIFIED PROGRAMS	25,456,490	24,697,201	-759,289
Classified adjustment		-759,289	
71 SPARES AND REPAIR PARTS (CYBER)	1,032	1,032	0
72 SPARES AND REPAIR PARTS	12,628	12,628	0
TOTAL, OTHER PROCUREMENT, AIR FORCE	30,417,892	29,819,938	-597,954

PROCUREMENT, SPACE FORCE

The Committee recommends the following appropriations for Procurement, Space Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 AF SATELLITE COMM SYSTEM	64,345	64,345	0
3 COUNTERSPACE SYSTEMS Underexecution	52,665	50,165 -2,500	-2,500
4 FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	25,057	25,057	0
5 FABT FORCE ELEMENT TERMINAL Management services excess to need	121,634	116,534 -5,100	-5,100
7 GENERAL INFORMATION TECH - SPACE	3,451	3,451	0
8 GPSIII FOLLOW ON Underexecution Unjustified request	119,700	59,148 -11,252 -49,300	-60,552
9 GPS III SPACE SEGMENT Unjustified growth - SV03-10 production	121,770	103,670 -18,100	-18,100
10 GLOBAL POSITIONING (SPACE)	893	893	0
11 HERITAGE TRANSITION	6,110	6,110	0
12 JOINT TACTICAL GROUND STATIONS	580	580	0
13 SPACEBORNE EQUIP (COMSEC)	83,168	83,168	0
14 MILSATCOM	44,672	44,672	0
15 SBIR HIGH (SPACE) Underexecution	39,438	34,589 -4,849	-4,849
16 SPECIAL SPACE ACTIVITIES Classified adjustment	840,913	359,913 -481,000	-481,000
17 MOBILE USER OBJECTIVE SYSTEM	101,147	101,147	0
18 NATIONAL SECURITY SPACE LAUNCH	2,142,846	2,142,846	0
20 PTES HUB Underexecution	56,482	50,225 -6,257	-6,257
21 ROCKET SYSTEMS LAUNCH PROGRAM	74,848	74,848	0
22 SPACE DEVELOPMENT AGENCY LAUNCH	529,468	529,468	0

P-1	Budget Request	Committee Recommended	Change from Request
23 SPACE MODS Inadequate justification	166,596	139,861 -26,735	-26,735
24 SPACELIFT RANGE SYSTEM SPACE	114,505	114,505	0
25 SPARES AND REPAIR PARTS	906	906	0
26 POWER CONDITIONING EQUIPMENT	3,100	3,100	0
TOTAL, PROCUREMENT, SPACE FORCE	4,714,294	4,109,201	-605,093

NATIONAL SECURITY SPACE LAUNCH

The Committee directs the Secretary of Defense and the Director of National Intelligence to utilize the Space Force launch enterprise phase 2 contract, until such time as a successor contract is in place, for National Security Space Launch class missions, unless they certify to the congressional defense and intelligence committees that commercial launch or delivery-on-orbit procurement for a designated mission is in the national security interest of the government and outline the rationale for such a determination.

PROCUREMENT, DEFENSE-WIDE

The Committee recommends the following appropriations for Procurement, Defense-Wide:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 MAJOR EQUIPMENT, DPAA	516	516	0
2 MAJOR EQUIPMENT, OSD	286,006	416,006	130,000
Program increase - APFIT		200,000	
Program increase - hearing protection		30,000	
Transfer CsUAS to ROTE, DW line 281 - DIU Fielding		-100,000	
11 INFORMATION SYSTEMS SECURITY	12,275	12,275	0
12 TELEPORT PROGRAM	42,399	32,399	-10,000
SOMSAT insufficient justification		-10,000	
14 ITEMS LESS THAN \$5 MILLION	47,538	47,538	0
15 DEFENSE INFORMATION SYSTEM NETWORK	39,472	44,172	4,700
Program increase - unified video dissemination system for INDOPACOM		4,700	
16 WHITE HOUSE COMMUNICATION AGENCY	118,523	118,523	0
17 SENIOR LEADERSHIP ENTERPRISE	94,591	94,591	0
18 JOINT REGIONAL SECURITY STACKS (JRSS)	22,714	22,714	0
19 JOINT SERVICE PROVIDER	107,637	97,637	-10,000
Program growth insufficient justification		-10,000	
20 FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	33,047	0	-33,047
DODNet service centers late contract awards		-9,584	
Agency migrations late contract awards		-23,463	
28 MAJOR EQUIPMENT	30,355	30,355	0
29 MAJOR EQUIPMENT	2,135	2,135	0
30 MAJOR EQUIPMENT, TJS	3,747	3,747	0
31 THAAD	216,782	216,782	0
33 AEGIS BMD	374,756	374,756	0
35 BMDS AN/TPY-2 RADARS	29,108	29,108	0
36 SM-3 IAS	432,824	432,824	0
37 ARROW 3 UPPER TIER SYSTEMS	80,000	80,000	0

P-1	Budget Request	Committee Recommended	Change from Request
38 SHORT RANGE BALLISTIC MISSILE DEFENSE	40,000	40,000	0
39 DEFENSE OF GUAM PROCUREMENT	169,627	169,627	0
40 AEGIS ASHORE PHASE III	2,390	2,390	0
41 IRON DOME	80,000	80,000	0
42 AEGIS BMD HARDWARE AND SOFTWARE	27,825	27,825	0
43 PERSONNEL ADMINISTRATION	3,704	3,704	0
46 VEHICLES	366	366	0
47 OTHER MAJOR EQUIPMENT	12,787	12,787	0
49 AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,358	1,358	0
48 DTRA CYBER ACTIVITIES	21,413	21,413	0
50 MAJOR EQUIPMENT	13,012	13,012	0
51 CYBERSPACE OPERATIONS	129,082	129,082	0
53 ARMED OVERWATCH/TARGETING	266,846	266,846	0
54 MANNED ISR	7,000	7,000	0
55 MC-12	600	600	0
57 ROTARY WING UPGRADES AND SUSTAINMENT	261,012	271,012	10,000
Underexecution		-5,000	
Program increase - degraded visual environment		15,000	
58 UNMANNED ISR	26,997	26,997	0
59 NON-STANDARD AVIATION	25,782	18,042	-7,740
Unjustified request - theater basing initiatives		-7,740	
60 U-28	7,198	7,198	0
61 MH-47 CHINOOK	149,883	149,883	0
62 CV-22 MODIFICATION	75,981	75,981	0
63 MQ-9 UNMANNED AERIAL VEHICLE	17,684	17,684	0
64 PRECISION STRIKE PACKAGE	108,497	108,497	0
65 AC/MC-130J	319,754	319,754	0

P-1	Budget Request	Committee Recommended	Change from Request
66 C-130 MODIFICATIONS	18,796	18,796	0
67 UNDERWATER SYSTEMS	66,111	73,111	7,000
Program increase - deep submergence collective propulsion		7,000	
68 ORDNANCE ITEMS <\$5M	147,831	147,831	0
69 INTELLIGENCE SYSTEMS	203,400	208,400	5,000
Program increase - family of unmanned ground systems		5,000	
70 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,718	5,718	0
71 OTHER ITEMS <\$5M	108,816	108,816	0
72 COMBATANT CRAFT SYSTEMS	55,064	55,064	0
73 SPECIAL PROGRAMS	20,412	20,412	0
74 TACTICAL VEHICLES	56,561	56,561	0
75 WARRIOR SYSTEMS <\$5M	329,837	363,769	33,932
Program increase - CUAS group 3 defeat acceleration		33,932	
76 COMBAT MISSION REQUIREMENTS	4,987	4,987	0
77 OPERATIONAL ENHANCEMENTS INTELLIGENCE	23,639	23,639	0
78 OPERATIONAL ENHANCEMENTS	322,341	322,341	0
79 CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	159,884	159,884	0
80 CB PROTECTION & HAZARD MITIGATION	231,826	231,826	0
999 CLASSIFIED PROGRAMS	658,529	661,529	3,000
Classified adjustment		3,000	
TOTAL PROCUREMENT, DEFENSE-WIDE	6,156,975	6,289,820	132,845

ACCELERATING THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES

The joint explanatory statement accompanying the Department of Defense Appropriations Act, 2022, included \$100,000,000 for the Agile Procurement Transition Pilot. The purpose of these funds is to transition technologies from pilot programs, prototype projects, and research projects to scale to capability, software, or service acquisitions. These funds are also to be used for the rapid procurement of commercially available technologies that can directly aid the warfighter. In its first year, the program funded ten different emerging technology companies to move from prototype to fielding, accelerating fielding by at least 12 months and in some cases as much as 48 months. In the second year, the program increased total funding by \$50,000,000, with contract sizes doubling for many of the companies in the program to quickly scale capabilities for the warfighter.

The Committee supports continued investment in this fund and notes that the fiscal year 2024 President's budget request included \$100,000,000 for this effort. Therefore, the Committee recommends a total of \$300,000,000, an increase of \$200,000,000 above the President's budget request. Additionally, the Committee directs the Under Secretary of Defense for Research and Engineering to brief the congressional defense committees, not later than 90 days after the enactment of this Act, on the capabilities being tested and the proposed path to scale innovative technologies, including successes and failures to date, as well as the use of all prior year funds.

MUNITIONS STOCK DOMESTIC PRODUCTION OF TITANIUM SPONGE

The Committee remains concerned about the domestic industrial base reliance on foreign suppliers for critical defense materials, including titanium sponge. The Committee encourages the Secretary of Defense to enhance cooperative efforts with the United States titanium industry to explore opportunities for domestic sponge manufacturing through the Defense Production Act, and to identify resources necessary for the upgrade and modernization of idled United States sponge facilities to become commercially viable.

CHINESE PLASTIC

The People's Republic of China (PRC) is one of the largest global suppliers of plastics, which are essential to critical components for national security and defense. The Committee encourages the Secretary of Defense to take meaningful efforts to reduce dependency on plastics from the PRC. It is important to consider a multitude of alternative materials that could be produced and certified domestically. Therefore, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act. The report shall identify the progress the Department has made in utilizing alternatives to Chinese plastics and provide a quantitative and qualitative characterization of domestic national defense dependency on Chinese plastics.

DEFENSE PRODUCTION ACT PURCHASES

The Committee recommends the following appropriations for the Defense Production Act Purchases:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
DEFENSE PRODUCTION ACT PURCHASES	968,605	978,605	— 350,000
Execution risk		— 350,000	
TOTAL, DEFENSE PRODUCTION ACT PURCHASES	968,605	618,605	— 350,000

NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT

Fiscal year 2024 budget request	— — —
Committee recommendation	\$1,000,000,000
Change from budget request	+1,000,000,000

The Committee recommends \$1,000,000,000 for the National Guard and Reserve Equipment Account. Of that amount, \$312,000,000 is for the Army National Guard; \$305,000,000 is for the Air National Guard; \$155,000,000 is for the Army Reserve; \$55,000,000 is for the Navy Reserve; \$18,000,000 is for the Marine Corps Reserve; and \$155,000,000 is for the Air Force Reserve to meet urgent equipment needs in the coming fiscal year. This funding will allow the National Guard and reserve components to procure high priority equipment used by these components for both their military missions and missions in support of State governors. The funding within this account is not to be used to procure equipment designated as high-density critical equipment, major weapon systems, aircraft, and other equipment central to a unit's ability to perform its doctrinal mission. The funding within this account is not to be used to procure equipment purchased by the senior Service, to expand or accelerate current Service procurement plans, to purchase expendable items, or to purchase facilities or equipment for any requirement able to be satisfied elsewhere.

The Committee directs the Secretary of Defense to ensure that the National Guard and Reserve Equipment Account is executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: acoustic hailing devices; crash-worthy, ballistically tolerant auxiliary fuel systems for UH-60 helicopters; degraded visual environment systems; improved thermal acoustic blanket; KC-135 aircraft emergency response refuel equipment kits; KC-135 aircrew ground cooling units; land surveying systems; lightweight, rapidly deployable, computer-based artillery call for fire training and simulation; litter stabilization systems; modular small arms ranges and small arms training simulators and tools; secure enterprise, emergency, and social communication; software defined radios; UH-72A/B mission equipment modernization; and upgraded commercial-off-the-shelf ground mapping for C-130 aircraft.

TITLE IV

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2024 Department of Defense research, development, test and evaluation budget request and the Committee recommendation are summarized in the table below:

RESEARCH, DEVELOPMENT, TEST AND EVALUATION
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

RECAPITULATION			
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	15,775,381	16,758,462	+983,081
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	26,922,225	27,690,777	+768,552
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.	46,565,356	46,479,858	-85,498
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE.....	19,199,340	18,839,144	-360,196
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	36,085,834	36,782,566	+696,732
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	331,489	285,444	-46,045
	=====	=====	=====
GRAND TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	144,879,625	146,836,251	+1,956,626

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110–279). Specifically, the dollar threshold for reprogramming funds shall be \$10,000,000 for procurement and research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogramming actions are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P–1) or research, development, test and evaluation (R–1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

FUNDING INCREASES

The funding increases outlined in these tables shall be provided only for the specific purposes indicated in the tables.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION SPECIAL INTEREST
ITEMS

Items for which additional funds have been recommended or items for which funding is specifically reduced as shown in the project level tables detailing recommended adjustments or in paragraphs using the phrase “only for” or “only to” in this report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed elsewhere in this report.

COMMERCIAL CONTRACTING SOFTWARE

The Department of Defense procurement systems, including contract writing systems, are overly complicated, difficult to use, and do not leverage modern software found in the commercial marketplace which contributes to their inefficiencies. The Services continue to experience cost overruns and schedule delays as they attempt to update their systems. The Committee encourages the Service Secretaries to explore commercial solutions in order to identify efficiencies, improve quality, accelerate delivery times, and lower costs.

AUTONOMOUS MODELING AND SIMULATION

The Committee is keenly aware of the transformative potential of autonomous capabilities across the spectrum of warfare. However, the Committee assesses that the Department of Defense does not clearly characterize the full cost and utility of these systems. The Committee recommendation includes additional funding for the Chief Data and Artificial Intelligence Office to expand its capacity for virtual testing, evaluation, and simulation of autonomous platforms to ensure the development of a joint concept of operations.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

The Committee recommends the following appropriations for Research, Development, Test and Evaluation, Army:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
1 DEFENSE RESEARCH SCIENCES	296,670	324,670	28,000
Program increase - joint research laboratories		18,000	
Program increase - quantum computing center		10,000	
2 UNIVERSITY RESEARCH INITIATIVES	75,672	85,672	10,000
Program increase - cyber autonomy range		3,000	
Program increase - soldier touchpoint center		7,000	
3 UNIVERSITY AND INDUSTRY RESEARCH CENTERS	108,946	113,946	5,000
Program increase - renewable energy technologies		5,000	
4 CYBER COLLABORATIVE RESEARCH ALLIANCE	5,459	5,459	0
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	10,708	10,708	0
5 BASIC RESEARCH			
ARMY AGILE INNOVATION AND DEVELOPMENT-	5,613	5,613	0
6 APPLIED RESEARCH			
8 COUNTER IMPROVISED-THREAT ADVANCED STUDIES	6,242	6,242	0
9 LETHALITY TECHNOLOGY	85,578	120,578	35,000
Program increase - advanced semiconductor power devices		15,000	
Program increase - advanced materials and manufacturing for modernization		5,000	
Program increase - carbon composites for hypersonic weapons		10,000	
Program increase - tactical organic fire support		5,000	
10 ARMY APPLIED RESEARCH	34,572	34,572	0
11 SOLDIER LETHALITY TECHNOLOGY	104,470	157,470	53,000
Program increase - future force requirements experimentation - advanced dynamic spectrum reconnaissance		10,000	
Program increase - HEROES		5,000	
Program increase - material development for personal protection systems		5,000	
Program increase - nanolayered polymer optics		5,000	
Program increase - Pathfinder Air Assault		10,000	
Program increase - Pathfinder Airborne		8,000	
Program increase - Pathfinder multidomain operations ready ranger initiative		10,000	

R-1	Budget Request	Committee Recommended	Change from Request
12 GROUND TECHNOLOGY	60,005	141,005	81,000
Program increase - additive manufacturing for weapons and armaments components		5,000	
Program increase - advanced ceramic technologies		5,000	
Program increase - autonomous digital design		6,000	
Program increase - carbon nanomaterials as functional additives		6,500	
Program increase - coastal hydraulics laboratory project		4,000	
Program increase - environmental quality enhanced coatings		5,000	
Program increase - extreme battery technology		10,000	
Program increase - flexible hybrid electronics		10,000	
Program increase - integrity of transparent armor		5,000	
Program increase - pavement preservation		3,500	
Program increase - rapid advanced deposition		5,000	
Program increase - rapid ultra-lightweight infrastructure manufacturing		6,000	
Program increase - stainless steel applications for defense use		10,000	
13 NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	166,500	217,700	51,200
Program increase - active protection systems		10,000	
Program increase - advanced materials development for survivability		10,000	
Program increase - advanced technologies for autonomous ground vehicles and warfighter survivability		6,000	
Program increase - gunner restraint system		2,200	
Program increase - highly electrified vehicles		5,000	
Program increase - machine learning optimized power electronics		5,000	
Program increase - prototyping energy smart autonomous ground systems		5,000	
Program increase - silicon carbide electronics		8,000	
14 NETWORK C3I TECHNOLOGY	81,618	126,618	45,000
Program increase - advanced packaging technologies for hardware security		10,000	
Program increase - Collaborative for Hierarchical and Agile Responsive Materials		5,000	
Program increase - distributed radio frequency sensor/effector technology		10,000	
Program increase - low-cost counter-drone EW force protection		5,000	
Program increase - PNT for inertial systems		10,000	
Program increase - secure microelectronic interposer technology for hardware assurance		5,000	
15 LONG RANGE PRECISION FIRES TECHNOLOGY	34,683	54,683	20,000
Program increase - design for additive manufacturing for missile applications		5,000	
Program increase - extended range projectiles		5,000	
Program increase - reactive alloy munition with enhanced blast for force modernization		10,000	
16 FUTURE VERTICAL LIFT TECHNOLOGY	73,844	88,844	15,000
Program increase - high density eVTOL power source		10,000	
Program increase - high strength functional composites		5,000	

R-1	Budget Request	Committee Recommended	Change from Request
17	AIR AND MISSILE DEFENSE TECHNOLOGY	70,301	37,000
	Program increase - counter-UAS center of excellence	5,000	
	Program increase - high energy laser range in a box	20,000	
	Program increase - low SWAP-C next generation HEL	7,000	
	Program increase - unmanned aircraft systems testing and research center	5,000	
18	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES	24,142	0
19	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	14,297	0
20	C3I APPLIED RESEARCH	30,659	0
21	AIR PLATFORM APPLIED RESEARCH	53,163	5,000
	Program increase - manufacturing technology for reverse engineering	5,000	
22	SOLDIER APPLIED RESEARCH	18,986	0
23	C3I APPLIED CYBER	22,714	0
24	BIOTECHNOLOGY FOR MATERIALS - APPLIED RESEARCH	16,736	0
25	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	19,969	0
26	MEDICAL TECHNOLOGY	86,266	20,000
	Program increase - human performance optimization	15,000	
	Program increase - nutrition impacts on military health and performance	5,000	
27	MEDICAL ADVANCED TECHNOLOGY	9,147	5,000
	Program increase - prophylactic medical countermeasure for acute radiation syndrome	5,000	
28	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	16,316	0
29	ARMY AGILE INNOVATION AND DEMONSTRATION	23,156	0
30	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES	13,187	0
31	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	33,332	0
32	C3I ADVANCED TECHNOLOGY	19,225	0
33	AIR PLATFORM ADVANCED TECHNOLOGY	14,165	0
34	SOLDIER ADVANCED TECHNOLOGY	1,214	0
36	LETHALITY ADVANCED TECHNOLOGY	55,582	35,000
	Program increase - hypersonic test range infrastructure	35,000	
37	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	136,280	0

R-1	Budget Request	Committee Recommended	Change from Request
38 SOLDIER LETHALITY ADVANCED TECHNOLOGY	102,778	114,778	12,000
Program increase - advanced female body armor		7,000	
Program increase - squad operations advanced resupply		5,000	
39 GROUND ADVANCED TECHNOLOGY	40,597	155,097	114,500
Program increase - additive manufacturing with indigenous materials		5,000	
Program increase - anticipating threats to natural systems		6,000	
Program increase - binder jet additive components		10,000	
Program increase - clean modular hydropower		10,000	
Program increase - cross laminated timber		5,500	
Program increase - developing engineering practices for ecosystem design solutions		8,000	
Program increase - electrochemical conversion of waste streams for on-site fuel generation		5,000	
Program increase - geoengineering material solutions		10,000	
Program increase - high power fast charging for fleet modernization		5,000	
Program increase - methane capture and conversion		5,000	
Program increase - microgrid reliability and resiliency		10,000	
Program increase - novel materials for smart infrastructure systems		6,000	
Program increase - ruggedized deployable solar generator		5,000	
Program increase - secure management of energy generation and storage		6,000	
Program increase - self contained power for towers and sensors		5,000	
Program increase - ultra-high strength steel construction material		8,000	
Program increase - water reuse consortium		5,000	
40 COUNTER IMPROVISED-THREAT SIMULATION	21,672	21,672	0
BIOTECHNOLOGY FOR MATERIALS - ADVANCED	59,871	59,871	0
41 RESEARCH			
42 C3I CYBER ADVANCED DEVELOPMENT	28,847	48,847	20,000
Program increase - high bandwidth cryptomodule		20,000	
HIGH PERFORMANCE COMPUTING MODERNIZATION	255,772	255,772	0
43 PROGRAM			
NEXT GENERATION COMBAT VEHICLE ADVANCED	217,394	295,863	78,469
44 TECHNOLOGY			
Program decrease		-14,531	
Program increase - additive manufacturing of critical components		5,000	
Program increase - advanced adhesives		5,000	
Program increase - advanced manufacturing center of excellence		7,500	
Program increase - casting to additive manufacturing		6,000	
Program increase - chrome elimination and lethality for medium caliber ground weapons systems barrels		3,000	
Program increase - composite components for medium caliber armament systems		5,000	
Program increase - C-UAS for 5G-enabled drones		5,000	
Program increase - digital twin		7,000	
Program increase - highly engineered rotating components		5,000	
Program increase - maneuverable lightweight electric weight reducer		7,500	
Program increase - multi-national contested logistics system		5,000	
Program increase - off-road maneuver		7,000	
Program increase - operational energy platform testing		10,000	
Program increase - synthetic graphite battery technology		10,000	
Program increase - titanium armor and joining techniques		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
45	NETWORK C3I ADVANCED TECHNOLOGY	105,549	126,549	21,000
	Program increase - C3ISR next generation flexible digital antenna		21,000	
	LONG RANGE PRECISION FIRES ADVANCED	153,024	188,024	35,000
46	TECHNOLOGY			
	Program increase - advanced caliber munitions demonstration		10,000	
	Program increase - joined tandem wing steerable munition		5,000	
	Program increase - XM1155 glide flight projectile		20,000	
47	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	158,795	206,045	47,250
	Program increase - additive manufacturing for maintenance, repair, and overhaul operations		10,000	
	Program increase - autonomous configuration management and aviation records		2,000	
	Program increase - data refinement and optimization for aviation sustainment		4,500	
	Program increase - FLEETSPACE helicopter maintenance management tool		4,750	
	Program increase - surface tolerant adhesives		6,000	
	Program increase - VTOL rotor blade efficiency enhancements		20,000	
48	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	21,015	51,015	30,000
	Program increase - advanced multilayered mobile force protection		20,000	
	Program increase - laser power and thermal heat dissipation		10,000	
49	HUMANITARIAN DEMINING	9,068	23,000	13,932
	Program increase		13,932	
51	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	12,904	43,904	31,000
	Program increase - AI decision aids for all domain operations		5,000	
	Program increase - capability for advanced protective technologies assessment and integration		11,000	
	Program increase - integrated environmental control and power development		10,000	
	Program increase - testing of gun launched interceptors		5,000	
52	ARMY SPACE SYSTEMS INTEGRATION	19,120	24,120	5,000
	Program increase - AI anomalous cyber intrusion defender		5,000	
53	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	0	13,000	13,000
	Program increase - machine learning for Army integrated fires		10,000	
	Program increase - software memory protection methods		3,000	
54	LANDMINE WARFARE AND BARRIER - ADV DEV	47,537	47,537	0
55	TANK AND MEDIUM CALIBER AMMUNITION	91,323	104,323	13,000
	Carryover		-2,000	
	Program increase - 30mm proximity ammunition qualification for AH-64		15,000	
56	ARMORED SYSTEM MODERNIZATION - ADV DEV	43,026	56,026	13,000
	Program increase - advanced combat engine		13,000	
57	SOLDIER SUPPORT AND SURVIVABILITY	3,550	3,550	0

R-1	Budget Request	Committee Recommended	Change from Request
58 TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV	65,567	65,567	0
59 NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	73,675	117,812	44,137
IVAS transfer from OP, A line 70		39,137	
Program increase - wafer-scale image intensifier technology		5,000	
60 ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL	31,720	34,220	2,500
Carryover		-2,500	
Program increase - underwater cut and capture		5,000	
61 NATO RESEARCH AND DEVELOPMENT	4,143	4,143	0
62 AVIATION - ADV DEV	1,502,160	1,493,804	-8,356
FARA ahead of need		-13,356	
Program increase - all-electric flight control system		5,000	
63 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	7,604	17,604	10,000
Program increase - Army executive agent program		10,000	
64 MEDICAL SYSTEMS - ADV DEV	1,602	1,602	0
65 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	27,681	32,681	5,000
Program increase - rifle integrated controller		5,000	
66 ROBOTICS DEVELOPMENT	3,024	3,024	0
67 EXPANDED MISSION AREA MISSILE (EMAM)	97,018	112,394	15,376
IFPC-HEL ahead of need		-24,624	
Program increase - IFPC-HPM		40,000	
68 CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING	117,557	117,557	0
69 LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	38,851	38,851	0
70 MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	191,394	191,394	0
71 TACTICAL INTEL TARGETING ACCESS NODE (TITAN)	10,626	10,626	0
72 ANALYSIS OF ALTERNATIVES	11,095	11,095	0
73 SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	5,144	5,144	0
74 ELECTRONIC WARFARE PLANNING AND MANAGEMENT TOOL (EWPMT)	2,260	2,260	0
75 FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	53,143	63,143	10,000
Program increase - resilient battlefield communication		10,000	
76 LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	816,663	816,663	0
77 TECHNOLOGY MATURATION INITIATIVES	281,314	281,314	0

R-1	Budget Request	Committee Recommended	Change from Request
78 MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD)	281,239	281,239	0
79 ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	204,914	204,914	0
80 ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	40,930	40,930	0
81 SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING	109,714	109,714	0
82 COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	16,426	16,426	0
83 STRATEGIC MID-RANGE FIRES	31,559	31,559	0
84 HYPERSONICS	43,435	43,435	0
85 FUTURE INTERCEPTOR	8,040	8,040	0
86 COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT	64,242	64,242	0
87 UNIFIED NETWORK TRANSPORT	40,915	40,915	0
91 AIRCRAFT AVIONICS	13,673	13,673	0
92 ELECTRONIC WARFARE DEVELOPMENT	12,789	12,789	0
93 INFANTRY SUPPORT WEAPONS	64,076	82,576	18,500
Program increase - cannon life extension program		1,500	
Program increase - cannon life extension program reduction of hexavalent chromium		3,000	
Program increase - crew served weapons fire control sensor development		6,000	
Program increase - CROWS-AHD		5,000	
Program increase - secure-mode personnel recovery device		3,000	
94 MEDIUM TACTICAL VEHICLES	28,226	0	-28,226
Program decrease		-28,226	
95 JAVELIN	7,827	7,827	0
96 FAMILY OF HEAVY TACTICAL VEHICLES	44,197	44,197	0
97 AIR TRAFFIC CONTROL	1,134	11,134	10,000
Program increase - integrated mission planning and airspace control tools		10,000	
98 TACTICAL UNMANNED GROUND VEHICLE (TUGV)	142,125	142,125	0
99 LIGHT TACTICAL WHEELED VEHICLES	53,564	3,203	-50,361
Program decrease		-50,361	
100 ARMORED SYSTEMS MODERNIZATION (ASM) - ENG	102,201	102,201	0

R-1	Budget Request	Committee Recommended	Change from Request
101 NIGHT VISION SYSTEMS - ENG DEV JETS II delays	48,720	39,301 -9,419	-9,419
102 COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,223	2,223	0
103 NON-SYSTEM TRAINING DEVICES - ENG DEV	21,441	21,441	0
AIR DEFENSE COMMAND, CONTROL AND 104 INTELLIGENCE - ENG DEV Program increase - software integration digital ecosystem	74,738	84,738 10,000	10,000
105 CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	30,985	30,985	0
106 AUTOMATIC TEST EQUIPMENT DEVELOPMENT	13,626	13,626	0
DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG 107 DEV	8,802	8,802	0
108 BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	20,828	20,828	0
109 WEAPONS AND MUNITIONS - ENG DEV Program increase - lightweight ammunition manufacturing resilience Program increase - low drag artillery guidance kit Program increase - LR-PGK acceleration	243,851	263,851 5,000 5,000 10,000	20,000
110 LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV Program increase - mobile ULCANS	37,420	42,420 5,000	5,000
COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - 111 ENG DEV Program increase - mounted mission command-transport	34,214	49,214 15,000	15,000
MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT - ENG DEV 112	6,496	6,496	0
113 LANDMINE WARFARE/BARRIER - ENG DEV Program increase - prototype integration	13,581	33,581 20,000	20,000
ARMY TACTICAL COMMAND & CONTROL HARDWARE & 114 SOFTWARE	168,574	168,574	0
115 RADAR DEVELOPMENT Carryover	94,944	81,332 -13,612	-13,612
GENERAL FUND ENTERPRISE BUSINESS SYSTEM 116 (GFEBS)	2,965	2,965	0
117 SOLDIER SYSTEMS - WARRIOR DEM/VAL	11,333	11,333	0
SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS - 118 EMD Carryover	79,250	74,250 -5,000	-5,000
119 ARTILLERY SYSTEMS - EMD	42,490	42,490	0
120 INFORMATION TECHNOLOGY DEVELOPMENT	104,024	104,024	0

R-1	Budget Request	Committee Recommended	Change from Request
121 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (PPS-A)	102,084	102,084	0
123 JOINT TACTICAL NETWORK CENTER (JTNC)	18,662	18,662	0
124 JOINT TACTICAL NETWORK (JTN)	30,328	30,328	0
125 COMMON INFRARED COUNTERMEASURES (CIRCM)	11,509	11,509	0
126 COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	1,050	1,050	0
128 DEFENSIVE CYBER TOOL DEVELOPMENT	27,714	27,714	0
129 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	4,318	4,318	0
130 CONTRACT WRITING SYSTEM	16,355	16,355	0
131 MISSILE WARNING SYSTEM MODERNIZATION (MWSM) Excess PM request	27,571	20,247 -7,324	-7,324
132 AIRCRAFT SURVIVABILITY DEVELOPMENT	24,900	24,900	0
133 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1	196,248	196,248	0
134 GROUND ROBOTICS Program increase - common robotic controller	35,319	45,319 10,000	10,000
135 EMERGING TECHNOLOGY INITIATIVES Program decrease Program increase - C-UAS and C-CM high energy laser atmospheric study and prototype systems Program increase - visualization and intelligence planning for enhanced readiness	201,274	88,874 -124,600 5,000 7,200	-112,400
137 NEXT GENERATION LOAD DEVICE - MEDIUM	36,970	36,970	0
139 TACTICAL INTEL TARGETING ACCESS NODE (TITAN)	132,136	132,136	0
140 ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	81,657	81,657	0
141 SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5) LRR insufficient justification	31,284	24,769 -6,515	-6,515
142 CI AND HUMINT EQUIPMENT PROGRAM-ARMY	2,170	2,170	0
143 JOINT TARGETING INTEGRATED COMMAND AND COORDINATION SUITE (JTIC2S)	9,290	9,290	0
144 MULTI-DOMAIN INTELLIGENCE	41,003	41,003	0
146 PRECISION STRIKE MISSILE (PRSM)	272,786	272,786	0

R-1	Budget Request	Committee Recommended	Change from Request
147 HYPersonics EMD	900,920	905,020	4,100
AUR+C ahead of need		-13,364	
Carryover		-12,536	
Program increase - common hypersonic glide body		30,000	
148 ACCESSIONS INFORMATION ENVIRONMENT (AIE)	27,361	27,361	0
149 STRATEGIC MID-RANGE CAPABILITY	348,855	336,355	-12,500
Carryover		-12,500	
150 INTEGRATED TACTICAL COMMUNICATIONS	22,901	22,901	0
151 JOINT AIR-TO-GROUND MISSILE (JAGM)	3,014	3,014	0
ARMY INTEGRATED AIR AND MISSILE DEFENSE	284,095	296,095	12,000
152 (AIAMD)			
Program increase - intelligent multi-platform swarm defeat		12,000	
COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS	36,016	36,016	0
153 SYS DEV & DEMONSTRATION			
154 MANNED GROUND VEHICLE	996,653	996,653	0
155 NATIONAL CAPABILITIES INTEGRATION (MIP)	15,129	15,129	0
JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING	27,243	0	-27,243
156 AND MANUFACTURING DEVELOPMENT			
Program decrease		-27,243	
157 AVIATION GROUND SUPPORT EQUIPMENT	1,167	1,167	0
158 TROJAN - RH12	3,879	3,879	0
159 ELECTRONIC WARFARE DEVELOPMENT	137,186	137,186	0
160 THREAT SIMULATOR DEVELOPMENT	38,492	60,992	22,500
Program increase - CSOC extended regional cyber spoke		12,500	
Program increase - threat counter-artificial intelligence		10,000	
161 TARGET SYSTEMS DEVELOPMENT	11,873	26,873	15,000
Program increase - replacement of foreign engines for aerial targets		5,000	
Program increase - UAS 5G, AI, and cyber detection and mitigation		10,000	
162 MAJOR T&E INVESTMENT	76,167	92,967	16,800
Program increase - advancing operational test infrastructure		16,800	
163 RAND ARROYO CENTER	37,078	37,078	0
164 ARMY KWAJALEIN ATOLL	314,872	314,872	0
165 CONCEPTS EXPERIMENTATION PROGRAM	95,551	95,551	0
167 ARMY TEST RANGES AND FACILITIES	439,118	447,118	8,000
Program increase - WDTCC		8,000	

R-1	Budget Request	Committee Recommended	Change from Request
ARMY TECHNICAL TEST INSTRUMENTATION AND	42,220	47,220	5,000
168 TARGETS			
Program increase - rapid assurance modernization program - test		5,000	
169 SURVIVABILITY/LETHALITY ANALYSIS	37,518	37,518	0
170 AIRCRAFT CERTIFICATION	2,718	2,718	0
172 MATERIEL SYSTEMS ANALYSIS	26,902	26,902	0
173 EXPLOITATION OF FOREIGN ITEMS	7,805	7,805	0
174 SUPPORT OF OPERATIONAL TESTING	75,133	75,133	0
175 ARMY EVALUATION CENTER	71,118	71,118	0
ARMY MODELING & SIM X-CMD COLLABORATION &	11,204	11,204	0
176 INTEGRATION			
177 PROGRAMWIDE ACTIVITIES	93,895	93,895	0
178 TECHNICAL INFORMATION ACTIVITIES	31,327	31,327	0
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND	50,409	50,409	0
179 SAFETY			
ENVIRONMENTAL QUALITY TECHNOLOGY MGMT	1,629	1,629	0
180 SUPPORT			
181 ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA	55,843	55,843	0
RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST	91,340	91,340	0
182 SITE			
183 COUNTERINTEL AND HUMAN INTEL MODERNIZATION	6,348	6,348	0
ASSESSMENTS AND EVALUATIONS CYBER	6,025	6,025	0
185 VULNERABILITIES			
187 MLRS PRODUCT IMPROVEMENT PROGRAM	14,465	14,465	0
188 ANTI-TAMPER TECHNOLOGY SUPPORT	7,472	7,472	0
WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT	8,425	32,525	24,100
189 PROGRAMS			
Program increase - digital engineering for tungsten carbide ammunition		5,100	
Program increase - printed electronics		9,000	
Program increase - stibnite and antimony for ammunition production		10,000	
190 BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	1,507	33,514	32,007
Program increase - Block II development		21,500	
Program increase - UH-60 BlackHawk main rotor blade modernization		10,507	
191 CHINOOK PRODUCT IMPROVEMENT PROGRAM	9,265	14,265	5,000
Program increase - reliability, availability, and maintainability improvements		5,000	

R-1	Budget Request	Committee Recommended	Change from Request
192 IMPROVED TURBINE ENGINE PROGRAM Program delays	201,247	176,965 -24,282	-24,282
193 AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT	3,014	3,014	0
194 UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	25,393	25,393	0
195 APACHE FUTURE DEVELOPMENT Program increase - strap-down pilotage Apache	10,547	15,547 5,000	5,000
196 AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM	54,167	54,167	0
197 INTEL CYBER DEVELOPMENT	4,345	4,345	0
198 ARMY OPERATIONAL SYSTEMS DEVELOPMENT	19,000	19,000	0
199 ELECTRONIC WARFARE DEVELOPMENT	6,389	6,389	0
200 ENDURING TURBINE ENGINES AND POWER SYSTEMS Program decrease	2,411	0 -2,411	-2,411
201 FAMILY OF BIOMETRICS	797	797	0
202 PATRIOT PRODUCT IMPROVEMENT	177,197	177,197	0
203 JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs) AFATDS carryover	42,177	38,957 -3,220	-3,220
204 COMBAT VEHICLE IMPROVEMENT PROGRAMS Stryker carryover Program increase - Abrams modernization Program increase - driver vision enhancement with sensor fusion technology	146,635	239,490 -10,445 88,300 15,000	92,855
205 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS Program delays	122,902	94,877 -28,025	-28,025
207 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	146	146	0
208 DIGITIZATION	1,515	1,515	0
209 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	4,520	4,520	0
210 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	10,044	10,044	0
211 ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM DEV	281	281	0
212 GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	75,952	75,952	0

R-1	Budget Request	Committee Recommended	Change from Request
213 JOINT TACTICAL GROUND SYSTEM	203	203	0
216 SECURITY AND INTELLIGENCE ACTIVITIES	301	301	0
217 INFORMATION SYSTEMS SECURITY PROGRAM	15,323	15,323	0
218 GLOBAL COMBAT SUPPORT SYSTEM	13,082	13,082	0
219 SATCOM GROUND ENVIRONMENT (SPACE)	26,838	26,838	0
222 INTEGRATED BROADCAST SERVICE (IBS)	9,456	9,456	0
224 AIRBORNE RECONNAISSANCE SYSTEMS Program increase - imaging cold environments using multispectral airborne networks	0	5,000 5,000	5,000
225 MQ-1C GRAY EAGLE UAS	6,629	6,629	0
227 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES Program increase - 3D printing of ballistic ceramics Program increase - advanced pressing applications for optimization of hard armor	75,317	98,317 13,000 10,000	23,000
228 DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT	83,570	83,570	0
999 CLASSIFIED PROGRAMS	8,786	8,786	0
999 CLASSIFIED PROGRAMS	19,200	19,200	0
CIVILIAN FTE ADJUSTMENT		-36,251	-36,251
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	15,775,381	16,758,462	983,081

CYBERSPACE ELECTRO-MAGNETIC ACTIVITIES

Cyberspace Electro-Magnetic Activities (CEMA) exploit electronic warfare, cyber, and security capabilities to deliver information advantages in multi-domain operations. CEMA superiority will be critical in the next significant modern conflict. The Army appropriately invests in specialized CEMA research through several independent, program-associated lines of effort. However, the Army lacks a robust, centralized research line for advanced deep CEMA research for application broadly across Army platforms. As the Army pursues high priority modernization programs for integration through the Integrated Air and Missile Defense Battle Command System and Joint All-Domain Command and Control, dedicated CEMA research and development is critical. The Committee directs the Secretary of the Army to establish an additional research and development program element line in the fiscal year 2025 President's budget request focused on broadly applicable advanced CEMA research. This line is not intended to consolidate or eliminate existing CEMA research, but rather to be additive and integrative in nature, unless the Secretary believes such consolidation becomes constructive. The Committee also directs the Secretary of the Army to brief the House and Senate Appropriations Committees on the Army's plans and progress not later than 90 days after the enactment of this Act.

CROWS-AHD

The Committee commends the Army for the successful implementation of the Acoustic Hailing Device (AHD) program which has provided military police and transportation security units with the ability to de-escalate dangerous situations, reduce both combatant and non-combatant casualties, and improve overall combat effectiveness across the full spectrum of conflict. Incorporating AHDs into existing Common Remotely Operated Weapon Stations (CROWS) is a logical extension of the current program and the Committee is encouraged by the progress that the Army has made in this effort. The Committee directs the Secretary of the Army to provide a briefing to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, on the CROWS-AHD program with a focus on the acceleration of prototyping, testing, and fielding of this capability.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

The Committee recommends the following appropriations for Research, Development, Test and Evaluation, Navy:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	UNIVERSITY RESEARCH INITIATIVES	96,355	96,355	0
2	DEFENSE RESEARCH SCIENCES	540,908	560,908	20,000
	Program increase - silicon-germanium-tin alloy research		5,000	
	Program increase - defense university research instrumentation program		10,000	
	Program increase - hypersonics workforce development		5,000	
3	POWER PROJECTION APPLIED RESEARCH	23,982	23,982	0
4	FORCE PROTECTION APPLIED RESEARCH	142,148	189,998	47,850
	Program increase - seawater to jet fuel demo		10,000	
	Program increase - relative positioning of autonomous platforms		6,250	
	Program increase - underwater electromagnetic theory and ocean hydrodynamics		5,600	
	Program increase - direct air capture and blue carbon removal technology		10,000	
	Program increase - resilient autonomous systems research and diversity programs		9,500	
	Program increase - talent and technology for Navy power and energy systems		6,500	
5	MARINE CORPS LANDING FORCE TECHNOLOGY	59,208	68,708	9,500
	Program increase - unmanned logistics solutions		9,500	
6	COMMON PICTURE APPLIED RESEARCH	52,090	52,090	0
7	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	74,722	127,222	52,500
	Program increase - hypersonic rocket skin		25,000	
	Program increase - rapid applied materials processing lab development		6,000	
	Program increase - human performance and injury rehabilitation assessment tool		4,000	
	Program increase - high mobility ground robots		5,000	
	Program increase - human performance and injury rehabilitation tool		4,000	
	Program increase - high performance pigment and dispersion materials to improve battery cathode efficiency		8,500	
8	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	92,473	95,473	3,000
	Program increase - advanced antenna technology		3,000	
9	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	80,806	113,156	32,350
	Program increase - enhanced weather prediction and atmospheric rivers research		5,000	
	Program increase - task force ocean		5,000	
	Program increase - pushbroom imaging next generation system		9,850	
	Program increase - arctic geospatial monitoring		7,500	
	Program increase - intelligent autonomous systems for seabed warfare		5,000	
10	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	7,419	7,419	0
11	UNDERSEA WARFARE APPLIED RESEARCH	61,503	66,503	5,000
	Program increase - persistent maritime surveillance		5,000	
12	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	182,662	182,662	0
13	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	30,435	30,435	0
14	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	133,828	133,828	0
15	SCIENCE AND TECHNOLOGY MANAGEMENT - ONR FIELD ACTIVITIES	85,063	85,063	0

R-1		Budget Request	Committee Recommended	Change from Request
16	FORCE PROTECTION ADVANCED TECHNOLOGY	29,512	64,512	35,000
	Program increase - modular missile system technology		25,000	
	Program increase - power electronics building block		10,000	
17	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,418	8,418	0
18	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS	112,329	112,329	0
19	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	308,217	449,017	140,800
	Program increase - multi-spectral camouflage expeditionary large targets and structures		5,000	
	Program increase - low-cost attritable aircraft technology		32,500	
	Program increase - AI/ML for automated EW sensors		20,000	
	Program increase - MCWVL ground-based ESM		20,000	
	Program increase - hybrid-electric engine development		9,800	
	Program increase - common sensor platform for strategic and distributed autonomous cyber-EW		10,000	
	Program increase - extended range high speed aerial loitering munitions		21,000	
	Program increase - MCWVL multi-int targeting pod		12,500	
	Program increase - long range maneuvering projectile		10,000	
20	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	15,556	15,556	0
21	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT	264,700	274,700	10,000
	Program increase - advanced energetics research and development		10,000	
22	MANUFACTURING TECHNOLOGY PROGRAM	61,843	61,843	0
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	5,100	32,100	27,000
	Program increase - laser protective eyewear research		10,000	
	Program increase - omniblaster water sensor technology		7,000	
	Program increase - bone marrow registry program		5,000	
	Program increase - warfighter resilience and readiness		5,000	
24	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	75,898	90,898	15,000
	Program increase - naval tech bridges		15,000	
25	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	2,048	2,048	0
26	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT	132,931	147,931	15,000
	Program increase - advanced missile seeker		15,000	
27	UNMANNED AERIAL SYSTEM	108,225	112,013	3,788
	ILS support previously funded		-3,172	
	Management services previously funded		-3,040	
	Program increase - autonomous maritime patrol aircraft		10,000	
28	LARGE UNMANNED SURFACE VEHICLES (LUSV)	117,400	113,080	-4,320
	Prior year underexecution		-4,320	
29	AIR/OCEAN TACTICAL APPLICATIONS	40,653	40,653	0
30	AVIATION SURVIVABILITY	20,874	20,874	0

R-1	Budget Request	Committee Recommended	Change from Request
31 NAVAL CONSTRUCTION FORCES	7,821	7,821	0
32 ASW SYSTEMS DEVELOPMENT	17,090	17,090	0
33 TACTICAL AIRBORNE RECONNAISSANCE	3,721	3,721	0
34 ADVANCED COMBAT SYSTEMS TECHNOLOGY	6,216	18,216	12,000
Program increase - minotaur data dissemination and interoperability services		12,000	
35 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	34,690	32,740	-1,950
Prior year underexecution		-1,950	
36 SURFACE SHIP TORPEDO DEFENSE	730	730	0
37 CARRIER SYSTEMS DEVELOPMENT	6,095	6,095	0
38 PILOT FISH	916,208	916,208	0
39 RETRACT LARCH	7,545	7,545	0
40 RETRACT JUNIPER	271,109	271,109	0
41 RADIOLOGICAL CONTROL	811	811	0
42 SURFACE ASW	1,189	1,189	0
43 ADVANCED SUBMARINE SYSTEM DEVELOPMENT	88,415	88,415	0
44 SUBMARINE TACTICAL WARFARE SYSTEMS	15,119	15,119	0
45 SHIP CONCEPT ADVANCED DESIGN	89,939	99,539	9,600
Program increase - critical protection technology for cybersecurity engineering		9,600	
46 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	121,402	109,250	-12,152
Project 0411 DDG(X) contract design delay		-12,152	
47 ADVANCED NUCLEAR POWER SYSTEMS	319,656	319,656	0
48 ADVANCED SURFACE MACHINERY SYSTEMS	133,911	155,711	21,800
Program increase - silicon carbide flexible bus node		11,800	
Program increase - tactical energy management controller		5,000	
Program increase - high temperature superconducting main propulsion electric motor technology		5,000	
49 CHALK EAGLE	116,078	116,078	0
50 LITTORAL COMBAT SHIP (LCS)	32,615	21,339	-11,276
Prior year underexecution		-11,276	
51 COMBAT SYSTEM INTEGRATION	18,610	18,610	0
52 OHIO REPLACEMENT	257,076	257,076	0
53 LCS MISSION MODULES	31,464	31,464	0

R-1		Budget Request	Committee Recommended	Change from Request
54	AUTOMATED TEST AND RE-TEST (ATRT)	10,809	130,809	120,000
	Program increase - ATRT enterprise for NAVSEA		40,000	
	Program increase - ATRT enterprise for NAVWAR		40,000	
	Program increase - ATRT enterprise for NAVAIR		40,000	
55	FRIGATE DEVELOPMENT	112,972	110,172	-2,800
	Live fire test and evaluation early to need		-2,800	
56	CONVENTIONAL MUNITIONS	9,030	9,030	0
57	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	128,782	119,189	-9,593
	Support costs unjustified growth		-3,368	
	Prior year underexecution		-6,225	
58	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	44,766	44,766	0
59	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	10,751	10,751	0
60	ENVIRONMENTAL PROTECTION	24,457	24,457	0
61	NAVY ENERGY PROGRAM	72,214	72,214	0
62	FACILITIES IMPROVEMENT	10,149	10,149	0
63	CHALK CORAL	687,841	687,841	0
64	NAVY LOGISTIC PRODUCTIVITY	4,712	4,712	0
65	RETRACT MAPLE	420,455	420,455	0
66	LINK PLUMERIA	2,100,474	2,100,474	0
67	RETRACT ELM	88,036	88,036	0
68	LINK EVERGREEN	547,005	547,005	0
69	NATO RESEARCH AND DEVELOPMENT	6,265	6,265	0
70	LAND ATTACK TECHNOLOGY	1,624	1,624	0
71	JOINT NON-LETHAL WEAPONS TESTING	31,058	31,058	0
72	JOINT PRECISION APPROACH AND LANDING SYSTEMS - DEM/VAL	22,590	22,590	0
73	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	52,129	52,129	0
74	F/A-18 INFRARED SEARCH AND TRACK (IRST)	32,127	32,127	0
75	DIGITAL WARFARE OFFICE	181,001	181,001	0
76	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	110,506	86,522	-23,984
	Medusa unexecutable contract award date		-23,984	
77	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	71,156	75,156	4,000
	Program increase - tactical data links and networks		4,000	

R-1	Budget Request	Committee Recommended	Change from Request
78 RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION Program increase - commercially available large diameter unmanned undersea vehicle technology	214,100	249,100 35,000	35,000
79 LARGE UNMANNED UNDERSEA VEHICLES	6,900	6,900	0
80 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78 - 80)	118,182	118,182	0
81 LITTORAL AIRBORNE MCM	0	0	0
82 SURFACE MINE COUNTERMEASURES	16,127	16,127	0
83 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM)	34,684	34,684	0
84 NEXT GENERATION LOGISTICS	5,991	5,991	0
85 FUTURE VERTICAL LIFT (MARITIME STRIKE)	2,100	2,100	0
86 RAPID TECHNOLOGY CAPABILITY PROTOTYPE	131,763	131,763	0
87 LX (R)	21,319	21,319	0
88 ADVANCED UNDERSEA PROTOTYPING Program delays	104,328	82,603 -21,725	-21,725
89 COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	11,567	11,567	0
90 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	5,976	5,976	0
91 SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT	9,993	9,993	0
92 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	237,655	237,655	0
93 MEDIUM UNMANNED SURFACE VEHICLES (MUSVS) Program delays	85,800	74,248 -11,552	-11,552
94 UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES Prior year underexecution	176,261	171,980 -4,281	-4,281
95 GROUND BASED ANTI-SHIP MISSILE	36,383	36,383	0
96 LONG RANGE FIRES	36,763	36,763	0
97 CONVENTIONAL PROMPT STRIKE (CPS)	901,064	901,064	0
98 ASW SYSTEMS DEVELOPMENT - MIP	10,167	10,167	0
99 ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	539	539	0
100 ELECTRONIC WARFARE DEVELOPMENT - MIP	1,250	1,250	0
101 TRAINING SYSTEM AIRCRAFT	44,120	44,120	0

R-1	Budget Request	Committee Recommended	Change from Request
102 MARITIME TARGETING CELL	30,922	30,922	0
103 OTHER HELO DEVELOPMENT Project 3406 insufficient justification	101,209	83,614 -17,595	-17,595
104 OTHER HELO DEVELOPMENT	2,604	2,604	0
105 AV-8B AIRCRAFT - ENG DEV	8,263	8,263	0
106 STANDARDS DEVELOPMENT	4,039	4,039	0
107 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT Program increase: MH-60 capability upgrades	62,350	72,350 10,000	10,000
108 P-3 MODERNIZATION PROGRAM	771	771	0
109 WARFARE SUPPORT SYSTEM Program increase - sea-based UAS logistics demonstration	109,485	124,485 15,000	15,000
110 COMMAND AND CONTROL SYSTEMS	87,457	87,457	0
111 ADVANCED HAWKEYE	399,919	399,919	0
112 H-1 UPGRADES	29,766	29,766	0
113 ACOUSTIC SEARCH SENSORS Program increase - sonobuoy modernization for high altitude anti-submarine warfare	51,531	62,031 10,500	10,500
114 V-22A Program increase - thermoplastics ice protection demonstration	137,597	147,597 10,000	10,000
115 AIR CREW SYSTEMS DEVELOPMENT	42,155	42,155	0
116 EA-18	172,507	172,507	0
117 ELECTRONIC WARFARE DEVELOPMENT Prior year underexecution	171,384	168,350 -3,034	-3,034
118 EXECUTIVE HELO DEVELOPMENT	35,376	35,376	0
119 NEXT GENERATION JAMMER (NGJ)	40,477	40,477	0
120 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) Program increase - advanced tactical data link Program increase - open modular navy multiband terminal	451,397	464,397 5,000 8,000	13,000
121 NEXT GENERATION JAMMER (NGJ) INCREMENT II Test and evaluation excess to need	250,577	244,477 -6,100	-6,100
122 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING Software SW factory insufficient justification Aegis capability package 2024 delays	453,311	438,061 -9,750 -5,500	-15,250
124 SMALL DIAMETER BOMB (SDB)	52,211	52,211	0

R-1	Budget Request	Committee Recommended	Change from Request
125 STANDARD MISSILE IMPROVEMENTS	418,187	401,411	-16,776
Prior year underexecution		-29,376	
Navy requested realignment from WP,N line 7		12,600	
126 AIRBORNE MCM	11,368	11,368	0
127 NAVAL INTEGRATED FIRE CONTROL - COUNTER AIR SYSTEMS ENGINEERING	66,445	66,445	0
129 ADVANCED ABOVE WATER SENSORS	115,396	115,396	0
130 SSN-688 AND TRIDENT MODERNIZATION	93,435	93,435	0
131 AIR CONTROL	42,656	42,656	0
132 SHIPBOARD AVIATION SYSTEMS	10,442	10,442	0
133 COMBAT INFORMATION CENTER CONVERSION	11,359	11,359	0
134 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	90,307	90,307	0
135 ADVANCED ARRESTING GEAR (AAG)	10,658	10,658	0
136 NEW DESIGN SSN	234,356	234,356	0
137 SUBMARINE TACTICAL WARFARE SYSTEM	71,516	71,516	0
138 SHIP CONTRACT DESIGN/ LIVE FIRE T&E	22,462	22,462	0
139 NAVY TACTICAL COMPUTER RESOURCES	4,279	4,279	0
140 MINE DEVELOPMENT	104,731	104,731	0
141 LIGHTWEIGHT TORPEDO DEVELOPMENT	229,668	221,168	-8,500
Project 3418 testing ahead of need		-8,500	
142 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	9,064	9,064	0
143 USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV	62,329	34,337	-27,992
OPF-M program delays		-27,992	
144 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	9,319	9,319	0
145 JOINT STANDOFF WEAPON SYSTEMS	1,964	1,964	0
146 SHIP SELF DEFENSE (DETECT & CONTROL)	158,426	158,426	0
147 SHIP SELF DEFENSE (ENGAGE: HARD KILL)	47,492	47,492	0
148 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	125,206	125,206	0
149 INTELLIGENCE ENGINEERING	19,969	19,969	0
150 MEDICAL DEVELOPMENT	6,061	18,061	12,000
Program increase - military dental research		12,000	

R-1	Budget Request	Committee Recommended	Change from Request
151 NAVIGATION/ID SYSTEM	45,262	53,262	8,000
Program increase - encrypted IFF for mode 5 deconfliction		8,000	
154 SSN(X)	361,582	279,232	-82,350
Program 2368 unjustified growth		-82,350	
155 INFORMATION TECHNOLOGY DEVELOPMENT	22,663	22,663	0
156 INFORMATION TECHNOLOGY DEVELOPMENT	282,138	292,138	10,000
Program increase - cyber digital twin development		5,000	
Program increase - actionable analytics and services for reliable maintenance		5,000	
157 ANTI-TAMPER TECHNOLOGY SUPPORT	8,340	8,340	0
158 TACAMO MODERNIZATION	213,743	213,743	0
159 CH-53K RDTE	222,288	222,288	0
160 MISSION PLANNING	86,448	86,448	0
161 COMMON AVIONICS	81,076	81,076	0
162 SHIP TO SHORE CONNECTOR (SSC)	1,343	1,343	0
163 T-AO 205 CLASS	71	71	0
164 UNMANNED CARRIER AVIATION (UCA)	220,404	169,622	-50,782
Test and evaluation excess to need due to EDM delivery delays		-50,782	
165 JOINT AIR-TO-GROUND MISSILE (JAGM)	384	384	0
166 MULTI-MISSION MARITIME AIRCRAFT (MMA)	36,027	36,027	0
167 MULTI-MISSION MARITIME (MMA) INCREMENT III	132,449	132,449	0
MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION	103,236	103,236	0
JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION	2,609	2,609	0
170 DDG-1000	231,778	223,444	-8,334
Prior year underexecution		-8,334	
171 COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW)	17,531	17,531	0
172 ISR & INFO OPERATIONS	174,271	171,204	-3,067
Prior year underexecution		-3,067	
173 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	2,068	2,068	0
174 THREAT SIMULATOR DEVELOPMENT	22,918	22,918	0
175 TARGET SYSTEMS DEVELOPMENT	18,623	18,623	0
176 MAJOR T&E INVESTMENT	74,221	90,721	16,500
Program increase - data security improvements		16,500	

R-1	Budget Request	Committee Recommended	Change from Request
177 STUDIES AND ANALYSIS SUPPORT - NAVY	3,229	3,229	0
178 CENTER FOR NAVAL ANALYSES	45,672	45,672	0
180 TECHNICAL INFORMATION SERVICES	1,000	1,000	0
181 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	124,328	124,328	0
182 STRATEGIC TECHNICAL SUPPORT	4,053	4,053	0
183 RDT&E SHIP AND AIRCRAFT SUPPORT Project 0568 unjustified request	203,447	179,511 -23,936	-23,936
184 TEST AND EVALUATION SUPPORT Program increase - tactical edge networking payloads	481,975	491,975 10,000	10,000
185 OPERATIONAL TEST AND EVALUATION CAPABILITY	29,399	29,399	0
186 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	27,504	27,504	0
187 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	9,183	9,183	0
188 MARINE CORPS PROGRAM WIDE SUPPORT	34,976	34,976	0
189 MANAGEMENT HQ - R&D	41,331	41,331	0
190 WARFARE INNOVATION MANAGEMENT	37,340	37,340	0
191 INSIDER THREAT	2,246	2,246	0
192 MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES)	2,168	2,168	0
196 F-35 C2D2	544,625	544,625	0
197 F-35 C2D2	543,834	543,834	0
198 MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS Prior year underexecution Program increase - artificial intelligence for ready relevant learning	99,860	91,309 -11,051 2,500	-8,551
199 COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	153,440	153,440	0
200 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT Program increase - next generation strategic inertial measurement unit	321,648	331,648 10,000	10,000
201 SSBN SECURITY TECHNOLOGY PROGRAM	62,694	62,694	0
202 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	92,869	92,869	0
203 NAVY STRATEGIC COMMUNICATIONS	51,919	51,919	0
204 F/A-18 SQUADRONS Next generation naval mission planning system insufficient justification Program increase - advanced digital video map computer Program increase - noise reduction technology	333,783	335,783 -12,000 10,000 4,000	2,000

R-1	Budget Request	Committee Recommended	Change from Request
205 SURFACE SUPPORT	8,619	8,619	0
206 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	122,834	122,834	0
207 INTEGRATED SURVEILLANCE SYSTEM Program increase - deployable surveillance systems	76,279	80,279 4,000	4,000
208 SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	1,103	1,103	0
209 AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT)	1,991	1,991	0
210 GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	92,674	92,674	0
211 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	115,894	115,894	0
212 ELECTRONIC WARFARE (EW) READINESS SUPPORT	61,677	61,677	0
213 ANTI-RADIATION MISSILE IMPROVEMENT Program increase - solid fuel ramjet demonstration	59,555	84,555 25,000	25,000
214 SURFACE ASW COMBAT SYSTEM INTEGRATION	29,973	29,973	0
215 MK-48 ADCAP Program increase - MK-48 torpedo test equipment	213,165	223,365 10,200	10,200
216 AVIATION IMPROVEMENTS	143,277	143,277	0
217 OPERATIONAL NUCLEAR POWER SYSTEMS	152,546	152,546	0
218 MARINE CORPS COMMUNICATIONS SYSTEMS Prior year underexecution	192,625	175,989 -16,636	-16,636
219 COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	12,565	12,565	0
220 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	83,900	83,900	0
221 MARINE CORPS COMBAT SERVICES SUPPORT Program increase - platform independent portable self-contained sensor system	27,794	30,194 2,400	2,400
222 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	47,762	47,762	0
223 AMPHIBIOUS ASSAULT VEHICLE	373	373	0
224 TACTICAL AIM MISSILES	36,439	36,439	0
225 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	29,198	29,198	0
226 PLANNING AND DECISION AID SYSTEM (PDAS)	3,565	3,565	0
230 AFLOAT NETWORKS	49,995	49,995	0
231 INFORMATION SYSTEMS SECURITY PROGRAM	33,390	33,390	0

R-1	Budget Request	Committee Recommended	Change from Request
232 MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	7,304	7,304	0
233 TACTICAL UNMANNED AERIAL VEHICLES	11,235	11,235	0
234 UAS INTEGRATION AND INTEROPERABILITY	16,409	16,409	0
235 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS Program increase - Marine Corps geospatial enterprise cloud capability modernization	51,192	59,792 8,600	8,600
236 MQ-4C TRITON	12,094	12,094	0
237 MQ-8 UAV Program increase - passive ELINT targeting capability	29,700	39,700 10,000	10,000
238 RQ-11 UAV	2,107	2,107	0
239 SMALL (LEVEL 0) TACTICAL UAS (STUASL0)	2,999	2,999	0
240 MULTI-INTELLIGENCE SENSOR DEVELOPMENT	49,460	49,460	0
241 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	13,005	13,005	0
242 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,000	2,000	0
243 RQ-4 MODERNIZATION	300,378	300,378	0
244 INTELLIGENCE MISSION DATA (IMD)	788	788	0
245 MODELING AND SIMULATION SUPPORT	10,994	10,994	0
246 DEPOT MAINTENANCE (NON-IF) Program increase - joint enterprise data interoperability for F-35 depots	23,248	28,248 5,000	5,000
247 MARITIME TECHNOLOGY (MARITECH)	3,284	3,284	0
999 CLASSIFIED PROGRAMS Classified adjustment	2,021,376	2,372,776 351,400	351,400
249 RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM	11,748	11,748	0
250 MARITIME TACTICAL COMMAND AND CONTROL (MTC2) - SOFTWARE PILOT PROGRAM	10,555	10,555	0
CIVILIAN FTE ADJUSTMENT	0	-1,700	-1,700
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY	26,922,225	27,690,777	768,552

AUTOMATED TEST AND RE-TEST

The Committee remains supportive of the Navy's use of Automated Test and Re-test (ATRT) technologies in support of several individual programs to improve the efficiency and quality of testing, analysis, and certification. ATRT is a critical, validated, and cost-effective technology that enables rapid insertion of capabilities to address emerging threats. However, the Committee is concerned that the Navy is not rapidly evaluating current and future acquisition programs for ATRT applicability. Therefore, the Committee recommendation includes a total of \$120,000,000 to expand the use of ATRT technologies throughout the Navy enterprise. Further, the Committee again urges the Secretary of the Navy to budget for ATRT in future budget requests.

LARGE DIAMETER UNMANNED UNDERSEA VEHICLES

The Committee recommendation includes \$35,000,000 for the Navy to acquire commercially available large diameter unmanned undersea vehicle (LDUUV) test platforms, ancillary equipment, and support services that can rapidly integrate a broad range of payloads and sensors to serve as test beds for organizations and expedite the delivery of these capabilities to the fleet. The Secretary of the Navy should focus experimentation efforts on platforms that are commercially available, at a high technology readiness level, do not require submarines as host platforms to conduct operations, and possess mission-relevant range and endurance characteristics for the United States Indo-Pacific Command area of operations. Further, the platforms should be capable of operating at full ocean depth and be rapidly reconfigurable to enable a broad range of payload integration and fleet experimentation activities.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR
FORCE

The Committee recommends the following appropriations for Research, Development, Test and Evaluation, Air Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	DEFENSE RESEARCH SCIENCES	401,486	401,486	0
2	UNIVERSITY RESEARCH INITIATIVES	182,372	187,372	5,000
	Program increase - intelligent 2D sensors		5,000	
3	FUTURE AF CAPABILITIES APPLIED RESEARCH	90,713	90,713	0
4	UNIVERSITY AFFILIATED RESEARCH CENTER (UARC) - TACTICAL AUTONOMY	8,018	8,018	0
5	MATERIALS	142,325	189,625	47,300
	Program increase - accelerated material development for high mach capabilities		10,000	
	Program increase - scale titanium additive manufacturing for critical airframe structures		10,000	
	Program increase - far forward human performance, sustainment, and resilience		10,000	
	Program increase - synthetic biology manufacturing of critical materials		9,800	
	Program increase - nano-bio technologies		7,500	
6	AEROSPACE VEHICLE TECHNOLOGIES	161,268	193,768	32,500
	Program increase - collaborative hypersonic demonstration		11,000	
	Program increase - low-cost rapid aerospace fabrication technology		6,500	
	Program increase - hypersonic air breather manufacturing industrial base expansion		10,000	
	Program increase - full-scale determinant assembly for hypersonic airframe structures		5,000	
7	HUMAN EFFECTIVENESS APPLIED RESEARCH	146,921	146,921	0
8	AEROSPACE PROPULSION	184,867	204,867	20,000
	Program increase - rotary machines with advanced magnetic materials		10,000	
	Program increase - highly electrified aircraft		5,000	
	Program increase - battery additives		5,000	
9	AEROSPACE SENSORS	216,269	231,269	15,000
	Program increase - quantum optoelectronic materials and devices		6,000	
	Program increase - hardware and embedded systems security, assurance, and trust		9,000	
11	SCIENCE AND TECHNOLOGY MANAGEMENT - MAJOR HEADQUARTERS ACTIVITIES	10,303	10,303	0
12	CONVENTIONAL MUNITIONS	160,599	160,599	0
13	DIRECTED ENERGY TECHNOLOGY	129,961	118,462	-11,509
	Civilian pay - Air Force requested transfer to RDTE, SF line 5		-11,509	

R-1	Budget Request	Committee Recommended	Change from Request
14 DOMINANT INFORMATION SCIENCES AND METHODS	182,076	289,076	107,000
Program increase - photonic chips for quantum computing		10,000	
Program increase - heterogeneously integrated photonics and electronic technologies		10,000	
Program increase - quantum entanglement distribution		5,000	
Program increase - technology innovation collaborative		2,000	
Program increase - secure quantum computing facility		20,000	
Program increase - cyberspace dominance technology		10,000	
Program increase - future flag JADC2 operational experimentation testbed		25,000	
Program increase - quantum cryptography		10,000	
Program increase - ion trap quantum computing		15,000	
15 FUTURE AF INTEGRATED TECHNOLOGY DEMOS	255,855	178,303	-77,552
WARTECH unjustified growth		-12,750	
Analysis for emerging vanguard pipeline excess to need		-10,350	
Vanguard pathfinders excess to need		-63,452	
Program increase - automated geospatial intelligence algorithms		9,000	
16 ADVANCED MATERIALS FOR WEAPON SYSTEMS	30,372	44,372	14,000
Program increase - polymer printing technology		5,000	
Program increase - beryllium manufacturing		4,000	
Program increase - advanced carbon materials for sensor and aerospace platform protection		5,000	
17 SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	10,478	10,478	0
18 ADVANCED AEROSPACE SENSORS	48,046	43,046	-5,000
Surface targets sense-making excess to need		-5,000	
19 AEROSPACE TECHNOLOGY DEV/DEMO	51,896	119,126	67,230
Flight vehicle tech integration lacks air worthiness process modernization		-6,504	
High speed vehicle tech design work excess to need		-3,266	
Program increase - alternative PNT for hypersonics		9,500	
Program increase - hypersonic unmanned wingman		10,000	
Program increase - semiautonomous adversary aircraft platform		12,500	
Program increase - reentry systems test bed		5,000	
Program increase - digital engineering test bed		10,000	
Program increase - hybrid electric propulsion		30,000	
20 AEROSPACE PROPULSION AND POWER TECHNOLOGY	56,789	82,989	26,200
Program increase - infrastructure upgrade for hypersonic booster tests		6,200	
Program increase - altitude chamber infrastructure upgrades		15,000	
Program increase - hybrid rocket engine development		5,000	
21 ELECTRONIC COMBAT TECHNOLOGY	32,510	32,510	0
22 SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS	70,321	70,321	0
23 MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	2	2	0

R-1	Budget Request	Committee Recommended	Change from Request
24 HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT	15,593	15,593	0
25 CONVENTIONAL WEAPONS TECHNOLOGY	132,311	132,311	0
26 ADVANCED WEAPONS TECHNOLOGY High power microwave unjustified growth	102,997	88,234 -14,763	-14,763
27 MANUFACTURING TECHNOLOGY PROGRAM	44,422	157,422	113,000
Program increase - metal additive manufacturing		8,500	
Program increase - thermoplastic flight control components for advanced manned and unmanned platforms		6,000	
Program increase - rare gas cryogenic distillation and purification		5,000	
Program increase - classified additive manufacturing		20,000	
Program increase - vertical integration of scramjet supply chain		15,000	
Program increase - gallium oxide for high power electronics		10,000	
Program increase - digital engineering enabled workforce development		7,000	
Program increase - aerospace film technology manufacturing		4,000	
Program increase - aerospace films for increased operational range		5,000	
Program increase - operationalizing additive manufacturing for sustainment and modernization research		19,500	
Program increase - agile additive manufacturing for advanced hypersonic systems technology		5,000	
Program increase - virtual, augmented, and mixed reality readiness		8,000	
28 BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION	37,779	57,779	20,000
Program increase - antenna form factor development for assured communications and networks		20,000	
29 CONTROL AND REPORTING CENTER (CRC) Unjustified request	2,005	0 -2,005	-2,005
30 MODULAR ADVANCED MISSILE Unjustified growth	105,238	76,331 -28,907	-28,907
31 INTELLIGENCE ADVANCED DEVELOPMENT	6,237	6,237	0
32 COMBAT IDENTIFICATION TECHNOLOGY Air target identification unjustified growth	21,298	15,922 -5,376	-5,376
33 NATO RESEARCH AND DEVELOPMENT	2,208	2,208	0
34 INTERCONTINENTAL BALLISTIC MISSILE - DEMVAL Long range planning unjustified growth Program increase - advanced ballistic aeroshells	45,319	32,557 -15,762 3,000	-12,762
35 NC3 ADVANCED CONCEPTS	10,011	10,011	0

R-1	Budget Request	Committee Recommended	Change from Request
37 ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	500,575	500,575	0
38 ADVANCED ENGINE DEVELOPMENT Program increase - adaptive engine transition program	595,352	745,352 150,000	150,000
39 NC3 COMMERCIAL DEVELOPMENT & PROTOTYPING	78,799	78,799	0
40 DEPT OF THE AIR FORCE TECH ARCHITECTURE Air Force requested transfer to line 57	2,620	0 -2,620	-2,620
41 E-7	681,039	681,039	0
42 AFWERX PRIME PMA ahead of need Program increase - Agility Prime	83,336	97,336 -6,000 20,000	14,000
43 LONG RANGE STRIKE - BOMBER	2,984,143	2,984,143	0
44 RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	154,300	154,300	0
45 DIRECTED ENERGY PROTOTYPING	1,246	1,246	0
46 HYPERSONICS PROTOTYPING ARRW program termination	150,340	0 -150,340	-150,340
HYPERSONICS PROTOTYPING - HYPERSONIC ATTACK CRUISE MISSILE (HACM)	381,528	381,528	0
48 PNT RESILIENCY, MODS, AND IMPROVEMENTS	18,041	18,041	0
49 ADVANCED TECHNOLOGY AND SENSORS Imaging and targeting support unjustified growth	27,650	22,616 -5,034	-5,034
50 SURVIVABLE AIRBORNE OPERATIONS CENTER (SAOC) EMD excess to need Test and evaluation excess to need Management services overestimation	888,829	790,537 -69,716 -12,657 -15,919	-98,292
51 TECHNOLOGY TRANSFER	26,638	26,638	0
HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM	19,266	19,266	0
53 CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	37,121	37,121	0
JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS)	37,026	37,026	0
56 DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D Unjustified request	31,833	23,862 -7,971	-7,971

R-1	Budget Request	Committee Recommended	Change from Request
57 TECH TRANSITION PROGRAM	210,806	247,026	36,220
Air Force requested transfer from line 40		2,620	
Program decrease - AFFOA textile research		-1,000	
Program increase - reconfigurable hybrid electric rotorcraft		10,000	
Program increase - operational additive manufacturing capabilities		14,800	
Program increase - capability for advanced air mobility		9,800	
OPERATIONAL ENERGY AND INSTALLATION			
58 RESILIENCE	46,305	18,400	-27,905
Program decrease - energy and climate resilience		-22,805	
PMA costs excess to need		-400	
Historic underexecution		-4,700	
59 AIR REFUELING CAPABILITY MODERNIZATION	19,400	15,400	-4,000
Unjustified support cost growth		-4,000	
59a NEXT GENERATION AIR-REFUELING SYSTEM	0	7,928	7,928
Air Force requested transfer from line 92		7,928	
61 NEXT GENERATION AIR DOMINANCE	2,326,128	2,326,128	0
62 AUTONOMOUS COLLABORATIVE PLATFORMS	118,826	101,013	-17,813
VENOM test support - Air Force requested transfer to line 112		-17,813	
63 COMBAT IDENTIFICATION	1,902	1,902	0
64 THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	19,763	19,763	0
65 AIRBASE AIR DEFENSE SYSTEMS (ABADS)	78,867	78,867	0
66 WAR RESERVE MATERIEL - AMMUNITION	8,175	8,175	0
68 COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	25,157	25,157	0
69 MISSION PARTNER ENVIRONMENTS	17,727	17,727	0
72 RAPID SUSTAINMENT MODERNIZATION (RSM)	43,431	52,431	9,000
Program increase - agile manufacturing robot		9,000	
73 INTEGRATED PRIMARY PREVENTION	9,364	9,364	0
74 CONTRACTING INFORMATION TECHNOLOGY SYSTEM	28,294	28,294	0
U.S. SPACE COMMAND RESEARCH AND			
75 DEVELOPMENT SUPPORT	14,892	14,892	0
76 FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	9,757	9,757	0
77 PNT RESILIENCY, MODS, AND IMPROVEMENTS	163,156	161,156	-2,000
R-EGI FFRDC support unjustified growth		-2,000	
78 NUCLEAR WEAPONS SUPPORT	45,884	45,884	0
79 ELECTRONIC WARFARE DEVELOPMENT	13,804	13,804	0

R-1		Budget Request	Committee Recommended	Change from Request
80	TACTICAL DATA NETWORKS ENTERPRISE	74,023	85,523	11,500
	SPoC radio - Air Force requested transfer from line 139		5,000	
	Program increase - software programmable open mission systems compliant radios		6,500	
81	PHYSICAL SECURITY EQUIPMENT	10,605	1,960	-8,645
	IBDSS-3 ahead of need		-8,645	
82	ARMAMENT/ORDNANCE DEVELOPMENT	5,918	5,202	-716
	Growth exceeds inflation rate		-716	
83	SUBMUNITIONS	3,345	3,345	0
84	AGILE COMBAT SUPPORT	21,967	36,967	15,000
	Program increase - PFAS destruction technology		15,000	
85	LIFE SUPPORT SYSTEMS	39,301	39,301	0
86	COMBAT TRAINING RANGES	152,569	152,569	0
87	LONG RANGE STANDOFF WEAPON	911,406	891,406	-20,000
	Air Force requested transfer to OM,AF line 11R		-20,000	
88	ICBM FUZE MODERNIZATION	71,732	71,732	0
89	JOINT TACTICAL NETWORK CENTER (JTNC)	2,256	2,256	0
90	JOINT TACTICAL NETWORK (JTN)	452	452	0
91	OPEN ARCHITECTURE MANAGEMENT	36,582	36,582	0
92	NEXT GENERATION AIR-REFUELING SYSTEM	7,928	0	-7,928
	Air Force requested transfer to line 59a		-7,928	
93	ADVANCED PILOT TRAINING	77,252	77,252	0
94	HH-60W	48,268	47,376	-892
	Support costs excess to need		-892	
95	GROUND BASED STRATEGIC DETERRENT EMD	3,746,935	3,686,840	-60,095
	EMD government support costs growth		-52,445	
	Air Force requested transfer to AP,AF line 65a		-7,650	
96	F-15 EPAWSS	13,982	13,982	0
	ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY			
97	RECOVERY	56,225	56,225	0
98	STAND IN ATTACK WEAPON	298,585	285,351	-13,234
	F-35 integration contract award delay		-13,234	
99	FULL COMBAT MISSION TRAINING	7,597	17,597	10,000
	Program increase - airborne augmented reality for increased pilot training production		10,000	
100	MEDICAL C-CBRNE PROGRAMS	2,006	2,006	0

R-1	Budget Request	Committee Recommended	Change from Request
102 ENDURANCE UNMANNED AERIAL VEHICLES	30,000	30,000	0
103 KC-46A TANKER SQUADRONS	124,662	87,455	-37,207
Direct mission support excess to need		-7,168	
Aircrew training system previously funded		-9,864	
Test and evaluation previously funded		-20,175	
104 VC-25B	490,701	430,701	-60,000
Historic underexecution		-60,000	
105 AUTOMATED TEST SYSTEMS	12,911	12,911	0
106 TRAINING DEVELOPMENTS	1,922	1,248	-674
Management services ahead of need		-674	
106a OVER-THE-HORIZON BACKSCATTER RADAR	0	428,754	428,754
Air Force requested transfer from line 158		428,754	
107 THREAT SIMULATOR DEVELOPMENT	16,626	16,626	0
108 MAJOR T&E INVESTMENT	31,143	31,143	0
109 RAND PROJECT AIR FORCE	38,398	32,176	-6,222
Unjustified growth		-6,222	
110 SMALL BUSINESS INNOVATION RESEARCH	1,466	1,466	0
111 INITIAL OPERATIONAL TEST & EVALUATION	13,736	13,736	0
112 TEST AND EVALUATION SUPPORT	913,213	931,026	17,813
VENOM test support - Air Force requested transfer from line 62		17,813	
113 ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	317,901	317,901	0
114 ACQ WORKFORCE- GLOBAL REACH	541,677	541,677	0
115 ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	551,213	551,213	0
117 ACQ WORKFORCE- CAPABILITY INTEGRATION	243,780	243,780	0
118 ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	109,030	109,030	0
119 ACQ WORKFORCE- NUCLEAR SYSTEMS	336,788	336,788	0
120 MANAGEMENT HQ - R&D	5,005	5,005	0
FACILITIES RESTORATION AND MODERNIZATION -			
121 TEST AND EVALUATION SUPPORT	87,889	116,389	28,500
Program increase - infrastructure improvements		28,500	
FACILITIES SUSTAINMENT - TEST AND EVALUATION			
122 SUPPORT	35,065	35,065	0

R-1	Budget Request	Committee Recommended	Change from Request
123 REQUIREMENTS ANALYSIS AND MATURATION Program increase - enterprise digital transformation with commercial physics simulation	89,956	98,956 9,000	9,000
124 MANAGEMENT HQ - T&E COMMAND, CONTROL, COMMUNICATION, AND	7,453	7,453	0
126 COMPUTERS (C4) - STRATCOM Program increase - NC3 REACH	20,871	25,871 5,000	5,000
127 ENTERPRISE INFORMATION SERVICES (EIS)	100,357	100,357	0
128 ACQUISITION AND MANAGEMENT SUPPORT Program increase - academic cybersecurity center support Program increase - document generation platform Program increase - digital-first ecosystem Program increase - file rights management Program increase - airworthiness of safety-critical embedded software	20,478	51,478 10,500 7,500 5,000 3,000 5,000	31,000
129 GENERAL SKILL TRAINING Historic underexecution	796	0 -796	-796
132 INTERNATIONAL ACTIVITIES	3,917	3,917	0
134 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING T-6 avionics replacement program delay	41,464	40,282 -1,182	-1,182
135 BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT	40,000	40,000	0
136 WIDE AREA SURVEILLANCE	8,018	8,018	0
137 AGILE COMBAT SUPPORT	5,645	5,645	0
139 F-35 C2D2 Support costs excess to need SPoC radio - Air Force requested transfer to line 80	1,275,268	1,268,275 -1,993 -5,000	-6,993
AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	40,203	40,203	0
141 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	49,613	49,613	0
142 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	93,881	93,881	0
143 HC/MC-130 RECAP RDT&E Comms modernization phase II ahead of need	36,536	9,561 -26,975	-26,975
144 NC3 INTEGRATION	22,910	22,910	0
145 B-52 SQUADRONS AEHF contract award delay RMP EMD previously funded Quad Crew delays Air Force requested transfer from AP,AF line 21 Program increase - B-52 in-flight networking pod	950,815	954,193 -9,548 -9,061 -2,030 14,017 10,000	3,378

R-1	Budget Request	Committee Recommended	Change from Request
146 AIR-LAUNCHED CRUISE MISSILE (ALCM)	290	290	0
147 B-1B SQUADRONS	12,619	12,619	0
148 B-2 SQUADRONS	87,623	87,623	0
149 MINUTEMAN SQUADRONS	33,237	43,237	10,000
Program increase - multi-domain command and control		5,000	
Program increase - software modernization for air logistics		5,000	
150 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	24,653	24,653	0
151 SERVICE SUPPORT TO STRATCOM - GLOBAL STRIKE	7,562	7,562	0
153 ICBM REENTRY VEHICLES	475,415	475,415	0
155 MH-139A	25,737	25,737	0
REGION/SECTOR OPERATION CONTROL CENTER			
156 MODERNIZATION PROGRAM	831	831	0
157 NORTH WARNING SYSTEM (NWS)	102	102	0
158 OVER-THE-HORIZON BACKSCATTER RADAR	428,754	0	-428,754
Air Force requested transfer to line 106a		-428,754	
159 VEHICLES AND SUPPORT EQUIPMENT - GENERAL	15,498	15,498	0
160 MQ-9 UAV	81,123	81,123	0
161 JOINT COUNTER RCIED ELECTRONIC WARFARE	2,303	2,303	0
162 MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT	7,312	7,312	0
164 F-16 SQUADRONS	98,633	108,633	10,000
Program increase - data bus cybersecurity		10,000	
165 F-15E SQUADRONS	50,965	41,815	-9,150
GPS M-Code ahead of need		-18,550	
Program increase - electrical testing equipment		9,400	
166 MANNED DESTRUCTIVE SUPPRESSION	16,543	16,543	0
167 F-22A SQUADRONS	725,889	740,889	15,000
Program increase - cybersecurity of serial data bus		15,000	
168 F-35 SQUADRONS	97,231	90,749	-6,482
QRIP contract award delay		-6,482	
169 F-15EX	100,006	104,506	4,500
Program increase - aluminum microtube heat exchangers		4,500	
170 TACTICAL AIM MISSILES	41,958	41,958	0
ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE			
171 (AMRAAM)	53,679	53,679	0

R-1	Budget Request	Committee Recommended	Change from Request
172 COMBAT RESCUE - PARARESCUE	726	726	0
173 E-11A	64,888	64,888	0
174 AF TENCAP	25,749	25,749	0
175 PRECISION ATTACK SYSTEMS PROCUREMENT	11,872	11,872	0
176 COMPASS CALL	66,932	66,932	0
AIRCRAFT ENGINE COMPONENT IMPROVEMENT 177 PROGRAM	55,223	55,223	0
178 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	132,937	132,937	0
179 SMALL DIAMETER BOMB (SDB)	37,518	37,518	0
180 AIR & SPACE OPERATIONS CENTER (AOC)	72,059	72,059	0
181 CONTROL AND REPORTING CENTER (CRC)	17,498	17,498	0
183 AFSPECWAR - TACP	2,106	2,106	0
185 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	72,010	72,010	0
186 THEATER BATTLE MANAGEMENT (TBM) C4I	6,467	6,467	0
ELECTRONIC WARFARE INTEGRATED 187 REPROGRAMMING (EWIR) Contract award delay	10,388	3,906 -6,482	-6,482
188 TACTICAL AIR CONTROL PARTY-MOD Program increase - man-portable tactical laser communications	10,060	25,060 15,000	15,000
189 DCAVES Increment 2B delays	8,233	6,941 -1,292	-1,292
190 AIR FORCE CALIBRATION PROGRAMS	2,172	2,172	0
192 NATIONAL TECHNICAL NUCLEAR FORENSICS	2,049	2,049	0
193 SEEK EAGLE	33,478	33,478	0
195 WARGAMING AND SIMULATION CENTERS	11,894	11,894	0
197 DISTRIBUTED TRAINING AND EXERCISES	3,811	3,811	0
198 MISSION PLANNING SYSTEMS	96,272	96,272	0
199 TACTICAL DECEPTION Program increase - radar modeling	26,533	36,533 10,000	10,000
201 DISTRIBUTED CYBER WARFARE OPERATIONS	50,122	50,122	0

R-1	Budget Request	Committee Recommended	Change from Request
202 AF DEFENSIVE CYBERSPACE OPERATIONS	113,064	113,064	0
208 INTEL DATA APPLICATIONS	967	967	0
209 GEOBASE	1,514	1,514	0
211 CYBER SECURITY INTELLIGENCE SUPPORT	8,476	8,476	0
AF MULTI-DOMAIN NON-TRADITIONAL ISR			
218 BATTLESPACE AWARENESS	2,890	2,890	0
E-4B NATIONAL AIRBORNE OPERATIONS CENTER			
219 (NAOC)	39,868	29,868	-10,000
SIL ahead of need		-10,000	
220 EIT CONNECT	32,900	32,900	0
221 CYBERSPACE OPERATIONS SYSTEMS	4,881	4,881	0
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS			
222 NETWORK (MEECN)	33,567	31,908	-1,659
Global ASNT Inc 2 previously funded		-1,659	
223 HIGH FREQUENCY RADIO SYSTEMS	40,000	35,000	-5,000
Program support costs unjustified request		-5,000	
224 INFORMATION SYSTEMS SECURITY PROGRAM	95,523	95,523	0
226 ALL DOMAIN COMMON PLATFORM	71,296	71,296	0
227 JOINT MILITARY DECEPTION INITIATIVE	4,682	4,682	0
STRATEGIC MISSION PLANNING & EXECUTION SYSTEM			
228 (SMPES)	64,944	64,944	0
230 AIRBORNE SIGINT ENTERPRISE	108,947	115,745	6,798
AFSA previously funded		-2,202	
Program increase - special projects		9,000	
231 COMMERCIAL ECONOMIC ANALYSIS	4,635	4,635	0
234 C2 AIR OPERATIONS SUITE - C2 INFO SERVICES	13,751	13,751	0
235 CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,660	1,660	0
236 ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	18,680	13,462	-5,218
Unjustified growth		-5,218	
237 GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	5,031	5,031	0
238 CYBER SECURITY INITIATIVE	301	0	-301
Integrated sensor collection development ahead of need		-301	
239 WEATHER SERVICE	26,329	26,329	0

R-1	Budget Request	Committee Recommended	Change from Request
AIR TRAFFIC CONTROL, APPROACH, AND LANDING			
240 SYSTEM (ATCALS)	8,751	11,751	3,000
Program increase - Infill radars for wind farm coverage		3,000	
241 AERIAL TARGETS	6,915	6,915	0
244 SECURITY AND INVESTIGATIVE ACTIVITIES	352	352	0
245 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	6,930	6,930	0
246 INTEGRATED BROADCAST SERVICE (IBS)	21,588	21,588	0
247 DRAGON U-2	16,842	16,842	0
248 AIRBORNE RECONNAISSANCE SYSTEMS	43,158	56,158	13,000
Agile ISR PMA costs excess to need		-2,000	
Program increase - persistent wide-area moving target engagement		15,000	
249 MANNED RECONNAISSANCE SYSTEMS	14,330	14,330	0
250 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	88,854	88,854	0
251 RQ-4 UAV	1,242	1,242	0
252 NETWORK-CENTRIC COLLABORATIVE TARGETING	12,496	12,496	0
253 NATO AGS	2	2	0
254 SUPPORT TO DCGS ENTERPRISE	31,589	31,589	0
INTERNATIONAL INTELLIGENCE TECHNOLOGY AND			
255 ARCHITECTURES	15,322	15,322	0
256 RAPID CYBER ACQUISITION	8,830	8,830	0
257 PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,764	2,764	0
258 INTELLIGENCE MISSION DATA (IMD)	7,090	7,090	0
259 C-130 AIRLIFT SQUADRON	5,427	5,427	0
260 C-5 AIRLIFT SQUADRONS (IF)	29,502	27,502	-2,000
NGAL studies excess to need		-2,000	
261 C-17 AIRCRAFT (IF)	2,753	2,753	0
262 C-130J PROGRAM	19,100	24,100	5,000
Program increase - aerial delivery of fire suppression		5,000	
263 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,982	5,982	0

R-1	Budget Request	Committee Recommended	Change from Request
264 KC-135S	51,105	83,434	32,329
COMM 2 crypto delay		-1,771	
Program increase - intelligent gateway		19,100	
Program increase - multi-function sensor		15,000	
265 CV-22	18,127	18,127	0
266 SPECIAL TACTICS / COMBAT CONTROL	9,198	7,977	-1,221
M2M Software delay		-1,221	
268 LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	17,520	17,520	0
269 AF LVC OPERATIONAL TRAINING (LVC-OT)	25,144	25,144	0
270 OTHER FLIGHT TRAINING	2,265	2,265	0
272 JOINT PERSONNEL RECOVERY AGENCY	2,266	2,266	0
273 CIVILIAN COMPENSATION PROGRAM	4,006	4,006	0
274 PERSONNEL ADMINISTRATION	3,078	3,078	0
275 AIR FORCE STUDIES AND ANALYSIS AGENCY	5,309	909	-4,400
Insufficient justification		-4,400	
FINANCIAL MANAGEMENT INFORMATION SYSTEMS			
276 DEVELOPMENT	4,279	4,279	0
DEFENSE ENTERPRISE ACNTNG AND MGT SYS			
277 (DEAMS)	45,925	45,925	0
278 SERVICE SUPPORT TO SPACECOM ACTIVITIES	9,778	9,778	0
999 CLASSIFIED PROGRAMS	16,814,245	16,602,164	-212,081
Classified adjustment		-212,081	
UND CIVILIAN FTE ADJUSTMENT		-35,000	-35,000
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE	46,565,356	46,479,858	-85,498

VANGUARDS

The Committee recognizes the valuable contributions made by the Department of the Air Force's Science and Technology (S&T) community, in particular the Air Force Research Lab (AFRL). The Committee finds the Air Force has improved in its efforts to align fundamental research with urgent operational needs. The Air Force's Vanguard programs, which share the Committee's goals of rapid experimentation, problem identification, and fielding, have led to several programs of record that enable warfighting capabilities. However, the Committee has concerns with the current and future scope of the Vanguard programs.

First, the time from operational need identification to fielding remains far too long given the modest advances in capability. Second, the Committee believes that the Air Force should focus its fiscal year 2024 efforts on the existing Vanguards and Vanguard Prospects. Due to the increase in the budget request for the Vanguards over the future years defense program, the Committee urges the Air Force to demonstrate how it can more rapidly transition current Vanguard Prospects to programs of record before it invests in the Pathfinders. Additionally, it is not clear that the Vanguards are sufficiently leveraging emerging technologies in the commercial sector. Lastly, the Committee is concerned that standard business operations in AFRL perpetuate the gap between the operators, acquirers, and the S&T workforce, limiting the military utility and speed of fielding. Understanding how AFRL is closing this gap is of key interest to the Committee.

Therefore, the Committee recommends a reduction of \$86,552,000 to the Vanguards and provides no funding for the Pathfinders. The Committee looks forward to continued updates on the fielding of the funded Vanguards and ways the Air Force is addressing the previously mentioned concerns.

FIGHTER AIRCRAFT ENGINE DEVELOPMENT

In the fiscal year 2024 President's budget request, the Air Force requested \$254,685,000 for the F135 Engine Core Upgrade (ECU), \$595,352,000 for the Next Generation Adaptive Propulsion (NGAP) program, and no additional funding for the Adaptive Engine Transition Program (AETP). The Committee recognizes that the independent cost assessment completed by the Director of Cost Assessment and Program Evaluation found that fielding adaptive cycle engine technology on only the F-35A would drive unsustainable costs in future years for the Air Force. The Committee concurs with this finding and understands the Air Force has fully budgeted for ECU activities in fiscal year 2024 and the future years defense program. The Committee fully funds the request for F135 ECU to improve the F-35 engine program.

Further, the Committee finds the business case analysis completed by the Joint Program Office and other analyses provided to the Committee to be incomplete in assessing whether the F135 engine will meet the expected thrust and thermal management capacity requirements. While the Committee assesses that the F135 engine may meet future needs with the planned upgrades, it also finds that continued investment in engine testing for fighter air-

craft is justified. NGAP, F135 ECU, and other programs that direct research to improve engine capabilities are required to ensure a robust industrial base and enable the Air Force's fighter aircraft inventory during future conflict. The Committee supports increased funding for these programs in fiscal year 2024 but also believes that continuing the AETP program will mitigate risk for both adaptive cycle and future engine development programs.

Therefore, the Committee recommendation provides \$150,000,000 to continue AETP in the Advanced Engine Development budget line to ensure coordinated design efforts with NGAP. The testing objectives for AETP shall align with funding provided in prior fiscal years and shall dually inform the enabling design for Next Generation Air Dominance capabilities. The Committee emphasizes that this increase is not intended to incentivize the Air Force, or any other Service, to create an alternative engine program for the F-35. Therefore, the Act includes a general provision that prohibits the use of funds to integrate an alternative engine on any F-35 aircraft.

COLLABORATIVE COMBAT AIRCRAFT

The fiscal year 2024 President's budget request includes \$392,210,000 for Collaborative Combat Aircraft (CCA). The Committee notes the significant growth projected for the program over the future years defense program. The Committee understands the proposed operational concepts of CCA and is encouraged by its co-development with the Next Generation Air Dominance program. The Committee notes with support the co-development efforts with allies and partners and believes these efforts should be continued and expanded where possible. While the Committee recommendation supports the funding request for fiscal year 2024, the Committee is concerned that CCA requires such a degree of concept refinement that it will unnecessarily delay the fielding of available technologies. The Committee looks forward to regular updates on CCA refinement and fielding, recognizing that the funds provided in fiscal year 2024 will, in part, be used for these purposes.

The Committee directs the Secretary of the Air Force to submit to the House and Senate Appropriations Committees, in coordination with the submission of the fiscal year 2025 President's budget request, a detailed plan of how the Air Force intends to transition CCA concepts into an operational program of record, how it intends to mitigate developmental risk through the rapid fielding of existing technologies, what unit cost variances exist for attritable and expendable aircraft, ways to enhance co-development with allies and partners, how it is aligning autonomy or mitigating the lack thereof with its concept of operations, and a proposal for an acquisition strategy over the future years defense program.

TANKER RECAPITALIZATION

The Air Force has revised its previous tanker recapitalization approach in favor of a reduced number of bridge aircraft and a more rapid transition to the Next Generation Air-Refueling System (NGAS). The Committee further notes that the fiscal year 2024 President's budget request for NGAS will fund an Analysis of Alternatives, the refinement of future requirements, and a develop-

ment schedule. The Committee is concerned by the potential risk to tanker availability during the recapitalization, due to the aging nature of legacy aircraft in the fleet and the uncertain delivery date of NGAS, and the Committee reemphasizes its support of competition throughout all phases of tanker recapitalization. Therefore, the Committee directs the Secretary of the Air Force to submit a report to the House and Senate Appropriations Committees, in coordination with the fiscal year 2025 President's budget request, that includes a detailed 10-year schedule for the recapitalization of the tanker fleet, planned tanker aircraft divestitures over that same period, and a risk assessment of a reduced bridge tanker procurement prior to the delivery of NGAS.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION,
SPACE FORCE

The Committee recommends the following appropriations for Research, Development, Test and Evaluation, Space Force:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
4 SPACE TECHNOLOGY	206,196	299,084	92,888
DAF requested transfer from line 48		72,888	
Program increase - L-band active phased array demonstration		3,000	
Program increase - small satellite chemical propulsion		3,000	
Program increase - advanced analog microelectronics		3,000	
Program increase - isotope power systems		3,000	
Program increase - hybrid space architecture		5,000	
Program increase - thin film tandem solar cells		3,000	
SPACE SCIENCE AND TECHNOLOGY RESEARCH AND			
5 DEVELOPMENT	472,493	467,022	-5,471
DAF requested transfer from RDTE,AF line 13		11,509	
Inadequate justification - other tranche 2 activities		-10,300	
Unjustified request - management services		-11,680	
Program increase - radiation-hardened, trusted, assured microelectronics		5,000	
SPACE ADVANCED TECHNOLOGY			
6 DEVELOPMENT/DEMO	110,033	148,233	38,200
DAF requested transfer from line 16 for space solar power project		40,000	
Inadequate justification - space solar power project		-15,000	
Underexecution		-9,800	
Program increase - commercial space access improvements		8,000	
Program increase - responsive launch infrastructure upgrade		5,000	
Program increase - additive manufacturing of energetics		5,000	
Program increase - hydrocarbon boost engine		5,000	
7 SPACE FORCE WEATHER SERVICES RESEARCH	849	849	0
SPACE FORCE IT, DATA ANALYTICS, DIGITAL			
8 SOLUTIONS	61,723	51,723	-10,000
Inadequate justification - digital engineering		-10,000	
NAVSTAR GLOBAL POSITIONING SYSTEM (USER			
9 EQUIPMENT) (SPACE)	353,807	353,807	0
10 SPACE WARFIGHTING ANALYSIS	95,541	95,541	0
11 EO/IR WEATHER SYSTEMS	95,615	95,615	0
SPACE TECHNOLOGY DEVELOPMENT AND			
13 PROTOTYPING	2,081,307	2,056,307	-25,000
Inadequate justification - other activities		-25,000	
16 SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	145,948	78,503	-67,445
Underexecution		-27,445	
DAF requested transfer to line 6 for space solar power project		-40,000	

R-1	Budget Request	Committee Recommended	Change from Request
17 SPACE CONTROL TECHNOLOGY Program increase - in-orbit electric propulsion	58,374	63,374 5,000	5,000
18 TECH TRANSITION (SPACE)	164,649	164,649	0
19 SPACE SECURITY AND DEFENSE PROGRAM	59,784	59,784	0
20 PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) Underexecution	76,554	72,809 -3,745	-3,745
21 PROTECTED TACTICAL SERVICE (PTS) Unjustified request - management services	360,126	355,826 -4,300	-4,300
22 EVOLVED STRATEGIC SATCOM (ESS)	632,833	632,833	0
23 SPACE RAPID CAPABILITIES OFFICE Program reduction - space solar power project	12,036	9,365 -2,671	-2,671
24 TACTICALLY RESPONSE SPACE Program increase	30,000	50,000 20,000	20,000
25 GPS III FOLLOW-ON (GPS IIIF)	308,999	308,999	0
27 COUNTERSPACE SYSTEMS Underexecution	36,537	32,159 -4,378	-4,378
28 WEATHER SYSTEM FOLLOW-ON Unjustified increase - management services	79,727	78,127 -1,600	-1,600
29 SPACE SITUATION AWARENESS SYSTEMS	372,827	372,827	0
30 ADVANCED EHF MILSATCOM (SPACE)	4,068	4,068	0
31 POLAR MILSATCOM (SPACE)	73,757	73,757	0
32 WIDEBAND GLOBAL SATCOM (SPACE) Underexecution	49,445	47,245 -2,200	-2,200
33 NEXT-GEN OPIR - GROUND Underexecution	661,367	638,267 -23,100	-23,100
34 NEXT GENERATION OPIR Underexecution	222,178	217,178 -5,000	-5,000
35 NEXT-GEN OPIR - GEO Unjustified increase - management services	719,731	715,466 -4,265	-4,265
36 NEXT-GEN OPIR - POLAR Unjustified increase - management services	1,013,478	1,010,213 -3,265	-3,265

R-1	Budget Request	Committee Recommended	Change from Request
37 COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	73,501	73,501	0
38 RESILIENT MISSILE WARNING MISSILE TRACKING - LOW EARTH ORBIT (LEO)	1,266,437	1,481,222	214,785
DAF requested transfer from line 40		252,785	
Inadequate justification		-38,000	
39 RESILIENT MISSILE WARNING MISSILE TRACKING - MEDIUM EARTH ORBIT (MEO)	538,208	790,992	252,784
DAF requested transfer from line 40		252,784	
40 RESILIENT MISSILE WARNING MISSILE TRACKING - INTEGRATED GROUND SEGMENT	505,569	0	-505,569
DAF requested transfer to line 38		-252,785	
DAF requested transfer to line 39		-252,784	
41 NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD	82,188	82,188	0
43 SPACE WARFIGHTING ANALYSIS	3,568	3,568	0
46 ACQ WORKFORCE - SPACE & MISSILE SYSTEMS	258,969	276,500	17,531
DAF requested transfer from line 48		17,531	
47 SPACE & MISSILE SYSTEMS CENTER - MHA	13,694	15,053	1,359
DAF requested transfer from line 48		1,359	
48 SPACE TECHNOLOGY	91,778	0	-91,778
DAF requested transfer to line 4		-72,888	
DAF requested transfer to line 46		-17,531	
DAF requested transfer to line 47		-1,359	
49 MAJOR T&E INVESTMENT - SPACE	146,797	141,597	-5,200
Underexecution		-5,200	
50 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	18,023	25,023	7,000
Program increase - state launched range services and capabilities		7,000	
52 SPACE TEST PROGRAM (STP)	30,192	30,192	0
55 FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	91,369	91,369	0
56 DCO-SPACE	76,003	76,003	0
57 NARROWBAND SATELLITE COMMUNICATIONS	230,785	221,335	-9,450
Inadequate justification - management services		-9,450	

R-1	Budget Request	Committee Recommended	Change from Request
58 SATELLITE CONTROL NETWORK (SPACE) Underexecution	86,465	79,665 -6,800	-6,800
59 LONG RANGE KILL CHAINS	243,036	243,036	0
61 SPACE AND MISSILE TEST AND EVALUATION CENTER	22,039	22,039	0
SPACE INNOVATION, INTEGRATION AND RAPID 62 TECHNOLOGY DEVELOPMENT Previously funded by P.L. 117-328 Section 8121	41,483	36,983 -4,500	-4,500
63 SPACELIFT RANGE SYSTEM (SPACE)	11,175	11,175	0
65 SPACE SUPERIORITY ISR	28,730	28,730	0
67 BALLISTIC MISSILE DEFENSE RADARS	20,752	20,752	0
68 NCMC - TW/AA SYSTEM	25,545	25,545	0
69 NUDET DETECTION SYSTEM (SPACE)	93,391	93,391	0
70 SPACE SITUATION AWARENESS OPERATIONS Program increase - commercial collaborative sensor network	264,966	267,966 3,000	3,000
GLOBAL POSITIONING SYSTEM III - OPERATIONAL 71 CONTROL SEGMENT Excess to need	317,309	271,909 -45,400	-45,400
75 ENTERPRISE GROUND SERVICES	155,825	155,825	0
76 JOINT TACTICAL GROUND SYSTEM	14,568	14,568	0
999 CLASSIFIED PROGRAMS Classified adjustment	5,764,667	5,586,861 -177,806	-177,806
SPACE COMMAND & CONTROL - SOFTWARE PILOT 78 PROGRAM	122,326	122,326	0
XX UNDISTRIBUTED Program decrease - civilian workforce	0	-3,800 -3,800	-3,800
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE	19,199,340	18,839,144	-360,196

SPACE FORCE ACQUISITION

The fiscal year 2024 President's budget request for the Space Force is \$30,197,634,000, an increase of \$3,907,806,000 or 15 percent over last year's enacted level, continuing a trend of double-digit growth over the past several years. The request also adds a total of \$16,080,860,000 through fiscal year 2027 compared to last year's projection over the same period.

However, despite these significant increases, the budget request continues to include serious shortfalls and disconnects. The Space Force does not fully fund several core programs in the five-year budget projection, including the Next Generation Overhead Persistent Infrared ground program known as FORGE, the Deep Space Advanced Radar Capability site 1, and Global Positioning System (GPS) User Equipment Increment 2. None of these programs are new, and all are core capabilities the Space Force says it must have. As such, the Committee expects that these programs, and any others in a similar situation, will be fully funded in the future years defense program submitted with the fiscal year 2025 budget request. Moreover, the Space Force should not count on continued double-digit topline budget increases to address future funding shortfalls or reduce acquisition risk.

In addition, the Committee remains very concerned about programs the Space Force has reported as its poorest performing acquisition programs, including the GPS Next Generation Operational Control Segment (OCX). According to the Government Accountability Office, the total cost for OCX has grown from \$4,005,000,000 to \$6,939,000,000, which is 73 percent growth over the original estimate. Further, OCX is nearly seven years late and not yet delivered. This is unacceptable and demands senior leader attention to ensure the program has the appropriate resources to complete OCX development and deliver the capability as soon as possible. The Committee remains concerned by other poor performing programs including Space Command and Control, Family of Advanced Beyond-line-of-site Terminals, Military GPS User Equipment Increment 1, and Enterprise Ground Services.

The Committee supports efforts by Space Force acquisition leaders to improve management rigor and accountability for delivering programs on schedule and within budget, and to pay particular attention to corrective actions on poorly performing programs. The Committee expects more frequent and timely updates on troubled programs and directs the Assistant Secretary of the Air Force for Space Acquisition and Integration to provide the House and Senate Appropriations Committees a detailed programmatic update at the beginning of each quarter of the fiscal year on the status of corrective actions for each of its poorest performing programs.

NUCLEAR COMMAND, CONTROL, AND COMMUNICATIONS

The Space Force fiscal year 2024 President's budget request proposes to cancel the third geosynchronous spacecraft (GEO-3) in the Next Generation Overhead Persistent Infrared (OPIR) program. The Next Generation OPIR program is a critical component of the Strategic Missile Warning and Nuclear Command, Control, and Communications (NC3) enterprise. The Committee is troubled by

the lack of analysis to support the proposal to cancel the GEO-3 spacecraft, especially given its importance to the NC3 mission. The Committee understands the Space Force is pivoting to more resilient, proliferated space architectures, and strongly supports those initiatives. Yet the Department of Defense has not addressed how these new architectures will meet the NC3 mission needs, and if not, how the NC3 mission needs will be met after the Next Generation OPIR program.

Therefore, the Committee directs the Commander, United States Strategic Command, as the lead for the NC3 Enterprise Center, in coordination with the Under Secretary of Defense for Acquisition and Sustainment, as the NC3 capability portfolio manager, and the Chief of Space Operations to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, with an analysis and assessment of the impacts to the NC3 mission of eliminating the GEO-3 spacecraft. The report shall also address the feasibility of modifying or tailoring the NC3 community's requirements and certification processes for future space systems that meets the needs and intent of the NC3 mission while taking into consideration the proliferation of spacecraft and diversity of orbits proposed in the Space Force's plans. The Committee directs that the Space Force may not obligate more than 90 percent of the fiscal year 2024 funds appropriated for the Resilient Missile Warning-Missile Tracking Medium-Earth Orbit program (PE 1206447SF) until the report is delivered to the congressional defense committees.

Further, the Committee directs the Secretary of the Air Force to continue to provide quarterly briefings on the status of its missile warning-related programs including both the Next Generation OPIR program and the Resilient Missile Warning-Missile Tracking program as an integrated set of programs.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

The Committee recommends the following appropriations for Research, Development, Test and Evaluation, Defense-Wide:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	DTRA BASIC RESEARCH	14,761	14,761	0
2	DEFENSE RESEARCH SCIENCES	311,531	311,531	0
3	HIGH ENERGY LASER RESEARCH INITIATIVES	16,329	16,329	0
4	BASIC RESEARCH INITIATIVES	71,783	71,783	0
5	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	50,430	50,430	0
6	NATIONAL DEFENSE EDUCATION PROGRAM	159,549	138,524	-21,025
	Program increase - STEM fellowships		3,000	
	Excess growth		-24,025	
7	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS	100,467	100,467	0
8	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	36,235	36,235	0
9	JOINT MUNITIONS TECHNOLOGY	19,157	17,241	-1,916
	Unclear S&T strategy		-1,916	
10	BIOMEDICAL TECHNOLOGY	141,081	114,525	-26,556
	Excess growth		-26,556	
11	PROMOTION AND PROTECTION STRATEGIES	3,219	0	-3,219
	Leverage efforts in line 54		-3,219	
12	DEFENSE TECHNOLOGY INNOVATION	55,160	3,560	-51,600
	Preserve coordination function and transfer execution/personnel to line 103		-51,600	
13	LINCOLN LABORATORY RESEARCH PROGRAM	46,858	42,172	-4,686
	Unclear S&T strategy		-4,686	
14	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES	66,866	64,466	-2,400
	Transfer to line 130 for digital community of interest tool development		-3,600	
	Transfer from line 42 for assessment integration		1,200	
15	INFORMATION & COMMUNICATIONS TECHNOLOGY	333,029	333,029	0
17	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	240,610	240,610	0
18	CYBER SECURITY RESEARCH	17,437	20,437	3,000
	Program increase - semiconductor supply chain cyber security research		3,000	
19	SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY	4,718	0	-4,718
	Program decrease - PREPARES		-4,718	
20	TACTICAL TECHNOLOGY	234,549	211,848	-22,701
	Excess growth		-22,701	

R-1		Budget Request	Committee Recommended	Change from Request
21	MATERIALS AND BIOLOGICAL TECHNOLOGY	344,986	344,986	0
22	ELECTRONICS TECHNOLOGY	572,662	572,662	0
	COUNTER WEAPONS OF MASS DESTRUCTION			
23	APPLIED RESEARCH	208,870	220,220	11,350
	Program increase - crowd sourced AI for detection		6,350	
	Program increase - advanced manufacturing of energetics		5,000	
	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH	11,168	11,168	0
24				
25	HIGH ENERGY LASER RESEARCH	48,804	48,804	0
26	FSRM MODELLING	2,000	0	-2,000
	No acquisition strategy - transfer to line 130		-2,000	
27	SOF TECHNOLOGY DEVELOPMENT	52,287	54,937	2,650
	Program increase - signature management improvements (SUAS)		2,650	
28	JOINT MUNITIONS ADVANCED TECHNOLOGY	37,706	39,883	2,177
	Unclear strategy		-2,823	
	Program increase - energetics acceleration		5,000	
29	NATIONAL SECURITY INNOVATION CAPITAL	15,085	0	-15,085
	Transfer to line 281		-15,085	
30	SO/LIC ADVANCED DEVELOPMENT	30,102	28,102	-2,000
	Transfer to line 130 for enterprise alignment		-2,000	
31	COMBATING TERRORISM TECHNOLOGY SUPPORT	75,593	163,093	87,500
	Program increase - anti-tunneling		47,500	
	Program increase - C-UAS development including directed energy and laser technology		40,000	
32	FOREIGN COMPARATIVE TESTING	27,078	27,078	0
	COUNTER WEAPONS OF MASS DESTRUCTION			
33	ADVANCED TECHNOLOGY DEVELOPMENT	400,947	400,947	0
	ADVANCED CONCEPTS AND PERFORMANCE			
34	ASSESSMENT	7,990	7,990	0
	ADVANCED CONCEPTS AND PERFORMANCE			
35	ASSESSMENT	17,825	24,325	6,500
	Program increase - quantum computing threat modeling		1,500	
	Program increase - long-lived power source for directed energy weapon missile defense satellite system		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
36	ADVANCED RESEARCH	21,461	52,961	31,500
	Program increase - hypersonic interceptor component technology		5,000	
	Program increase - benzoxazine for high-mach system thermal protection		5,000	
	Program increase - advanced directed energy optics design and manufacturing		7,000	
	Program increase - radiation hardened microelectronics testing facility		12,000	
	Program increase - advanced carbon materials for hypersonic applications		2,500	
	JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT & TRANSITION	52,292	52,292	0
37				
	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	19,567	19,567	0
38				
39	INTELLIGENCE ADVANCED DEVELOPMENT	10,000	10,000	0
40	ADVANCED AEROSPACE SYSTEMS	331,753	323,753	-8,000
	Program increase - artificial intelligence reinforcements		10,000	
	Excess growth		-18,000	
41	SPACE PROGRAMS AND TECHNOLOGY	134,809	118,809	-16,000
	Excess growth		-16,000	
42	ANALYTIC ASSESSMENTS	24,328	25,728	1,400
	Transfer to line 130 for data integration		-1,400	
	Transfer to line 14 for community of interest integration		-1,200	
	Program increase - strategic multilayer assessment		4,000	
43	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	55,626	55,626	0
44	QUANTUM APPLICATION	75,000	35,000	-40,000
	Transfer personnel/funds to line 103 to leverage broader industrial base		-40,000	
46	DEFENSE INNOVATION UNIT (DIU)	104,729	192,729	88,000
	Program increase - mission acceleration centers		65,000	
	Program increase - innovation with academia		15,000	
	Program increase - industrial foreign influence analysis		8,000	
47	TECHNOLOGY INNOVATION	123,837	123,837	0
48	ADVANCED TECHNICAL INTEGRATION	11,000	11,000	0
	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT	267,073	231,654	-35,419
49			-35,419	
50	RETRACT LARCH	57,401	57,401	0
51	JOINT ELECTRONIC ADVANCED TECHNOLOGY	19,793	16,824	-2,969
	Unclear strategy		-2,969	

R-1	Budget Request	Committee Recommended	Change from Request
53 NETWORKED COMMUNICATIONS CAPABILITIES	11,197	3,253	-7,944
Unjustified growth		-7,944	
DEFENSE-WIDE MANUFACTURING SCIENCE AND			
54 TECHNOLOGY PROGRAM	252,965	363,965	111,000
Program increase - data analytics and visualization		6,000	
Program increase - biotechnology manufacturing institutes		100,000	
Program increase - flexible hybrid electronics		5,000	
55 MANUFACTURING TECHNOLOGY PROGRAM	46,404	51,764	5,360
Program increase - artificial intelligence manufacturing		5,000	
Program increase - steel performance initiative		5,000	
Execution risk		-4,640	
GENERIC LOGISTICS R&D TECHNOLOGY			
56 DEMONSTRATIONS	16,580	13,991	-2,589
Leverage Joint SBIR/STTR		-2,589	
57 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	60,387	57,787	-2,600
Program decrease - sustaining natural infrastructure		-2,600	
MICROELECTRONICS TECHNOLOGY DEVELOPMENT			
58 AND SUPPORT	144,707	137,472	-7,235
Execution risk		-7,235	
59 JOINT WARFIGHTING PROGRAM	2,749	2,749	0
60 ADVANCED ELECTRONICS TECHNOLOGIES	254,033	104,033	-150,000
NGMM execution risk		-150,000	
COMMAND, CONTROL AND COMMUNICATIONS			
61 SYSTEMS	321,591	321,591	0
62 NETWORK-CENTRIC WARFARE TECHNOLOGY	885,425	885,425	0
63 SENSOR TECHNOLOGY	358,580	322,050	-36,530
Excess growth		-36,530	
65 SOFTWARE ENGINEERING INSTITUTE	16,699	16,699	0
66 DEFENSE INNOVATION ACCELERATION (DIA)	257,110	257,110	0
HIGH ENERGY LASER ADVANCED TECHNOLOGY			
67 PROGRAM	111,799	111,799	0
68 TEST & EVALUATION SCIENCE & TECHNOLOGY	345,384	337,652	-7,732
Unjustified growth		-22,732	
Program increase - enhanced hypersonic testing capabilities in collaboration with NASA		15,000	
69 AUKUS INNOVATION INITIATIVES	25,000	15,000	-10,000
Transfer to line 103 to leverage AUKUS non-traditional industrial base		-10,000	
70 NATIONAL SECURITY INNOVATION NETWORK	21,575	21,575	0

R-1	Budget Request	Committee Recommended	Change from Request
71 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	171,668	159,233	-12,435
Program decrease - vehicle hybridization and electrification		-34,800	
Excess growth		-5,635	
Program increase - high energy laser counter anti-ship cruise missile program thermal energy storage		10,000	
Program increase - radioisotope power systems		18,000	
72 SOF ADVANCED TECHNOLOGY DEVELOPMENT	156,097	170,097	14,000
Program increase - C-130J auto flight deck and remote mission systems		10,500	
Program increase - identity management		3,500	
NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY			
74 EQUIPMENT RDT&E ADC&P	76,764	42,503	-34,261
Excess growth		-34,261	
75 WALKOFF	143,486	143,486	0
ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM			
76	117,196	72,449	-44,747
Program decrease - sustaining natural infrastructure		-750	
Program decrease - cultural resource survey advanced technology		-1,100	
Program decrease - impacts of non-tactical vehicle electrification		-2,000	
Program decrease - sustainable technologies evaluation and demonstration program		-3,000	
Program decrease - tools to prioritize infrastructure projects		-7,500	
Excess growth - energy technology demonstration/validation		-8,185	
Excess growth - installation climate resilience technology demonstration/validation		-22,212	
77 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	220,311	220,311	0
BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE			
78 SEGMENT	903,633	886,798	-16,835
Excess growth		-12,785	
Early to need		-4,050	
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - DEM/VAL			
79	316,853	258,058	-58,795
Excess growth		-58,795	
80 BALLISTIC MISSILE DEFENSE SENSORS	239,159	239,159	0
81 BMD ENABLING PROGRAMS	597,720	596,913	-807
Poor justification		-807	
82 SPECIAL PROGRAMS - MDA	552,888	539,657	-13,231
Classified adjustment		-13,231	

R-1	Budget Request	Committee Recommended	Change from Request
83 AEGIS BMD	693,727	698,871	5,144
Excess growth		-4,856	
Program increase - lightweight, radiation-hardened, thermally-insensitive sensors		10,000	
BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND 84 COMMUNICATION	554,201	554,201	0
BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER 85 SUPPORT	48,248	48,248	0
MISSILE DEFENSE INTEGRATION & OPERATIONS 86 CENTER (MDIOC)	50,549	50,549	0
87 REGARDING TRENCH	12,564	12,564	0
88 SEA BASED X-BAND RADAR (SBX)	177,868	177,868	0
89 ISRAELI COOPERATIVE PROGRAMS	300,000	300,000	0
90 BALLISTIC MISSILE DEFENSE TEST	360,455	360,455	0
91 BALLISTIC MISSILE DEFENSE TARGETS	570,258	602,758	32,500
Program increase - advanced reactive target simulation		10,000	
Program increase - advanced target front end configuration technology maturation		5,000	
Program increase - leveraging commercial launch for targets and countermeasures		10,000	
Program increase - low cost liquid target demonstration		7,500	
92 COALITION WARFARE	12,103	9,903	-2,200
Transfer to line 103 to leverage broader domestic/coalition industrial base		-2,200	
NEXT GENERATION INFORMATION 93 COMMUNICATIONS TECHNOLOGY (5G)	179,278	124,278	-55,000
Transfer associated percent execution and personnel billets/funding to line 281		-55,000	
94 DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,185	3,185	0
95 GUAM DEFENSE DEVELOPMENT	397,578	397,578	0
96 TECHNOLOGY MATURATION INITIATIVES	0	6,000	6,000
Program increase - short pulse laser directed energy demonstration for hypersonic defense		6,000	
CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE 97 OFFICER (CDAO) - MIP	34,350	34,350	0
98 HYPERSONIC DEFENSE	208,997	233,997	25,000
Program increase - reusable hypersonic flight testing		25,000	
99 ADVANCED INNOVATIVE TECHNOLOGIES	1,085,826	1,099,026	13,200
Program increase - Project Pele		41,800	
Classified adjustment		-28,600	

R-1	Budget Request	Committee Recommended	Change from Request
100 TRUSTED & ASSURED MICROELECTRONICS	760,839	692,314	-68,525
Execution risk		-75,525	
Program increase - high voltage silicon carbide microelectronics		7,000	
101 RAPID PROTOTYPING PROGRAM	110,291	110,291	0
102 RAPID PROTOTYPING PROGRAM	9,880	9,880	0
103 DEFENSE INNOVATION UNIT (DIU) PROTOTYPING	0	190,550	190,550
Transfer associated percent execution and personnel billets/funding from line 12 - 5G Next		51,600	
Transfer associated percent execution and personnel billets/funding from line 44 - quantum		40,000	
Transfer associated percent execution and personnel billets/funding from line 106 - energy		42,000	
Transfer from line 92 to leverage broader domestic/coalition industrial base - international		2,200	
Transfer from line 69 to leverage AUKUS non-traditional industrial base - international		10,000	
Program increase - aircraft autonomy		14,750	
Program increase - advance rocket propulsion		20,000	
Program increase - additive manufacturing of undersea drones		10,000	
DEPARTMENT OF DEFENSE (DOD) UNMANNED			
104 SYSTEM COMMON DEVELOPMENT	2,643	2,643	0
105 CATAPULT INFORMATION SYSTEM	8,328	8,328	0
OPERATIONAL ENERGY CAPABILITY IMPROVEMENT -			
106 NON S&T	53,726	11,726	-42,000
Transfer percent execution and personnel to line 103 to leverage broader industrial base		-42,000	
WARGAMING AND SUPPORT FOR STRATEGIC			
108 ANALYSIS (SSA)	3,206	3,206	0
RAPID DEFENSE EXPERIMENTATION RESERVE			
109 (RDER)	79,773	79,773	0
JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION			
110 AND INTEROPERABILITY ASSESSMENTS	28,517	28,517	0
111 LONG RANGE DISCRIMINATION RADAR (LRDR)	103,517	103,517	0
112 IMPROVED HOMELAND DEFENSE INTERCEPTORS	2,130,838	2,130,838	0
113 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE	47,577	47,577	0
114 AEGIS BMD TEST	193,484	188,435	-5,049
Excess growth		-5,049	
115 BALLISTIC MISSILE DEFENSE SENSOR TEST	111,049	111,049	0
116 LAND-BASED SM-3 (LBSM3)	22,163	22,163	0

R-1	Budget Request	Committee Recommended	Change from Request
BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT			
117 TEST	41,824	41,824	0
118 SAFETY PROGRAM MANAGEMENT	2,484	2,484	0
119 CYBERCOM ACTIVITIES	65,484	65,484	0
120 ROBUST INFRASTRUCTURE AND ACCESS	170,182	135,482	-34,700
Unjustified growth		-34,700	
121 CYBER TRAINING ENVIRONMENT (CTE)	114,980	114,980	0
122 ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,156	2,156	0
123 CYBER SECURITY INITIATIVE	2,760	2,760	0
INTELLIGENCE CAPABILITIES AND INNOVATION			
124 INVESTMENTS	3,000	28,000	25,000
Transfer from line 1 in 0460D Operational Test and Evaluation		25,000	
CYBERSPACE OPERATIONS FORCES AND FORCE			
125 SUPPORT	2,669	2,669	0
126 OFFICE OF STRATEGIC CAPITAL (OSC)	99,000	99,000	0
BALLISTIC MISSILE DEFENSE SYSTEM SPACE			
129 PROGRAMS	109,483	110,483	1,000
Program increase - HBTSS		1,000	
CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE			
130 OFFICER (CDAO) - DEM/VAL ACTIVITIES	615,246	704,527	89,281
Program increase - management innovation pilot		50,000	
Program increase - all domain autonomous simulation		4,900	
Program increase - secure transit over untrusted networks		5,000	
Transfer from line 1 in 0460D Operational Test and Evaluation for enterprise digital alignment		5,000	
Transfer from line 14 for digital tool development		3,600	
Transfer from line 26 for enterprise digital alignment		2,000	
Transfer from line 30 for enterprise digital alignment		2,000	
Transfer from line 42 for enterprise digital alignment		1,400	
Transfer from line 133 for enterprise digital alignment		1,100	
Transfer from line 135 for enterprise digital alignment		4,000	
Transfer from line 142 for enterprise digital alignment		1,200	
Transfer from line 150 for enterprise digital alignment		3,868	
Transfer from line 159 for enterprise digital alignment		1,300	
Transfer from line 179 for enterprise digital alignment		1,600	
Transfer from line 184 for enterprise digital alignment		213	
Transfer from line 278 for enterprise digital alignment		2,100	
NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY			
131 EQUIPMENT RDT&E SDD	6,229	6,229	0

R-1	Budget Request	Committee Recommended	Change from Request
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM -			
132 EMD	382,977	308,850	-74,127
Execution risk		-74,127	
JOINT TACTICAL INFORMATION DISTRIBUTION			
133 SYSTEM (JTIDS)	9,775	8,675	-1,100
Transfer to line 130 for enterprise capability development		-1,100	
COUNTER WEAPONS OF MASS DESTRUCTION			
134 SYSTEMS DEVELOPMENT	14,414	14,414	0
135 INFORMATION TECHNOLOGY DEVELOPMENT	6,953	2,953	-4,000
Transfer to line 130 for enterprise solutions		-4,000	
136 HOMELAND PERSONNEL SECURITY INITIATIVE	9,292	6,192	-3,100
Insufficient justification		-3,100	
137 DEFENSE EXPORTABILITY PROGRAM	18,981	10,388	-8,593
Excess growth		-8,593	
138 OUSD(C) IT DEVELOPMENT INITIATIVES	5,456	5,456	0
DEFENSE AGENCY INITIATIVES (DAI) - FINANCIAL			
140 SYSTEM	32,629	25,829	-6,800
Excess growth		-6,800	
MISSION ASSURANCE RISK MANAGEMENT SYSTEM			
141 (MARMS)	9,316	9,316	0
DEFENSE-WIDE ELECTRONIC PROCUREMENT			
142 CAPABILITIES	6,899	5,699	-1,200
Transfer to line 130 for digital enterprise alignment		-1,200	
143 TRUSTED & ASSURED MICROELECTRONICS	247,586	209,034	-38,552
Execution risk		-38,552	
NUCLEAR COMMAND, CONTROL, &			
145 COMMUNICATIONS	4,110	4,110	0
DOD ENTERPRISE ENERGY INFORMATION			
146 MANAGEMENT (EEIM)	8,159	8,159	0
CWMD SYSTEMS: SYSTEM DEVELOPMENT AND			
147 DEMONSTRATION	14,471	14,471	0
DOMESTIC PREPAREDNESS AGAINST WEAPONS OF			
148 MASS DESTRUCTION	3,770	0	-3,770
Insufficient justification		-3,770	
149 JOINT CAPABILITY EXPERIMENTATION	12,402	12,402	0
150 DEFENSE READINESS REPORTING SYSTEM (DRRS)	12,746	8,878	-3,868
Transfer to line 130 for enterprise digital alignment		-3,868	
151 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	8,426	8,426	0

R-1	Budget Request	Committee Recommended	Change from Request
CENTRAL TEST AND EVALUATION INVESTMENT			
152 DEVELOPMENT (CTEIP)	833,792	923,792	90,000
Program increase - hypersonic test facility		90,000	
153 ASSESSMENTS AND EVALUATIONS	5,810	5,810	0
154 MISSION SUPPORT	99,090	93,819	-5,271
Excess growth		-5,271	
JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	187,421	187,421	0
JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO)	61,477	61,477	0
157 CLASSIFIED PROGRAM USD(P)	0	168,532	168,532
Program increase - classified adjustment		168,532	
158 SYSTEMS ENGINEERING	39,949	30,749	-9,200
Excess growth		-9,200	
159 STUDIES AND ANALYSIS SUPPORT - OSD	6,292	4,992	-1,300
Transfer to line 130 for enterprise digital alignment		-1,300	
160 NUCLEAR MATTERS-PHYSICAL SECURITY	21,043	15,400	-5,643
Excess growth		-5,643	
SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	10,504	10,504	0
162 GENERAL SUPPORT TO OUSD (INTELLIGENCE AND SECURITY)	2,980	2,980	0
163 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	74,382	74,382	0
171 MAINTAINING TECHNOLOGY ADVANTAGE	38,923	38,923	0
172 DEFENSE TECHNOLOGY ANALYSIS	60,404	54,364	-6,040
Unclear strategy and metrics		-6,040	
173 DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	65,715	65,715	0
R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION	26,037	26,037	0
174			
175 DEVELOPMENT TEST AND EVALUATION	37,353	37,353	0
176 MANAGEMENT HQ - R&D	14,833	14,833	0
MANAGEMENT HQ - DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	3,752	3,752	0
177			
178 SPECIAL ACTIVITIES	18,088	18,088	0
179 BUDGET AND PROGRAM ASSESSMENTS	14,427	12,827	-1,600
Transfer to line 130 for enterprise digital alignment		-1,600	

R-1	Budget Request	Committee Recommended	Change from Request
180 ANALYSIS WORKING GROUP (AWG) SUPPORT	4,200	4,200	0
CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE			
181 OFFICER (CDAO) ACTIVITIES	17,247	13,447	-3,800
Excess growth		-3,800	
182 ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,386	1,786	-1,600
Leverage community of interest in line 14		-1,600	
183 DEFENSE SCIENCE BOARD	2,352	2,352	0
184 AVIATION SAFETY TECHNOLOGIES	213	0	-213
Transfer to line 130 for enterprise digital alignment		-213	
186 CYBER RESILIENCY AND CYBERSECURITY POLICY	45,194	45,194	0
MANAGEMENT, TECHNICAL & INTERNATIONAL			
187 SUPPORT	11,919	11,919	0
188 DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,112	3,112	0
189 JOINT STAFF ANALYTICAL SUPPORT	4,916	3,316	-1,600
Excess growth		-1,600	
190 C4I INTEROPERABILITY	66,152	66,152	0
195 COMBINED ADVANCED APPLICATIONS	5,366	5,366	0
DISTRIBUTED COMMON GROUND/SURFACE			
197 SYSTEMS	3,069	3,069	0
COCOM EXERCISE ENGAGEMENT AND TRAINING			
199 TRANSFORMATION (CE2T2) - NON-MHA	101,319	95,019	-6,300
No JLVC acquisition strategy		-6,300	
DEFENSE EQUAL OPPORTUNITY MANAGEMENT			
200 INSTITUTE (DEOMI)	740	740	0
201 MANAGEMENT HQ - MDA	28,363	25,363	-3,000
Program decrease - civilian workforce		-3,000	
202 JOINT SERVICE PROVIDER (JSP)	5,177	5,177	0
203 ENTERPRISE SECURITY SYSTEM (ESS)	42,482	42,482	0
INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT			
205 SUPPORT	1,017,141	1,081,441	64,300
Program increase - ruggedized transceivers		10,000	
Program increase - domestic nickel superalloy castings		4,000	
Program increase - freeze-dried plasma		7,800	
Program increase - advanced thermoplastics demonstration		10,000	
Program Increase - domestic organic light emitting diode microdisplay manufacturing		24,500	
Program Increase - 3D printing technology		3,000	
Program Increase - securing rare earth		5,000	

R-1	Budget Request	Committee Recommended	Change from Request
COUNTERPROLIFERATION SPECIAL PROJECTS:			
206 OPERATIONAL SYSTEMS DEVELOPMENT	12,713	12,713	0
GLOBAL THEATER SECURITY COOPERATION			
207 MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS)	8,503	8,503	0
CHEMICAL AND BIOLOGICAL DEFENSE			
208 (OPERATIONAL SYSTEMS DEVELOPMENT)	80,495	67,162	-13,333
Excess growth		-13,333	
209 CYBER COMMAND AND CONTROL (CYBER C2)	95,733	95,733	0
210 DATA AND UNIFIED PLATFORM (D&UP)	138,558	138,558	0
DEFENSE INFO INFRASTRUCTURE ENGINEERING			
214 AND INTEGRATION	19,299	19,299	0
215 LONG-HAUL COMMUNICATIONS - DCS	37,726	37,726	0
MINIMUM ESSENTIAL EMERGENCY			
216 COMMUNICATIONS NETWORK (MEECN)	5,037	5,037	0
218 INFORMATION SYSTEMS SECURITY PROGRAM	97,171	84,171	-13,000
Excess growth		-53,000	
Program increase - centers for academic excellence		25,000	
Program increase - cyber institutes at senior military colleges		15,000	
220 INFORMATION SYSTEMS SECURITY PROGRAM	8,351	5,853	-2,498
Automation technical integration and engineering in cyberspace late contract award		-2,498	
222 DEFENSE SPECTRUM ORGANIZATION	35,995	25,995	-10,000
EMBM contract delays		-10,000	
223 JOINT PLANNING AND EXECUTION SERVICES	5,677	5,677	0
224 JOINT REGIONAL SECURITY STACKS (JRSS)	3,196	3,196	0
DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY			
228 INITIATIVE	25,655	25,655	0
232 INDUSTRIAL SECURITY ACTIVITIES	2,134	2,134	0
235 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	2,295	2,295	0
236 COMBINED ADVANCED APPLICATIONS	52,736	52,736	0
239 POLICY R&D PROGRAMS	6,263	6,263	0
240 NET CENTRICITY	23,275	17,605	-5,670
Excess growth		-5,670	
242 DISTRIBUTED COMMON GROUND/SURFACE	6,214	6,214	0

R-1	Budget Request	Committee Recommended	Change from Request
249 INSIDER THREAT	2,971	12,971	10,000
Program increase - credibility assessment modernization		10,000	
HOMELAND DEFENSE TECHNOLOGY TRANSFER			
250 PROGRAM	1,879	7,269	5,390
Program Increase - dual advanced use trauma system		5,390	
257 CYBER OPERATIONS TECHNOLOGY SUPPORT	469,385	469,385	0
DOMESTIC PREPAREDNESS AGAINST WEAPONS OF			
261 MASS DESTRUCTION	1,760	1,760	0
262 LOGISTICS SUPPORT ACTIVITIES	1,420	1,420	0
264 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	3,249	3,249	0
265 MQ-9 UAV	37,188	92,188	55,000
Program increase - Adaptive Airborne Enterprise UPL		55,000	
267 AVIATION SYSTEMS	216,174	216,174	0
268 INTELLIGENCE SYSTEMS DEVELOPMENT	86,737	111,737	25,000
Program increase - MTUAS		25,000	
269 OPERATIONAL ENHANCEMENTS	216,135	241,135	25,000
Program increase - loitering munitions		15,000	
Program increase - non-kinetic targeting and signature management		10,000	
270 WARRIOR SYSTEMS	263,374	294,874	31,500
Classified adjustment		-16,000	
Program increase - CUAS group 3 defeat acceleration UPL		5,000	
Program increase - passive radar for air defense and counter unmanned aerial systems		3,500	
Program increase - SPEAR body armor		5,000	
Program increase - stand-off precision guided munitions		24,000	
Program increase - blast exposure monitoring		10,000	
271 SPECIAL PROGRAMS	529	529	0
272 UNMANNED ISR	6,727	6,727	0
273 SOF TACTICAL VEHICLES	9,335	9,335	0
274 MARITIME SYSTEMS	158,231	158,231	0
275 OPERATIONAL ENHANCEMENTS INTELLIGENCE	15,749	15,749	0
ACQUISITION VISIBILITY - SOFTWARE PILOT			
278 PROGRAM	21,355	19,255	-2,100
Transfer to line 130 for enterprise digital alignment		-2,100	
279 GLOBAL COMMAND AND CONTROL SYSTEM	33,166	33,166	0

R-1	Budget Request	Committee Recommended	Change from Request
281 DEFENSE INNOVATION UNIT (DIU) FIELDING	0	649,785	649,785
Program increase - DIU and service Non-traditional Innovation Fielding Enterprise		134,000	
Program increase - support to combatant commands		220,000	
Program increase - AI for ISR data and analysis		9,800	
Program increase - AI development tools		8,000	
Program increase - AI for ISR drones		10,000	
Program increase - modeling and simulation for autonomy		4,900	
Program increase - digital engineering		13,000	
Program increase - drones for multi-domain awareness		50,000	
Program increase - automated cybersecurity testing		2,000	
Program increase - autonomous VTOL air logistics		23,000	
Program increase - autonomous amphibious vehicle		5,000	
Transfer from line 29		15,085	
Transfer associated percent execution and personnel billets/funding from line 93 - 5G Deployment		55,000	
Transfer from P,DW line 2 CsUAS		100,000	
999 CLASSIFIED PROGRAMS	8,463,742	8,400,142	-63,600
Classified adjustment		-63,600	
999 CLASSIFIED PROGRAMS	36,315	36,315	0
999 CLASSIFIED PROGRAMS	270,653	265,153	-5,500
Classified adjustment		-5,500	
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE	36,085,834	36,782,566	696,732

PEOPLE: THE NON-TRADITIONAL INNOVATION FIELDING ENTERPRISE

The Committee commends the Secretary of Defense on the announcement of a new Director of the Defense Innovation Unit (DIU) and elevation of the role reporting directly to the Secretary. Given mounting global security risks, the Department must do more to mobilize a broader industrial base. This DIU transition provides a timely milestone to deliberately create a hedge portfolio to these risks and focus and enable organizations capable of executing that hedge strategy. This portfolio is a hedge against growing and innate tactical and logistical risks to current weapon systems, as well as a hedge against industrial base risk, given lack of capacity and diversity. The development of non-traditional sources and non-traditional solutions are essential to this hedge, and it will require intentionally taking calculated risks to incentivize positive deliberate accelerated change. If properly executed, this hedge has the potential to reduce the taxpayer's burden by leveraging private capital, expand America's economic advantage by accelerating emerging technology, and broaden the pool of talent supporting national defense.

Therefore, the Committee directs the Service Secretaries to provide a brief to the congressional defense committees, not later than 60 days after the enactment of this Act, identifying one Service-level Non-traditional Innovation Fielding Enterprise (NIFE) lead, per Service, with proven competence in partnering with non-traditional industry and investors, and provide a plan that ensures the Service NIFE has proper leadership, multi-disciplinary and high performing staff, funding, authorities, reporting, and consolidated structures to avoid dilution of effort and confusion among stakeholders. Further, the Committee directs the DIU Director to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act. The report shall detail the organize, train, and equip support for DIU, to include staffing, hiring speed, physical and digital infrastructure, functional support, authorities, security, budgeting processes, and any other information deemed relevant. Further, the Committee directs the DIU Director to submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, providing similar details on the support for each Service NIFE.

PORTFOLIO: DEFINING AND RESOURCING A HEDGE

The Committee recommendation includes \$1,033,064,000, approximately one tenth of one percent of the fiscal year 2024 President's budget request, to begin deliberately fielding a hedge portfolio within one to three years. This hedge portfolio of many smart, affordable, modular, and sustainable systems could include, but is not limited to, low-cost, light-logistics multi-domain drones, satellites, and munitions; agile communications, compute, and sensor nodes; and artificial intelligence agents and users. It could create asymmetric advantage to support combatant command operational challenges like contested logistics, electronic warfare, resilient communications, Joint All-Domain Command and Control, and weapon and platform capacity. The Committee directs execution of these funds by the Defense Innovation Unit (DIU), supported by Service

Non-traditional Innovation Fielding Enterprises (NIFEs), and in cooperation with the Joint Staff and combatant commands. These funds should mature fielding models like Task Force 59 and propagate acquisition models like AFWERX Prime to the joint community, accelerating military relevant technologies with external capital and talent by using the Department's unique ability to reduce technical, regulatory, and financial risks in emerging technology sectors. Collaboration might be facilitated through an advisory board composed of those organizations as well as the Chief Digital and Artificial Intelligence Officer and the Director of the Office of Strategic Capital. Participation by Service laboratories and program executive offices is encouraged, and those organizations could compete for funding through the Service NIFE. Service funding execution targets should align to overall Service budget percentages, and projects should be focused on novel concepts of employment in support of the Joint Warfighting Concept.

Further, the Committee directs the DIU Director, in coordination with the Joint Staff and Service NIFEs, to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act. The report shall include an acquisition strategy and spend plan to field a hedge portfolio with ten candidate projects to the combatant commands, supported by service NIFEs. It shall also identify cost, schedule, performance, risk, and other potential authorities needed to accelerate fielding in one to three years.

PROCESSES: SPEED, NEXUS, AND AGILE REQUIREMENTS

With a focus on speed, the Non-traditional Innovation Fielding Enterprise (NIFE) will bring together the nexus of best practices identified in the last several years of defense innovation. These designated Nexus fielding projects will begin with a problem statement and will iteratively mature requirements while developing software and hardware for fielding at scale within three years using small teams of warfighters, acquirers, and technologists. Some of these projects will come from Service and Joint Staff collaboration to compete for funding. Additionally, the Committee recommends \$220,000,000 for the Defense Innovation Unit (DIU) to provide direct support to the combatant commands to accelerate fielding of capabilities from this hedge portfolio. In many instances early, yet operationally relevant, versions of this portfolio can be rapidly adopted for use by a combatant command, potentially by using service contracts. This approach could allow accelerated and agile requirements development, simultaneously driving concept innovation with technology innovation. It enables a structure for software and hardware acquisition refresh rates for deterrence in peacetime, but more importantly it builds the right team for rapid refresh rates that outpace the adversary in wartime. An agile approach of experiment, exercise, and deploy low-rate production, potentially as a service, allows developers refining the technology to work beside the operators refining the doctrine, organization, training, materiel, leadership, personnel, facilities, and policies for accelerated adoption. Finally, this model expedites acquisition decision cycles with earlier insights into cost, capability, and capacity, which is often difficult for emerging technologies.

In addition to any reports required by section 8056 of this Act, the Committee directs the DIU Director to submit a quarterly report for ongoing and new projects including project descriptions; milestones; risks; obligations and expenditures; planned acquisition and transition strategy; Service, combatant command, and inter-agency involvement; program estimated annual and total cost; current and future cost sharing options with other government organizations, investors, or industry; opportunities for building international partner capacity; and intended impact to United States and adversary operations plans with supporting operations analysis.

PRACTICES: FLEXIBILITY AND ACCOUNTABILITY

The metric for success is speed to fielding affordable, operationally relevant capability. Increased warfighter flexibility and better congressional oversight are possible using modern business practices. Of the recommended Defense Innovation Unit (DIU) funding, \$649,785,000 is allocated to budget activity eight, the Software and Digital Technology Pilot, detailed in this Act for agile research, development, test and evaluation, procurement, production, modification, and operation and maintenance. To minimize the reporting burden, optimize insights, and accelerate decisions, the Committee directs the Chief Digital and Artificial Intelligence Officer (CDAO), in coordination with the DIU Director, to submit a report to the congressional defense committees, not later than 60 days after the enactment of this Act, on a development, data, and deployment strategy of an appropriately secure web interface that can provide access to data described for DIU project reporting to the congressional defense committees. It will also have a modern workflow interface for rapid approval and archiving of decisions. Further, the effort will explore continuous metadata tagging for decisions and transactions to provide more timely and granular insights into the execution of budget activity eight funding to properly assess the value of expanding its use. The recommendation includes a program increase of \$50,000,000 to CDAO in support of this management innovation pilot and other activities. The Committee directs the CDAO, in coordination with the DIU Director, to submit a report to the congressional defense committees not later than one year after the enactment of this Act. The report shall include progress on data sharing, metrics on the use of budget activity eight, recommendations on data interfaces, needed resources, and potential further use of budget activity eight.

DIGITAL TRANSFORMATION

The Committee applauds the Department of Defense's establishment of the Chief Digital and Artificial Intelligence Office (CDAO) to create the foundation for analytics, data, and AI-enabled capabilities to be developed and fielded at scale. In many instances, the Committee recommends transfers to help drive a more integrated development of enterprise solutions. The Committee looks forward to seeing broad collaboration with CDAO across the Department to help accelerate digital transformation. However, unclear roles and responsibilities are a potential risk to this success. Therefore, the Committee directs the Chief Digital and Artificial Intelligence Offi-

cer, in coordination with the Undersecretary of Defense for Acquisition and Sustainment, the Undersecretary of Defense for Research and Engineering, the Undersecretary of Defense (Comptroller), the Chief Information Officer, the Director of Operational Test and Evaluation, and the Director of the Defense Innovation Unit, to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act. The report shall detail delineations and coordination to facilitate efficiency and expedited adoption of Joint All-Domain Command and Control, advanced digital business practices, due diligence for foreign influence among industry and academia seeking or receiving Department funding, metrics tracking to accelerate funding apportionment and distribution, analytics to support operations and investment decisions, and digital engineering and testing.

Further, the Committee directs the Chief Information Officer to submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, detailing opportunities to streamline the Authority to Operate process to accelerate secure adoption of advance software.

Finally, the Committee directs the Service Chiefs, in coordination with the Federal Aviation Administrator, to submit a report, not later than 120 days after the enactment of this Act, on a collaborative path to digital airworthiness and aircraft certification, as well as opportunities for resource sharing and reciprocity to create government efficiencies and accelerated safe adoption of advanced aircraft using digital practices.

DIGITAL TOOLS FOR SCIENCE AND TECHNOLOGY INVESTMENT

The Committee is grateful for the leadership provided by the Under Secretary of Defense for Research and Engineering. The establishment of the Rapid Defense Experimentation Reserve and the Pilot Program to Accelerate the Procurement and Fielding of Innovative Technologies have been key drivers in advancing warfighting capabilities. While there have been great strides, opportunities remain to more effectively harness data and digital infrastructure to support defense science and technology (S&T) investment and drive rapid transition. Over the last several years there have been key trends that have broadened the number of participants in defense S&T. Commercial technologies with military applications have become widely available, and the Committee appreciates the efforts to put non-traditional companies on contract more rapidly.

The result is a vast pool of technologies and technology providers, as well as many more warfighters directly engaged in technology adoption. The challenge is that in a very short time, the number of participants in the Department's S&T activities has quickly grown. It was once easily managed by a small number of participants in a more hierarchical structure with the Service labs and the Office of the Secretary of Defense, but it has quickly expanded to include anyone in the Department who wants to start an innovation project and any start-up with a small business contract. Unfortunately, adoption of digital tools to harness the energy of this broad pool of innovation has not kept up, undermining transition of the highest impact capabilities.

Therefore, the Committee directs the Under Secretary of Defense for Research and Engineering, in coordination with the Chief Data and Artificial Intelligence Officer and the Director of the Defense Innovation Unit, to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act. The report shall address cost, schedule, performance, and risk in developing and adopting a digital environment across the Department, at multiple classification levels, to identify and categorize defense technologies, technologists, acquirers, users, and companies in a way that minimizes redundant investment and maximizes collaboration for accelerated fielding.

OFFICE OF STRATEGIC CAPITAL

The Committee commends the Secretary of Defense on the announcement of the new Office of Strategic Capital. It is essential that the United States deliberately expand the tools to effectively compete in the current global technology race. To that end, the Committee directs the Secretary of Defense, in coordination with the heads of other federal agencies, to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act. The report shall address the successes since the establishment of the office, opportunities for additional strategic capital tools, and other needed resources or authorities that could drive greater impact.

ADVANCED AIR MOBILITY

Advanced Air Mobility represents a critical sector in technological competition as it accelerates key capabilities in autonomy, advanced manufacturing, and novel propulsion. The Committee congratulates the Department of Defense on last year's notable milestones in each Service in Advanced Air Mobility, but there is still risk of losing a competitive advantage in this sector. Therefore, the Committee directs the Secretary of Defense, in coordination with the Secretary of Transportation, the Federal Aviation Administrator, and the Service Secretaries to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act. The report shall address opportunities for joint and interagency collaboration to bolster the Advanced Air Mobility industrial base and accelerate fielding to support warfighting needs. The report shall describe efforts to ensure closer interagency collaboration on airworthiness, pilot, and safety standards; the potential for developing modular cargo standards for improved logistics interoperability; and alterations to Department of Defense Directive 4500.56 to create opportunities for early fielding and broad use of these aircraft in the National Capitol Region for logistics efficiencies.

MICROREACTORS FOR NATURAL DISASTER RESPONSE EFFORTS

The Committee encourages the Under Secretary of Defense for Research and Engineering to coordinate with the Under Secretary, Office of Strategy, Policy, and Plans of the Department of Homeland Security, and the Under Secretary of Energy for Infrastructure to develop a national strategy to utilize nuclear microreactors

currently under development by the Department of Defense for natural disaster response efforts.

PER- AND POLYFLUOROALKYL SUBSTANCES

The Committee recognizes that widely used Per- and Polyfluoroalkyl Substances (PFAS) chemicals are the cause of significant health, environment, and safety concerns. However, the Committee recognizes the uses of PFAS in a range of materials that are components of weapons, communication, and aerospace systems. One such example is microelectronics, which currently require PFAS chemicals in the manufacturing process. The Committee is concerned there are no alternative sources, and directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, based on its PFAS critical uses report, to coordinate with relevant agencies, industry, and academia to research alternatives to these critical PFAS uses and submit that report. The plan shall include a scientific evaluation and review of key technical standards for PFAS critical materials to ensure that the standards are effective, accurately represent the desired performance outcomes, and ensure that viable PFAS-free alternatives are not artificially excluded. The Committee also encourages the Secretary of Defense to commission a study from the National Academies on PFAS essential uses and alternatives.

BIOTECHNOLOGY MANUFACTURING INSTITUTES

The Committee recognizes potential opportunities to mitigate supply chain risks and to create affordable and novel new materials by using biomanufacturing. The Committee continues to support the development of a network of bioindustrial manufacturing facilities to conduct research and development to improve the ability of the industrial base to assess, validate, and scale new, innovative bioindustrial manufacturing processes for the production of chemicals, materials, and other products necessary to support national security, such as melanin used for hypersonics heat shielding. The Committee recommendation includes \$100,000,000 for the Biotechnology Manufacturing Institutes and expects these efforts to be focused on warfighter needs and the defense industrial base. The Committee directs the Under Secretary of Defense for Research and Engineering to provide a briefing on this effort to the congressional defense committees not later than 120 days after the enactment of this Act. The brief shall contain details on the biomanufacturing strategic plan, a list of defense-specific technologies being targeted and addressed, and a complete funding profile of the effort. Additionally, the Committee directs the Under Secretary of Defense for Research and Engineering to submit a spend plan to the House and Senate Appropriations Committees not later than 30 days prior to obligation of these funds.

ALTERNATIVE BATTERY CHEMISTRY

The Committee is concerned by the dependence on offshore sources for batteries and battery raw materials. While potential alternatives, such as lithium-sulfur, exist, it is not clear there is suf-

efficient effort to reduce the growing risk to this critical supply chain. Therefore, the Committee directs the Deputy Secretary of Defense to provide a brief to the congressional defense committees, not later than 120 days after the enactment of this Act, on potential alternatives or advanced battery chemistries to address strategic vulnerabilities, an assessment of the security risk associated with the sourcing of raw and processed materials from outside the United States, and a Department-wide plan to address these vulnerabilities.

OPERATIONAL TEST AND EVALUATION, DEFENSE

The Committee recommends the following appropriations for Operational Test and Evaluation, Defense:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATIONAL TEST AND EVALUATION	169,544	139,544	— 30,000
Transfer to RDTE,DW line 124		— 25,000	
Transfer to RDTE,DW line 130		— 5,000	
LIVE FIRE TESTING	103,252	103,252	0
OPERATIONAL TEST ACTIVITIES AND ANALYSIS	58,693	42,648	— 16,045
Inadequate justification		— 16,045	
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE	331,489	285,444	— 46,045

TITLE V
REVOLVING AND MANAGEMENT FUNDS
DEFENSE WORKING CAPITAL FUNDS

The Committee recommends the following appropriations for the
Defense Working Capital Funds accounts:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY	29,213	29,213	0
WORKING CAPITAL FUND, AIR FORCE	83,587	83,587	0
WORKING CAPITAL FUND, DEFENSE-WIDE	114,667	106,367	— 8,300
Unjustified request		— 8,300	
DEFENSE WORKING CAPITAL FUND, DECA	1,447,612	1,447,612	0
TOTAL, DEFENSE WORKING CAPITAL FUNDS	1,675,079	1,666,779	— 8,300

NATIONAL DEFENSE STOCKPILE TRANSACTION FUND

The Committee recommends an appropriation of \$7,629,000 for
the National Defense Stockpile Transaction Fund.

TITLE VI
OTHER DEPARTMENT OF DEFENSE PROGRAMS
DEFENSE HEALTH PROGRAM

The Committee recommends the following appropriations for the Defense Health Program:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

	Budget Request	Committee Recommendation	Change from Request
OPERATION AND MAINTENANCE			
IN-HOUSE CARE	10,044,342	9,965,353	-78,989
Baseline adjustment		-93,989	
Program increase - telehealth for military children and families		15,000	
PRIVATE SECTOR CARE	19,893,028	19,762,352	-130,676
Baseline adjustment		-105,525	
Unjustified growth		-25,151	
CONSOLIDATED HEALTH SUPPORT	2,007,012	2,026,994	19,982
Baseline adjustment		-6,018	
Program increase - therapeutic service dog training program		16,000	
Program increase - substance use disorder program and pilot		3,000	
Program increase - outdoor recreation and education activities		7,000	
INFORMATION MANAGEMENT	2,327,816	2,298,337	-29,479
Unjustified growth		-29,479	
MANAGEMENT ACTIVITIES	347,446	347,446	0
EDUCATION AND TRAINING	336,111	338,611	2,500
Program increase - specialized medical pilot program		2,500	
BASE OPERATIONS AND COMMUNICATIONS	2,144,551	2,087,650	-56,901
Baseline adjustment		-55,500	
Unjustified growth		-1,401	
TOTAL, OPERATION AND MAINTENANCE	37,100,306	36,826,743	-273,563
PROCUREMENT			
TOTAL, PROCUREMENT	381,881	381,881	0

	Budget Request	Committee Recommendation	Change from Request
RESEARCH AND DEVELOPMENT			
Program increase - vector borne health protection		5,000	
Program increase - individual occupational and environmental exposure monitoring		12,000	
Program increase - joint civilian-medical surge facility		28,480	
Program increase - joint civilian-medical surge pilot		5,000	
Program increase - data management and governance		15,000	
Program increase - combatting multi-drug resistant wound infection		5,595	
Peer-reviewed alcohol and substance use disorders research		4,000	
Peer-reviewed ALS research		40,000	
Peer-reviewed Alzheimer's research		15,000	
Peer-reviewed arthritis research		10,000	
Peer-reviewed autism research		15,000	
Peer-reviewed bone marrow failure disease research		7,500	
Peer-reviewed breast cancer research		150,000	
Peer-reviewed cancer research		130,000	
Peer-reviewed Duchenne muscular dystrophy research		10,000	
Peer-reviewed hearing restoration research		5,000	
Peer-reviewed kidney cancer research		50,000	
Peer-reviewed lung cancer research		25,000	
Peer-reviewed lupus research		10,000	
Peer-reviewed melanoma research		40,000	
Peer-reviewed military burn research		10,000	
Peer-reviewed multiple sclerosis research		20,000	
Peer-reviewed neurofibromatosis research		25,000	
Peer-reviewed orthopedic research		30,000	
Peer-reviewed ovarian cancer research		45,000	
Peer-reviewed pancreatic cancer research		15,000	
Peer-reviewed Parkinson's research		16,000	
Peer-reviewed prostate cancer research		110,000	
Peer-reviewed rare cancers research		17,500	
Peer-reviewed reconstructive transplant research		12,000	
Peer-reviewed spinal cord research		40,000	
Peer-reviewed tickborne disease research		7,000	
Peer-reviewed toxic exposures research		30,000	
Peer-reviewed traumatic brain injury and psychological health research		175,000	
Peer-reviewed tuberous sclerosis complex research		8,000	
Peer-reviewed vision research		20,000	
Global HIV/AIDS prevention		12,000	
HIV/AIDS program increase		20,000	
Joint warfighter medical research		20,000	
Trauma clinical research program		5,000	
Combat readiness medical research		5,000	
TOTAL, RESEARCH AND DEVELOPMENT	931,773	2,156,848	1,225,075
TOTAL, DEFENSE HEALTH PROGRAM	38,413,960	39,365,472	951,512

REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

The Act includes a provision which caps the funds available for Private Sector Care under the TRICARE program subject to prior approval reprogramming procedures. The provision and accompanying report language should not be interpreted as limiting the amount of funds that may be transferred to the In-House Care budget sub-activity from other budget sub-activities within the Defense Health Program. In addition, funding for the In-House Care and Private Sector Care budget sub-activities are designated as congressional special interest items. Any transfer of funds in excess of \$10,000,000 into or out of these sub-activities requires the Secretary of Defense to follow prior approval reprogramming procedures for operation and maintenance funds.

The Committee directs the Secretary of Defense to provide written notification to the congressional defense committees of cumulative transfers in excess of \$10,000,000 out of the Private Sector Care budget sub-activity not later than 15 days after such a transfer. Furthermore, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than 30 days after the enactment of this Act, that delineates transfers of funds, and the dates any transfers occurred, from the Private Sector Care budget sub-activity to any other budget sub-activity.

Additionally, the Committee is increasingly concerned by the repurposing of Facilities Sustainment, Restoration and Modernization (FSRM) funding throughout the fiscal year. Deferring FSRM projects in favor of more immediate needs of the Defense Health Program may seem prudent at the time but comes with costly, severe, and enduring ramifications for servicemembers and beneficiaries. For this reason, the Committee directs the Secretary of Defense to provide written notification to the congressional defense committees of cumulative transfers in excess of \$10,000,000 out of the Base Operations and Communications budget sub-activity not later than 15 days after such a transfer.

The Committee further directs the Assistant Secretary of Defense for Health Affairs to provide quarterly briefings to the congressional defense committees, not later than 30 days after the end of each fiscal quarter, on budget execution data for all Defense Health Program budget activities, and to adequately reflect changes to the budget activities requested by the Services in future budget submissions. These reports shall also be provided to the Government Accountability Office.

CARRYOVER

For fiscal year 2024, the Committee recommends one percent carryover authority for the operation and maintenance account of the Defense Health Program. The Committee directs the Assistant Secretary of Defense for Health Affairs to submit a detailed spending plan for any fiscal year 2023 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

MEDICAL RESEARCH

Beginning in fiscal year 2023, most medical research conducted by the U.S. Army Medical Research and Materiel Command will transition to the Defense Health Agency Research and Development organization. The Committee continues to monitor the transition of medical research assets and funding closely to ensure that core medical research funding is responsive to the needs of servicemembers. Additionally, the Committee recommendation for fiscal year 2024 includes \$1,154,000,000 for the Congressionally Directed Medical Research Programs (CDMRP) to fund high-risk, high-reward medical research. The Committee directs the Assistant Secretary of Defense for Health Affairs to submit to the House and Senate Appropriations Committees a request for prior approval for any changes in management structure; functional alignment; or the two-tiered, peer-reviewed process proposed for the CDMRP program, not less than 30 days prior to any proposed changes taking place.

Additionally, the Committee is aware of the use of agile contracting methods, such as other transaction agreements, that may help mitigate the impacts on medical readiness through public-private partnerships and encourages the Department to continue to leverage these mechanisms to ensure expeditious delivery of medical solutions.

PEER-REVIEWED SPINAL CORD RESEARCH PROGRAM

The Committee commends the Department of Defense for its ongoing work to expand technologies for improving outcomes following spinal cord injury and for the creation of the clinical translation research award. Preclinical research shows great promise for creating neuroplasticity to promote recovery of function. The Committee encourages the Director of the Congressionally Directed Medical Research Programs to support neuroplasticity projects with clear scientific merit and direct relevance to military populations as part of the peer-reviewed spinal cord research program.

PEER-REVIEWED CANCER RESEARCH PROGRAM

The Committee recommends \$150,000,000 for the peer-reviewed breast cancer research program, \$110,000,000 for the peer-reviewed prostate cancer research program, \$45,000,000 for the peer-reviewed ovarian cancer research program, \$50,000,000 for the peer-reviewed kidney cancer research program, \$25,000,000 for the peer-reviewed lung cancer research program, \$40,000,000 for the peer-reviewed melanoma research program, \$15,000,000 for the peer-reviewed pancreatic cancer research program, \$17,500,000 for the peer-reviewed rare cancer research program, and \$130,000,000 for the peer-reviewed cancer research program that would research cancers not addressed in the aforementioned programs currently executed by the Department of Defense.

The funds provided in the peer-reviewed cancer research program are directed to be used to conduct research in the following areas: bladder cancer; blood cancers; brain cancer, including glioblastoma; colorectal cancer; endometrial cancer; esophageal cancer; germ cell cancers; liver cancer; lymphoma; metastatic cancers;

myeloma; neuroblastoma; pediatric brain tumors; pediatric, adolescent, and young adult cancers; sarcoma; stomach cancer; and thyroid cancer. The inclusion of the individual rare cancer research program shall not prohibit the peer-reviewed cancer research program from funding the previously mentioned cancers or cancer subtypes that may be rare by definition.

The funds provided under the peer-reviewed cancer research program shall be used only for the purposes listed above. The Committee directs the Assistant Secretary of Defense for Health Affairs to submit a report, not later than 180 days after the enactment of this Act, to the congressional defense committees on the status of the peer-reviewed cancer research program. For each research area, the report shall include the funding amount awarded, the progress of the research, and the relevance of the research to servicemembers and their families.

The Committee commends the Department of Defense for ensuring that projects funded through the various peer-reviewed cancer research programs maintain a focus on issues of significance to military populations and the warfighter. This includes promoting collaborative research proposals between Department of Defense researchers and non-military research institutions. These collaborations leverage the knowledge, infrastructure, and access to clinical populations that the partners bring to the research effort. Additionally, promoting these collaborations provides a valuable recruitment and retention incentive for military medical and research personnel. The Committee encourages the Assistant Secretary of Defense for Health Affairs to continue to emphasize the importance of these collaborations between military and non-military researchers throughout the peer-review process.

METASTATIC CANCER RESEARCH

While existing research shows there is a genetic basis for susceptibility to metastatic cancer or resistance to metastasis, the Committee believes more research and data are required to develop a comprehensive understanding of this complex process. Clinical trials are an important aspect of that process, and a diverse representation of patients in clinical trials is integral to the development of medications and therapies that effectively treat disease. In fiscal year 2023, the Committee directed the Assistant Secretary of Defense for Health Affairs to provide an update on the progress of implementing outstanding recommendations from the April 2018 Task Force Report to Congress on Metastatic Cancer and looks forward to the release of the report to continue to advance and support the work. The Committee encourages the Director of the Congressionally Directed Medical Research Programs to continue to partner with outside experts and other federal agencies to implement the outstanding recommendation from the April 2018 Task Force Report to Congress on Metastatic Cancer concerning diverse enrollment in clinical trials. The Committee also encourages the Assistant Secretary of Defense for Health Affairs to implement the recommendations to inform patients about risk factors for metastasis, increase cancer patient awareness of healthcare resources, and create standardized survivorship care plans for patients with metastatic cancer while validating whether their use improves out-

comes for these patients. The Committee remains interested in areas where assistance from other federal agencies is required to fully implement the recommendations of the Task Force's report.

JOINT WARFIGHTER MEDICAL RESEARCH PROGRAM

The Committee recommendation includes \$20,000,000 for the continuation of the joint warfighter medical research program. The funding shall be used to augment and accelerate high priority Department of Defense and Service medical requirements and to continue prior year initiatives that are close to achieving their objectives and yielding a benefit to military medicine. The funding shall not be used for new projects nor for basic research, and it shall be awarded at the discretion of the Secretary of Defense following a review of medical research and development gaps as well as unfinanced medical requirements of the Services. Further, the Committee directs the Assistant Secretary of Defense for Health Affairs to submit a report, not later than 180 days after the enactment of this Act, to the congressional defense committees that lists the projects that receive funding. The report should include the funding amount awarded to each project, a thorough description of each project's research, and the benefit the research will provide to the Department of Defense.

COMBAT READINESS MEDICAL RESEARCH PROGRAM

The Committee recommendation includes \$5,000,000 for the Combat Readiness Medical Research program. The program should focus on medical needs of the warfighter on the battlefield, specifically including research to improve care during the "golden hour" for servicemembers with life-threatening injuries, battlefield diagnostics, and medical threats and treatments for warfighters deployed around the world.

The Committee expects the Assistant Secretary of Defense for Health Affairs to identify current gaps in medical planning and resources, consider medical capabilities that may mitigate fatalities, enhance battlefield diagnostics, and identify solutions for life threatening complications after battlefield injury.

The funding in the Combat Readiness Medical Research program should be used for freeze dried plasma and platelets; purified exosomal product to treat battlefield orthopedic injuries; battlefield wound care technologies, including therapies and devices; dietary interventions and non-invasive brain stimulation in support of post-traumatic stress disorder; hydrocephalus research; hemorrhage field care; medical simulation technology; sleep disorders; eating disorders; Myalgic Encephalomyelitis/Chronic Fatigue Syndrome; sarcoidosis; combat medical skills sustainment training; highly infectious disease treatment and transport; telemedicine; Valley Fever; antibiotic susceptibility test development; TBI biomarkers; blast sensor technology; and infectious diseases.

Additionally, future contested environments and multi-domain operational scenarios will require new solutions and advanced blood products to care for casualties for prolonged periods of time. The Committee encourages the Director of the Defense Health Agency to explore the benefits of on-demand blood and other blood

solutions that could be used to address battlefield trauma in a safe, effective, and logistically feasible way.

PEER-REVIEWED TOXIC EXPOSURES RESEARCH PROGRAM

The Committee is concerned by the number of known and unknown toxins servicemembers are exposed to as part of their military service. The Committee remains committed to veterans affected by Gulf War Illness and acknowledges a commonality between this community and others exposed to substances, including burn pit exposure, that result in multiple, diverse symptoms and health abnormalities. Therefore, the Committee recommends \$30,000,000 for the peer-reviewed toxic exposures research program. The Assistant Secretary of Defense for Health Affairs is directed to select research projects of clear scientific merit and direct relevance to military exposures to toxic substances, including toxic industrial chemicals, materials, metals, and minerals. The inclusion of the toxic exposures research program shall not prohibit research in any other congressionally directed research program that may be associated with conditions or health abnormalities linked to toxic exposures.

As with other research programs, the Committee expects projects funded through the peer-reviewed toxic exposures research program to maintain a focus on issues of significance to military populations and the warfighter and that the program shall promote collaborative research proposals between Department of Defense researchers and non-military research institutions.

NEXT-GENERATION VIRAL VECTORS

The Committee recognizes the importance of having robust vaccine platforms to mitigate disease non-battle injuries and preserve servicemember medical readiness. The Committee understands that next-generation vectors derived from rhabdoviruses offer promising opportunities to support servicemember health and readiness. Vaccine formulations based on rhabdoviral vectors are known to be stable and can offer lasting protection with a single dose. As such, the Committee encourages the Director of the Defense Health Agency (DHA) to explore the development of rhabdoviral vaccines.

RAPID DEPLOYABLE SYNTHETIC VACCINE DEVELOPMENT

The Committee notes the significant advancements in vaccine development and the need to rapidly distribute countermeasures to combat infectious diseases and virus variants when required for the protection of military personnel worldwide. The Committee encourages the Director of the Defense Health Agency and Director of the Congressionally Directed Medical Research Programs to continue exploring the research and development of low cost, single dose, and highly scalable synthetic peptide vaccines that allow for rapid deployment to military personnel.

NUCLEAR MEDICINE

The Committee is encouraged by innovation in the field of nuclear medicine research and the potential of precision medicine

through the use of novel diagnostic imaging and targeted radiotherapy. To enhance the development of precision imaging and advanced targeted therapies while creating medical and economic efficiencies, the Committee encourages the Director of the Congressionally Directed Medical Research Programs to include nuclear medicine imaging and related techniques in descriptions of funding opportunities, where relevant, to support early diagnosis, enhance treatment, and improve outcomes for servicemembers and their families.

NOVEL STRATEGIES TO PREVENT INFECTION IN SEVERE FRACTURES

The Committee is aware of emerging research and techniques to mitigate infections in servicemembers who suffer from severe fractures, especially, those serving in special operations, airborne operations, air assault operations, military freefall operations, and mountain warfare operations. The Committee notes that preventing infections is critical to a servicemember's recovery and return to duty, and therefore, the Committee directs the Assistant Secretary of Defense for Health Affairs, in consultation with the Under Secretary of Defense for Research and Engineering, to provide a briefing to the congressional defense committees, not later than 180 days after the enactment of this Act, on the plan to utilize emerging research and techniques to prevent infection in servicemembers who suffer severe fractures.

LONG COVID AND MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME

The Committee continues to encourage the Secretary of Defense, through the Assistant Secretary of Defense for Health Affairs and in conjunction with the Services' Surgeons General, to conduct research on diagnostic testing, cures, and treatments of post-viral illness in military populations, specifically to address Long COVID and Myalgic Encephalomyelitis/ Chronic Fatigue Syndrome (ME/CFS).

MUSCULOSKELETAL INJURIES

The Committee understands servicemembers must often undergo orthopedic procedures and that musculoskeletal injuries account for a significant number of medical separations or retirements from military service. Given the importance of training for orthopedic procedures related to injuries to the knee, shoulder, and other extremities, the Committee encourages the Assistant Secretary of Defense for Health Affairs to explore partnerships with medical professional societies that maintain best practices on arthroscopic surgery and techniques, and to ensure that military orthopedic health professionals are provided opportunities for related advanced surgical training.

Further, the Committee notes additional research on the injury mitigation and performance needs of women who are at a high risk for sustaining musculoskeletal injuries could be beneficial for their health and retention. As such, the Committee urges the Director of the Defense Health Agency and Director of the Congressionally Directed Medical Research Programs to support research into the

musculoskeletal issues faced by women serving in infantry and other combat roles.

PEER-REVIEWED ARTHRITIS RESEARCH

The Committee is concerned by the detrimental impact of arthritis on servicemembers and notes its impact on retention. Therefore, the Committee recommendation includes \$10,000,000 for the peer-reviewed arthritis research program. Funding provided in the peer-reviewed arthritis research program shall be used to conduct research on all forms of arthritis including osteoarthritis, posttraumatic arthritis, and rheumatoid arthritis. Further, arthritis research shall not be provided for in other peer-reviewed research programs beginning in fiscal year 2024. The inclusion of the peer-reviewed arthritis research program shall not prohibit research in any other congressionally directed research program that may be associated with conditions or health abnormalities related to arthritis.

CHIROPRACTIC CARE

The Committee believes that servicemembers can benefit from chiropractic care and encourages the Director of the Defense Health Agency to explore ways to expand access to chiropractic care across the Military Health System.

ELECTRONIC HEALTH RECORDS

The Committee continues to support the efforts the Department of Defense and the Department of Veterans Affairs have been undertaking with regard to electronic health records and the health record system. It is the Committee's ongoing expectation that the Departments' electronic health record systems will be interoperable with seamless compatibility. The Committee directs the Director of the Federal Electronic Health Record Modernization (FEHRM) program office to continue to submit quarterly reports on the progress of interoperability between the two Departments to the House and Senate Defense Appropriations Subcommittees and the House and Senate Military Construction, Veterans Affairs, and Related Agencies Appropriations Subcommittees.

The Program Executive Officer of Defense Healthcare Management Systems (PEO DHMS), in conjunction with the Director of the FEHRM and the Director of the Defense Health Agency, is directed to submit quarterly reports to the congressional defense committees on the cost of the program, including any indirect costs funded outside of the DHMS Modernization Electronic Health Record program; and the schedule of the program, to include milestones, knowledge points, and acquisition timelines, and quarterly obligations. Further, the Committee directs the PEO DHMS to continue to brief the House and Senate Defense Appropriations Subcommittees on a quarterly basis, coinciding with the report submission.

The Department of Defense's electronic health record system, MHS GENESIS, is expected to be fully deployed and enter sustainment in fiscal year 2024. The Committee expects the PEO DHMS to communicate system adjustments, offer adequate train-

ing, and maintain support to users after each enhancement. Therefore, the Committee directs the PEO DHMS, within 60 days of enactment of this Act, to develop goals to improve user satisfaction, and begin measuring progress against those goals. The Committee directs the Comptroller General to continue quarterly performance reviews of MHS GENESIS with a focus on whether the program is meeting expected cost, schedule, scope, quality, and risk mitigation expectations, to include system enhancements, and expects the PEO DHMS will provide the Comptroller General regular and in-depth access to the program to facilitate these reviews.

MILITARY HEALTH SYSTEM REFORM: STRATEGY AND INTEGRATION PLAN

The Committee remains concerned that reforms to the Military Health System (MHS), mandated by the National Defense Authorization Act for Fiscal Year 2017, have been implemented in a manner that has resulted in a more fractured healthcare system for servicemembers and beneficiaries. Specifically, the Committee is concerned about continued issues in medical readiness, medical manpower, and access to care. In order to achieve a more unified medical enterprise and integrated healthcare system that best supports servicemembers and beneficiaries, the Committee directs the Secretary of Defense to develop a strategy to address deficiencies within the MHS enterprise and brief the congressional defense committees on the strategy not later than 180 days after the enactment of this Act. The strategy shall address MHS roles and responsibilities; operational and Military Treatment Facility staffing; Defense Health Agency organizational structure; the Services' military medical manpower organizational structure; training and management of military and civilian medical personnel; the National Defense Strategy and Joint Medical Estimate; and resourcing requirements across the enterprise. The strategy should leverage insight from the MHS Executive Review.

MILITARY MEDICAL MANPOWER

The Committee remains concerned that the Department's handling of military medical billet reductions, in response to the reforms mandated by the National Defense Authorization Act for Fiscal Year 2017, has negatively impacted access to quality healthcare services for servicemembers and beneficiaries. The Committee continues to direct the Services' Surgeons General to submit vacancy rates by occupational code to the congressional defense committees on a monthly basis and further directs the Director of the Defense Health Agency (DHA) to submit vacancy rates among military and civilian medical personnel by location and specialty to the congressional defense committees on a quarterly basis.

Further, the Committee is concerned by the understaffing of Military Treatment Facilities perpetuated by the current DHA market structure. In both rural and non-rural areas surrounding military installations, the restructuring of medical manpower and network inadequacies are negatively impacting regional access to care, particularly in areas deemed high risk and health shortage areas by the Department of Health and Human Services. Therefore, the Committee directs the Director of the DHA to submit a

report to the House and Senate Appropriations Committees, not later than 60 days after the enactment of this Act, which shall provide recommendations on restructuring the DHA market structure, strengthening partnerships with community providers especially in rural areas, and reassigning personnel to address critical access to care issues in communities deemed high risk and health shortage areas.

Additionally, the Committee acknowledges DHA's difficulties in attracting and hiring qualified medical personnel, particularly nurses. The Committee believes that current hiring practices leave the Department at a disadvantage when recruiting personnel. The Committee directs the Director of the DHA to examine the hiring policies for nurses, related specifically to required professional experience, and provide a briefing to the House and Senate Appropriations Committees, not later than 180 days after the enactment of this Act, describing potential solutions to this impediment and the feasibility of providing market directors greater hiring flexibility.

MENTAL HEALTH PROFESSIONALS AND TRAINING

The Committee remains concerned about the shortage of current and prospective mental health care professionals, including social workers, clinical psychologists, and psychiatrists, for servicemembers and beneficiaries. To address the shortage across the Military Health System (MHS), the Committee urges the Assistant Secretary of Defense for Health Affairs, the Director of the Defense Health Agency, and the Services' Surgeons General, to review the tools available to the Department of Defense to increase the number of mental health professionals it educates, trains, and hires. This review should consider how the Health Professions Scholarship Program and programming through Uniformed Services University of the Health Sciences (USUHS) could be expanded to increase the number of mental health-related scholarships granted with the goal of increasing the pipeline of mental health providers. Further, the Committee encourages the Assistant Secretary of Defense for Health Affairs to revise regulations regarding employment of clinical psychologists to include those who graduate from programs accredited by the Psychological Clinical Science Accreditation System.

Additionally, while professionals working in the MHS are accustomed to dealing with the special needs of those who have experienced combat, many civilian providers lack the clinical expertise to effectively treat many of these unique mental health conditions. The Committee encourages the Assistant Secretary of Defense for Health Affairs to leverage USUHS, in collaboration with leaders at the Department of Veterans Affairs, to develop a curriculum that could be accessed by civilian mental health students to broaden their knowledge, skills, and abilities that are necessary to evaluate and treat servicemembers, veterans, and military family members.

NON-URGENT MENTAL HEALTH ASSESSMENTS

The Committee notes that many of the recommendations of the August 2020 Department of Defense Inspector General Evaluation of Access to Mental Health Care in the Department of Defense are

resolved but remain open or are pending further review. Therefore, the Committee directs the Director of the Defense Health Agency (DHA) to provide an updated briefing to the congressional defense committees, not later than 90 days after the enactment of this Act, on the status of implementing the recommendations. In particular, the Committee is interested in DHA's development of a standard definition and required elements for an initial non-urgent mental health assessment and a way to track whether the assessment is completed, in either a primary care or a specialty mental health clinic within the 7-day standard. The briefing shall also include resource requirements that may be necessary to accomplish implementation of the Inspector General's recommendations.

NATIONAL INTREPID CENTER OF EXCELLENCE

As servicemembers and veterans continue to face higher rates of brain trauma than the civilian population, it is imperative that agencies continue to collaborate to study neurological conditions. The Committee recognizes the high-quality mental health care and neurological research conducted at the Centers of Excellence for Psychological Health and Traumatic Brain Injury, and encourages the Assistant Secretary of Defense for Health Affairs to leverage the tremendous efforts of the National Intrepid Center of Excellence to expand its work and share best practices with the Department of Veterans Affairs. The Committee also applauds the partnership across the Military Health System Centers of Excellence and encourages the Assistant Secretary of Defense for Health Affairs to streamline and standardize operating procedures and collaboration guidelines across locations.

PHARMACEUTICAL SUPPLY CHAIN

The Committee remains concerned with the Department of Defense's reliance on foreign suppliers in the pharmaceutical supply chain. The Committee believes the Department should ensure medication supply stability for deploying units and servicemembers in the event of a contingency or supply chain disruption. Moreover, the Defense Health Agency (DHA) should understand the quantity of critical pharmaceuticals needed for routine operations at Military Treatment Facilities and develop a plan on allocating these resources in case of disruption. The Committee anticipates the Department's response to House Report 117-118, which requires a report by the Defense Logistics Agency (DLA) on the feasibility and estimated cost of expanding the Warstopper program, as well as solutions to mitigate pharmaceutical supply chain shortages. The Committee encourages the Director of the DHA and the Director of DLA to continue collaboration on these issues and ensure domestic sourcing of ingredients and production of pharmaceuticals where deemed appropriate.

COMMUNITY PHARMACIES

The Committee is concerned that military families may have lost benefits at certain community pharmacies as a result of the Department of Defense's transition to the TRICARE 5th Generation Pharmacy Contract. Therefore, the Committee directs the Assistant

Secretary of Defense for Health Affairs to provide a briefing to the congressional defense committees, not later than 90 days after enactment of this Act, on the reimbursement model for community pharmacies, efforts to ensure that the TRICARE pharmacy contract does not reimburse rates to community pharmacies that are less than the cost of the medications, and a plan to ensure that community pharmacies are engaged and given the opportunity to participate in the TRICARE network.

NATIONAL DISASTER MEDICAL SYSTEM PILOT AND JOINT CIVILIAN— MILITARY MEDICAL SURGE CAPACITY

The Committee notes a need for focus on medical capabilities and capacity required for the homeland defense mission. To address these gaps, Congress provided an additional \$30,000,000 over fiscal years 2021 and 2022 to accelerate a pilot program on civilian and military partnerships to enhance interoperability and medical surge capability and capacity of the National Disaster Medical System (NDMS). While the Committee recommendation includes \$5,000,000 for the effort in fiscal year 2024, it expects the Department of Defense to adequately plan, program, and budget for the remaining aspects of the pilot.

The Committee's fiscal year 2024 recommendation also includes \$28,480,000 for the third and final phase for a joint civilian-military modular surge capacity and capability to include an additional training function in partnership with the NDMS. As previously noted, the modular medical surge and training capacity should be adjacent to existing medical facilities; include laboratories, intensive care units, and x-rays; and leverage staff and services available in the adjacent medical facility. The medical surge and training capacity should allow for research and development of best practices for preparedness and response and include transportable clinical response functionality.

SPACE FORCE HEALTH AND FITNESS PILOT

The Committee acknowledges the Space Force's new health and fitness pilot, which will provide wearable fitness devices to servicemembers to track diet, exercise, and sleep, in lieu of annual physical fitness evaluations. The Committee encourages the Secretary of Defense and Service Secretaries to monitor this pilot and consider expansion as appropriate.

HUMAN PERFORMANCE OPTIMIZATION

The Committee continues to support the health, well-being, and performance of our servicemembers through human performance optimization (HPO) programs. The Committee believes further research in this area would contribute to the Services' readiness requirements and therefore encourages collaboration across the Defense Health Agency, Services, and Defense Advanced Research Projects Agency, in partnership with universities and private entities, to share relevant research to enhance the operational purpose of HPO efforts.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

The Committee recommends the following appropriations for
Chemical Agents and Munitions Destruction, Defense:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	89,284	89,284	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	1,002,560	1,002,560	0
 TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	 1,091,844	 1,091,844	 0

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

The Committee recommends the following appropriations for
Drug Interdiction and Counter-Drug Activities, Defense:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COUNTER-NARCOTICS SUPPORT	643,848	693,848	50,000
Program increase—enterprise-wide intelligence programs		25,000	
Program increase—Project 5111: NORTHCOM Counternarcotics Mission Support		15,000	
Program increase—Project 3309: Joint Interagency Task Force— West		10,000	
DRUG DEMAND REDUCTION PROGRAM	134,313	138,313	4,000
Program increase—Young Marines		4,000	
NATIONAL GUARD COUNTER-DRUG PROGRAM	102,272	300,000	197,728
Program increase		167,728	
Program increase—equipment		30,000	
NATIONAL GUARD COUNTER-DRUG SCHOOLS	5,993	30,000	24,007
Program increase		24,007	
 TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	 886,426	 1,162,161	 275,735

The Committee notes that over one hundred thousand Americans died from drug overdoses in 2022, mostly as a result of illicit fentanyl. The Committee believes the fentanyl crisis is a national security issue that demands a whole-of-government approach, and the Department of Defense has an important role to play. The Committee recommendation includes \$693,848,000 for Counter-Narcotics Support, including an additional \$50,000,000 for programs to counter illicit fentanyl and synthetic opioids. The Secretary of Defense is directed to submit a spend plan for these additional funds to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act.

The Committee recommendation supports the Department of Defense's intelligence programs in support of law enforcement partner efforts to deter, disrupt, and defeat global drug-trafficking, illicit finance, and transnational organizations. Increased funding shall be

for programs to counter illicit fentanyl and synthetic opioids, and related transnational criminal organizations including programs that go after the finances of these organizations. The Secretary of Defense should prioritize this funding on procuring technologies to enhance the capabilities of these programs. Increases in personnel in the future years defense program should be considered only following the completion of a workforce assessment.

The Committee recommendation includes an additional \$15,000,000 to support Joint Task Force-North's support for United States government efforts to undermine transnational criminal organizations responsible for the flow of illicit fentanyl and synthetic opioids into the United States. Funds should be used to establish a dedicated cell to provide intelligence analysis, counter threat finance analysis, and other support to interagency operations to crack down on illicit fentanyl and synthetic opioid precursors, pill presses, clandestine labs, and money laundering that facilitate cartel operations. The Secretary of Defense, in coordination with the heads of other federal agencies, as appropriate, shall submit an implementation plan to the congressional defense committees not later than 90 days after the enactment of this Act. The Committee expects the Department of Defense to increase coordination with other agencies including the Drug Enforcement Agency and Customs and Border Protection. Funds should also be used for military working dog teams to support law enforcement efforts to disrupt the flow of illicit fentanyl and synthetic opioids at United States ports of entry.

The Committee notes the model of the Joint Interagency Task Force-South (JIATF-S), which has conducted detection and monitoring operations to support law enforcement disruptions of drug trafficking in the Caribbean for decades. The Committee directs the Secretary of Defense, in coordination with the heads of other federal agencies, as appropriate, to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, on efforts to increase interagency coordination to counter illicit fentanyl and synthetic opioids production and trafficking to the United States. The report shall include an analysis of current mechanisms for coordinating interagency efforts and the feasibility of establishing a Department of Defense joint interagency task force for this purpose.

The Committee recommendation includes an additional \$10,000,000 for Joint Interagency Task Force-West's support of United States government efforts to counter the smuggling of chemical precursors from Asia to the Western Hemisphere.

The Committee recommendation includes \$300,000,000 for the National Guard Counter-Drug Program, of which \$30,000,000 is provided for equipment, including equipment to enhance the National Guard's digital forensics capabilities. The recommendation also includes \$30,000,000 for the National Guard Counterdrug Schools Program.

The Committee directs the Secretary of Defense to provide the following briefings to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act:

(1) a briefing on current Administration strategies to counter illicit fentanyl and synthetic opioid production, including the Stra-

tegic Implementation Plan to Commercially Disrupt the Illicit Fentanyl Supply Chain, and any Department of Defense activities and programs in support of these strategies; and

(2) a briefing on the National Guard Governors State Plans Program as it relates to measures to counter the flow of illicit fentanyl and synthetic opioids into the United States, including a description of plans approved and denied by the Department during the previous year.

The Committee directs the Secretary of Defense to provide the following reports to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act:

(1) a report on the performance, capacity, and throughput of each of the five counterdrug schools and an analysis of whether the current number of schools is meeting training demands; and

(2) a report on commercial technologies that are available, in development, or that could be modified to detect or otherwise combat the flow of illicit fentanyl and synthetic opioids into the United States.

The Secretary of Defense is directed to ensure that international programs requested and supported by this account do not duplicate programs funded by the Defense Security Cooperation Agency in the Operation and Maintenance, Defense-Wide account. Any congressional notification submitted pursuant to 10 U.S.C. 284 shall identify any resources within the Operation and Maintenance, Defense-Wide account that are allocated for similar or related purposes.

The Secretary of Defense is directed to provide quarterly reports to the House and Senate Appropriations Committees on the use and status of funds provided under this heading, including information for each project as identified in the Project Definitions (PB 47) budget exhibit of the fiscal year 2024 budget justification materials and other documentation supporting the fiscal year 2024 President's budget request. The report shall be submitted in unclassified form but may be accompanied by a classified annex.

COMPTROLLER GENERAL REVIEW OF DEPARTMENT OF DEFENSE INSTRUCTIONS

The Committee directs the Comptroller General of the United States to review Department of Defense Instruction 3000.14, Counterdrug and Counter-Transnational Organized Crime Policy, and Instruction 3100.01B National Guard Counterdrug Support Program, and examine whether such documents unduly limit the ability of the Department of Defense and National Guard Bureau to support counterdrug efforts under the law. The Comptroller General shall submit a report to the congressional defense committees not later than 90 days after the enactment of this Act.

OFFICE OF THE INSPECTOR GENERAL

The Committee recommends the following appropriations for the Office of the Inspector General:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	520,867	501,131	— 19,736
Program decrease—civilian workforce		— 4,000	
Program decrease		— 15,736	
PROCUREMENT	1,098	1,098	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	3,400	3,400	0
TOTAL, OFFICE OF THE INSPECTOR GENERAL	525,365	505,629	— 19,736

END-USE MONITORING FOR UKRAINE

The Committee directs the Department of Defense Inspector General to review the efficacy of the Department of Defense end-use monitoring program for United States defense articles designated for Ukraine since the February 24, 2022, Russian invasion of Ukraine and to submit a report and recommendations to the congressional defense committees not later than 90 days after the enactment of this Act.

TITLE VII
RELATED AGENCIES

NATIONAL AND MILITARY INTELLIGENCE PROGRAMS

The National Intelligence Program and the Military Intelligence Program budgets funded in this Act consist primarily of resources for the Director of National Intelligence, including the Intelligence Community Management staff, the Central Intelligence Agency (CIA), the Defense Intelligence Agency, the National Reconnaissance Office, the National Security Agency, the National Geospatial-Intelligence Agency, the intelligence services of the Departments of the Army, Navy, and Air Force, and the CIA Retirement and Disability fund.

CLASSIFIED ANNEX

Adjustments to classified programs are addressed in a separate, detailed, and comprehensive classified annex. The Intelligence Community, the Department of Defense, and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the Department of Defense Appropriations Act, 2024.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND
DISABILITY SYSTEM FUND

Fiscal year 2024 budget request	\$514,000,000
Committee recommendation	514,000,000
Change from budget request	— — —

The Committee recommends an appropriation of \$514,000,000 for the Central Intelligence Agency Retirement and Disability System Fund. This is a mandatory account.

This appropriation provides payments of benefits to qualified beneficiaries in accordance with the Central Intelligence Agency Retirement Act of 1964 for Certain Employees (Public Law 88–643), as amended by Public Law 94–522. This statute authorized the establishment of the CIA Retirement and Disability System for certain employees and authorized the establishment and maintenance of a fund from which benefits would be paid to those beneficiaries.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

Fiscal year 2024 budget request	\$650,000,000
Committee recommendation	608,820,000
Change from budget request	– 41,180,000

The Committee recommends an appropriation of \$608,820,000 for the Intelligence Community Management Account.

TITLE VIII

GENERAL PROVISIONS

Title VIII of the accompanying bill includes 152 general provisions. A brief description of each general provision follows.

Section 8001 prohibits the use of funds for publicity or propaganda purposes not authorized by Congress.

Section 8002 provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

Section 8003 limits the availability of funds.

Section 8004 limits the obligation of funds during the last two months of the fiscal year.

Section 8005 provides general transfer authority of funds to other military functions.

Section 8006 provides that the tables titled "Explanation of Project Level Adjustments" shall be carried out in the manner provided by the tables to the same extent as if the tables were included in the text of this Act.

Section 8007 provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

Section 8008 provides for limitations on the use of transfer authority of working capital fund cash balances.

Section 8009 prohibits the use of funds to initiate a special access program without prior notification to the congressional defense committees.

Section 8010 provides limitations and conditions on the use of funds to initiate multiyear procurement contracts.

Section 8011 provides for the use of funds for humanitarian and civic assistance costs.

Section 8012 prohibits the use of funds to influence congressional action on any matters pending before the Congress.

Section 8013 prohibits the use of funds to reduce the number of strategic delivery vehicles and launchers.

Section 8014 provides for the transfer of funds for the Department of Defense Pilot Mentor-Protege Program.

Section 8015 provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Section 8016 prohibits funds for any non-appropriated activity of the Department of Defense that procures malt beverages and wine except under certain conditions.

Section 8017 prohibits the use of funds to demilitarize or dispose of certain surplus firearms and small arms ammunition or ammunition components.

Section 8018 provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Section 8019 provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Section 8020 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Section 8021 provides funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Section 8022 prohibits funds for the Defense Media Activity from being used for national or international political or psychological activities.

Section 8023 has been amended and provides funding for the Civil Air Patrol Corporation.

Section 8024 prohibits funds from being used to establish new Department of Defense Federally Funded Research and Development Centers.

Section 8025 defines the congressional defense committees.

Section 8026 defines the congressional intelligence committees.

Section 8027 provides for competitions between private firms and Department of Defense depot maintenance activities.

Section 8028 requires the Department of Defense to comply with the Buy American Act.

Section 8029 provides for the Department of Defense to procure carbon, alloy, or armor steel plate melted and rolled only in the United States and Canada.

Section 8030 provides for the revocation of blanket waivers of the Buy American Act.

Section 8031 prohibits the use of funds for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Section 8032 prohibits the use of funds to purchase supercomputers which are not manufactured in the United States.

Section 8033 provides a waiver of Buy American provisions for certain cooperative programs.

Section 8034 prohibits the use of funds for the purchase or manufacture of a United States flag unless such flags are treated as covered items under section 4862(b) of title 10 United States Code.

Section 8035 provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Section 8036 provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than \$350,000.

Section 8037 has been amended and provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Section 8038 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Section 8039 prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8040 provides limitations on the availability of funds appropriated for the Central Intelligence Agency.

Section 8041 places limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8042 places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines.

(RESCISSIONS)

Section 8043 provides for the rescission of \$804,687,000 from the following programs:

2022 Appropriations:	
Missile Procurement, Army:	
Lethal Miniature Aerial Missile System	9,093,000
Procurement of Weapons and Tracked Combat Vehicles, Army:	
Assault Bridge (MOD)	1,900,000
Other Procurement, Army:	
Disaster Incident Response Communications Terminal ...	1,600,000
Husky Standoff Minefield Detection System	2,372,000
Render Safe Sets, Kits, and Outfits	1,074,000
Accessions Information Environment	39,635,000
Aircraft Procurement, Navy:	
Common Ground Equipment	1,428,000
Weapons Procurement, Navy:	
Aerial Targets	13,058,000
Procurement of Ammunition, Navy and Marine Corps:	
Infantry Weapons Ammunition	1,012,000
Other Procurement, Navy:	
Underwater EOD Equipment	2,975,000
Cooperative Threat Reduction:	
Cooperative Threat Reduction	75,000,000
2023 Appropriations:	
Operation and Maintenance, Defense-Wide:	
DSCA Security Cooperation	75,000,000
Counter-ISIS Train and Equip Fund:	
Counter-ISIS Train and Equip Fund	50,000,000
Other Procurement, Army:	
Disaster Incident Response Communications Terminal ...	4,066,000
Aircraft Procurement, Navy:	
Marine Group 5 UAS Series	10,033,000
Weapons Procurement, Navy:	
Tomahawk	40,000,000
Aerial Targets	13,139,000
Other Procurement, Navy:	
LCS SUW Mission Modules	1,550,000
Procurement, Marine Corps:	
EOD Systems	26,554,000
Radio Systems	128,750,000
Other Procurement, Air Force:	
Classified Adjustment	45,000,000
Procurement, Defense Wide:	
Mentor Protégé	32,148,000
Research, Development, Test and Evaluation, Air Force:	
AC/HC/MC-130J	29,300,000
No-Year Appropriations:	
Defense Working Capital Funds:	
Army Working Capital Fund	100,000,000
Navy Working Capital Fund	100,000,000

Section 8044 prohibits the use of funds to reduce authorized positions for military technicians (dual status) of the Army National Guard, Air National Guard, Army Reserve, and Air Force Reserve

unless such reductions are a direct result of a reduction in military force structure.

Section 8045 prohibits funds for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8046 provides for reimbursement to the National Guard and reserve when members of the National Guard and reserve provide intelligence or counterintelligence support to the combatant commands, defense agencies, and joint intelligence activities.

Section 8047 prohibits the transfer of Department of Defense and Central Intelligence Agency drug interdiction and counter-drug activities funds to other agencies except as specifically provided in an appropriations law.

Section 8048 provides funding for Red Cross and United Services Organization grants.

Section 8049 provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Section 8050 prohibits funds for contractor bonuses being paid due to business restructuring.

Section 8051 provides transfer authority for the pay of military personnel in connection with support and services for eligible organizations and activities outside the Department of Defense.

Section 8052 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8053 prohibits funds to retire C-40 aircraft, with certain exceptions.

Section 8054 prohibits the use of funds to procure end-items for delivery to military forces for operational training, operational use or inventory requirements.

Section 8055 prohibits funds for repairs or maintenance to military family housing units.

Section 8056 provides obligation authority for new starts for defense innovation acceleration or rapid prototyping program demonstration projects only after notification to the congressional defense committees.

Section 8057 requires a classified quarterly report on certain matters as directed in the classified annex accompanying this Act.

Section 8058 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8059 prohibits the use of funds to transfer certain ammunition.

Section 8060 provides for a waiver by the Chief of the National Guard Bureau or his designee for all or part of consideration in cases of personal property leases of less than one year.

Section 8061 provides for the transfer of funds made available in this Act under Operation and Maintenance, Army to other activities of the federal government for classified purposes.

Section 8062 prohibits the use of funds to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Section 8063 provides the authority to transfer funding from operation and maintenance accounts for the Army, Navy, and Air Force to the central fund for Fisher Houses and Suites.

Section 8064 provides grant authority for the construction and furnishing of additional Fisher Houses to meet the needs of military family members when confronted with the illness or hospitalization of an eligible military beneficiary.

Section 8065 provides for the authority to transfer funding made available in this Act under Operation and Maintenance, Navy to the John C. Stennis Center for Public Service Development Trust Fund.

Section 8066 prohibits the modification of command and control relationships to give Fleet Forces Command operational and administrative control of United States Navy forces assigned to the Pacific fleet.

Section 8067 requires notification for the rapid acquisition and deployment of supplies and associated support services.

Section 8068 provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8069 provides for the funding of prior year shipbuilding cost increases.

Section 8070 provides authorization for funds for intelligence and intelligence related activities until the enactment of an Intelligence Authorization Act.

Section 8071 prohibits funds to initiate a new start program without prior written notification.

Section 8072 prohibits the use of funds for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8073 has been amended and prohibits funds for the decommissioning of certain ships.

Section 8074 provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Section 8075 prohibits the use of funds to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8076 prohibits the use of funds from being used to transfer program authority relating to current tactical unmanned aerial vehicles from the Army and requires the Army to retain responsibility for and operational control of the MQ-1C Unmanned Aerial Vehicle.

Section 8077 prohibits funds for the integration of foreign intelligence information unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Section 8078 limits the availability of funding provided for the Office of the Director of National Intelligence beyond the current fiscal year, except for funds appropriated for research and technology.

Section 8079 provides for the establishment of a baseline for application of reprogramming and transfer authorities for the Office of the Director of National Intelligence for the current fiscal year.

Section 8080 provides for limitations on funding provided for the National Intelligence Program to be available for obligation or ex-

penditure through a reprogramming or transfer of funds in accordance with the National Security Act of 1947.

Section 8081 provides the Director of National Intelligence with general transfer authority, with certain limitations.

Section 8082 places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Section 8083 prohibits funds for federal contracts in excess of \$1,000,000 unless the contractor meets certain conditions.

Section 8084 provides funds for transfer to the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8085 prohibits the use of funds in contravention of the provisions of section 130h of title 10, United States Code.

Section 8086 provides for the purchase of heavy and light armored vehicles for the physical security of personnel or for force protection purposes up to a limit of \$450,000 per vehicle.

Section 8087 authorizes the use of funds in the Shipbuilding and Conversion, Navy account to purchase two used auxiliary vessels for the National Defense Reserve Fleet.

Section 8088 provides that any agency receiving funds made available in this Act shall post on a public website any report required to be submitted to Congress with certain exceptions.

Section 8089 directs the Secretary of Defense to post grant awards on a public website in a searchable format.

Section 8090 prohibits the use of funds by the National Security Agency for targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8091 places restrictions on transfer amounts available to pay salaries for non-Department of Defense personnel.

Section 8092 has been amended and provides that operation and maintenance funds may be used for any purposes related to the National Defense Reserve Fleet.

Section 8093 prohibits the use of funds to award a new TAO Fleet Oiler or FFG Frigate program contract for the acquisition of certain components unless those components are manufactured in the United States.

Section 8094 prohibits the use of funds for the development and design of certain future naval ships unless any contract specifies that all hull, mechanical, and electrical components are manufactured in the United States.

Section 8095 prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Section 8096 provides for the procurement of certain vehicles in the United States Central Command area, with limitations.

Section 8097 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8098 prohibits the use of funds for information technology systems that do not have pornographic content filters.

Section 8099 places restrictions on the use of funding for military parades.

Section 8100 prohibits the use of funds to enter into a contract or provide a loan to any corporation that has any unpaid Federal tax liability.

Section 8101 provides funds for certain software pilot programs.
 Section 8102 prohibits the transfer of the National Reconnaissance Office to the Space Force.

Section 8103 prohibits the use of funds in contravention of the United Nations Convention Against Torture.

Section 8104 provides security assistance for Ukraine.

Section 8105 prohibits funds to the Azov Battalion.

Section 8106 provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Section 8107 provides funding for International Security Cooperation Programs.

Section 8108 provides funding to reimburse certain countries for border security.

Section 8109 prohibits the use of funds in contravention of the War Powers Resolution.

Section 8110 prohibits the use of funds in violation of the Child Soldiers Prevention Act of 2008.

Section 8111 prohibits funds for any member of the Taliban.

Section 8112 provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Section 8113 prohibits the use of funds to enter into a contract with Rosoboronexport.

Section 8114 provides funding to reimburse key cooperating nations for logistical, military, and other support.

Section 8115 requires notification of the receipt of contributions from foreign governments and notification prior to obligating such funds.

Section 8116 requires the Chairman of the Joint Chiefs to report on any unplanned activity or exercise.

Section 8117 requires notification if a foreign base is opened or closed.

Section 8118 prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Section 8119 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 8120 prohibits funds to establish permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Section 8121 prohibits the use of funds under certain headings to procure or transfer man-portable air defense systems.

Section 8122 provides security assistance to Jordan.

Section 8123 requires the United States Southern Command to assume combatant command responsibility for activities related to Mexico.

Section 8124 prohibits the use of funds to transfer, release, or assist in the transfer or release to or within the United States of certain detainees.

Section 8125 prohibits the use of funds to transfer any individual detained at United States Naval Station Guantanamo Bay, Cuba, to the custody or control of the individual's country of origin or any other foreign country.

Section 8126 prohibits the use of funds to construct, acquire, or modify any facility in the United States to house any individual detained at United States Naval Station Guantanamo Bay, Cuba.

Section 8127 prohibits the use of funds to carry out the closure of the United States Naval Station Guantanamo Bay, Cuba.

Section 8128 has been amended and reflects savings due to favorable foreign exchange rates.

Section 8129 provides guidance on the implementation of the Policy for Assisted Reproductive Services for the Benefit of Seriously or Severely Ill/Injured Active Duty Service Members.

Section 8130 prohibits the use of funds to support the Wuhan Institute of Virology, or any laboratory owned or controlled by the governments of foreign adversaries.

Section 8131 prohibits the use of funds for any work to be performed by EcoHealth Alliance, Inc. in China on research supported by the Government of the People's Republic of China.

Section 8132 requires the Secretary of the Navy to provide pay and allowances to Lieutenant Ridge Alkonis.

Section 8133 provides the authority for the Secretary of Defense to obligate funds to modify up to six F-35 aircraft to a test configuration.

Section 8134 prohibits the use of funds to integrate an alternative engine on any F-35 aircraft.

Section 8135 provides the authority to be used to enter into a contract for the CH-53K heavy lift helicopter program.

Section 8136 directs the Secretary of Defense to allocate amounts made available from the Creating Helpful Incentives to Produce Semiconductors (CHIPS) for America Defense Fund.

DEPARTMENT OF DEFENSE ALLOCATION OF FUNDS: CHIPS AND SCIENCE ACT FISCAL YEAR 2024

[In thousands of dollars]

Research, Development, Test and Evaluation, Defense-Wide Budget Activity 02, Applied Research:	
Microelectronics	
Commons	65,062,000
Budget Activity 03, Advanced Technology Development:	
Microelectronics	
Commons	269,256,000
Budget Activity 04, Advanced Technology Development:	
Microelectronics	
Commons	65,682,000

Section 8137 enables the Office of Strategic Capital to use appropriated funds for loans and loan guarantees.

Section 8138 provides funds to increase pay for certain enlisted grades.

Section 8139 prohibits the use of funds to release certain information regarding a current or former member of the Armed Forces without their consent except in cases of law enforcement or Freedom of Information Act requests.

Section 8140 prohibits the use of certain funds for United States Space Command until such time as the Secretary of the Air Force formally selects and publicly announces the permanent location of the United States Space Command Headquarters.

Section 8141 prohibits funds to carry out section 554(a) of the National Defense Authorization Act for Fiscal Year 2021 (Public Law 116-283).

Section 8142 prohibits funds to implement, administer, apply, enforce, or carry out measures relating to the Department of Defense

diversity, equity, inclusion, and accessibility strategy, certain executive orders, and execute activities that promote or perpetuate divisive concepts related to race or sex.

Section 8143 prohibits the use of funds to perform surgical procedures or hormone therapies for the purposes of gender affirming care.

Section 8144 prohibits the use of funds to promote, host, facilitate, or support a drag queen story hour for children on United States military installations or for military recruiting programs that feature drag queens.

Section 8145 prohibits the use of funds to recruit, hire, or promote any person who has been convicted of charges related to child pornography or other sexual misconduct.

Section 8146 prohibits the use of funds for paid leave and travel or related expenses of a federal employee or their dependents for the purposes of obtaining an abortion or abortion-related services.

Section 8147 prohibits the use of funds to finalize, implement, or promulgate the rule proposed by the Department of Defense on November 14, 2022, titled “Federal Acquisition Regulation: Disclosure of Greenhouse Gas Emissions and Climate-Related Financial Risk.”

Section 8148 prohibits funds to carry out any program, project, or activity that promotes or advances Critical Race Theory or any concept associated with Critical Race Theory.

Section 8149 prohibits the use of funds to label communications by United States persons as misinformation, disinformation, or malinformation or to partner with or fund nonprofits or other organizations that pressure private companies to censor lawful and constitutionally protected speech.

Section 8150 prohibits the use of funds to grant, renew, or maintain a security clearance for any individual listed as a signatory in the statement titled “Public Statement on the Hunter Biden Emails” dated October 19, 2020.

Section 8151 prohibits funds to take any discriminatory action against a person, wholly or partially, on the basis that such person speaks, or acts, in accordance with a sincerely held religious belief, or moral conviction, that marriage is, or should be recognized as, a union of one man and one woman.

Section 8152 establishes a spending reduction account.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army.....	49,628,305	50,363,906	50,230,906	+602,601	-133,000
Military Personnel, Navy.....	36,706,395	38,020,388	37,615,388	+908,993	-405,000
Military Personnel, Marine Corps.....	15,050,088	15,579,629	15,556,629	+506,541	-23,000
Military Personnel, Air Force.....	35,427,788	36,766,530	36,512,530	+1,084,742	-254,000
Military Personnel, Space Force.....	1,109,400	1,266,573	1,239,573	+130,173	-27,000
Reserve Personnel, Army.....	5,212,834	5,367,436	5,367,436	+154,602	-
Reserve Personnel, Navy.....	2,400,831	2,504,718	2,486,718	+85,887	-18,000
Reserve Personnel, Marine Corps.....	826,712	903,928	898,928	+72,216	-5,000
Reserve Personnel, Air Force.....	2,457,519	2,471,408	2,459,466	+1,947	-11,942
National Guard Personnel, Army.....	9,232,554	9,783,569	9,766,369	+533,815	-17,200
National Guard Personnel, Air Force.....	4,913,538	5,292,425	5,234,625	+321,087	-57,800
Total, title I, Military Personnel.....	162,965,964	168,320,510	167,368,568	+4,402,604	-951,942
Total, including Tricare.....	172,708,964	178,873,966	177,922,024	+5,213,060	-951,942

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

TITLE II

OPERATION AND MAINTENANCE

Operation and Maintenance, Army.....	59,015,977	59,554,553	60,525,399	+1,510,422	+971,846
Operation and Maintenance, Navy.....	68,260,046	72,244,533	73,547,305	+5,287,259	+1,302,772
Operation and Maintenance, Marine Corps.....	9,891,998	10,281,913	10,909,609	+1,017,611	+627,696
Operation and Maintenance, Air Force.....	60,279,937	62,750,095	63,460,822	+3,180,885	+710,727
Operation and Maintenance, Space Force.....	4,086,883	5,017,468	4,890,886	+804,003	-126,582
Operation and Maintenance, Defense-Wide.....	49,574,779	52,767,563	52,453,715	+2,878,936	-313,848
Counter-ISIS Train and Equip Fund (CTEF).....	475,000	397,950	397,950	-77,050	---
Operation and Maintenance, Army Reserve.....	3,206,434	3,630,948	3,559,248	+352,814	-71,700
Operation and Maintenance, Navy Reserve.....	1,278,050	1,380,810	1,366,710	+88,660	-14,100
Operation and Maintenance, Marine Corps Reserve.....	347,633	329,395	323,395	-24,238	-6,000
Operation and Maintenance, Air Force Reserve.....	3,700,800	4,116,256	4,056,196	+355,396	-60,060
Operation and Maintenance, Army National Guard.....	8,299,187	8,683,104	8,612,404	+313,217	-70,700
Operation and Maintenance, Air National Guard.....	7,382,079	7,253,694	7,250,745	-131,334	-2,949
United States Court of Appeals for the Armed Forces.....	16,003	16,620	16,620	+617	---
Environmental Restoration, Army.....	324,500	198,760	198,760	-125,740	---
Environmental Restoration, Navy.....	400,113	335,240	345,240	-54,873	+10,000
Environmental Restoration, Air Force.....	573,810	349,744	359,744	-214,066	+10,000
Environmental Restoration, Defense-Wide.....	10,979	8,965	8,965	-2,014	---
Environmental Restoration, Formerly Used Defense Sites.....	317,580	232,806	232,806	-84,774	---
Overseas Humanitarian, Disaster, and Civic Aid.....	170,000	114,900	142,500	-27,500	+27,600
Cooperative Threat Reduction Account.....	351,598	350,999	350,999	-599	---
Department of Defense Acquisition Workforce Development Account.....	111,791	54,977	54,977	-56,814	---
Total, title II, Operation and Maintenance.....	278,075,177	290,071,293	293,065,995	+14,990,818	+2,994,702

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE III					
PROCUREMENT					
Aircraft Procurement, Army.....	3,847,834	3,012,440	3,030,767	-817,067	+18,327
Missile Procurement, Army.....	3,848,853	4,962,017	4,483,806	+634,953	-478,211
Procurement of Weapons and Tracked Combat Vehicles, Army.....	4,505,157	3,765,521	3,943,584	-561,573	+178,063
Procurement of Ammunition, Army.....	2,770,120	2,967,578	2,971,928	+201,808	+4,350
Other Procurement, Army.....	8,668,148	8,672,979	8,679,516	+11,368	+6,537
Aircraft Procurement, Navy.....	19,031,864	17,336,760	17,450,040	-1,581,824	+113,280
Weapons Procurement, Navy.....	4,823,113	6,876,385	5,826,997	+1,003,884	-1,049,388
Procurement of Ammunition, Navy and Marine Corps.....	920,884	1,293,273	1,238,558	+317,674	-54,715
Shipbuilding and Conversion, Navy.....	31,955,124	32,848,950	32,906,812	+951,688	+57,862
Other Procurement, Navy.....	12,136,590	14,535,257	13,675,677	+1,537,087	-859,580
Procurement, Marine Corps.....	3,669,510	3,979,212	3,775,224	+105,714	-203,988
Aircraft Procurement, Air Force.....	22,196,175	20,315,204	20,196,409	-1,999,766	-118,795
Missile Procurement, Air Force.....	2,999,346	5,530,446	4,401,753	+1,402,407	-1,128,693
Procurement of Ammunition, Air Force.....	857,722	703,158	642,448	-215,274	-60,710
Other Procurement, Air Force.....	28,034,122	30,417,892	29,819,938	+1,785,816	-597,954
Procurement, Space Force.....	4,462,188	4,714,294	4,109,201	-352,987	-605,093
Procurement, Defense-Wide.....	6,136,674	6,156,975	6,289,820	+150,146	+132,845
Defense Production Act Purchases.....	372,906	968,605	618,605	+245,699	-350,000
National Guard and Reserve Equipment.....	1,000,000	-	1,000,000	-	+1,000,000
Total, title III, Procurement.....	162,241,330	169,056,946	165,061,083	+2,819,753	-3,995,863

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army.....	17,150,141	15,775,381	16,758,462	-391,679	+983,081
Research, Development, Test and Evaluation, Navy.....	26,017,309	26,922,225	27,690,777	+1,673,468	+768,552
Research, Development, Test and Evaluation, Air Force..	44,946,927	46,565,356	46,479,858	+1,532,931	-85,498
Research, Development, Test and Evaluation, Space Force.....	16,631,377	19,199,340	18,839,144	+2,207,767	-360,196
Research, Development, Test and Evaluation, Defense-Wide.....	34,565,478	36,085,834	36,782,566	+2,217,088	+696,732
Operational Test and Evaluation, Defense.....	449,294	331,489	285,444	-163,850	-46,045
	=====	=====	=====	=====	=====
Total, title IV, Research, Development, Test and Evaluation.....	139,760,526	144,879,625	146,836,251	+7,075,725	+1,956,626

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds.....	1,654,710	1,675,079	1,666,779	+12,069	-8,300
National Defense Stockpile Transaction Fund.....	---	7,629	7,629	+7,629	---
	=====	=====	=====	=====	=====
Total, title V, Revolving and Management Funds..	1,654,710	1,682,708	1,674,408	+19,698	-8,300

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program:					
Operation and maintenance.....	35,613,417	37,100,306	36,826,743	+1,213,326	-273,563
Procurement.....	570,074	381,881	381,881	-188,193	---
Research, development, test and evaluation.....	3,041,610	931,773	2,156,848	-884,762	+1,225,075
Total, Defense Health Program.....	39,225,101	38,413,960	39,365,472	+140,371	+951,512
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance.....	84,612	89,284	89,284	+4,672	---
Research, development, test and evaluation.....	975,206	1,002,560	1,002,560	+27,354	---
Total, Chemical Agents.....	1,059,818	1,091,844	1,091,844	+32,026	---
Drug Interdiction and Counter-Drug Activities, Defense					
Office of the Inspector General.....	970,764	886,426	1,162,161	+191,397	+275,735
Support for International Sporting Competitions.....	485,359	525,365	505,629	+20,270	-19,736
	10,377	---	---	-10,377	---
Total, title VI, Other Department of Defense Programs.....	41,751,419	40,917,595	42,125,106	+373,687	+1,207,511

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund.....	514,000	514,000	514,000	---	---
Intelligence Community Management Account (ICMA).....	562,265	650,000	608,820	+46,555	-41,180
	=====	=====	=====	=====	=====
Total, title VII, Related agencies.....	1,076,265	1,164,000	1,122,820	+46,555	-41,180

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec. 8005).....	(6,000,000)	(8,000,000)	(6,000,000)	---	(-2,000,000)
Indian Financing Act incentives (Sec. 8019).....	25,000	---	25,000	---	+25,000
FFRDC (Sec. 8024).....	-129,893	---	---	+129,893	---
Rescissions (Sec. 8043).....	-1,083,849	---	-804,687	+279,162	-804,687
Red Cross and United Service Organizations (Sec. 8048)	---	---	49,000	+49,000	+49,000
O&M, Defense-wide transfer authority (Sec. 8051).....	(30,000)	---	(30,000)	---	(+30,000)
National grants (Sec. 8052).....	49,000	---	---	-49,000	---
National Defense Stockpile Transaction Fund.....	93,500	---	---	-93,500	---
O&M, Army transfer authority (Sec. 8061).....	(158,967)	(175,944)	(175,944)	(+16,977)	---
Fisher House O&M Army Navy Air Force transfer authority (Sec. 8063).....	(11,000)	---	(11,000)	---	(+11,000)
Fisher House Foundation (Sec. 8064).....	5,000	---	5,000	---	+5,000
John C. Stennis Center for Public Service Development (Sec. 8065).....	(1,000)	---	(1,000)	---	(+1,000)
Additional transfer authority (Sec. 8081).....	(1,500,000)	(1,500,000)	(1,500,000)	---	---
Defense Health O&M transfer authority (Sec. 8084).....	(168,000)	(172,000)	(172,000)	(+4,000)	---
USSOUTHCOM and USSAFRICOM Allies and Partnership.....	200,000	---	---	-200,000	---
Public Schools on Military Installations.....	686,500	---	---	-686,500	---
Red Hill Recovery Fund.....	1,000,000	---	---	-1,000,000	---
Revised economic assumptions due to inflation.....	1,052,501	---	---	-1,052,501	---
Foreign Currency Fluctuations (Sec. 8128).....	-956,401	---	-950,000	+6,400	-950,000
Junior Enlisted Pay Increase (Sec. 8138).....	---	---	800,000	+800,000	+800,000
Total, title VIII, General Provisions.....	941,359	---	-875,687	-1,817,046	-875,687

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
OTHER APPROPRIATIONS					
UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2023 (P.L. 117-180 DIV B)					
Military Personnel					
Military Personnel, Army (emergency).....	110,107	---	---	-110,107	---
Military Personnel, Navy (emergency).....	462	---	---	-462	---
Military Personnel, Marine Corps (emergency).....	600	---	---	-600	---
Military Personnel, Air Force (emergency).....	11,582	---	---	-11,582	---
Total	122,751	---	---	-122,751	---
Operation and Maintenance					
Operation and Maintenance, Army (emergency).....	654,696	---	---	-654,696	---
Operation and Maintenance, Navy (emergency).....	433,035	---	---	-433,035	---
Operation and Maintenance, Marine Corps (emergency).....	34,984	---	---	-34,984	---
Operation and Maintenance, Air Force (emergency).....	267,084	---	---	-267,084	---
Operation and Maintenance, Space Force (emergency).....	1,771	---	---	-1,771	---
Operation and Maintenance, Defense-Wide (emergency).....	4,713,544	---	---	-4,713,544	---
Total	6,105,114	---	---	-6,105,114	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
Procurement					
Missile Procurement, Army (emergency).....	450,000	---	---	-450,000	---
Procurement of Ammunition, Army (emergency).....	540,000	---	---	-540,000	---
Other Procurement, Army (emergency).....	3,890	---	---	-3,890	---
Other Procurement, Navy (emergency).....	2,170	---	---	-2,170	---
Other Procurement, Air Force (emergency).....	437,991	---	---	-437,991	---
Procurement, Defense-Wide (emergency).....	9,770	---	---	-9,770	---
Total	1,443,821	---	---	-1,443,821	---
Research, Development, Test and Evaluation					
Research, Development, Test and Evaluation, Army (emergency).....	3,300	---	---	-3,300	---
Research, Development, Test and Evaluation, Navy (emergency).....	2,077	---	---	-2,077	---
Research, Development, Test and Evaluation, Air Force (emergency).....	99,704	---	---	-99,704	---
Research, Development, Test and Evaluation, Defense-Wide (emergency).....	31,230	---	---	-31,230	---
Total	136,311	---	---	-136,311	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
Other Department of Defense Programs					
Office of the Inspector General (emergency).....	2,000	---	---	-2,000	---
Related Agencies					
Intelligence Community Management Account (emergency).....	500	---	---	-500	---
Total, Division B - Ukraine Supplemental Appropriations Act, 2023.....	7,810,497	---	---	-7,810,497	---
ADDITIONAL UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2023					
DIVISION M					
Military Personnel					
Military Personnel, Army (emergency).....	54,252	---	---	-54,252	---
Military Personnel, Navy (emergency).....	1,386	---	---	-1,386	---
Military Personnel, Marine Corps (emergency).....	1,400	---	---	-1,400	---
Military Personnel, Air Force (emergency).....	31,028	---	---	-31,028	---
Military Personnel, Space Force (emergency).....	3,663	---	---	-3,663	---
Total.....	91,729	---	---	-91,729	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
Operation and Maintenance					
Operation and Maintenance, Army (emergency).....	3,020,741	---	---	-3,020,741	---
Operation and Maintenance, Navy (emergency).....	871,410	---	---	-871,410	---
Operation and Maintenance, Marine Corps (emergency)...	14,620	---	---	-14,620	---
Operation and Maintenance, Air Force (emergency).....	580,266	---	---	-580,266	---
Operation and Maintenance, Space Force (emergency)....	8,742	---	---	-8,742	---
Operation and Maintenance, Defense-Wide (emergency)...	21,160,737	---	---	-21,160,737	---
Total	25,656,516	---	---	-25,656,516	---
Procurement					
Missile Procurement, Army (emergency).....	354,000	---	---	-354,000	---
Procurement of Ammunition, Army (emergency).....	687,000	---	---	-687,000	---
Other Procurement, Army (emergency).....	6,000	---	---	-6,000	---
Other Procurement, Air Force (emergency).....	730,045	---	---	-730,045	---
Procurement, Defense-Wide (emergency).....	3,326	---	---	-3,326	---
Total	1,780,371	---	---	-1,780,371	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
Research, Development, Test and Evaluation					
Research, Development, Test and Evaluation, Army (emergency).....	5,800	---	---	-5,800	---
Research, Development, Test and Evaluation, Navy (emergency).....	38,500	---	---	-38,500	---
Research, Development, Test and Evaluation, Air Force (emergency).....	185,142	---	---	-185,142	---
Research, Development, Test and Evaluation, Defense-Wide (emergency).....	89,515	---	---	-89,515	---
Total.....	318,957	---	---	-318,957	---
Other Department of Defense Programs					
Defense Health Program:					
Operation and Maintenance (emergency).....	14,100	---	---	-14,100	---
Office of the Inspector General (emergency).....	6,000	---	---	-6,000	---
Total, Other Department of Defense Programs.....	20,100	---	---	-20,100	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
Related Agencies					
Intelligence Community Management Account (emergency).....	75	---	---	-75	---
Total, Division M - Additional Ukraine Supplemental Appropriations Act, 2023.....	27,867,748	---	---	-27,867,748	---
	=====	=====	=====	=====	=====
Total, Other Appropriations.....	35,678,245	---	---	-35,678,245	---
	=====	=====	=====	=====	=====
Grand total.....	833,887,995	826,846,133	826,932,000	-6,955,995	+285,867
(Appropriations).....	(799,293,599)	(826,846,133)	(827,736,687)	(+28,443,088)	(+1,090,554)
(Emergency appropriations).....	(35,678,245)	---	---	(-35,678,245)	---
(Rescissions).....	(-1,083,849)	---	(-804,687)	(+279,162)	(-804,687)
(Transfer Authority).....	(7,868,967)	(9,847,944)	(7,889,944)	(+20,977)	(-1,958,000)
DAP loan program negative subsidies.....	---	-9,000	-9,000	-9,000	---
Overseas Humanitarian, Disaster, and Civic Aid (PL 117-180) (Sec. 122) (transfer out emergency)....	(-3,000,000)	---	---	(+3,000,000)	---
United States emergency refugee and migration assistance fund (PL 117-180) (Sec. 122) (by transfer emergency).....	(3,000,000)	---	---	(-3,000,000)	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2023
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel.....	172,708,964	178,873,966	177,922,024	+5,213,060	-951,942
Title II - Operation and Maintenance.....	278,075,177	290,071,293	293,065,995	+14,990,818	+2,994,702
Title III - Procurement.....	162,241,330	169,056,946	165,061,083	+2,819,753	-3,995,863
Title IV - Research, Development, Test and Evaluation.	139,760,526	144,879,625	146,836,251	+7,075,725	+1,956,626
Title V - Revolving and Management Funds.....	1,654,710	1,682,708	1,674,408	+19,698	-8,300
Title VI - Other Department of Defense Programs.....	41,751,419	40,917,595	42,125,106	+373,687	+1,207,511
Title VII - Related Agencies.....	1,076,265	1,164,000	1,122,820	+46,555	-41,180
Title VIII - General Provisions.....	941,359	---	-875,687	-1,817,046	-875,687
Total, Department of Defense.....	833,887,995	826,646,133	826,932,000	-6,955,995	+285,867
=====					
Total, mandatory and discretionary.....	833,927,995	826,676,133	826,962,000	-6,965,995	+285,867
=====					