

Xerox

DIVISION ___ – DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024

The following is an explanation of the effects of this Act, which makes appropriations for the Department of Defense for fiscal year 2024. The joint explanatory statement accompanying this division is approved and indicates congressional intent. Unless otherwise noted, the language set forth in House Report 118-121 and Senate Report 118-81 carry the same weight as language included in this joint explanatory statement and should be complied with unless specifically addressed to the contrary in this joint explanatory statement. While some language is repeated for emphasis, it is not intended to negate the language referred to above unless expressly provided herein.

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.

The agreement notes the transmission of the budget justification documents known as the M-1 and O-1 to the congressional defense committees, which identify, at the budget activity, activity group, and subactivity group level, the amounts requested by the President to be appropriated to the Department of Defense for military personnel and operation and maintenance for fiscal year 2025. The Secretary of Defense is directed to provide such budget justification for any subsequent budget request or amended request.

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; operation and maintenance; 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. It is directed that funding increases shall be competitively awarded, or provided to programs that have received competitive awards in the past.

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 statement.

MULTI-YEAR PROCUREMENT CONTRACTS FOR CRITICAL MUNITIONS

The agreement supports greater use of multi-year procurement contracts for critical munitions to increase the Department of Defense's stocks of such munitions, improve warfighting readiness, stabilize the defense supply base with predictable production opportunities, and increase defense industrial capacity. As a result, the agreement provides multi-year procurement authority for six munitions programs requested in the fiscal year 2024 President's budget request: Advanced Medium Range Air-to-Air Missile, 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. This authority, and any associated funding, will provide the Department with the ability to procure more munitions at a lower cost through fiscal year 2028 as compared to single year procurements. The agreement directs the Secretary of Defense to negotiate multi-year procurement contracts which yield unit cost savings and industry commitments in facilitization with a particular focus on subcontractors in line with best practices including the ongoing approach to the VIRGINIA- and COLUMBIA-class, and other shipbuilding programs.

The agreement further directs the Secretary of Defense to provide reports on each munitions multi-year procurement award on a semi-annual basis until all such munitions have been delivered, to include projected and realized cost savings; impact of government and industry investment on capacity and associated supply chain, identification of potential risks and weaknesses; and analysis of the extent to which such multi-year procurement has created stability in the supply chain.

INNOVATION

The Department of Defense continues to identify innovation and expediting capability development as top priorities. The agreement supports these priorities and takes steps to better enable innovation efforts to expeditiously translate into fielded capabilities.

The ultimate objective of the capability development process must remain to field relevant and advanced systems at scale. The pursuit of innovation should enhance, not undermine, sound financial, acquisition, technical, and management best practices essential to delivering capabilities to warfighters on time and on budget.

To meet this challenge, the Department must harmonize innovation activities across various organizations within the Office of the Secretary of Defense and the Services. This requires efficient collaboration between requirements owners, acquisition officials, comptroller organizations, and other stakeholders. Moreover, vertical delegation of capability development decision-making down to these principals and their designees ensures that innovation efforts can fully leverage the existing capability development processes, authorities, and connection to the end users in the Services.

The agreement notes several changes within the Department's innovation ecosystem, including the organizational realignment of the Defense Innovation Unit (DIU) and creation of the Defense Innovation Steering Group, which introduce opportunities for optimizing innovation activities in the Office of the Secretary of Defense and the Services. However, the relative success of these organizational changes will be predicated on the Department's ability to ensure that innovation activities are rooted in clear statutory authorities, adequately resourced, and conducted with a unity of purpose.

To that end, the agreement directs the Service Secretaries to separately submit reports to the congressional defense committees, not later than 60 days after the enactment of this Act, that:

- (1) identify a lead innovation fielding organization with proven competence in partnering with commercial entities;
- (2) provide a plan to ensure proper leadership, multi-disciplinary and high performing staff, funding, reporting, and consolidated structures are available to advance innovation initiatives; and
- (3) detail processes and authorities used to "pull" innovation from the various defense-wide innovation entities as well as those within their respective military departments, to include an

analysis of procedural or budgetary obstacles that inhibit the fielding of relevant and advanced systems at scale.

Furthermore, the agreement directs the DIU Director to submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, that:

- (1) details the support for DIU, to include staffing, hiring speed, physical and digital infrastructure, functional support, authorities, security, and budgeting processes;
- (2) identifies new start projects in fiscal year 2024 including project descriptions; milestones; risks; obligations and expenditures; planned acquisition and transition strategy; Services, Joint Staff, combatant command, and interagency 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; and
- (3) evaluates the efficacy of Service participation in Defense Innovation Working Group activities, to include formal comment on reports submitted by the Service Secretaries pursuant to the above direction.

Finally, the agreement directs the Deputy Secretary of Defense, Vice Chairman of the Joint Chiefs of Staff and DIU Director, not later than 30 days after the enactment of this Act, to provide a briefing to the House and Senate Defense Appropriations Subcommittees that:

- (1) incorporates interim findings and progress on the reporting requirements herein; and
- (2) details how the Department intends to ensure continued advocacy for innovation fielding organizations and support for commercial entities.

Noting the importance of these changes, the agreement provides an additional \$841,774,000 in the DIU accounts including an additional \$131,874,000 for DIU prototyping and an additional \$589,400,000 for DIU fielding.

This language replaces the language under this heading in Senate Report 118-81 as well as the language under the headings “People: the Non-Traditional Innovation Fielding Enterprise”, “Portfolio: Defining and Resourcing a Hedge”, “Processes: Speed, Nexus, and Agile Requirements”, and “Practices: Flexibility and Accountability” in House Report 118-121.

REPLICATOR

The agreement includes more than \$200,000,000 in support of the Department of Defense's Replicator initiative, which aims to field thousands of autonomous, attritable systems over the next two years. Inclusion of funding in this Act demonstrates that existing authorities, when used purposefully and judiciously, are responsive to emerging needs. To facilitate continued oversight, the agreement directs the Deputy Secretary of Defense to provide a briefing to the House and Senate Defense Appropriations Subcommittees not later than 60 days after the enactment of this Act. The briefing shall include:

- (1) updated spending profiles and requirements for sustaining each system identified to receive Replicator funding, by fiscal year and by Service through fiscal year 2029;
- (2) security classification guidance; and
- (3) the concept of operations for the employment of each such system and relevant threat assessments.

Additionally, it is understood that there is a growing ecosystem of technologies from commercial entities capable of contributing to Replicator's identified objectives. Therefore, the agreement directs the Deputy Secretary of Defense to provide a report to the congressional defense committees, not later than 90 days after the enactment of this Act, which identifies:

- (1) the total amount of Small Business Innovation Research (SBIR) funds that have been obligated against projects with technologies consistent with the Replicator initiative (such as autonomous, attritable systems);
- (2) to the extent available, no less than five examples from each Service of commercial entities that have demonstrated autonomous, attritable systems; and
- (3) instances of commercial entities demonstrating autonomous, attritable systems that transitioned from SBIR projects to programs of record.

The reports required herein shall be submitted in unclassified form and may include a classified annex. The Department shall review additional direction on funding in this Act in the classified annex.

JUNIOR ENLISTED PAY

The Military Services are in the midst of one of the greatest recruiting crises since the creation of the all-volunteer force. For fiscal year 2023, the Department of Defense missed its recruiting goal by

41,000 recruits, with the Army, Navy, and Air Force each missing their recruiting goals. Since retention of enlisted servicemembers remains strong, those who continue to serve will promote to more senior grades, leaving a distressing shortfall in junior enlisted servicemembers, who account for 40 percent of the total active U.S. military force. The Nation needs America's youth to strongly consider uniformed service. Exquisite weaponry and strategic concepts are of limited value unless they are operated by a fully manned, ready, and motivated force.

While there is no apparent single cause for this recruiting crisis, the combination of a diminishing pool of qualified applicants and persistently low propensity to serve in our Armed Forces are leading contributors. To address the former, the Army and Navy are using preparatory courses to assist motivated recruits to meet enlistment standards, which have shown notable success to date. To address the latter, the agreement strongly believes that the Department of Defense must work with Congress, during fiscal year 2025, to provide legislative options for addressing this crisis to include, but not limited to, increases to junior enlisted basic military pay, as well as other ways to incentivize new recruits and prepare them for duty. Therefore, the agreement includes an additional \$43,000,000 to resource authorities provided in section 614 and section 621 of Public Law 118-131, which allows for monthly incentive bonuses for junior enlisted personnel through calendar year 2024 and expanded eligibility for the basic needs allowance. Further, the agreement includes an additional \$80,000,000 for enlistment bonuses to address identified unfunded requirements from the military services to help address the recruiting crisis. The agreement notes that section 532 of Public Law 117-263 provides authority for non-standard recruitment incentives and expects the Secretary to consider non-standard incentives along with cash compensation.

Finally, it is noted that the Department is currently conducting the 14th Quadrennial Review of Military Compensation (QRMC) to assess and offer recommendations to adjust military pay and benefits. The final QRMC report is expected by December 31, 2024. However, to more rapidly review and consider any proposed changes to compensation, the Secretary of Defense is directed to provide an interim briefing to the congressional defense committees, not later than 30 days after enactment of this Act, on proposals to increase junior enlisted basic pay as early as fiscal year 2025 (including associated cost estimates); how the Department of Defense will comply with sections 614 and 621 of Public Law 118-31; and the reporting requirements on the review of rates of military basic pay included in House

Report 118-301. Further, the Secretary of Defense shall provide a comprehensive briefing on these topics to the congressional defense committees by July 1, 2024.

CIVILIAN WORKFORCE

The agreement retains the language under the heading “Civilian Workforce Optimization” in House Report 118-121 with the exception of the fence of the Department of Defense Civilian Workforce Incentive Fund related to the deliverables directed in the reporting requirements.

Further, the Senate carried a provision stipulating that Department of Defense civilian personnel may not be managed on the basis of any constraint or limitation in terms of man years, end strength, full-time equivalent positions, or maximum number of employees. The agreement does not include this provision since this matter is addressed in the total force management policies and procedures established under section 129 and 129a of title 10, United States Code.

PLANNING, PROGRAMMING, BUDGETING AND EXECUTION REFORM

The House and Senate Defense Appropriations Subcommittees have no higher priority than providing needed resources to the warfighter. A return to near-peer competition, coupled with an increasingly unstable geopolitical environment, necessitate robust investments in our national defense and an appropriations process that meets the moment.

The agreement notes proposals that seek to modify the Department of Defense’s Planning, Programming, Budgeting and Execution (PPBE) process that include relaxing financial controls and oversight mechanisms that were put in place as the result of previous instances of financial mismanagement, unacceptable cost growth, or the expenditure of resources that, if applied more prudently, would have likely fielded capabilities sooner than the unrealistic timeframes set for many of these programs. At a time when the Department’s financial statement audits continue to largely result in disclaimers of opinion, caution is paramount when considering the relaxation of financial controls put in place to address past systemic failures. This includes the process governing the realignment of appropriated funds in accordance with section 8005 of this Act.

Section 8005 of this Act allows the Secretary of Defense to transfer enacted appropriations in the year of execution for higher priority items, based on unforeseen military requirements, than those for which originally appropriated. In addition to submitting prior approval reprogramming actions for

congressional review on a near-monthly basis pursuant to this section, the Department submits a large, mid-year omnibus reprogramming action each year that proposes to realign billions of dollars across dozens of programs. Typically, the initial congressional adjudication by the Committees on Appropriations of that mid-year omnibus reprogramming action does not exceed 35 days, which allows the Department to move forward well in advance of the end of the fiscal year. With respect to end-of-fiscal year reprogramming requests that the Department of Defense routinely submits in the last month of the fiscal year, there were 13 such reprogramming actions submitted to the Congress between fiscal year 2020 and 2023. 12 of those 13 reprogramming actions were adjudicated within two weeks, and all responses were adjudicated prior to the end of the fiscal year. In fiscal year 2023, the congressional defense committees received a reprogramming for urgent military personnel requirements on the 28th of September and all approved the request within one day. Factors that impact approval times of reprogramming actions include the timeliness and quality of amplifying information provided by the Department, either in advance or in response to congressional requests for information, as well as internal processing timelines at the Office of Management and Budget and the Department of Defense.

The agreement notes the desire of senior Department leaders to establish new starts in the middle of a fiscal year through reprogramming actions, and notes that typically, most new starts requested by the Department in the middle of the budget cycle are approved by the congressional defense committees. In fiscal years 2020 through 2023, the Department requested 61 new start programs via reprogramming during the ongoing fiscal year. Of those, 43 were approved in full by all four congressional defense committees. Only 10 were not explicitly approved by the House and Senate Defense Appropriations Subcommittees. Granting the Department blanket authority to establish new starts outside of the traditional budget review cycle would undermine the constitutional authority of the Congress regarding the expenditure of taxpayer funds. Congress' track record with respect to these requests demonstrates that the congressional defense committees have used this authority judiciously and, when used effectively, reprogramming actions serve as both a necessary part of congressional oversight and a budgetary tool for innovation and flexible employment by the Department. In recent years, several major changes and new start programs have been approved via reprogramming actions, including the establishment of the Army Futures Command and several of its cornerstone programs, and the initiation of the Air Force's E-7 Wedgetail program. This year, the agreement continues its track record of

supporting emergent and priority new starts outside of the PPBE cycle by accelerating the Department's Replicator effort through targeted increases.

Further, it is noted that the Department has not fully exercised the reprogramming authority available to it. The Department of Defense Appropriations Act, 2021 (Public Law 116–260) directed a report from the Comptroller General on the use of general transfer authority (GTA) and special transfer authority provided annually in the appropriations bills. The report indicates that from fiscal year 2011 through 2021, in only one year—fiscal year 2012—did the Department utilize 100 percent of the allotted GTA, at a total of \$3,750,000,000. Over a four-year period from fiscal year 2014 through fiscal year 2017, the Department utilized no more than 52 percent of its GTA. As of May 2023, the Department had used \$2,028,000,000 in fiscal year 2022 GTA or 34 percent of the \$6,000,000,000 allotment.

However, recognizing that long-established reprogramming thresholds have not kept pace with the growing cost of doing business, and to further address concerns about funding flexibility, the agreement increases the prior approval reprogramming thresholds for military personnel, operation and maintenance activities and the acquisition accounts, as detailed elsewhere in this explanatory statement.

In addition to processing reprogramming actions in an expeditious manner, the House and Senate Defense Appropriations Subcommittees have also demonstrated a willingness to work with the Department to improve the executability of appropriations, address out of cycle fact-of-life changes, or enact changes to budget structures in response to specific problems. This includes, the establishment of a pilot program for a portion of ship maintenance, repair, and modernization, which has shifted more than \$1,000,000,000 annually in funding from 1-year Operation and Maintenance, Navy funding to 3-year Other Procurement, Navy funding. The pilot program is a proven success, providing the Department of the Navy with a solution to the challenges associated with dynamic timing of ship maintenance availabilities by extending the fiscal period of availability to address a specific problem. Further, in support of the Department of the Army's Modernization Strategy, the enactment accelerated several budget line item consolidations. This consolidation supported or fully funded 31 modernization programs, eliminated 93 programs, and truncated 93 programs. As addressed elsewhere in this statement, the agreement directs the Secretary of the Army to study proposals for further budget line consolidation within the Other Procurement, Army account. Finally, in the last two budget cycles alone, the Air Force has requested 64 zero-sum budget changes following submission of the budget request, affecting 144 budget lines across multiple appropriations totaling over \$6,000,000,000. Many of these

requested realignments have been addressed, allowing the Air Force to properly phase funding for critical programs.

Ongoing, consistent, out-of-cycle dialogue between the Department of Defense and the House and Senate Defense Appropriations Subcommittees also addresses the most urgent needs of the Department throughout the fiscal year. For example, the Department of Defense Appropriations Act, 2023 (Public Law 117-328), accelerated the Navy's Goalkeeper program with an additional \$140,000,000 following close collaboration with the Navy on out-of-cycle program objectives and funding needs, provided additional resources to address recruiting shortfalls, and addressed inflationary impacts on the Department. This year, the agreement recommends additional resources to implement the recommendations of the suicide prevention commission, address continued recruiting shortfalls, and shore up the acquisition workforce. The agreement also includes multiple realignments to extend development programs, source program shortfalls, and repurpose procurement funding for immature systems. This includes, but is not limited to, the Army and Navy hypersonic programs, LRASM C-3 development, Sensor Fusion Weapon, Sentinel, C-130J Diminishing Manufacturing Sources, Integrated Visual Augmentation System, Maneuver Support Vessel, Abrams, and other programs. The agreement notes that none of these items were included in the budget request, or on unfunded priority lists submitted to the Congress, but are based on needs identified through consistent interaction between the House and Senate Defense Appropriations Subcommittees and the Services.

The agreement notes that the Department's PPBE process was reviewed by an independent Commission established by Congress and that the Commission's final report was released in March 2024. Additionally, it is noted that after the Commission released its interim report in August 2023 with 23 recommendations in total, the Deputy Secretary of Defense issued guidance to implement the 13 near-term recommendations across the Department. The House and Senate Defense Appropriations Subcommittees look forward to reviewing the recommendations of the Commission backed by clear, measurable outcomes or quantitative data, and continuing partnership with the Department of Defense, the defense industrial base, and other stakeholders to strike the proper balance of flexibility, accountability, and oversight in resourcing our National defense. The agreement directs that, unless specified elsewhere in this statement, no changes shall be made to the appropriations structure without prior consultation of the House and Senate Defense Appropriations Subcommittees.

AIR FORCE REOPTIMIZATION FOR GREAT POWER COMPETITION

On February 12, 2024, the Secretary of the Air Force announced an effort to reoptimize the Department of the Air Force to meet the challenges of Great Power Competition. The agreement notes that, to date, the Department of the Air Force has not provided thorough justification for this reorganization, a comprehensive implementation plan, or detailed budgetary information necessary for the Subcommittees to assess this plan.

Therefore, any fiscal year 2024 funding that is utilized for this reorganization is designated a congressional special interest item for the purpose of the Base for Reprogramming (DD Form 1414). The Secretary of the Air Force is directed to provide to the congressional defense committees, 30 days prior to executing any organizational changes related to this reorganization, a notification describing how the current organizational construct differs from the proposed construct; a proposed phasing of this reorganization along with cost estimates to implement each phase; a proposed laydown of new offices, commands, or centers and whether the strategic basing process is required for their establishment; a description of impacts to military and civilians positions by location; and the programmatic impacts of such decisions.

The Comptroller General is directed to submit a report to the House and Senate Defense Appropriations Subcommittees on the proposed reorganization of the Air and Space Forces, not later than 180 days after enactment of this Act, on the factors that were considered in the proposed reorganization; feedback from the geographic and functional combatant commanders; a description of the analysis conducted to determine the key decision areas; validation that a business case analysis was conducted to determine return on investment; estimated costs involved; estimated time to implement the plan; criteria to define success, including interim operational capability and full operational capability; how the Commission on Planning, Programming, Budgeting, and Execution Reform recommendations were considered and taken into account; and the potential impact of this reoptimization on joint and coalition forces.

ARTIFICIAL INTELLIGENCE

Not later than 60 days after the enactment of this Act, the Chief Digital and Artificial Intelligence Officer shall provide a report to the congressional defense committees identifying collaborative objectives for fiscal year 2024 for each Service, combatant command, and defense agency

participating in Alpha-1. Further, the report shall include each implementing partner's funding profile, by project, for initiatives associated with Alpha-1 in fiscal year 2024. This language replaces the directives under this heading in Senate Report 118-81.

JOINT ALL DOMAIN COMMAND AND CONTROL

The agreement notes the Department of Defense's progress in identifying a single acquisition executive accountable for the development and implementation of Joint All Domain Command and Control (JADC2). Not later than 45 days after the enactment of this Act, the Undersecretary of Defense for Acquisition and Sustainment shall provide a spend plan for JADC2 resources in the defense-wide accounts, as well as a resourcing and programming strategy for investment in JADC2 fires and common enterprise-level capabilities, by fiscal year, across the fiscal year 2025 future years defense program. This language replaces the directives under this heading in Senate Report 118-81.

FOREIGN OWNERSHIP OF LAND NEAR INSTALLATIONS OF THE DEPARTMENT OF DEFENSE IN THE UNITED STATES

The agreement directs the Secretary of Defense to, not later than 180 days after the enactment of this Act, submit a report to the congressional defense committees that contains a review of ownership or leasing by foreign persons or governments of land near Department of Defense installations in the United States, particularly involving countries of concern; an assessment of the threat that such ownership poses to United States national security; and a description of steps taken or planned to mitigate these threats and prevent them in the future. The agreement directs the Secretary of Defense to coordinate with the heads of other federal agencies, to include the Secretary of Agriculture and the Secretary of the Treasury as Chair of the Committee on Foreign Investment in the United States on the findings of this report. This directive replaces the directives under this heading in Senate Report 118-81 and under the heading "Report on National Security Risks from Certain Land Purchases" in House Report 118-121.

DEFENSE OF GUAM

The agreement directs the Secretary of Defense to provide an update not later than 90 days after enactment of this Act, and quarterly updates thereafter, to the congressional defense committees on the

status of the mission to support the defense of Guam, to include the status of environmental impact statements and site surveys required to support placement of weapon systems supporting the defense of Guam; the upgrades to Guam's infrastructure required to support the mission; development and acquisition schedules of anticipated weapons systems and corresponding deployment schedules of such systems; manning requirements for the defense of Guam mission; and obligation and expenditure data on all funding related to the defense of Guam. These updates shall be provided at an unclassified and classified level, as required. This language replaces the similar reporting requirement under this heading in Senate Report 118-81, and the similar reporting requirement under this heading in the joint explanatory statement accompanying the Department of Defense Appropriations Act, 2023 (Public Law 117-328).

CONFUCIUS INSTITUTES

The agreement notes that existing law limits Department of Defense funding, other than direct student aid, to institutes of higher education that host Confucius Institutes. The agreement directs the Secretary of Defense to provide a report to the congressional defense committees, not later than 90 days after the enactment of this Act, identifying all institutions of higher education that host a Confucius Institute, as defined by section 1044 of the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31), and are recipients of funding from the Department as of the date of enactment of this Act. The report shall identify the criteria by which waivers pursuant to section 1062 of the William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116-283) are granted, the number of waiver applications submitted, if any, and the number of waiver applications approved, if any.

HYPERSONIC WEAPONS

The agreement supports the nation's hypersonic weapon programs and provides a total of \$2,131,975,000 for the Army's Long-Range Hypersonic Weapon and the Navy's Conventional Prompt Strike hypersonic weapon system. In light of additional required testing and development efforts following the most recent Joint Flight Campaign 2 test event, the agreement shifts funds from procurement accounts to development accounts, as requested by the services, in order to mitigate risk, expand testing, and further design maturity. This includes a transfer of \$200,000,000 to the Research,

Development, Test and Evaluation, Navy account from the Weapons Procurement, Navy account and a transfer of \$23,713,000 to the Research, Development, Test and Evaluation, Army account (RDT&E,A) from the Missile Procurement, Army account. The agreement also includes an additional transfer of \$130,630,000 between RDT&E,A program elements to properly align hypersonic resources within the account.

PROHIBITION OF OBLIGATIONS AGAINST RESCISSIONS

The agreement notes that the Department obligated appropriated funding within the Procurement, Defense-Wide for Special Operations Command, and Missile Procurement, Army accounts after rescissions were proposed for the same funding in Committee-passed appropriations bills for fiscal year 2024.

The Undersecretary of Defense (Comptroller) is directed, in coordination with the Assistant Secretaries for Financial Management and Comptroller of the Army, Navy, and Air Force, to address this concern.

SPACE FORCE MISSION AREA BUDGET REPORT

The agreement directs the Secretary of the Air Force to prepare a report for Space Force programs that compiles and traces all existing budget lines for programs, projects, and activities into mission areas, such as missile warning, satellite communications, and position, navigation, and timing. The report shall also include separate mission areas for enterprise management, enterprise information technology, and facilities and logistics. Each mission area shall include a clear statement of the mission goals and plans, a detailed and compelling justification for the requested budget, personnel requirements, and identification of all the relevant funding by individual budget line items across appropriations. The Secretary of the Air Force is directed to submit the fully completed report with the submission of the fiscal year 2025 President's budget request.

MEMORIAL FOR SERVICEMEMBERS KILLED IN ATTACK ON HAMID KARZAI INTERNATIONAL AIRPORT

The agreement encourages the Secretary of Defense to establish a commemorative work to honor the 13 servicemembers who died in the bombing attack on Hamid Karzai International Airport, Kabul,

Afghanistan, on August 26, 2021, as directed in section 1084 of the James M. Inhofe National Defense Authorization Act for Fiscal Year 2023 (Public Law 117-263).

JOINT SAFETY COUNCIL

The agreement supports changes made by section 363 of the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31) that improve the Joint Safety Council's ability to analyze and address nonconformities found during aircraft mishap investigations. Each of the Service Secretaries is directed, in the instances of a mishap leading to a fatality, and upon completion of the mishap investigation, to share all relevant and releasable information with the next of kin in accordance with section 1072 of the National Defense Authorization Act for Fiscal Year 1993 (Public Law 102-484).

FIELD OPERATING AGENCIES

Consistent with prior years, the agreement retains a general provision restricting the establishment of new Field Operating Agencies (FOA) in section 8044 of title VIII of this Act. In recent years, the Space Force has sought to establish three new FOAs, including the Space Warfighting Analysis Center, National Space Intelligence Center, and the Enterprise Talent Management Office. The agreement notes that the FOA provision carries an exception for activities funded within the National Intelligence Program. The National Space Intelligence Center meets the criteria for establishment as a FOA under this exception. In addition, the general provision provides a waiver process through the Secretary of Defense that allows the establishment of FOAs. It should be noted that other Services have similar organizations that already operate as FOAs.

Further, the Secretary of the Air Force, in coordination with the Chief of Space Operations, is directed to submit a report to the congressional defense committees, not later than 90 days after the enactment of this Act, that details any organizational inefficiencies that may exist under the Space Force's current organizational structure, and the impacts that this general provision has on the Space Force's organizational structure.

RED CROSS SUPPORT

The agreement includes a \$25,000,000 grant to the Red Cross to continue its longstanding support of servicemembers and their families. The Secretary of Defense, in coordination with the Red Cross, is directed to submit a detailed spend plan to the House and Senate Defense Appropriations Subcommittees not less than 60 days prior to the obligation of these funds. Additionally, the report shall detail the use of grant funding provided to the Red Cross for fiscal years 2020 through 2023.

TELEWORK AND REMOTE WORK

The agreement notes the recent update to the Department of Defense (DOD) Instruction 1035.01 *Telework and Remote Work*, which establishes policy, assigns responsibilities, and prescribes procedures for telework and remote work in the DOD.

The Comptroller General is directed to submit a report to the congressional defense committees, not later than 180 days after enactment of this Act, that assesses the Department's adherence to internal telework and remote work instructions and policies; the scope of regular and recurring telework and remote work, to include the number of Department employees, by grade and occupational series; the cost and efficacy of regular and recurring telework and remote work when compared to traditional in-person arrangements; the impact of regular and recurring telework and remote work on the training and development of new and existing employees; the access and effectiveness of personnel supporting classified programs via regular and recurring telework and remote work; and impact of regular and recurring telework and remote work on organizational cohesion.

REPORT ON RESTRICTIONS WITH TAIWAN

The agreement directs the Secretary of Defense to, not later than 90 days after the enactment of this Act, submit a report to the House and Senate Appropriations Committees on the impacts of current restrictions on interacting with Taiwan, including the restrictions in the Department of State's June 29, 2021, Memorandum for All Department and Agency Executive Secretaries entitled "Revised Guidelines on Interacting with Taiwan."

TITLE I - MILITARY PERSONNEL

The agreement provides \$176,244,339,000 in Title I, Military Personnel.

~~(INSERT MILPERS RECAP TABLE)~~ (Insert 18A

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL

RECAPITULATION		
MILITARY PERSONNEL, ARMY.....	50,363,906	50,041,206
MILITARY PERSONNEL, NAVY.....	38,020,388	36,707,388
MILITARY PERSONNEL, MARINE CORPS.....	15,579,629	15,268,629
MILITARY PERSONNEL, AIR FORCE.....	36,766,530	36,204,130
MILITARY PERSONNEL, SPACE FORCE.....	1,266,573	1,256,973
RESERVE PERSONNEL, ARMY.....	5,367,436	5,367,436
RESERVE PERSONNEL, NAVY.....	2,504,718	2,472,718
RESERVE PERSONNEL, MARINE CORPS.....	903,928	878,928
RESERVE PERSONNEL, AIR FORCE.....	2,471,408	2,428,553
NATIONAL GUARD PERSONNEL, ARMY.....	9,783,569	9,791,213
NATIONAL GUARD PERSONNEL, AIR FORCE.....	5,292,425	5,272,165
GRAND TOTAL, TITLE I, MILITARY PERSONNEL.....	=====	=====
	168,320,510	165,689,339
GRAND TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	10,555,000	10,555,000
GRAND TOTAL, MILITARY PERSONNEL.....	=====	=====
	178,875,510	176,244,339

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SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal year 2023 authorized	Fiscal year 2024			
		Budget Request	Final Bill	Change from request	Change from fiscal year 2023
Active Forces (End Strength)					
Army	452,000	452,000	445,000	-7,000	-7,000
Navy	354,000	347,000	337,800	-9,200	-16,200
Marine Corps	177,000	172,300	172,300	---	-4,700
Air Force	325,344	324,700	320,000	-4,700	-5,344
Space Force	8,600	9,400	9,400	---	800
Total, Active Forces	1,316,944	1,305,400	1,284,500	-20,900	-32,444
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	32,000	-1,600	-1,000
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	105,000	-3,400	-3,400
Total, Selected Reserve	770,400	768,600	763,600	-5,000	-6,800
Total, Military Personnel	2,087,344	2,074,000	2,048,100	-25,900	-39,244

MILITARY PERSONNEL OVERVIEW

The agreement provides the resources required for 1,284,500 active forces and 763,600 selected reserve forces in order to meet operational needs for fiscal year 2024. The agreement also provides the funding necessary to support a 5.2 percent pay raise for all military personnel, effective January 1, 2024.

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 the joint explanatory statement are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). This includes the program increases for basic allowance for subsistence, basic allowance for housing, dislocation allowance, basic needs allowance and temporary lodging expense. Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the joint explanatory statement. 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.

IMPROPER RELEASE OF PERSONALLY IDENTIFIABLE INFORMATION

The Air Force has acknowledged the improper release of Personally Identifiable Information (PII) between January 2021 and January 2023. Therefore, the agreement directs the Secretary of Defense to submit a report to the congressional defense committees on the steps being taken across the Services to prevent a future breach of PII not later than 90 days after the enactment of this Act. Further, the agreement directs the Secretary of the Air Force to submit to the congressional defense committees an update on the investigation into the release of this information. This update shall be provided not later than 30 days after the enactment of this Act, and quarterly thereafter, until the conclusion of the investigation.

ENHANCED PRIVACY PROTECTIONS FOR SERVICEMEMBERS

The agreement directs the Assistant to the Secretary of Defense for Privacy, Civil Liberties, and Transparency to conduct a review of the Department of Defense privacy policy contained in paragraph C4.2.2.5.2 of regulation DoD 5400.11-R to ensure appropriate consideration of the privacy interests of

current and former servicemembers, and to provide a report to the congressional defense committees not later than 180 days after the enactment of this Act.

SPACE FORCE PERSONNEL MANAGEMENT

The agreement directs the Secretary of the Air Force to keep the congressional defense committees apprised of plans to implement title 17 of the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31). Further, should a realignment of funds be required to implement these authorities, the agreement directs the Under Secretary of Defense (Comptroller) to use normal prior approval reprogramming procedures in accordance with section 8005.

OVERSEAS COST-OF-LIVING ALLOWANCE ADJUSTMENTS

The agreement directs the Secretary of Defense to provide a briefing to the House and Senate Defense Appropriations Subcommittees, not later than 45 days after enactment of this Act, on the process for determining Overseas Cost-of-Living Allowances (OCOLA) for members of the uniformed services at locations in which the annual OCOLA adjustment will result in a reduction of ten index points or more. The briefing shall also include a holistic assessment of how this process accounts for any unique living requirements and other challenges faced by members in those locations.

Additionally, the agreement directs the Secretary of Defense to submit a report to the House and Senate Defense Appropriations Subcommittees regarding reductions and increases to OCOLA during the previous calendar year consistent with the requirement established under section 627 of the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31).

AIR NATIONAL GUARD FULL-TIME MANPOWER INITIATIVES

The Air National Guard (ANG) plans to implement force structure changes to full-time positions, beginning in fiscal year 2025, in an effort to standardize personnel levels among units performing similar missions. However, it is unclear how this proposal accounts for unique missions performed by individual Guard units in support of other military commands or whether the National Guard Bureau's (NGB) proposed plan does account for such missions, including certain search and rescue missions and tanker airlift planning and support. Therefore, the agreement directs the Secretary of Defense to provide to the congressional defense committees, not later than 60 days after enactment of this act, a report that

includes the following elements: (1) a description of the coordination and consultation with any global combatant command or Air Force major command that has missions affected by the ANG's plan that took place prior to and subsequent to the ANG's notification of its force structure realignments, and (2) a description from each of the relevant combatant commands or Air Force major commands, including at a minimum U.S. Northern Command and Air Mobility Command, as to whether the implementation of this NGB proposal would have an adverse effect on the ability of ANG units to continue to conduct missions in support of other military commands, including those necessary to support homeland defense, the protection of life, and national security.

MILITARY PERSONNEL, ARMY

The agreement provides \$50,041,206,000 for Military Personnel, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 23 A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

M-1	Budget Request	Final Bill
5 BASIC PAY	9,125,119	9,125,119
10 RETIRED PAY ACCRUAL	2,689,228	2,689,228
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	100,934	100,934
25 BASIC ALLOWANCE FOR HOUSING	2,736,833	2,736,833
30 BASIC ALLOWANCE FOR SUBSISTENCE	381,692	381,692
35 INCENTIVE PAYS	99,364	99,364
40 SPECIAL PAYS Program increase - medical pay bonuses	380,166	395,166 15,000
45 ALLOWANCES	155,377	155,377
50 SEPARATION PAY	73,610	73,610
55 SOCIAL SECURITY TAX	695,596	695,596
60 BASIC PAY	15,838,264	15,838,264
65 RETIRED PAY ACCRUAL	4,679,458	4,679,458
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	296,009	296,009
80 BASIC ALLOWANCE FOR HOUSING	5,544,896	5,544,896
85 INCENTIVE PAYS	83,975	83,975
90 SPECIAL PAYS	1,120,730	1,120,730
95 ALLOWANCES	648,509	648,509
100 SEPARATION PAY	314,443	314,443
105 SOCIAL SECURITY TAX	1,211,627	1,211,627
110 ACADEMY CADETS	107,478	107,478
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,542,267	1,542,267
120 SUBSISTENCE-IN-KIND	790,328	790,328
125 ACCESSION TRAVEL	131,529	131,529
130 TRAINING TRAVEL	167,460	167,460

23 A

M-1	Budget Request	Final Bill
135 OPERATIONAL TRAVEL	441,015	441,015
140 ROTATIONAL TRAVEL	678,526	678,526
145 SEPARATION TRAVEL	231,136	231,136
150 TRAVEL OF ORGANIZED UNITS	5,181	5,181
155 NON-TEMPORARY STORAGE	14,740	14,740
160 TEMPORARY LODGING EXPENSE	160,247	160,247
170 APPREHENSION OF MILITARY DESERTERS	86	86
175 INTEREST ON UNIFORMED SERVICES SAVINGS	1,977	1,977
180 DEATH GRATUITIES	34,400	34,400
185 UNEMPLOYMENT BENEFITS	57,231	57,231
200 ADOPTION EXPENSES	231	231
210 TRANSPORTATION SUBSIDY	4,631	4,631
215 PARTIAL DISLOCATION ALLOWANCE	300	300
216 SGLI EXTRA HAZARD PAYMENTS	3,358	3,358
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	104,684	104,684
218 JUNIOR ROTC	24,660	24,660
219 TRAUMATIC INJURY PROTECTION COVERAGE (T-SGLI)	500	500
LESS REIMBURSABLES	-313,889	-313,889
UNDISTRIBUTED ADJUSTMENT	0	-337,700
Underexecution of strength		-360,700
Program increase - implementation of Sec. 614 and Sec. 621 of Public Law 118-31		23,000
TOTAL, TITLE I, MILITARY PERSONNEL, ARMY	50,363,906	50,041,206
300 HEALTH CARE CONTRIBUTION - OFFICERS	592,533	593,000
300 HEALTH CARE CONTRIBUTION - ENLISTED	2,254,182	2,254,000
TOTAL, MILITARY PERSONNEL, ARMY	53,210,621	52,888,206

23B

MILITARY PERSONNEL, NAVY

The agreement provides \$36,707,388,000 for Military Personnel, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 24A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Final Bill
5 BASIC PAY	5,396,209	5,396,209
10 RETIRED PAY ACCRUAL	1,614,147	1,614,147
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	80,484	80,484
25 BASIC ALLOWANCE FOR HOUSING	2,033,804	2,033,804
30 BASIC ALLOWANCE FOR SUBSISTENCE	219,578	219,578
35 INCENTIVE PAYS	172,751	172,751
40 SPECIAL PAYS	483,232	483,232
45 ALLOWANCES	116,422	116,422
50 SEPARATION PAY	43,046	43,046
55 SOCIAL SECURITY TAX	412,085	412,085
60 BASIC PAY	12,128,900	12,128,900
65 RETIRED PAY ACCRUAL	3,633,621	3,633,621
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	184,961	184,961
80 BASIC ALLOWANCE FOR HOUSING	6,172,591	6,172,591
85 INCENTIVE PAYS	114,539	114,539
90 SPECIAL PAYS Program increase - enlistment bonuses	1,348,387	1,388,387 40,000
95 ALLOWANCES	464,554	464,554
100 SEPARATION PAY	114,504	114,504
105 SOCIAL SECURITY TAX	927,945	927,945
110 MIDSHIPMEN	110,242	110,242
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,074,172	1,074,172
120 SUBSISTENCE-IN-KIND	536,995	536,995
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	5	5
125 ACCESSION TRAVEL	103,198	103,198

(24 A)

M-1	Budget Request	Final Bill
130 TRAINING TRAVEL	114,694	114,694
135 OPERATIONAL TRAVEL	304,458	304,458
140 ROTATIONAL TRAVEL	250,005	250,005
145 SEPARATION TRAVEL	127,644	127,644
150 TRAVEL OF ORGANIZED UNITS	31,505	31,505
155 NON-TEMPORARY STORAGE	15,647	15,647
160 TEMPORARY LODGING EXPENSE	41,227	41,227
170 APPREHENSION OF MILITARY DESERTERS	84	84
175 INTEREST ON UNIFORMED SERVICES SAVINGS	510	510
180 DEATH GRATUITIES	20,200	20,200
185 UNEMPLOYMENT BENEFITS	50,854	50,854
195 EDUCATION BENEFITS	752	752
200 ADOPTION EXPENSES	157	157
210 TRANSPORTATION SUBSIDY	2,585	2,585
215 PARTIAL DISLOCATION ALLOWANCE	58	58
216 SGLI EXTRA HAZARD PAYMENTS	5,010	5,010
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	22,326	22,326
218 JUNIOR ROTC	16,534	16,534
LESS REIMBURSABLES	-470,234	-470,234
UNDISTRIBUTED ADJUSTMENT	0	-1,353,000
Underexecution of strength		-1,368,000
Program increase - implementation of Sec. 614 and Sec. 621 of Public Law 118-31		15,000
TOTAL, TITLE I, MILITARY PERSONNEL, NAVY	38,020,388	36,707,388
300 HEALTH CARE CONTRIBUTION - OFFICERS	362,754	363,000
300 HEALTH CARE CONTRIBUTION - ENLISTED	1,812,903	1,813,000
TOTAL, MILITARY PERSONNEL, NAVY	40,196,045	38,883,388

24 B

MILITARY PERSONNEL, MARINE CORPS

The agreement provides \$15,268,629,000 for Military Personnel, Marine Corps, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ *2* (Insert 25 A-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

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

(25A)

M-1	Budget Request	Final Bill
140 ROTATIONAL TRAVEL	92,267	92,267
145 SEPARATION TRAVEL	94,787	94,787
150 TRAVEL OF ORGANIZED UNITS	343	343
155 NON-TEMPORARY STORAGE	8,637	8,637
160 TEMPORARY LODGING EXPENSE	3,388	3,388
165 OTHER	1,857	1,857
170 APPREHENSION OF MILITARY DESERTERS	256	256
175 INTEREST ON UNIFORMED SERVICES SAVINGS	73	73
180 DEATH GRATUITIES	13,600	13,600
185 UNEMPLOYMENT BENEFITS	14,843	14,843
200 ADOPTION EXPENSES	80	80
210 TRANSPORTATION SUBSIDY	558	558
215 PARTIAL DISLOCATION ALLOWANCE	26	26
216 SGLI EXTRA HAZARD PAYMENTS	1,726	1,726
218 JUNIOR ROTC	4,079	4,079
LESS REIMBURSABLES	-26,700	-26,700
UNDISTRIBUTED ADJUSTMENT	0	-311,000
Underexecution of strength		-313,000
Program increase - implementation of Sec. 614 and Sec. 621 of Public Law 118-31		2,000
TOTAL, TITLE I, MILITARY PERSONNEL, MARINE CORPS	15,579,629	15,268,629
300 HEALTH CARE CONTRIBUTION - OFFICERS	138,585	139,000
300 HEALTH CARE CONTRIBUTION - ENLISTED	964,350	964,000
TOTAL, MILITARY PERSONNEL, MARINE CORPS	16,682,564	16,371,629

25B

MILITARY PERSONNEL, AIR FORCE

The agreement provides \$36,204,130,000 for Military Personnel, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ ² (Insert 26A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Final Bill
5 BASIC PAY	6,144,316	6,144,316
10 RETIRED PAY ACCRUAL	1,822,432	1,822,432
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	98,618	98,618
25 BASIC ALLOWANCE FOR HOUSING	1,905,549	1,905,549
30 BASIC ALLOWANCE FOR SUBSISTENCE	245,227	245,227
35 INCENTIVE PAYS	445,356	445,356
40 SPECIAL PAYS	381,481	381,481
45 ALLOWANCES	123,972	123,972
50 SEPARATION PAY	38,784	38,784
55 SOCIAL SECURITY TAX	469,428	469,428
60 BASIC PAY	11,534,996	11,534,996
65 RETIRED PAY ACCRUAL	3,427,716	3,427,716
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	243,532	243,532
80 BASIC ALLOWANCE FOR HOUSING	5,005,076	5,005,076
85 INCENTIVE PAYS	71,182	71,182
90 SPECIAL PAYS Program increase - initial enlistment bonuses	398,310	423,310 25,000
95 ALLOWANCES	652,095	652,095
100 SEPARATION PAY	68,674	68,674
105 SOCIAL SECURITY TAX	882,428	882,428
110 ACADEMY CADETS	100,522	100,522
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,368,139	1,368,139
120 SUBSISTENCE-IN-KIND	322,990	322,990
125 ACCESSION TRAVEL	95,864	95,864
130 TRAINING TRAVEL	66,338	66,338

M-1	Budget Request	Final Bill
135 OPERATIONAL TRAVEL	338,094	338,094
140 ROTATIONAL TRAVEL	579,562	579,562
145 SEPARATION TRAVEL	136,259	136,259
150 TRAVEL OF ORGANIZED UNITS	13,521	13,521
155 NON-TEMPORARY STORAGE	32,038	32,038
160 TEMPORARY LODGING EXPENSE	99,166	99,166
170 APPREHENSION OF MILITARY DESERTERS	26	26
175 INTEREST ON UNIFORMED SERVICES SAVINGS	1,644	1,644
180 DEATH GRATUITIES	16,300	16,300
185 UNEMPLOYMENT BENEFITS	29,781	29,781
195 EDUCATION BENEFITS	4	4
200 ADOPTION EXPENSES	407	407
210 TRANSPORTATION SUBSIDY	7,610	7,610
215 PARTIAL DISLOCATION ALLOWANCE	24,647	24,647
216 SGLI EXTRA HAZARD PAYMENTS	5,680	5,680
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	36,823	36,823
218 JUNIOR ROTC	24,657	24,657
LESS REIMBURSABLES	-492,714	-492,714
UNDISTRIBUTED ADJUSTMENT	0	-587,400
Underexecution of strength		-589,400
Program increase - implementation of Sec. 614 and Sec. 621 of Public Law 118-31		2,000
TOTAL, TITLE I, MILITARY PERSONNEL, AIR FORCE	36,766,530	36,204,130
300 HEALTH CARE CONTRIBUTION - OFFICERS	390,865	391,000
300 HEALTH CARE CONTRIBUTION - ENLISTED	1,657,114	1,657,000
TOTAL, MILITARY PERSONNEL, AIR FORCE	38,814,509	38,252,130

MILITARY PERSONNEL, SPACE FORCE

The agreement provides \$1,256,973,000 for Military Personnel, Space Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 27A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

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

27 A

M-1	Budget Request	Final Bill
160 TEMPORARY LODGING EXPENSE	2,422	2,422
180 DEATH GRATUITIES	1,600	1,600
185 UNEMPLOYMENT BENEFITS	1,086	1,086
200 ADOPTION EXPENSES	8	8
210 TRANSPORTATION SUBSIDY	170	170
216 SGLI EXTRA HAZARD PAYMENTS	42	42
UNDISTRIBUTED ADJUSTMENT	0	-9,600
Unobligated balances		-10,600
Program increase - implementation of Sec. 614 and Sec. 621 of Public Law 118-31		1,000
TOTAL, TITLE I, MILITARY PERSONNEL, SPACE FORCE	1,266,573	1,256,973
300 HEALTH CARE CONTRIBUTION - OFFICERS	28,547	29,000
300 HEALTH CARE CONTRIBUTION - ENLISTED	29,469	29,000
TOTAL, MILITARY PERSONNEL, SPACE FORCE	1,324,589	1,314,973

27B

RESERVE PERSONNEL, ARMY

The agreement provides \$5,367,436,000 for Reserve Personnel, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ R (Insert 28A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

M-1	Budget Request	Final Bill
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,592,538	1,592,538
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	47,438	47,438
30 PAY GROUP F TRAINING (RECRUITS)	239,074	239,074
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	6,336	6,336
60 MOBILIZATION TRAINING	2,678	2,678
70 SCHOOL TRAINING	238,216	238,216
80 SPECIAL TRAINING	365,520	365,520
90 ADMINISTRATION AND SUPPORT	2,735,707	2,735,707
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	25,635	25,635
100 EDUCATION BENEFITS	14,665	14,665
120 HEALTH PROFESSION SCHOLARSHIP	60,890	60,890
130 OTHER PROGRAMS (ADMIN & SUPPORT)	38,739	38,739
TOTAL, TITLE I, RESERVE PERSONNEL, ARMY	5,367,436	5,367,436
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	502,581	503,000
TOTAL, RESERVE PERSONNEL, ARMY	5,870,017	5,870,436

(28 A)

RESERVE PERSONNEL, NAVY

The agreement provides \$2,472,718,000 for Reserve Personnel, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 29A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Final Bill
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	795,087	795,087
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	11,602	11,602
30 PAY GROUP F TRAINING (RECRUITS)	53,811	53,811
60 MOBILIZATION TRAINING	16,085	16,085
70 SCHOOL TRAINING	68,856	68,856
80 SPECIAL TRAINING	151,068	151,068
90 ADMINISTRATION AND SUPPORT	1,333,883	1,333,883
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	10,968	10,968
100 EDUCATION BENEFITS	2,323	2,323
120 HEALTH PROFESSION SCHOLARSHIP	61,035	61,035
UNDISTRIBUTED ADJUSTMENT	0	-32,000
Underexecution of strength		-32,000
TOTAL, TITLE I, RESERVE PERSONNEL, NAVY	2,504,718	2,472,718
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	183,698	184,000
TOTAL, RESERVE PERSONNEL, NAVY	2,688,416	2,656,718

(29 A)

RESERVE PERSONNEL, MARINE CORPS

The agreement provides \$878,928,000 for Reserve Personnel, Marine Corps, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ ← (Insert 30A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

M-1	Budget Request	Final Bill
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	266,019	266,019
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	54,276	54,276
30 PAY GROUP F TRAINING (RECRUITS)	137,336	137,336
60 MOBILIZATION TRAINING	1,426	1,426
70 SCHOOL TRAINING	27,169	27,169
80 SPECIAL TRAINING	65,086	65,086
90 ADMINISTRATION AND SUPPORT	331,318	331,318
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	7,747	7,747
95 PLATOON LEADER CLASS	7,469	7,469
100 EDUCATION BENEFITS	6,082	6,082
UNDISTRIBUTED ADJUSTMENT	0	-25,000
Underexecution of strength		-25,000
TOTAL, TITLE I, RESERVE PERSONNEL, MARINE CORPS	903,928	878,928
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	94,316	94,000
TOTAL, RESERVE PERSONNEL, MARINE CORPS	998,244	972,928

(30 A)

RESERVE PERSONNEL, AIR FORCE

The agreement provides \$2,428,553,000 for Reserve Personnel, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 31A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Final Bill
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	757,342	757,342
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	113,309	113,309
30 PAY GROUP F TRAINING (RECRUITS)	60,515	60,515
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	5,146	5,146
60 MOBILIZATION TRAINING	769	769
70 SCHOOL TRAINING	198,725	198,725
80 SPECIAL TRAINING	333,078	333,078
90 ADMINISTRATION AND SUPPORT	902,980	902,980
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	15,734	15,734
100 EDUCATION BENEFITS	10,404	10,404
120 HEALTH PROFESSION SCHOLARSHIP	72,435	72,435
130 OTHER PROGRAMS (ADMIN & SUPPORT)	971	971
UNDISTRIBUTED ADJUSTMENT	0	-42,855
Underexecution of strength		-42,855
TOTAL, TITLE I, RESERVE PERSONNEL, AIR FORCE	2,471,408	2,428,553
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	198,046	198,000
TOTAL, RESERVE PERSONNEL, AIR FORCE	2,669,454	2,626,553

(31A)

NATIONAL GUARD PERSONNEL, ARMY

The agreement provides \$9,791,213,000 for National Guard Personnel, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 32A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Final Bill
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	2,720,787	2,720,787
30 PAY GROUP F TRAINING (RECRUITS)	600,118	600,118
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	60,361	60,361
70 SCHOOL TRAINING	591,765	592,765
Program increase - Army Mountain Warfare School operations		1,000
80 SPECIAL TRAINING	819,779	852,423
Program increase - State Partnership Program		9,100
Program increase - Northern Strike		8,500
Program increase - wildfire training		8,500
Program increase - advanced trauma and public health direct training services		3,044
Program increase - irregular warfare training exercises		3,500
90 ADMINISTRATION AND SUPPORT	4,941,628	4,941,628
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	38,840	38,840
100 EDUCATION BENEFITS	10,291	10,291
UNDISTRIBUTED ADJUSTMENT	0	-26,000
Historical unobligated balances		-27,000
Program increase - National Guard Mission Assurance Program		1,000
TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, ARMY	9,783,569	9,791,213
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	971,647	972,000
TOTAL, NATIONAL GUARD PERSONNEL, ARMY	10,755,216	10,763,213

NATIONAL GUARD PERSONNEL, AIR FORCE

The agreement provides \$5,272,165,000 for National Guard Personnel, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 33A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

M-1	Budget Request	Final Bill
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,125,121	1,125,121
30 PAY GROUP F TRAINING (RECRUITS)	106,460	106,460
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	4,405	4,405
70 SCHOOL TRAINING	319,496	319,496
80 SPECIAL TRAINING	217,458	231,098
Program increase - State Partnership Program		2,800
Program increase - Northern Strike		2,000
Program increase - advanced trauma and public health direct training services		2,840
Program increase - wildfire training		6,000
90 ADMINISTRATION AND SUPPORT	3,475,783	3,475,783
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	27,540	27,540
100 EDUCATION BENEFITS	16,162	16,162
UNDISTRIBUTED ADJUSTMENT	0	-33,900
Underexecution of strength		-33,900
TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, AIR FORCE	5,292,425	5,272,165
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	371,866	372,000
TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	5,664,291	5,644,165

33A

TITLE II – OPERATION AND MAINTENANCE

The agreement provides \$287,190,915,000 in Title II, Operation and Maintenance.

~~(INSERT O&M RECAP TABLE)~~ (Insert 34A

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL

RECAPITULATION		
OPERATION AND MAINTENANCE, ARMY.....	59,554,553	58,604,854
OPERATION AND MAINTENANCE, NAVY.....	72,244,533	71,972,007
OPERATION AND MAINTENANCE, MARINE CORPS.....	10,281,913	10,184,529
OPERATION AND MAINTENANCE, AIR FORCE.....	62,750,095	61,471,101
OPERATION AND MAINTENANCE, SPACE FORCE.....	5,017,468	4,895,818
OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	52,768,263	52,599,068
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF).....	397,950	397,950
OPERATION AND MAINTENANCE, ARMY RESERVE.....	3,630,948	3,562,714
OPERATION AND MAINTENANCE, NAVY RESERVE.....	1,380,810	1,370,710
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE.....	329,395	325,395
OPERATION AND MAINTENANCE, AIR FORCE RESERVE.....	4,116,256	4,005,756
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD.....	8,683,104	8,611,897
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD.....	7,253,694	7,335,405
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES...	16,620	16,620
ENVIRONMENTAL RESTORATION, ARMY.....	198,760	241,860
ENVIRONMENTAL RESTORATION, NAVY.....	335,240	410,240
ENVIRONMENTAL RESTORATION, AIR FORCE.....	349,744	384,744
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
COOPERATIVE THREAT REDUCTION ACCOUNT.....	350,999	350,999
DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT.....	54,977	64,977
	=====	=====
GRAND TOTAL, OPERATION AND MAINTENANCE.....	290,071,993	287,190,915

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 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' operation and maintenance accounts between O-1 budget activities, or between subactivity 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 activity groups or subactivity groups listed below.

The agreement updates the prior approval reprogramming procedures for the operation and maintenance accounts established in Department of Defense Appropriations Act, 2023 (Public Law 117-328) by redefining readiness groups and subactivity groups starting in fiscal year 2024. Since these updates involve budget line item guidance, the agreement directs that unless specified elsewhere in this report, no changes shall be made to the appropriations structure without prior consultation of the House and Senate Defense Appropriations Subcommittees.

Readiness Activity Groups and Subactivity Groups:

Army:

Activity Group 11 Land Forces

Activity Group 12 Land Forces Readiness

Activity Group 13 Land Forces Readiness Support

Activity Group 32 Basic Skill and Advanced Training

Navy:

Activity Group 1A Air Operations

Activity Group 1B Ship Operations

Activity Group 1C Combat Operations/Support

Activity Group BS Base Support

Marine Corps:

Activity Group 1A Expeditionary Forces

Activity Group BS Base Support

Air Force:

Activity Group “Air Operations”, which includes subactivity groups 011A Primary Combat Force and 011C Combat Enhancement Forces

Activity Group “Weapons Systems Sustainment”, which includes subactivity groups 011M Depot Purchase Equipment Maintenance, 011V Cyberspace Sustainment, and 011W Contractor Logistics Support and System Support

Activity Group “Installations”, which includes subactivity groups 011R Facilities Sustainment, Restoration, and Modernization, and 011Z Base Support

Activity Group “Flying Hours”, which is only subactivity group 011Y Flying Hour Program

Space Force:

Subactivity Group 012A Global C3I & Early Warning

Subactivity Group 013C Space Operations

Subactivity Group 013W Contractor Logistics Support and System Support

Subactivity Group 042A Administration

Air Force Reserve:

Subactivity Group 011A Primary Combat Forces

Air National Guard:

Subactivity Group 011F 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 subactivity groups:

Army National Guard:

Subactivity Group 131 Base Operations Support

Subactivity Group 132 Facilities Sustainment, Restoration, and Modernization

Subactivity Group 133 Management and Operational Headquarters

Air National Guard:

Subactivity Group 011W Contractor Logistics Support and System Support

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 the explanatory statement 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 explanatory statement. 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-I budget activity, activity group, and subactivity group for each of the active, defense-wide, reserve, and National Guard components. For each O-I budget activity, activity group, and subactivity 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.

REPROGRAMMING GUIDANCE FOR SPECIAL OPERATIONS COMMAND

The agreement directs the Secretary of Defense to submit a baseline report that shows the Special Operations Command's operation and maintenance funding by subactivity 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 subactivities. 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 subactivity groups.

QUARTERLY OPERATION AND MAINTENANCE UPDATES

The agreement notes the successful quarterly meetings with each of the Services and directs the Director of each of the Services' Operations Divisions (Financial Management and Budget) to continue to provide quarterly briefings to the House and Senate Defense Appropriations Subcommittees on their respective operation and maintenance execution data in fiscal year 2024. These meetings shall take place the third full week of the month following the end of each fiscal quarter to the greatest extent possible.

Additionally, the agreement directs the following: (1) the quarterly updates shall include civilian personnel funding and United States Direct Hire Full Time Equivalent (USDH FTE) actual data by month; (2) the Director of each of the Service's Operations Divisions (Financial Management and Budget) shall collaborate with the House and Senate Defense Appropriations Subcommittees to develop a display showing transfers between subactivity groups to be discussed at each quarterly update; and (3) the Under Secretary of Defense (Comptroller) shall provide civilian personnel funding and USDH FTE actual data by defense agency, by month, to the House and Senate Defense Appropriations Subcommittees within 30 days of the end of the fiscal quarter. This language enhances the directive requirements included under the heading "Department of Defense Workforce" in Senate Report 118-81.

RECORDS MANAGEMENT

The agreement is encouraged by the information included in the December 2022 “Department of Defense Records Strategy” which directs the methodologies used to maintain records within the Department. The agreement expects the Secretary of Defense to consider assessing existing commercially available enterprise records management software solutions to conform with the recommendations included in the strategy. In the spirit of these goals to make data linked, trustworthy, interoperable, and secure, and recognizing the reality of persistent data leaks, the agreement further encourages the Secretary to prioritize software that complies with M-22-09 Federal zero trust architecture, includes an open application programming interface, and meets the document generation and retention requirements. Consideration should be given to the widest range of suitable commercially viable solutions practical, to include software solutions emerging from the SBIR/STTR programs. The agreement directs the Secretary of Defense to provide a briefing to the congressional defense committees on recommendations for implementation of its record strategy not later than 120 days after the date of enactment of this Act.

ADDRESSING FOOD INSECURITY AND MILITARY FAMILIES

The agreement notes with concern the enduring issue of food insecurity that affects certain servicemembers and their families. The agreement includes additional funds to implement modifications to the calculation of the basic needs allowance as directed by section 621 of the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31). In addition, the agreement provides an additional \$10,000,000 for a pilot program to address food insecurity of military families through collaboration with community partners to improve access to food and enhance family readiness.

OPERATION AND MAINTENANCE, ARMY

The agreement provides \$58,604,854,000 for Operation and Maintenance, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ R (Insert 410A-D

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
111 MANEUVER UNITS	3,943,409	3,753,409
Program decrease unaccounted for		-190,000
112 MODULAR SUPPORT BRIGADES	225,238	225,238
113 ECHELONS ABOVE BRIGADES	947,395	933,395
Unjustified growth		-14,000
114 THEATER LEVEL ASSETS	2,449,141	2,439,141
Unjustified growth		-10,000
115 LAND FORCES OPERATIONS SUPPORT	1,233,070	1,219,070
Unjustified growth		-14,000
116 AVIATION ASSETS	2,046,144	1,996,144
Unjustified growth		-50,000
121 FORCE READINESS OPERATIONS SUPPORT	7,149,427	7,097,887
Program increase - military criminal investigative organizations		5,000
Program increase - female and small stature male PPE		1,000
Program increase - improvements to warfighter limb protection		2,000
Program increase - ultra-lightweight camouflage net system increment 1		40,000
Program increase - over-the-calf heavyweight socks		1,920
Program increase - cold weather canteen systems		11,040
Program increase - pilot program to address military families and food insecurity		2,500
Unjustified growth		-115,000
122 LAND FORCES SYSTEMS READINESS	475,435	475,435
123 LAND FORCES DEPOT MAINTENANCE	1,423,560	1,413,560
Program execution		-10,000
124 MEDICAL READINESS	951,499	917,499
Unjustified growth		-34,000
131 BASE OPERATIONS SUPPORT	9,943,031	9,834,331
Program increase - real-time foreign object detection		2,000
Unjustified growth		-110,700
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	5,381,757	5,410,857
Program increase - United States Military Academy		4,100
Program increase - aqueous film forming foam replacement related activities		25,000
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	313,612	303,612
Unjustified growth - headquarters		-10,000
135 ADDITIONAL ACTIVITIES	454,565	434,565
Program decrease unaccounted for		-20,000

O-1	Budget Request	Final Bill
137 RESET	447,987	447,987
141 US AFRICA COMMAND	414,680	419,480
Program increase - natural resource management		5,000
Program increase - P.L. 115-68 implementation		550
Program decrease - contractor support		-750
142 US EUROPEAN COMMAND	408,529	413,839
Program increase - natural resource management		5,000
Program increase - P.L. 115-68 implementation		1,060
Program decrease - contractor support		-750
143 US SOUTHERN COMMAND	285,692	294,252
Program increase - SOUTHCOM exercises		3,735
Program increase - natural resource management		5,000
Program increase - P.L. 115-68 implementation		575
Program decrease - contractor support		-750
144 US FORCES KOREA	88,463	88,463
151 CYBER ACTIVITIES - CYBERSPACE OPERATIONS	507,845	507,845
153 CYBER ACTIVITIES - CYBERSECURITY	704,667	704,667
211 STRATEGIC MOBILITY	470,143	470,143
212 ARMY PREPOSITIONED STOCKS	433,909	433,909
213 INDUSTRIAL PREPAREDNESS	4,244	4,244
311 OFFICER ACQUISITION	178,428	178,428
312 RECRUIT TRAINING	78,235	78,235
313 ONE STATION UNIT TRAINING	114,777	114,777
314 SENIOR RESERVE OFFICERS TRAINING CORPS	551,462	552,312
Program increase - ROTC helicopter training program		850
321 SPECIALIZED SKILL TRAINING	1,147,431	1,121,431
Unjustified growth		-26,000
322 FLIGHT TRAINING	1,398,415	1,388,415
Unjustified growth		-10,000
323 PROFESSIONAL DEVELOPMENT EDUCATION	200,779	200,779
324 TRAINING SUPPORT	682,896	679,896
Unjustified growth		-3,000
331 RECRUITING AND ADVERTISING	690,280	720,280
Program increase		30,000
332 EXAMINING	195,009	195,009
333 OFF-DUTY AND VOLUNTARY EDUCATION	260,235	260,235

O-1	Budget Request	Final Bill
334 CIVILIAN EDUCATION AND TRAINING	250,252	250,252
335 JUNIOR RESERVE OFFICERS TRAINING CORPS Program increase - JROTC STEM training and education	204,895	206,895 2,000
421 SERVICEWIDE TRANSPORTATION	718,323	718,323
422 CENTRAL SUPPLY ACTIVITIES Program decrease unaccounted for	900,624	875,624 -25,000
423 LOGISTICS SUPPORT ACTIVITIES Program increase - next generation transponders Unjustified growth	828,059	822,659 9,600 -15,000
424 AMMUNITION MANAGEMENT	464,029	464,029
431 ADMINISTRATION Unjustified growth	537,837	529,837 -8,000
432 SERVICEWIDE COMMUNICATIONS Program increase - ALTNAV Unjustified growth	1,962,059	1,956,059 14,000 -20,000
433 MANPOWER MANAGEMENT Unjustified growth	361,553	353,553 -8,000
434 OTHER PERSONNEL SUPPORT	829,248	829,248
435 OTHER SERVICE SUPPORT Program increase - Capitol Fourth Program decrease unaccounted for	2,370,107	2,355,807 2,700 -17,000
436 ARMY CLAIMS ACTIVITIES	203,323	203,323
437 REAL ESTATE MANAGEMENT Program increase - real estate inventory tool	286,682	291,682 5,000
438 FINANCIAL IMPROVEMENT AND AUDIT READINESS	455,928	455,928
DEFENSE ACQUISITION WORKFORCE		
43Q DEVELOPMENT ACCOUNT	39,867	39,867
441 INTERNATIONAL MILITARY HEADQUARTERS	610,201	610,201
442 MISC. SUPPORT OF OTHER NATIONS	38,948	38,948
411 OTHER PROGRAMS Program increase - SOUTHCOM domain awareness Classified adjustment	2,291,229	2,300,700 4,500 4,971
UNJUSTIFIED REQUEST		-200

O-1	Budget Request	Final Bill
HISTORICAL UNOBLIGATED BALANCES		-212,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-215,000
P.L. 115-68 IMPLEMENTATION		350
<hr/> TOTAL, OPERATION AND MAINTENANCE, ARMY	59,554,553	58,604,854 <hr/>

ULTRA-LIGHTWEIGHT CAMOUFLAGE NET SYSTEMS

There is concern about the Army's pace of divestiture of legacy Ultra-Lightweight Camouflage Net Systems (ULCANS). Next generation ULCANS offer unparalleled protection for the warfighter and greatly enhance survivability against the latest sensor threats. Aside from concerns about degradation of readiness, the slow pace of divestiture sends negative demand signals to a fragile industrial base. Therefore, the agreement strongly encourages the Secretary of the Army to divest all legacy ULCANS by the end of fiscal year 2024 and directs the Secretary to provide a plan for ULCANS system replacement to the House and Senate Defense Appropriations Subcommittees not later than 120 days after the enactment of this Act.

RQ-7 SHADOW

The agreement designates funds appropriated under Operation and Maintenance, Army for the RQ-7 as a congressional special interest item for the purposes of the Base for Reprogramming (DD Form 1414). Further, the Secretary of the Army is directed to provide a briefing to the House and Senate Defense Appropriations Subcommittees on any plan to divest the RQ-7, to include mitigation of capability gaps and transition to future unmanned capabilities such as the Future Tactical Unmanned Aircraft System.

OPERATION AND MAINTENANCE, NAVY

The agreement provides \$71,972,007,000 for Operation and Maintenance, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 42A-D)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
1A1A MISSION AND OTHER FLIGHT OPERATIONS	7,882,504	7,790,504
Unjustified growth		-92,000
1A2A FLEET AIR TRAINING	2,773,957	2,773,957
1A3A AVIATION TECHNICAL DATA AND ENGINEERING SERVICES	73,047	73,047
1A4A AIR OPERATIONS AND SAFETY SUPPORT	213,862	213,862
1A4N AIR SYSTEMS SUPPORT	1,155,463	1,155,463
1A5A AIRCRAFT DEPOT MAINTENANCE	1,857,021	1,843,021
Unjustified growth		-14,000
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	66,822	66,822
1A9A AVIATION LOGISTICS	1,871,670	1,858,970
Unjustified growth		-12,700
1B1B MISSION AND OTHER SHIP OPERATIONS	7,015,796	6,970,796
Program increase - food service equipment for Nimitz-class carriers		10,000
Program increase - personal protective footwear and flight deck jerseys for Nimitz-class carriers		5,000
Program decrease unaccounted for		-60,000
1B2B SHIP OPERATIONS SUPPORT AND TRAINING	1,301,108	1,301,108
1B4B SHIP DEPOT MAINTENANCE	11,164,249	11,164,249
1B5B SHIP DEPOT OPERATIONS SUPPORT	2,728,712	2,688,712
Program decrease unaccounted for		-40,000
1C1C COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	1,776,881	1,776,881
1C3C SPACE SYSTEMS AND SURVEILLANCE	389,915	389,915
1C4C WARFARE TACTICS	1,005,998	999,298
Unjustified growth		-6,700
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	455,330	455,330
1C6C COMBAT SUPPORT FORCES	2,350,089	2,306,089
Program increase - NIWC marine mammals		8,000
Program increase - NAVSCIATTS		6,000
Unjustified growth		-50,000
Program decrease unaccounted for		-8,000
EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS		
1C7C SUPPORT	189,044	189,044

42A

O-1	Budget Request	Final Bill
1CCH COMBATANT COMMANDERS CORE OPERATIONS	92,504	99,754
Program increase - community engagement initiative		5,000
Program increase - Asia Pacific Regional Initiative		3,000
Program decrease - contractor support		-750
1CCM COMBATANT COMMANDERS DIRECT MISSION SUPPORT	352,980	432,078
Program increase - commercial ISR capacity		20,000
Program increase - natural resource management		5,000
Program increase - P.L. 115-68 implementation		1,250
Program increase - INDOPACOM AI integration activities		10,848
Program increase - INDOPACOM UPL - mission partner environment		15,000
Program increase - INDOPACOM UPL - JTF Micronesia		12,000
Program increase - INDOPACOM UPL - JTF Indo-Pacific		5,000
Program increase - INDOPACOM UPL - joint training team		10,000
1CCY CYBERSPACE ACTIVITIES	522,180	522,180
1D2D FLEET BALLISTIC MISSILE	1,763,238	1,763,238
1D4D WEAPONS MAINTENANCE	1,640,642	1,608,642
Program decrease unaccounted for		-32,000
1D7D OTHER WEAPON SYSTEMS SUPPORT	696,653	696,653
BSIT ENTERPRISE INFORMATION TECHNOLOGY	1,780,645	1,762,645
Unjustified growth		-18,000
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION	4,406,192	4,674,192
Program increase - water and utility infrastructure		70,000
Program increase - operational and safety upgrades		11,000
Program increase - Naval shipyard infrastructure and seismic repairs		110,000
Program increase - shipyard infrastructure optimization program		50,000
Program increase - USNA		27,000
BSS1 BASE OPERATING SUPPORT	6,223,827	6,155,078
Program increase - utility infrastructure		8,000
Program increase - real-time foreign object detection		2,000
Program increase - section 2205 of P.L. 117-263		18,000
Program increase - Quality of Service - mobile connectivity and wireless bridge		10,000
Program increase - pilot program to address military families and food insecurity		2,500
Unjustified growth		-97,249
Program decrease unaccounted for		-12,000
2A1F SHIP PREPOSITIONING AND SURGE	475,255	475,255
2A2F READY RESERVE FORCE	701,060	701,060
2B2G SHIP ACTIVATIONS/INACTIVATIONS	302,930	302,930
2C1H EXPEDITIONARY HEALTH SERVICES SYSTEMS	151,966	151,966
2C3H COAST GUARD SUPPORT	21,464	21,464

O-1	Budget Request	Final Bill
3A1J OFFICER ACQUISITION	201,555	201,555
3A2J RECRUIT TRAINING	16,521	16,521
3A3J RESERVE OFFICERS TRAINING CORPS	175,171	175,171
3B1K SPECIALIZED SKILL TRAINING	1,238,894	1,208,894
Unjustified growth		-30,000
3B3K PROFESSIONAL DEVELOPMENT EDUCATION	335,603	322,898
Unjustified growth		-12,705
3B4K TRAINING SUPPORT	390,931	390,931
3C1L RECRUITING AND ADVERTISING	269,483	273,483
Program increase - sea cadets		4,000
3C3L OFF-DUTY AND VOLUNTARY EDUCATION	90,452	90,452
3C4L CIVILIAN EDUCATION AND TRAINING	73,406	73,406
3C5L JUNIOR ROTC	58,970	60,970
Program increase - JROTC STEM training and education		2,000
4A1M ADMINISTRATION	1,350,449	1,345,449
Program increase - Camp Lejeune claims task force		8,000
Program increase - Quality of Service - suicide prevention and career training		7,000
Program decrease unaccounted for		-20,000
4A3M CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	242,760	242,760
4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT	745,666	745,666
Program increase - Quality of Service - suicide prevention data analytics, survey tools, and wellness programs		13,000
Unjustified growth		-13,000
4A8M MEDICAL ACTIVITIES	323,978	323,978
DEFENSE ACQUISITION WORKFORCE DEVELOPMENT		
4B1A ACCOUNT	67,357	67,357
4B1N SERVICEWIDE TRANSPORTATION	248,822	248,822
4B2N PLANNING, ENGINEERING AND DESIGN	616,816	616,816
4B3N ACQUISITION, LOGISTICS AND OVERSIGHT	850,906	867,906
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
999 OTHER PROGRAMS	655,281	662,661
Classified adjustment		7,380

O-1	Budget Request	Final Bill
UNJUSTIFIED REQUEST		-1,700
HISTORICAL UNOBLIGATED BALANCES		-121,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-114,000
P.L. 115-68 IMPLEMENTATION		300
<hr/> TOTAL, OPERATION AND MAINTENANCE, NAVY	72,244,533	71,972,007 <hr/>

42P

SHIP DEPOT MAINTENANCE EXECUTION

The agreement recognizes the challenge in accurately programming and budgeting for ship depot maintenance availabilities. Unforeseen maintenance requirements and a lack of critical materials negatively impact cost and schedule. Dynamic operational tempo and a finite number of dry docks further complicate execution of availabilities as requested in the President's budget request. The agreement supports the Navy's efforts to reduce cost and schedule overruns through the purchase of VIRGINIA-class sustainment materials, delegation of authority to the program manager to accept new work, and the continued practice of awarding private availabilities 120 days in advance. The agreement expects the Secretary of the Navy to maximize the execution of availabilities within the funds requested and to improve budget estimates for availabilities in future requests.

OPERATION AND MAINTENANCE, MARINE CORPS

The agreement provides \$10,184,529,000 for Operation and Maintenance, Marine Corps, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 44A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

O-1	Budget Request	Final Bill
1A1A OPERATIONAL FORCES	1,799,964	1,777,964
Unjustified growth		-22,000
1A2A FIELD LOGISTICS	1,878,228	1,851,228
Unjustified growth		-27,000
1A3A DEPOT MAINTENANCE	211,460	211,460
1B1B MARITIME PREPOSITIONING	137,831	137,831
1CCY CYBERSPACE ACTIVITIES	205,449	205,449
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION	1,211,183	1,273,199
Program increase - Basilone Road repairs		62,016
BSS1 BASE OPERATING SUPPORT	3,124,551	3,089,801
Program increase - aqueous film forming foam replacement effort		10,000
Program increase - pilot program to address military families and food insecurity		2,500
Unjustified growth		-47,250
3A1C RECRUIT TRAINING	26,284	26,284
3A2C OFFICER ACQUISITION	1,316	1,316
3B1D SPECIALIZED SKILLS TRAINING	133,176	133,176
3B3D PROFESSIONAL DEVELOPMENT EDUCATION	66,213	66,213
3B4D TRAINING SUPPORT	570,152	564,152
Unjustified growth		-6,000
3C1F RECRUITING AND ADVERTISING	246,586	246,586
3C2F OFF-DUTY AND VOLUNTARY EDUCATION	55,230	55,230
3C3F JUNIOR ROTC	29,616	31,616
Program increase - JROTC STEM training and education		2,000
4A3G SERVICEWIDE TRANSPORTATION	90,366	90,366
4A4G ADMINISTRATION	428,650	425,650
Unjustified growth		-3,000
4A7G SECURITY PROGRAMS	65,658	65,658
HISTORICAL UNOBLIGATED BALANCES		-19,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-50,000
P.L. 115-68 IMPLEMENTATION		350
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	10,281,913	10,184,529

OPERATION AND MAINTENANCE, AIR FORCE

The agreement provides \$61,471,101,000 for Operation and Maintenance, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 45A-D

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
11A PRIMARY COMBAT FORCES	980,768	920,068
Unjustified growth		-46,000
Air Force requested transfer to 11Z		-14,700
11C COMBAT ENHANCEMENT FORCES	2,665,924	2,595,224
Program increase - first-term airman dorm capacity		6,300
Program increase unaccounted for		-77,000
11D AIR OPERATIONS TRAINING	1,630,552	1,604,952
Program increase - SOUTHCOM exercises		3,400
Unjustified growth		-29,000
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	4,632,693	4,581,493
Program increase - chrome-free coatings		4,800
Unjustified growth		-56,000
11R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	4,252,815	4,339,313
Program increase - PACER FORGE		7,200
Program increase - aqueous film forming foam removal and disposal for firefighting vehicles and facilities		15,000
Program increase - FSRM planning and design		27,900
Program increase - munitions storage improvements		3,000
Program increase - NORAD Long-range radar stations infrastructure		45,000
Program increase - NORAD Long-range radar stations long term repair and modernization		5,000
Program increase - renovation and repair of child development centers		20,000
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	235,440
Program increase - cyber operations for base resilient architecture		10,000
Unjustified growth		-4,000
11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	9,537,192	9,454,192
Unjustified growth		-83,000
11Y FLYING HOUR PROGRAM	6,697,549	6,567,549
Unjustified growth		-130,000

45A

O-1	Budget Request	Final Bill
11Z BASE SUPPORT	11,633,510	11,239,388
Program increase - artificial intelligence/advance video exploitation for natural resources units		4,000
Program increase - real-time foreign object detection		2,000
Program increase - facility operations drinking water and replacement foam		11,000
Program increase - long-range radar site backup generator		2,500
Program increase - pilot program to address military families and food insecurity		2,500
Unjustified growth		-186,650
Program decrease unaccounted for		-30,000
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	1,316,876
Program increase - commercial GNSS-R0 data for world-wide DOD operations		3,000
Program increase - cold weather gear		4,000
Unjustified growth		-10,000
Air Force requested transfer to OP,AF line 30		-30,951
12C OTHER COMBAT OPERATIONS SUPPORT PROGRAMS	1,817,941	1,805,684
Program increase - Air Forces Africa air conditioning and bedding		743
Unjustified growth		-13,000
12D CYBERSPACE ACTIVITIES	807,966	807,966
12F TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	267,615	267,615
12Q MEDICAL READINESS	564,880	544,690
Program increase - infectious disease air transport program		3,000
Unjustified growth		-20,906
Air Force requested transfer to OP,AF line 60		-2,284
15C US NORTHCOM/NORAD	245,263	260,578
Program increase - natural resource management		10,000
Program increase - P.L. 115-68 implementation		1,065
Program increase - arctic forward operating location		2,000
Program increase - quality of life equipment for Alaskan Command		5,000
Program decrease		-2,750
15D US STRATCOM	541,720	541,720
Program increase - P.L. 115-68 implementation		250
Program decrease - contractor support		-250
15F US CENTCOM	335,220	339,945
Program increase - natural resource management		5,000
Program increase - P.L. 115-68		475
Program decrease - contractor support		-750
15G US SOCOM	27,511	28,461
Program increase - P.L. 115-68 implementation		950
15H US TRANSCOM	607	957
Program increase - P.L. 115-68 implementation		350

(45 B)

O-1	Budget Request	Final Bill
15U CENTCOM CYBERSPACE SUSTAINMENT	1,415	1,415
15X USSPACECOM	373,989	371,289
Program increase - USSPACECOM academic engagement enterprise		4,000
Program increase - P.L. 115-68 implementation		550
Unjustified growth		-7,000
Program decrease - contractor support		-250
CLASSIFIED PROGRAMS	1,465,926	1,465,926
21A AIRLIFT OPERATIONS	3,012,287	3,012,037
Program decrease - contract support		-250
21D MOBILIZATION PREPAREDNESS	241,918	241,918
31A OFFICER ACQUISITION	202,769	204,049
Program increase - F-35 sun shades and aircraft maintenance tools		1,280
31B RECRUIT TRAINING	28,892	28,892
31D RESERVE OFFICER TRAINING CORPS (ROTC)	137,647	142,647
Program increase - section 519 of P.L. 116-283		5,000
32A SPECIALIZED SKILL TRAINING	588,131	588,131
32B FLIGHT TRAINING	875,230	862,989
Early to need		-12,241
32C PROFESSIONAL DEVELOPMENT EDUCATION	301,262	301,262
32D TRAINING SUPPORT	194,609	194,609
33A RECRUITING AND ADVERTISING	204,318	204,318
33B EXAMINING	7,775	7,775
33C OFF DUTY AND VOLUNTARY EDUCATION	263,421	263,421
33D CIVILIAN EDUCATION AND TRAINING	343,039	343,039
33E JUNIOR ROTC	75,666	77,666
Program increase - JROTC STEM training and education		2,000
41A LOGISTICS OPERATIONS	1,062,199	1,062,199
41B TECHNICAL SUPPORT ACTIVITIES	162,919	157,919
Unjustified growth		-5,000
42A ADMINISTRATION	1,409,015	1,308,515
Program decrease - contract support		-500
Program decrease unaccounted for		-100,000
42B SERVICEWIDE COMMUNICATIONS	30,268	30,268

450

O-1	Budget Request	Final Bill
42G OTHER SERVICEWIDE ACTIVITIES	1,851,856	1,789,156
Unjustified growth		-62,700
42I CIVIL AIR PATROL CORPORATION	30,901	55,100
Program increase		24,199
DEFENSE ACQUISITION WORKFORCE DEVELOPMENT		
42W ACCOUNT	42,759	42,759
44A INTERNATIONAL SUPPORT	115,267	115,267
43A SECURITY PROGRAMS	1,506,624	1,503,624
Classified adjustment		-3,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-225,000
UNJUSTIFIED REQUEST		-12,000
HISTORICAL UNOBLIGATED BALANCES		-121,000
P.L. 115-68 IMPLEMENTATION		800
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	62,750,095	61,471,101

OPERATION AND MAINTENANCE, SPACE FORCE

The agreement provides \$4,895,818,000 for Operation and Maintenance, Space Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ ^R (Insert 46A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
12A GLOBAL C3I & EARLY WARNING	642,201	617,201
Unjustified growth		-25,000
13A SPACE LAUNCH OPERATIONS	356,162	356,162
13C SPACE OPERATIONS	866,547	804,240
Early to need		-5,600
Unjustified growth		-47,450
Space Force requested transfer to 13E for Space Training and Readiness Command Talent Management Office		-9,257
13E EDUCATION & TRAINING	199,181	212,810
Unjustified growth		-13,800
Space Force requested transfer from 42A for recruiting and advertising		18,172
Space Force requested transfer from 13C for Space Training and Readiness Command Talent Management Office		9,257
13F SPECIAL PROGRAMS	383,233	383,233
13M DEPOT MAINTENANCE	67,757	67,757
13R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	678,648	690,548
Program increase - child development and youth center repairs		5,400
Program increase - dorm repairs		6,500
13W CONTRACTOR LOGISTICS & SYSTEM SUPPORT	1,380,350	1,355,350
Unjustified growth		-25,000
13Z BASE SUPPORT	188,760	188,760
999 CLASSIFIED PROGRAMS	71,475	66,275
Classified adjustment		-5,200
41A LOGISTICS OPERATIONS	34,046	34,046
42A ADMINISTRATION	149,108	130,936
Space Force requested transfer to 13E for recruiting and advertising		-18,172
HISTORICAL UNOBLIGATED BALANCES		-11,500
TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE	5,017,468	4,895,818

46A

OPERATION AND MAINTENANCE, DEFENSE-WIDE

The agreement provides \$52,599,068,000 for Operation and Maintenance, Defense-Wide, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 47A-E)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
1PL1 JOINT CHIEFS OF STAFF	461,370	433,370
Historical unobligated balances		-5,000
Unjustified growth		-23,000
8PL1 JOINT CHIEFS OF STAFF - JTEEP	701,081	677,081
Unjustified growth		-21,000
Program decrease unaccounted for		-3,000
8PL2 JOINT CHIEFS OF STAFF - CYBER	8,210	8,210
1GTM OFFICE OF THE SECRETARY OF DEFENSE - MISO	252,480	252,480
SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT		
1PL6 ACTIVITIES	2,012,953	2,013,482
Program increase - female body armor		2,500
Projected overestimation of civilian compensation		-1,971
1PL7 SPECIAL OPERATIONS COMMAND MAINTENANCE	1,210,930	1,259,452
Program increase - CUAS group 3 defeat acceleration		31,053
Program increase - multispectral personal signature management		25,000
Program increase - female body armor		4,500
AbMN CLS delay		-3,760
Overestimation of CCA		-4,834
MPE ahead of need		-3,437
SPECIAL OPERATIONS COMMAND		
1PLM MANAGEMENT/OPERATIONAL HEADQUARTERS	202,574	199,968
Projected overestimation of civilian compensation		-2,606
1PLR SPECIAL OPERATIONS COMMAND THEATER FORCES	3,346,004	3,343,264
Program increase - Category 3 subterranean training facility		10,500
Program increase - Marine Special Operations Forces technical surveillance cyber course		3,000
Program decrease - flying hours		-6,000
Unjustified request - TSOC merger		-904
Projected overestimation of civilian compensation		-4,561
SOCOM requested transfer to 1PLU		-4,127
SOCOM requested transfer to 1PLV		-648
1PLS SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES	49,757	49,757
1PLU SPECIAL OPERATIONS COMMAND INTELLIGENCE	1,391,402	1,395,529
Program increase - non-traditional ISR		5,000
Program increase - non-kinetic targeting and signature management		10,000
Overestimation of LEA orbits		-15,000
SOCOM requested transfer from 1PLR		4,127

O-1	Budget Request	Final Bill
1PLV SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,438,967	1,447,368
Program increase - identity management		10,500
Unjustified request - AFSOC contractors		-1,087
Unjustified request - SOF tactical communications		-1,660
SOCOM requested transfer from 1PLR		648
12D CYBERSPACE OPERATIONS	1,318,614	1,238,252
Program increase - internet operations management		11,000
Program increase - Army-led interagency critical infrastructure protection training		2,000
Unjustified growth - CRRP		-9,000
Unjustified growth - training		-20,000
Unjustified growth - travel		-10,000
Unjustified growth - Unified Platform Infrastructure		-884
Unjustified growth - deployable mission support systems		-4,254
Unjustified growth - CMF Teams CPT contractor support		-9,990
Program decrease unaccounted for		-6,400
Projected overestimation of civilian compensation		-32,834
15E USCYBERCOM HEADQUARTERS	332,690	288,518
Program increase - P.L. 115-68 implementation		400
Projected overestimation of civilian compensation		-44,572
3EV2 DEFENSE ACQUISITION UNIVERSITY	183,342	183,342
JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING		
3PL1 AND EDUCATION	118,172	118,172
SPECIAL OPERATIONS COMMAND PROFESSIONAL		
3EV8 DEVELOPMENT EDUCATION	33,855	33,855
4GT3 CIVIL MILITARY PROGRAMS	142,240	295,185
Program increase - Starbase		53,000
Program increase - National Guard Youth Challenge		84,945
Program increase - innovative readiness training		15,000
4GT6 DEFENSE CONTRACT AUDIT AGENCY	667,943	660,943
Projected overestimation of civilian compensation		-7,000
4GDC DEFENSE CONTRACT AUDIT AGENCY - CYBER	4,870	4,870
4GTO DEFENSE CONTRACT MANAGEMENT AGENCY	1,567,119	1,557,119
Program decrease unaccounted for		-10,000
4GTP DEFENSE CONTRACT MANAGEMENT AGENCY - CYBER	30,279	30,279
4GTE DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY	1,062,123	1,027,123
Unjustified growth		-35,000
DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY -		
4GTG CYBER	9,835	9,835

O-1	Budget Request	Final Bill
4GT8 DEFENSE HUMAN RESOURCES ACTIVITY	1,033,789	1,084,789
Program increase - Beyond Yellow Ribbon		25,000
Program increase - Defense language training centers		15,000
Program increase - Special Victims' Counsel		47,000
Unjustified growth		-26,000
Projected overestimation of civilian compensation		-10,000
4GSE DEFENSE HUMAN RESOURCES ACTIVITY - CYBER	27,517	27,517
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	2,567,698	2,498,948
Program increase - movement or consolidation of Joint Spectrum Center		5,000
Program decrease unaccounted for		-56,000
Projected overestimation of civilian compensation		-17,750
4GU9 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	526,893	502,893
Program decrease unaccounted for		-18,000
Projected overestimation of civilian compensation		-6,000
4GTA DEFENSE LEGAL SERVICES AGENCY	241,779	231,779
Projected overestimation of civilian compensation		-10,000
4GTB DEFENSE LOGISTICS AGENCY	446,731	456,231
Program increase - MWR community engagement		10,000
Program increase - explosive ordnance disposal robot modification		2,000
Historical unobligated balances		-2,500
ES18 DEFENSE MEDIA ACTIVITY	246,840	243,840
Unjustified growth		-3,000
4GTC DEFENSE PERSONNEL ACCOUNTING AGENCY	195,959	195,959

470

O-1	Budget Request	Final Bill
4GTD DEFENSE SECURITY COOPERATION AGENCY	2,379,100	2,356,915
Program increase - International Security Cooperation Programs - INDOPACOM - Taiwan		26,210
Program increase - International Security Cooperation Programs - EUCOM - Baltic Security Initiative		20,000
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 - CENTCOM		30,000
Program increase - International Security Cooperation Programs - NORTHCOM - Mexico		20,220
Program increase - International Security Cooperation Programs - SOUTHCOM		10,000
Program increase - International Security Cooperation Programs - Women, Peace, and Security		3,000
Program increase - International Security Cooperation Programs - AFRICOM		16,000
Program decrease - International Security Cooperation Programs - AFRICOM - Niger		-16,000
Program decrease - International Security Cooperation Programs - CENTCOM - Uzbekistan Aircraft Program		-4,186
Program decrease - International Security Cooperation Programs - CENTCOM - Tajikistan Aircraft Program		-13,214
Program increase - Regional Centers		4,500
Program increase - Regional Centers - Asia-Pacific Center for Security Studies		3,000
Program increase - Irregular Warfare Center of Excellence		5,000
Program decrease - Regional Centers - Climate		-3,500
Unjustified request - Headquarters - Defense Finance and Accounting Services		-4,500
Program decrease - Border Security		-140,000
4GTH DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	41,722	41,722
4GTI DEFENSE THREAT REDUCTION AGENCY	984,272	958,572
Classified adjustment		-14,700
Unjustified growth		-11,000
4GTL DEFENSE THREAT REDUCTION AGENCY - CYBER	70,548	70,548
4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	3,451,625	3,503,125
Program increase - Impact Aid		50,000
Program increase - Impact Aid for children with disabilities		20,000
Program increase - world language grants		10,000
Historical unobligated balances		-3,500
Projected overestimation of civilian compensation		-25,000

47 D

O-1	Budget Request	Final Bill
4GTM OFFICE OF LOCAL DEFENSE COMMUNITY COOPERATION	118,216	170,966
Program increase - Defense Community Infrastructure Program		50,000
Program increase - section 2852 of P.L. 118-31		2,750
4GTN OFFICE OF THE SECRETARY OF DEFENSE	2,676,416	2,657,631
Program increase - Procurement Technical Assistance Program		30,000
Program increase - information assurance scholarship program		10,000
Program increase - legacy resource management program		5,000
Program increase - installation access for Gold Star families		1,000
Program increase - CDC water contamination study and assessment		5,000
Program increase - Congressionally mandated commissions		15,000
Program increase - Readiness and Environmental Protection Integration Program		20,235
Program increase - prevent installation encroachment		3,000
Program increase - USTTI Defense training		1,000
Program increase - implementation of findings and recommendations of security programs, policies and procedures		5,000
Program increase - aqueous film forming foam removal destruction pilot		20,000
Unjustified growth - non pay		-64,020
Projected overestimation of civilian compensation		-60,000
Unjustified request - CHMR mission support		-10,000
4GTC OFFICE OF THE SECRETARY OF DEFENSE - CYBER	92,176	95,176
Program increase - cyber scholarship program		5,000
Unjustified growth		-2,000
011A MISSILE DEFENSE AGENCY	564,078	564,078
4GTQ WASHINGTON HEADQUARTERS SERVICES	440,947	417,947
Projected overestimation of civilian compensation		-23,000
999 OTHER PROGRAMS	20,115,147	19,965,678
Classified adjustment		-149,469
PROGRAM INCREASE: VIETNAM DIOXIN REMEDIATION		15,000
P.L. 115-68 IMPLEMENTATION		2,300
PROGRAM INCREASE: IMPLEMENTATION OF THE SUICIDE PREVENTION AND RESPONSE INDEPENDENT REVIEW COMMITTEE'S FINAL REPORT RECOMMENDATIONS		10,000
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	52,768,263	52,599,068

COMMUNITY NOISE MITIGATION PROGRAM

The agreement acknowledges the challenges faced by residential communities bordering aviation units and notes that Congress appropriated funding to make grants to communities impacted by military aviation noise in the Department of Defense Appropriations Act, 2022 (Public Law 117-103). The Secretary of Defense is directed to move as expeditiously as possible to execute these previously appropriated funds during the 2024 calendar year.

GOLDEN SENTRY END-USE MONITORING

The agreement directs the Secretary of Defense to, not later than 90 days after the enactment of this Act, provide a report to the House and Senate Defense Appropriations Subcommittees on the activities of the Golden Sentry End-Use Monitoring program, including a review of program processes before, during, and after arms transfers, an accounting of program costs and personnel, and data on inspections and inspection findings for defense article transfers under the program. The report should also describe all alleged incidents of misuse of U.S.-government provided equipment in the preceding year as well as actions taken to investigate and mitigate against misuse incidents.

INTEGRATED SECURITY COOPERATION STRATEGY

The agreement does not include the directive in House report 118-121 regarding an integrated security cooperation strategy for certain partner countries.

REGIONAL CENTERS

The agreement directs the Director of the Defense Security Cooperation Agency to, not later than 60 days after the enactment of this Act, provide the congressional defense committees with a briefing on the status of the programs, objectives, milestones, execution plans, an assessment of current reimbursement waiver authority, any legislative proposals under consideration, and other quantitative and qualitative data for each of the six current regional centers.

COALITION SUPPORT FUNDS

The agreement directs the Secretary of Defense to prioritize Coalition Support Funds for Jordan for support for operations to counter the Islamic State of Iraq and Syria.

OFFICE OF SECURITY COOPERATION - IRAQ

The agreement is concerned with the lack of progress in transitioning the Office of Security Cooperation-Iraq and associated funding to a standard security cooperation office model. The agreement directs the Secretary of Defense, in coordination with the Secretary of State, to complete such transition and brief the House and Senate Defense Appropriations Subcommittees not later than 90 days after the enactment of this Act.

AQUEOUS FILM FORMING FOAM REMOVAL DESTRUCTION PILOT

The agreement provides \$20,000,000 for the Department of Defense to execute an Aqueous Film Forming Foam destruction pilot rather than the Defense Logistics Agency as directed in House Report 118-121 and Senate Report 118-81.

COUNTER-ISIS TRAIN AND EQUIP FUND

The agreement provides \$397,950,000 for Counter-ISIS Train and Equip Fund, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
IRAQ TRAIN AND EQUIP	241,950	241,950
SYRIA TRAIN AND EQUIP	156,000	156,000
TOTAL, COUNTER-ISIS TRAIN AND EQUIP FUND	397,950	397,950

The agreement continues authorities related to equipment procured using funds from prior Acts under the Counterterrorism Partnerships Fund and Iraq Train and Equip Fund headings. The Secretary of Defense is directed to, not later than 60 days after the enactment of this Act, submit a report to the House and Senate Defense Appropriations Subcommittees on any such equipment that has not yet been transferred, the reasons therefor, and a plan to either treat this equipment as stocks or transfer this equipment during fiscal year 2024, consistent with congressional notification requirements. In addition,

the agreement directs the Secretary of Defense to complete any remaining transfers using this authority by the end of fiscal year 2024.

OPERATION AND MAINTENANCE, ARMY RESERVE

The agreement provides \$3,562,714,000 for Operation and Maintenance, Army Reserve, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 51A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
112 MODULAR SUPPORT BRIGADES	15,208	15,208
113 ECHELONS ABOVE BRIGADES Unjustified growth	720,802	711,802 -9,000
114 THEATER LEVEL ASSETS Unjustified growth	143,400	142,400 -1,000
115 LAND FORCES OPERATIONS SUPPORT Unjustified growth	707,654	705,154 -2,500
116 AVIATION ASSETS	134,346	134,346
121 FORCES READINESS OPERATIONS SUPPORT Unjustified growth	451,178	449,178 -2,000
122 LAND FORCES SYSTEM READINESS	97,564	97,564
123 LAND FORCES DEPOT MAINTENANCE	45,711	45,711
131 BASE OPERATIONS SUPPORT Unjustified growth	608,079	595,845 -12,234
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	495,435	495,435
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Unjustified growth	28,783	26,783 -2,000
151 CYBER ACTIVITIES - CYBERSPACE OPERATIONS	3,153	3,153
153 CYBER ACTIVITIES - CYBERSECURITY	19,591	19,591
421 SERVICEWIDE TRANSPORTATION	19,155	19,155
431 ADMINISTRATION	21,668	21,668
432 SERVICEWIDE COMMUNICATIONS	44,118	44,118
433 MANPOWER MANAGEMENT	7,127	7,127
434 OTHER PERSONNEL SUPPORT	67,976	67,976
HISTORICAL UNOBLIGATED BALANCES		-9,500
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-30,000
TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	3,630,948	3,562,714

(51A)

OPERATION AND MAINTENANCE, NAVY RESERVE

The agreement provides \$1,370,710,000 for Operation and Maintenance, Navy Reserve, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ e (Insert 52A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

O-1	Budget Request	Final Bill
1A1A MISSION AND OTHER FLIGHT OPERATIONS	731,113	728,113
Unjustified growth		-3,000
1A3A INTERMEDIATE MAINTENANCE	10,122	10,122
1A5A AIRCRAFT DEPOT MAINTENANCE	167,811	167,811
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	103	103
1A9A AVIATION LOGISTICS	29,185	29,185
1C1C COMBAT COMMUNICATIONS	20,806	20,806
1C6C COMBAT SUPPORT FORCES	186,590	186,590
1CCY CYBERSPACE ACTIVITIES	296	296
BSIT ENTERPRISE INFORMATION TECHNOLOGY	32,467	32,467
BSMR SUSTAINMENT, RESTORATION & MODERNIZATION	63,726	63,726
BSSR BASE OPERATING SUPPORT	121,064	121,064
4A1M ADMINISTRATION	2,025	2,025
4A4M MILITARY MANPOWER & PERSONNEL	13,401	13,401
4B3N ACQUISITION AND PROGRAM MANAGEMENT	2,101	2,101
HISTORICAL UNOBLIGATED BALANCES		-6,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-1,100
TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	1,380,810	1,370,710

(52A)

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

The agreement provides \$325,395,000 for Operation and Maintenance, Marine Corps Reserve, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 53A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
1A1A OPERATING FORCES	128,468	128,468
1A3A DEPOT MAINTENANCE	20,967	20,967
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION	46,589	46,589
BSS1 BASE OPERATING SUPPORT	120,808	120,808
4A4G ADMINISTRATION	12,563	12,563
HISTORICAL UNOBLIGATED BALANCES		-2,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-2,000
TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	329,395	325,395

53 A

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

The agreement provides \$4,005,756,000 for Operation and Maintenance, Air Force Reserve, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 54A)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
11A PRIMARY COMBAT FORCES	2,088,949	2,061,449
Program increase - atmospheric rivers research		2,500
Unjustified growth		-30,000
11G MISSION SUPPORT OPERATIONS	198,213	198,213
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	647,758	647,758
11R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	122,314	122,314
11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	374,442	361,442
Unjustified growth		-13,000
11Z BASE OPERATING SUPPORT	543,962	545,962
Program increase - MQ-9 dissemination hub		2,000
12D CYBERSPACE ACTIVITIES	1,742	1,742
42A ADMINISTRATION	107,281	107,281
42J RECRUITING AND ADVERTISING	9,373	9,373
42K MILITARY MANPOWER AND PERSONNEL MANAGEMENT	15,563	15,563
42L OTHER PERSONNEL SUPPORT	6,174	6,174
42M AUDIOVISUAL	485	485
HISTORICAL UNOBLIGATED BALANCES		-17,000
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-55,000
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	4,116,256	4,005,756

54A

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

The agreement provides \$8,611,897,000 for Operation and Maintenance, Army National Guard, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert SSA-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
111 MANEUVER UNITS	925,071	938,071
Program increase - Northern Strike		13,000
112 MODULAR SUPPORT BRIGADES	201,781	196,781
Unjustified growth		-5,000
113 ECHELONS ABOVE BRIGADE	840,373	790,373
Unjustified growth		-50,000
114 THEATER LEVEL ASSETS	107,392	102,392
Unjustified growth		-5,000
115 LAND FORCES OPERATIONS SUPPORT	62,908	266,203
National Guard requested transfer from SAG 133		203,295
116 AVIATION ASSETS	1,113,908	1,101,908
Unjustified growth		-12,000
121 FORCE READINESS OPERATIONS SUPPORT	832,946	820,605
Program increase - irregular warfare training exercises		3,500
Program increase - advanced trauma and public health direct training services		1,909
Program increase - international advanced trauma and public health training		750
Program increase - wildfire training		1,500
Unjustified growth		-20,000
122 LAND FORCES SYSTEMS READINESS	50,696	51,496
Program increase - enhanced National Guard emergency satellite communications capability		800
123 LAND FORCES DEPOT MAINTENANCE	231,784	231,784
131 BASE OPERATIONS SUPPORT	1,249,066	1,249,800
Program increase - aqueous film forming foam replacement related activities		2,600
Program increase - PFAS cleanup and restoration		2,134
Unjustified growth		-4,000
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	1,081,561	1,097,361
Program increase - Army National Guard MQ-1C AATS		15,800
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,468,857	1,278,562
Program increase - mental health providers		8,000
Program increase - star behavioral health program		5,000
National Guard requested transfer to SAG 115		-203,295
151 CYBER ACTIVITIES - CYBERSPACE OPERATIONS	9,566	9,566
153 CYBER ACTIVITIES - CYBERSECURITY	15,710	16,710
Program increase - National Guard Mission Assurance Program		1,000
421 SERVICEWIDE TRANSPORTATION	7,251	7,251

55 A

O-1	Budget Request	Final Bill
431 ADMINISTRATION	66,025	69,025
Program increase - State Partnership Program		7,000
Program decrease unaccounted for		-4,000
432 SERVICEWIDE COMMUNICATIONS	113,366	113,366
433 MANPOWER MANAGEMENT	8,663	8,663
434 OTHER PERSONNEL SUPPORT	292,426	292,426
437 REAL ESTATE MANAGEMENT	3,754	3,754
HISTORICAL UNOBLIGATED BALANCES		-26,500
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-8,000
P.L. 115-68 IMPLEMENTATION		300
TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	8,683,104	8,611,897

MQ-1C GRAY EAGLE TRAINING SITE

The agreement includes additional funding for the Chief of the National Guard Bureau to support expedited efforts to plan and prepare for the establishment of an Army National Guard-operated MQ-1C training site at a new location that enables the maximum use of pre-existing infrastructure and UAS range capabilities in order to minimize cost, increase efficiency, and accelerate the start of training activities at the site.

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

The agreement provides \$7,335,405,000 for Operation and Maintenance, Air National Guard, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 5/4

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Final Bill
11F AIRCRAFT OPERATIONS	2,498,675	2,475,675
Program increase - training and equipment for KC-135 classic associations		2,000
Unjustified growth		-25,000
11G MISSION SUPPORT OPERATIONS	656,714	681,548
Program increase - State Partnership Program		3,300
Program increase - ANG JTAC contractor support		8,000
Program increase - advanced trauma and public health direct training services		2,034
Program increase - mental health providers		5,000
Program increase - wildfire training		1,500
Program increase - resilience training		5,000
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	1,171,901	1,153,901
Program increase - KC-135		2,000
Unjustified growth		-20,000
11R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	370,188	558,565
Program increase - facility enhancements for future pilot training sites		96,500
Program increase - additional facility enhancements for future foreign military pilot training sites		90,977
Program increase - repair hangar fire systems		900
11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,280,003	1,261,003
Unjustified growth		-19,000
11Z BASE OPERATING SUPPORT	1,089,579	1,074,579
Unjustified growth		-15,000
11V CYBERSPACE SUSTAINMENT	19,708	19,708
12D CYBERSPACE ACTIVITIES	49,476	49,476
42A ADMINISTRATION	68,417	68,417
42J RECRUITING AND ADVERTISING	49,033	49,033
HISTORICAL UNOBLIGATED BALANCES		-26,500
PROJECTED OVERESTIMATION OF CIVILIAN COMPENSATION		-30,000
TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	7,253,694	7,335,405

TACTICAL AIR CONTROL PARTY DIVESTITURE

Concerns remain about the Air Force’s plan to reduce Tactical Air Control Party units in the Air National Guard. The agreement directs the Secretary of the Air Force to provide the House and Senate Defense Appropriations Subcommittees with the briefing related to this issue directed in the joint explanatory statement accompanying the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31). The briefing shall also include the proposed investments in next-generation capabilities for the Air National Guard referenced in the August 2023 report on this subject.

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

The agreement provides \$16,620,000 for the United States Court of Appeals for the Armed Forces.

ENVIRONMENTAL RESTORATION, ARMY

The agreement provides \$241,860,000 for Environmental Restoration, Army.

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
ENVIRONMENTAL RESTORATION, ARMY	198,760	241,860
Program increase - Installation Restoration Program		25,000
Program increase - Military Munitions Response Program		17,100
Program increase - prioritize remediating unexploded ordnance on tribal lands		1,000
TOTAL, ENVIRONMENTAL RESTORATION, ARMY	198,760	241,860

ENVIRONMENTAL RESTORATION, NAVY

The agreement provides \$410,240,000 for Environmental Restoration, Navy.

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
ENVIRONMENTAL RESTORATION, NAVY	335,240	410,240
Program increase		5,000
Program increase - PFAS remediation		60,000
Program increase - Military Munitions Response Program		10,000
TOTAL, ENVIRONMENTAL RESTORATION, NAVY	335,240	410,240

ENVIRONMENTAL RESTORATION, AIR FORCE

The agreement provides \$384,744,000 for Environmental Restoration, Air Force.

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
ENVIRONMENTAL RESTORATION, AIR FORCE	349,744	384,744
Program increase		2,000
Program increase - PFAS remediation		5,000
Program increase - Installation Restoration Program		25,000
Program increase - Military Munitions Response Program		2,000
Program increase - prioritize remediating unexploded ordnance on tribal lands		1,000
TOTAL, ENVIRONMENTAL RESTORATION, AIR FORCE	349,744	384,744

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

The agreement provides \$8,965,000 for Environmental Restoration, Defense-Wide.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

The agreement provides \$232,806,000 for Environmental Restoration, Formerly Used Defense Sites.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

The agreement provides \$142,500,000 for Overseas Humanitarian, Disaster, and Civic Aid, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
FOREIGN DISASTER RELIEF	20,000	22,500
Program increase		2,500
HUMANITARIAN ASSISTANCE	79,900	100,000
Program increase		20,100
HUMANITARIAN MINE ACTION PROGRAM	15,000	20,000
Program increase		5,000
TOTAL, OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	114,900	142,500

COOPERATIVE THREAT REDUCTION ACCOUNT

The agreement provides \$350,999,000 for the Cooperative Threat Reduction Account, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Final Bill
STRATEGIC OFFENSIVE ARMS ELIMINATION	6,815	6,815
CHEMICAL WEAPONS DESTRUCTION	16,400	16,400
GLOBAL NUCLEAR SECURITY	19,406	19,406
BIOLOGICAL THREAT REDUCTION PROGRAM	228,030	228,030
PROLIFERATION PREVENTION PROGRAM	46,324	46,324
OTHER ASSESSMENTS/ADMIN COSTS	34,024	34,024
TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT	350,999	350,999

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT

The agreement provides \$64,977,000 for the Department of Defense Acquisition Workforce Development Account.

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Final Bill
RECRUITING AND HIRING	3,000	8,000
Program increase – recruiting a diverse classified workforce		5,000
TRAINING AND DEVELOPMENT	50,577	50,577
RECOGNITION AND RETENTION	1,400	1,400
Program increase – Defense Civilian Training Corps		5,000
TOTAL, DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	54,977	64,977

TITLE III – PROCUREMENT

The agreement provides \$172,029,494,000 in Title III, Procurement, as follows:

~~(INSERT PROCUREMENT SUMMARY TABLE)~~ ← (Insert 63A

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL

SUMMARY		
ARMY		
AIRCRAFT.....	3,012,440	3,287,997
MISSILES.....	4,962,017	4,622,213
WEAPONS AND TRACKED COMBAT VEHICLES.....	3,765,521	4,244,226
AMMUNITION.....	2,967,578	2,943,574
OTHER.....	8,672,979	8,626,297
TOTAL, ARMY.....	23,380,535	23,724,307
NAVY		
AIRCRAFT.....	17,336,760	19,826,909
WEAPONS.....	6,876,385	5,876,828
AMMUNITION.....	1,293,273	1,161,205
SHIPS.....	32,848,950	33,665,493
OTHER.....	14,535,257	14,385,665
MARINE CORPS.....	3,979,212	3,904,532
TOTAL, NAVY.....	76,869,837	78,820,632
AIR FORCE		
AIRCRAFT.....	20,315,204	20,828,306
MISSILES.....	5,530,446	4,693,647
AMMUNITION.....	703,158	589,943
OTHER.....	30,417,892	31,327,131
TOTAL, AIR FORCE.....	56,966,700	57,439,027
SPACE FORCE		
SPACE PROGRAMS.....	4,714,294	4,064,948
TOTAL, SPACE FORCE.....	4,714,294	4,064,948
DEFENSE-WIDE.....	6,156,975	6,392,675
DEFENSE PRODUCTION ACT PURCHASES.....	968,605	587,905
NATIONAL GUARD AND RESERVE EQUIPMENT.....	---	1,000,000
TOTAL PROCUREMENT.....	169,056,946	172,029,494
=====		

63A

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 \$15,000,000 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 reprogrammings 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. Additional guidance is provided in the overview of this explanatory statement.

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 the joint explanatory statement 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 the joint explanatory statement.

CRYSTALS FOR OPTICAL COMPONENTS

The agreement directs the Secretary of Defense to conduct a review of the amount of silicon and germanium optical components in U.S. defense systems that are being sourced from China and submit a report to the congressional defense committees not later than 180 days after the enactment of this Act. The Secretary is encouraged to develop specific plans to phase out the procurement of such components and support domestic growth and component manufacturing including through the use of defense production authorities in chapter 55 of title 50, United States Code, as appropriate. This language replaces the directives under this heading in House Report 118-121 as well as directives under the heading “Silicon and Germanium Crystals for Optical Components” in Senate Report 118–81.

AEROSPACE BEARING REPAIR AND REFURBISHMENT

The agreement 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, that examines the participation rates of domestic independent service providers for aerospace bearing repair and refurbishment solicitations. The report shall identify any potential cost, schedule, and performance benefits and include comparative data from previous awards relative to past performance. This includes cost overruns or schedule delays, the ability and capacity to provide ongoing life cycle product support, and the ability to meet technical requirements of the request for proposal for such services. Further, the report shall detail actions that the Department of Defense has taken to support domestic independent bearing repair service providers. This language replaces the directives under this heading in Senate Report 118-81 as well as directives under the heading “Repaired and Refurbished Aerospace Bearings” in House Report 118-121.

MUNITIONS STOCK

The agreement directs the Secretary of Defense and Chairman of the Joint Chiefs of Staff to jointly submit a report to the congressional defense committees, not later than 120 days after the enactment of this Act, that identifies current and future munitions shortfalls. The report shall include the following: 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; a strategy for leveraging a broader industrial base for expanding munitions capability and capacity; and an assessment of the extent to which the fiscal year 2025 President's budget request will meet munitions requirements, including total munition requirements and global floor requirements, with estimated procurement costs, quantities, and projected inventory for such munitions identified for each year of the future years defense program. The report shall be submitted in an unclassified form and may include a classified annex.

COUNTER-SMALL UNMANNED AIRCRAFT SYSTEMS

Defeating small, unmanned aircraft systems, which pose significant risks to U.S. military personnel, is a national imperative that deserves concerted focus from the Department of Defense. Therefore, the agreement includes \$100,000,000 for the purpose of accelerating procurement of Counter-Small Unmanned Aircraft Systems (C-sUAS) to address emergent sUAS threats within the Service and Special Operations Command procurement appropriation accounts rather than within the Office of the Secretary of Defense as proposed in the budget request. The agreement directs the Undersecretary of Defense for Acquisition and Sustainment, in coordination with the service acquisition executives for each respective Service and Special Operations Command, to provide quarterly reports to the congressional defense committees beginning on the first day of the fiscal quarter after the date of enactment of this Act until the first day of the fiscal quarter after all such funds have been obligated. Each report shall include current spend plans, current obligation actuals, and an assessment of how this funding is being used to address operational capability gaps. The agreement retains the directive under the heading "Counter-Small Unmanned Aircraft Systems" in Senate Report 118-81.

AIRCRAFT PROCUREMENT, ARMY

The agreement provides \$3,287,997,000 for Aircraft Procurement, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 67A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

P-1		Budget Request	Final Bill
3	FUTURE UAS FAMILY Inc. 2 early to need	53,453	0 -53,453
4	UH-72 LAKOTA LIGHT UTILITY HELICOPTER Program increase	0	10,000 10,000
5	SMALL UNMANNED AIRCRAFT SYSTEMS Program increase - accelerate short range reconnaissance fielding	20,769	30,769 10,000
6	AH-64 APACHE BLOCK IIIA REMAN Program decrease	718,578	653,107 -65,471
7	AH-64 APACHE BLOCK IIIA REMAN (AP-CY)	110,360	110,360
8	UH-60 BLACKHAWK M MODEL (MYP) Program increase - additional aircraft for the National Guard	668,258	728,258 60,000
9	UH-60 BLACKHAWK M MODEL (MYP) (AP-CY)	92,494	92,494
10	UH-60 BLACK HAWK L AND V MODELS	153,196	153,196
11	CH-47 HELICOPTER Program increase - additional helicopters Program increase - SOCOM operational loss	202,487	423,887 177,500 43,900
12	CH-47 HELICOPTER (AP-CY)	18,936	18,936
13	MQ-1 PAYLOAD	13,650	13,650
14	GRAY EAGLE MODS2 Program increase - MQ-1C Gray Eagle 25M capability improvement	14,959	82,959 68,000
16	AH-64 MODS	113,127	113,127
17	CH-47 CARGO HELICOPTER MODS Program increase - hybrid enhanced ballistic protection systems Program increase - lightweight ballistic protection systems	20,689	50,689 15,000 15,000
22	UTILITY HELICOPTER MODS Program increase - 60kVA generators for UH-60s Program increase - powered ascenders for aviation readiness Program increase - litter basket stabilization technology for search and rescue	35,879	56,379 15,000 2,500 3,000
23	NETWORK AND MISSION PLAN Program increase - aviation mission common server Program increase - flight scheduling software	32,418	45,168 12,000 750
24	COMMS, NAV SURVEILLANCE	74,912	74,912
25	DEGRADED VISUAL ENVIRONMENT	16,838	16,838

P-1		Budget Request	Final Bill
26	AVIATION ASSURED PNT	67,383	67,383
27	GATM ROLLUP	8,924	8,924
29	UAS MODS	2,258	2,258
30	AIRCRAFT SURVIVABILITY EQUIPMENT	161,731	121,562
	Carryover		-34,939
	B-kit unit cost adjustment		-5,230
31	SURVIVABILITY CM	6,526	6,526
32	CMWS	72,041	72,041
33	COMMON INFRARED COUNTERMEASURES (CIRCM)	261,384	261,384
34	COMMON GROUND EQUIPMENT	25,752	27,752
	Program increase - aviation ground support equipment		2,000
35	AIRCREW INTEGRATED SYSTEMS	22,097	22,097
36	AIR TRAFFIC CONTROL	21,216	21,216
37	LAUNCHER, 2.75 ROCKET	2,125	2,125
TOTAL, AIRCRAFT PROCUREMENT, ARMY		3,012,440	3,287,997

67E

MISSILE PROCUREMENT, ARMY

The agreement provides \$4,622,213,000 for Missile Procurement, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 68A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

P-1	Budget Request	Final Bill
1 LOWER TIER AIR AND MISSILE DEFENSE (AMD)	6,625	6,625
3 M-SHORAD - PROCUREMENT	400,697	357,697
Unjustified growth		-43,000
4 MSE MISSILE	1,212,832	960,832
Transfer to line 4a - advance procurement		-252,000
4a MSE MISSILE - AP	0	252,000
Transfer from line 4 - advance procurement (FY 2024 for FY2025)		126,000
Transfer from line 4 - advance procurement (FY 2024 for FY2026)		126,000
6 PRECISION STRIKE MISSILE (PRSM)	384,071	334,759
Schedule delay		-43,062
Unjustified growth - software maintenance		-6,250
7 INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	313,189	256,753
Unjustified growth - integrated logistics support		-40,536
Contractor management		-15,900
8 MID-RANGE CAPABILITY (MRC)	169,519	169,519
9 HELLFIRE SYS SUMMARY	21,976	21,976
10 JOINT AIR-TO-GROUND MSLS (JAGM)	303,409	255,269
Contract delays		-48,140
11 LONG RANGE PRECISION MUNITION	0	5,000
Program increase - long range precision munition		5,000
12 LONG-RANGE HYPERSONIC WEAPON	156,821	62,843
Early to need		-70,265
Army-requested transfer to RDTE,A line 84		-23,713
13 JAVELIN (AAWS-M) SYSTEM SUMMARY	199,509	122,147
AUR excess to capacity		-77,362
14 TOW 2 SYSTEM SUMMARY	120,475	110,765
Unit cost increase		-9,710
15 GUIDED MLRS ROCKET (GMLRS)	886,367	886,367
16 GUIDED MLRS ROCKET (GMLRS) (AP)	55,913	30,913
Program decrease		-25,000
17 MLRS REDUCED RANGE PRACTICE ROCKETS	10,334	10,334
18 HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	179,230	179,230
19 ARMY TACTICAL MSL SYS (ATACMS) - SYSTEM SUMMARY	7,307	12,307
Program increase - ATACMS		5,000

(68A)

P-1	Budget Request	Final Bill
20 LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) Program increase - loitering munition Program increase	0	62,227 10,000 52,227
21 PATRIOT MODS	212,247	212,247
22 STINGER MODS	36,484	36,484
23 AVENGER MODS	22,274	22,274
25 MLRS MODS	168,198	168,198
26 HIMARS MODIFICATIONS	76,266	76,266
27 SPARES AND REPAIR PARTS	6,573	6,573
28 AIR DEFENSE TARGETS	11,701	11,701
UND RESCISSION NOT PROPERLY ACCOUNT FOR		-9,093
TOTAL MISSILE PROCUREMENT, ARMY	4,962,017	4,622,213

68B

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

The agreement provides \$4,244,226,000 for Procurement of Weapons and Tracked Combat Vehicles, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 69A-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 ARMORED MULTI PURPOSE VEHICLE (AMPV) Program adjustment	554,777	392,099 -162,678
3 MOBILE PROTECTED FIREPOWER STS previously funded	394,635	386,635 -8,000
4 STRYKER UPGRADE Program increase - additional vehicles DVHA1 30mm MCWS testing delays DVHA1 30mm MCWS production early to need	614,282	665,913 80,000 -17,676 -10,693
5 BRADLEY FIRE SUPPORT TEAM (BFIST) VEHICLE	5,232	5,232
6 BRADLEY PROGRAM (MOD) Carryover Program increase - active protection systems Unjustified growth - modification 7 installation	158,274	182,811 -9,259 40,000 -6,204
7 M109 FOV MODIFICATIONS	90,986	90,986
8 PALADIN INTEGRATED MANAGEMENT (PIM) Program increase	469,152	555,152 86,000
9 IMPROVED RECOVERY VEHICLE (M88 HERCULES)	41,058	41,058
12 JOINT ASSAULT BRIDGE	159,804	159,804
13 ABRAMS UPGRADE PROGRAM Program increase - prognostic and predictive maintenance and predictive logistics Transfer from line 14 Program increase	697,883	1,240,323 10,000 102,440 430,000
14 ABRAMS UPGRADE PROGRAM (AP-CY) Transfer to line 13	102,440	0 -102,440
16 PERSONAL DEFENSE WEAPON (ROLL) Excessive unit cost	510	150 -360
17 M240 MEDIUM MACHINE GUN (7.62MM) Program increase - M240 medium machine gun	425	12,500 12,075
19 MACHINE GUN, CAL .50 M2 ROLL	3,420	3,420
20 MORTAR SYSTEMS	8,013	8,013
21 LOCATION & AZIMUTH DETERMINATION SYSTEM (LADS)	3,174	3,174
22 XM320 GRENADE LAUNCHER MODULE (GLM)	14,143	14,143
23 PRECISION SNIPER RIFLE Program increase - Precision Sniper Rifle	5,248	7,748 2,500

69A

P-1	Budget Request	Final Bill
24 CARBINE Program increase - M4 carbine upper receivers	571	8,571 8,000
25 NEXT GENERATION SQUAD WEAPON	292,850	292,850
26 HANDGUN	32	32
27 MK-19 GRENADE MACHINE GUN MODS Program increase - Mk93 mounts	0	10,000 10,000
28 M777 MODS	18,920	18,920
31 M119 MODIFICATIONS	13,097	13,097
32 MORTAR MODIFICATION	423	423
33 ITEMS LESS THAN \$5.0M (WOCV-WTCV)	1,148	1,148
34 PRODUCTION BASE SUPPORT (WOCV-WTCV)	115,024	115,024
35 COMMON REMOTELY OPERATED WEAPONS STATION Program increase - CROWS-AHD	0	15,000 15,000
TOTAL, WEAPONS AND TRACKED COMBAT VEHICLES, ARMY	3,765,521	4,244,226

PROCUREMENT OF AMMUNITION, ARMY

The agreement provides \$2,943,574,000 for Procurement of Ammunition, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 70A-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Final Bill
1	CTG, 5.56MM, ALL TYPES Excess to need - Ctg, 5.56mm, short range training, M1037, single round	90,853	88,409 -2,444
2	CTG, 7.62MM, ALL TYPES Program increase Excess to need - Ctg, 7.62mm blank, M82 w/M13 link Excess to need - Ctg, 7.62mm 4 ball M80A1/1 tracer M62A1 lead free	65,370	76,732 25,000 -595 -13,043
3	NEXT GENERATION SQUAD WEAPON AMMUNITION Program delays	191,244	176,244 -15,000
4	CTG, HANDGUN, ALL TYPES Excess to need - Ctg 9mm marking red	6,597	6,420 -177
5	CTG, .50 CAL, ALL TYPES Program increase	41,534	64,402 22,868
6	CTG, 20MM, ALL TYPES Program increase	7,925	15,425 7,500
7	CTG, 25MM, ALL TYPES Excess to need - Ctg 25mm TPDS-T M910	38,760	22,804 -15,956
8	CTG, 30MM, ALL TYPES Excess to need - Ctg, 30mm TP, M788, single, f/gun M230	107,805	98,532 -9,273
9	CTG, 40MM, ALL TYPES	148,970	148,970
10	CTG, 50MM, ALL TYPES	28,000	28,000
11	60MM MORTAR, ALL TYPES	35,160	35,160
12	81MM MORTAR, ALL TYPES	40,562	40,562
13	120MM MORTAR, ALL TYPES Excess to need - Ctg, 120mm mortar FRTR, M931 series w/ pract fuze Program increase - 120mm mortar WP smoke	106,784	110,689 -1,095 5,000
14	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	300,368	300,368
15	ARTILLERY CARTRIDGES, 75MM & 105MM	21,298	21,298
16	ARTILLERY PROJECTILE, 155MM, ALL TYPES	150,839	150,839
18	PRECISION ARTILLERY MUNITIONS Carryover	96,406	92,919 -3,487
19	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES Excess to need - PROP CHG 155mm, M231 series	172,947	163,872 -9,075

70A

P-1	Budget Request	Final Bill
20 MINES & CLEARING CHARGES, ALL TYPES Carryover	71,182	66,182 -5,000
21 CLOSE TERRAIN SHAPING OBSTACLE Program reduction - Close Terrain Shaping Obstacle, XM204	55,374	17,410 -37,964
22 SHOULDER LAUNCHED MUNITIONS, ALL TYPES	18,630	18,630
23 ROCKET, HYDRA 70, ALL TYPES Program increase - Hydra 70 rockets	87,293	120,293 33,000
24 CAD/PAD, ALL TYPES	6,564	6,564
25 DEMOLITION MUNITIONS, ALL TYPES	24,238	24,238
26 GRENADES, ALL TYPES Program increase - 66mm vehicle launched white smoke training grenade Program increase - M18 green smoke hand grenade Program increase - M18 yellow smoke hand grenade Program increase - M18 violet smoke hand grenade	48,374	50,874 1,000 500 500 500
27 SIGNALS, ALL TYPES Excess to need - Signal, hand held red star cluster M158 Early to need - Flare, aircraft countermeasure, RF (Passive)	23,252	13,489 -1,680 -8,083
28 SIMULATORS, ALL TYPES	11,309	11,309
30 AMMO COMPONENTS, ALL TYPES	3,976	3,976
31 NON-LETHAL AMMUNITION, ALL TYPES	3,281	3,281
32 ITEMS LESS THAN \$5 MILLION (AMMO)	17,436	17,436
33 AMMUNITION PECULIAR EQUIPMENT	13,133	13,133
34 FIRST DESTINATION TRANSPORTATION (AMMO)	18,068	18,068
35 CLOSEOUT LIABILITIES	102	102
36 INDUSTRIAL FACILITIES Program increase - melt pour facility modernization	726,135	729,135 3,000
37 CONVENTIONAL MUNITIONS DEMILITARIZATION	183,752	183,752
38 ARMS INITIATIVE	4,057	4,057
TOTAL, PROCUREMENT OF AMMUNITION, ARMY	2,967,578	2,943,574

(70 B)

OTHER PROCUREMENT, ARMY

The agreement provides \$8,626,297,000 for Other Procurement, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ *(Insert 71A-F)*

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

P-1	Budget Request	Final Bill
1 SEMITRAILERS, FLATBED	22,751	22,751
2 SEMITRAILERS, TANKERS Effort previously funded	40,359	36,486 -3,873
3 HI MOB MULTI-PURP WHLD VEH (HMMWV)	25,904	25,904
4 GROUND MOBILITY VEHICLES (GMV)	36,223	36,223
5 ARNG HMMWV MODERNIZATION PROGRAM Program increase	0	140,000 140,000
6 JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES Program decrease - production phasing	839,413	541,334 -298,079
7 TRUCK, DUMP, 20T (CCE) Program increase	20,075	35,075 15,000
8 FAMILY OF MEDIUM TACTICAL VEH (FMTV)	110,734	110,734
9 FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (CATV)	28,745	28,745
10 FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMNET	55,340	55,340
11 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) Program increase	66,428	221,428 155,000
12 PLS ESP Contract savings	51,868	47,925 -3,943
14 TACTICAL WHEELED VEHICLE PROTECTION KITS	3,792	3,792
15 MODIFICATION OF IN SVC EQUIP Program increase - HMMWV ABS/ESC retrofit kits	80,326	127,826 47,500
16 PASSENGER CARRYING VEHICLES	2,203	2,203
17 NONTACTICAL VEHICLES, OTHER Prior year underexecution Program increase - airfield deicing equipment	8,246	2,984 -6,762 1,500
18 SIGNAL MODERNIZATION PROGRAM Software ahead of need	161,585	151,166 -10,419
19 TACTICAL NETWORK TECHNOLOGY MOD IN SVC SATCOM obsolescence previously funded Effort previously funded Program increase - SATCOM on the move	358,646	339,344 -12,003 -16,799 9,500
20 DISASTER INCIDENT RESPONSE COMMS TERMINAL	254	254

TIA

P-1		Budget Request	Final Bill
21	JCSE EQUIPMENT (USRDECOM)	5,097	5,097
24	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	101,181	101,181
25	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	54,849	54,849
26	SHF TERM	41,634	41,634
27	ASSURED POSITIONING, NAVIGATION AND TIMING	202,370	202,370
28	EHF SATELLITE COMMUNICATION Contract delays	19,122	15,576 -3,546
30	GLOBAL BRDCST SVC - GBS Program increase - Joint CONUS communications support environment satellite communications upgrade	531	5,831 5,300
31	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	77,999	77,999
32	HANDHELD MANPACK SMALL FORM FIT (HMS) Leader radio unit cost increases Fielding overestimation Unjustified unit cost growth - manpack radio flyaway cost Cost overestimation - manpack radio support costs	765,109	721,407 -9,890 -5,000 -20,045 -8,767
33	ARMY LINK 16 SYSTEMS	60,767	60,767
35	UNIFIED COMMAND SUITE	18,999	18,999
36	COTS COMMUNICATIONS EQUIPMENT Fielding costs overestimation Phase program growth - low cost tactical radios Program increase - high frequency radios	492,001	406,923 -8,773 -86,305 10,000
37	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	1,374	1,374
38	ARMY COMMUNICATIONS & ELECTRONICS	52,485	52,485
39	CI AUTOMATION ARCHITECTURE-INTEL	16,767	16,767
41	MULTI-DOMAIN INTELLIGENCE Phase program growth	119,989	100,789 -19,200
42	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	701	701
43	COMMUNICATIONS SECURITY (COMSEC) Carryover	159,712	156,821 -2,891
44	DEFENSIVE CYBER OPERATIONS Transfer to RDTE,A line 228	13,848	0 -13,848
45	INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITORING Transfer to RDTE,A line 228	1,502	0 -1,502
47	BIOMETRIC ENABLING CAPABILITY (BEC)	453	453

TIB

P-1	Budget Request	Final Bill
49 BASE SUPPORT COMMUNICATIONS Program increase - land mobile radios	23,278	38,278 15,000
50 INFORMATION SYSTEMS	32,608	32,608
51 EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,949	4,949
52 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	243,011	243,011
55 JTT/CIBS-M	8,543	8,543
56 TERRESTRIAL LAYER SYSTEMS (TLS) Early to need - TLS BCT manpack production	85,486	56,830 -28,656
58 DCGS-A-INTEL	2,980	2,980
60 TROJAN	30,649	30,649
61 MOD OF IN-SVC EQUIP (INTEL SPT) Program increase - Prophet enhanced ESP kits	4,169	14,169 10,000
62 BIOMETRIC TACTICAL COLLECTION DEVICES	932	932
63 EW PLANNING & MANAGEMENT TOOLS (EWPMT)	21,278	21,278
64 AIR VIGILANCE (AV)	6,641	6,641
65 MULTI-FUNCTION ELECTRONIC WARFARE (MFEW)	15,941	15,941
67 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES Carryover	22,833	19,083 -3,750
68 CI MODERNIZATION	434	434
69 SENTINEL MODS	161,886	161,886
70 NIGHT VISION DEVICES Program decrease Transfer to RDTE,A line 101 Excess IVAS PM costs Program increase - ENVG-B Unjustified request - IVAS 1.0 and 1.1 fielding	141,143	249,122 -8,030 -20,055 -12,912 160,000 -11,024
71 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	15,484	15,484
73 FAMILY OF WEAPON SIGHTS (FWS)	185,634	185,634
74 ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SETTER	3,652	3,652
75 FORWARD LOOKING INFRARED (IFLIR)	20,438	20,438
76 COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS) Unjustified growth - Army operational division Unjustified growth - integrated logistics support Transfer from P,DW line 2	365,376	317,725 -16,210 -52,691 21,250

710

P-1		Budget Request	Final Bill
77	JOINT BATTLE COMMAND - PLATFORM (JBC-P) Acquisition objective met	215,290	154,049 -61,241
78	JOINT EFFECTS TARGETING SYSTEM (JETS)	8,932	8,932
79	COMPUTER BALLISTICS: LHMCB XM32 Prior year underexecution	2,965	1,653 -1,312
80	MORTAR FIRE CONTROL SYSTEM	8,024	8,024
81	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	7,399	7,399
82	COUNTERFIRE RADARS Contract savings	99,782	73,799 -25,983
83	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE	78,512	78,512
84	FIRE SUPPORT C2 FAMILY	10,052	10,052
85	AIR & MSL DEFENSE PLANNING & CONTROL SYSTEM	68,892	68,892
86	IAMD BATTLE COMMAND SYSTEM Unjustified growth - engineering change proposals	412,556	399,556 -13,000
87	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,270	4,270
88	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	37,194	37,194
89	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	1,987	1,987
90	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY	5,318	5,318
91	MOD OF IN-SVC EQUIPMENT (ENFIRE) Program increase - land surveying systems	4,997	14,997 10,000
92	ARMY TRAINING MODERNIZATION	10,130	10,130
93	AUTOMATED DATA PROCESSING EQUIPMENT Ahead of need	61,489	59,426 -2,063
94	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	4,198	4,198
96	HIGH PERF COMPUTING MOD PGM (HPCMP)	76,053	76,053
97	CONTRACT WRITING SYSTEM	6,061	6,061
98	CSS COMMUNICATIONS	56,804	56,804
102	BASE DEFENSE SYSTEMS (BDS)	70,781	70,781
103	CBRN DEFENSE Early to need - NBCRV SSU	63,198	57,198 -6,000
104	TACTICAL BRIDGING	1,157	1,157
105	TACTICAL BRIDGE, FLOAT-RIBBON	82,228	82,228

P-1	Budget Request	Final Bill
106 BRIDGE SUPPLEMENTAL SET	4,414	4,414
110 ROBOTICS AND APPLIQUE SYSTEMS	68,893	65,118
Program increase - soldier borne sensor		5,000
Effort previously funded		-8,775
112 FAMILY OF BOATS AND MOTORS	4,785	4,785
113 HEATERS AND ECUS	7,617	7,170
Contract savings - improved environmental control units		-447
115 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,356	5,356
116 GROUND SOLDIER SYSTEM	167,129	154,262
Pricing adjustment - systems fielding		-12,867
117 MOBILE SOLDIER POWER	15,967	13,284
Quantities previously funded - universal battery charger		-2,683
118 FORCE PROVIDER	34,200	75,200
Program increase - arctic basing solutions		10,000
Program increase - expeditionary base modules - Army National Guard		5,000
Program increase - expeditionary shelter protection system		26,000
120 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	45,792	42,279
Early to need - M-code capabilities		-3,513
121 FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	12,118	12,118
123 QUALITY SURVEILLANCE EQUIPMENT	2,507	2,507
124 DISTRIBUTION SYSTEMS, PETROLEUM & WATER	40,989	40,989
125 COMBAT SUPPORT MEDICAL	86,829	86,829
126 MOBILE MAINTENANCE EQUIPMENT SYSTEMS	17,287	137,287
Program increase - next generation HMMWV shop equipment		120,000
contact maintenance vehicle		
128 TRACTOR, FULL TRACKED	29,878	29,878
129 ALL TERRAIN CRANES	27,725	35,725
Program increase - Type I all terrain cranes		8,000
131 FAMILY OF DIVER SUPPORT EQUIPMENT	1,811	1,811
132 CONST EQUIP ESP	8,898	6,534
Prior year underexecution		-2,364
133 ARMY WATERCRAFT ESP	30,592	30,592
134 MANEUVER SUPPORT VESSEL (MSV)	149,449	149,449
Functional transfer - two additional vessels		99,545
Functional transfer - cost to complete prior year vessels		49,904
Functional transfer - program delays		-149,449

(71E)

P-1	Budget Request	Final Bill
136 GENERATORS AND ASSOCIATED EQUIPMENT	78,364	78,364
137 TACTICAL ELECTRIC POWER RECAPITALIZATION Program increase - deployable power generation and distribution system power unit	11,088	19,088 8,000
138 FAMILY OF FORKLIFTS	12,982	12,982
139 COMBAT TRAINING CENTERS SUPPORT	56,619	56,619
140 TRAINING DEVICES, NONSYSTEM	226,379	226,379
141 SYNTHETIC TRAINING ENVIRONMENT (STE)	234,965	234,965
142 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	9,698	9,698
143 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	36,149	36,149
144 TEST EQUIPMENT MODERNIZATION (TEMOD)	32,623	32,623
145 PHYSICAL SECURITY SYSTEMS (OPA-3)	132,739	132,739
146 BASE LEVEL COMMON EQUIPMENT	34,460	34,460
147 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) Program increase - rough terrain crane handler service life extension program	35,239	50,239 15,000
148 BUILDING, PRE-FAB, RELOCATABLE Excess to need	31,011	12,500 -18,511
149 SPECIAL EQUIPMENT FOR TEST AND EVALUATION	52,481	52,481
151 INITIAL SPARES - C&E	9,169	9,169
999 CLASSIFIED PROGRAMS	1,781	1,781
TOTAL, OTHER PROCUREMENT, ARMY	8,672,979	8,626,297

TIF

AIRCRAFT PROCUREMENT, NAVY

The agreement provides \$19,826,909,000 for Aircraft Procurement, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 72A-D

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 F/A-18E/F (FIGHTER) HORNET	41,329	41,329
2 JOINT STRIKE FIGHTER CV	2,410,569	2,441,698
Excess to need - AME		-16,360
Excess to need - NRE		-32,159
Unit cost shortfalls		48,519
JPO requested functional transfer from line 3		31,129
3 JOINT STRIKE FIGHTER CV (AP-CY)	189,425	158,296
JPO requested functional transfer to line 2		-31,129
4 JSF STOVL	2,126,317	2,161,079
Excess to need - AME		-15,646
Excess to need - NRE		-27,020
Unit cost shortfalls		42,666
JPO requested functional transfer from line 5		34,762
5 JSF STOVL (AP-CY)	193,125	158,363
JPO requested functional transfer to line 4		-34,762
6 CH-53K (HEAVY LIFT)	1,698,050	1,686,050
Contract award delay		-12,000
7 CH-53K (HEAVY LIFT) (AP-CY)	456,567	456,567
8 V-22 (MEDIUM LIFT)	27,216	694,916
Production line shutdown early to need		-7,300
Program increase - five additional CMV-22		675,000
9 H-1 UPGRADES (UH-1Y/AH-1Z)	4,292	4,292
10 P-8A POSEIDON	31,257	1,831,257
Program increase - ten additional aircraft		1,800,000
11 E-2D ADV HAWKEYE	182,817	571,100
Production line shutdown early to need		-24,717
Program increase - two additional aircraft		413,000
13 MULTI-ENGINE TRAINING SYSTEM (METS)	289,141	289,141
15 KC-130J	241,291	360,091
Program increase - Navy unique fleet essential airlift logistics KC-130J (+1 A/C Reserve)		118,800
17 MQ-4 TRITON	416,010	416,010
19 MQ-8 UAV	1,546	1,546
21 MQ-25	545,697	0
Transfer funds to RDT&E, N line 164 in support of two SDTA aircraft due to MS C delays		-89,852
Ahead of need		-455,845
22 MQ-25 (AP-CY)	50,576	11,979
Previously funded		-38,597
23 MARINE GROUP 5 UAS	89,563	86,063
Ancillary equipment carryover		-3,500

72A

P-1	Budget Request	Final Bill
23A UC-12W(ER) Program increase - unfunded requirement for 3 UC-12W(ER) with cargo door	0	57,053 57,053
24 F-18 A-D UNIQUE 31C SCS excess growth	116,551	108,226 -8,325
25 F-18E/F AND EA-18G MODERNIZATION AND SUSTAINMENT	605,416	605,416
26 MARINE GROUP 5 UAS SERIES	98,063	98,063
27 AEA SYSTEMS Transmitters unit cost growth Program increase - ALQ-99 Low Band Airborne Electronic Attack	24,110	22,396 -4,214 2,500
28 AV-8 SERIES Historical underexecution	22,829	20,829 -2,000
29 INFRARED SEARCH AND TRACK (IRST)	179,193	179,193
30 ADVERSARY	69,336	69,336
31 F-18 SERIES F/A-18 C/D/E/F and EA-18G training equipment previously funded ECP--6506 CPOMS improvements installs ahead of need ECP--6486 SATCOM E/F installs previously funded ECP--6486 SATCOM G installs previously funded	640,236	626,461 -5,812 -1,573 -2,428 -3,962
32 H-53 SERIES	41,414	41,414
33 MH-60 SERIES MH-60R/S obsolescence excess to need	106,495	104,233 -2,262
34 H-1 SERIES Program increase - structural improvements	114,284	124,284 10,000
35 EP-3 SERIES	8,548	8,548
36 E-2 SERIES Radio obsolescence mitigation kits ahead of need Installs ahead of need	183,246	173,735 -4,921 -4,590
37 TRAINER A/C SERIES	16,376	16,376
39 C-130 SERIES BLOS B-Kit installation previously funded OSIP 019-14 GFE excess to need	198,220	191,760 -460 -6,000
40 FEWSG	651	651
41 CARGO/TRANSPORT A/C SERIES	13,930	13,930
42 E-6 SERIES HPTS A and B Kits previously funded Communications upgrade (OSIP 012-07) support costs previously funded Mission systems (OSIP 014-21) training costs unjustified Program increase - capability improvements	164,571	158,783 -5,727 -3,438 -4,064 7,441
43 EXECUTIVE HELICOPTERS SERIES	60,498	60,498
44 T-45 SERIES	170,357	170,357

P-1	Budget Request	Final Bill
45 POWER PLANT CHANGES	21,079	21,079
46 JPATS SERIES	28,005	28,005
48 COMMON ECM EQUIPMENT	53,614	53,614
49 COMMON AVIONICS CHANGES	136,199	136,199
50 COMMON DEFENSIVE WEAPON SYSTEM Program increase - aviation infrared laser aiming device	6,585	13,585 7,000
51 ID SYSTEMS	13,085	13,085
52 P-8 SERIES	316,168	316,168
53 MAGTF EW FOR AVIATION	24,901	24,901
54 MQ-8 SERIES	14,700	14,700
55 V-22 (TILT/ROTOR ACFT) OSPREY	215,997	204,840
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	418,852
Support equipment (OSIP 002-19) unjustified growth		-5,024
Contract savings		-2,520
57 F-35 STOVL SERIES	311,921	259,412
Early to need - Lot 19 modifications		-52,509
58 F-35 CV SERIES	166,909	126,909
Early to need - Lot 19 modifications		-40,000
59 QRC	28,206	28,206
60 MQ-4 SERIES	93,951	72,334
Increment 1 main and forward operating base upgrade previously funded		-12,809
OSIP (004-23) previously funded		-3,128
OSIP (003-23) installation ahead of need		-5,680
62 SPARES AND REPAIR PARTS	2,451,244	2,697,244
Program increase - F-35B/C engine spares		132,000
Program increase - CH-53K initial and outfitting spares		114,000
63 COMMON GROUND EQUIPMENT	566,156	559,253
Hydraulics particle counter contract award delay		-3,620
Electrical AECTS replacement modification contract award delay		-2,717
Unit cost growth		-566
64 AIRCRAFT INDUSTRIAL FACILITIES	133,815	137,815
Program increase - additive manufacturing tier 2 sustainment		4,000
65 WAR CONSUMABLES	44,632	44,632
66 OTHER PRODUCTION CHARGES	49,907	49,907

P-1	Budget Request	Final Bill
67 SPECIAL SUPPORT EQUIPMENT Classified adjustment	404,178	384,850 -19,328
TOTAL, AIRCRAFT PROCUREMENT, NAVY	17,336,760	19,826,909

72D

WEAPONS PROCUREMENT, NAVY

The agreement provides \$5,876,828,000 for Weapons Procurement, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 73A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 CONVENTIONAL PROMPT STRIKE	341,434	0
Early to need - procurement support costs		-33,290
Early to need - TI-22 AUR + C		-108,144
Transfer to RDT&E, N line 97		-200,000
2 TRIDENT II MODS	1,284,705	1,284,705
3 MISSILE INDUSTRIAL FACILITIES	7,954	7,954
4 TOMAHAWK	72,908	77,908
Program increase - Tomahawk supply chain		5,000
5 AMRAAM	439,153	385,678
Unjustified request		-53,475
6 SIDEWINDER	78,165	68,306
AUR Block II unit cost increase		-5,477
Captive air training block missile unit cost increase		-4,382
7 STANDARD MISSILE	969,525	663,758
Navy requested realignment to RDTE, N line 125		-12,600
Unjustified request		-169,268
Program increase - second source rocket motor		50,000
Block IB delays		-98,037
Block IA production delays		-75,862
8 STANDARD MISSILE (AP-CY)	227,320	117,620
Unjustified request		-109,700
9 SMALL DIAMETER BOMB II	65,863	63,035
AUR unit cost growth		-2,828
10 RAM	114,896	114,896
11 JOINT AIR GROUND MISSILE (JAGM)	79,292	73,924
JAGM AUR unit cost growth		-5,368
12 HELLFIRE	6,923	6,923
13 AERIAL TARGETS	176,588	174,725
EM203 GQM-163A excess unit cost		-1,863
14 OTHER MISSILE SUPPORT	3,687	3,687
15 LRASM	639,636	599,636
Navy requested transfer to RDT&E, N line 92 for LRASM C-3		-40,000
16 NAVAL STRIKE MISSILE (NSM)	29,925	25,551
Naval strike missile unit cost growth		-4,374
17 NAVAL STRIKE MISSILE (NSM) (AP-CY)	5,755	5,755
18 TOMAHAWK MODS	540,944	437,424
NAVCOMM A kits excess growth		-28,620
Classified adjustment		-74,900
19 ESSM	290,129	290,129

73A

P-1		Budget Request	Final Bill
20	AARGM-ER Program increase - additional AURs	162,429	167,429 5,000
21	AARGM-ER (AP-CY)	33,273	33,273
22	STANDARD MISSILES MODS SM-2 BLK IIIC unit cost growth	89,255	80,536 -8,719
23	WEAPONS INDUSTRIAL FACILITIES Program increase - energetics capacity for solid rocket motors	2,037	21,037 19,000
25	ORDNANCE SUPPORT EQUIPMENT Classified adjustment	208,154	168,654 -39,500
26	SSTD	4,830	4,830
27	MK-48 TORPEDO Guidance and control previously funded Installation excess cost	308,497	296,347 -10,332 -1,818
28	ASW TARGETS Program increase - alternative ASW training target	14,817	24,817 10,000
29	MK-54 TORPEDO MODS	104,086	104,086
30	MK-48 TORPEDO ADCAP MODS	20,714	20,714
31	MARITIME MINES	58,800	58,800
32	TORPEDO SUPPORT EQUIPMENT	133,187	133,187
33	ASW RANGE SUPPORT	4,146	4,146
34	FIRST DESTINATION TRANSPORTATION	5,811	5,811
35	SMALL ARMS AND WEAPONS	14,165	14,165
36	CIWS MODS	4,088	4,088
37	COAST GUARD WEAPONS	55,172	55,172
38	GUN MOUNT MODS	82,682	82,682
39	LCS MODULE WEAPONS	3,264	3,264
40	AIRBORNE MINE NEUTRALIZATION SYSTEMS	14,357	14,357
42	SPARES AND REPAIR PARTS	177,819	177,819
TOTAL, WEAPONS PROCUREMENT, NAVY		6,876,385	5,876,828

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

The agreement provides \$1,161,205,000 for Procurement of Ammunition, Navy and Marine Corps, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 74A-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 GENERAL PURPOSE BOMBS	43,519	35,159
Unjustified growth		-8,360
2 JDAM	73,689	70,049
Miscellaneous support excess growth		-3,640
3 AIRBORNE ROCKETS, ALL TYPES	67,423	52,046
MK 66 rocket motor unit cost growth		-12,196
Containers excess growth		-2,760
Smokey Sam excess unit cost growth		-421
4 MACHINE GUN AMMUNITION	11,862	11,862
5 PRACTICE BOMBS	52,481	44,524
Unjustified growth		-7,957
6 CARTRIDGES & CART ACTUATED DEVICES	72,426	72,426
7 AIR EXPENDABLE COUNTERMEASURES	104,529	89,369
Dual band decoy contract award delay		-15,160
8 JATOS	7,433	7,433
9 5 INCH/54 GUN AMMUNITION	30,871	10,871
Insufficient justification		-20,000
10 INTERMEDIATE CALIBER GUN AMMUNITION	41,261	27,870
Unjustified growth		-13,391
11 OTHER SHIP GUN AMMUNITION	44,044	39,595
Unjustified growth		-4,449
12 SMALL ARMS & LANDING PARTY AMMO	48,478	48,478
13 PYROTECHNIC AND DEMOLITION	9,521	9,498
Unjustified unit cost increase - Sig Kit MK 189, MOD 0		-23
14 AMMUNITION LESS THAN \$5 MILLION	1,679	1,679
15 EXPEDITIONARY LOITERING MUNITIONS	249,575	249,575
16 MORTARS	61,274	54,851
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	53,898
7.62mm training round excess to need		-435
Cartridge, 30mm 1 HEI-T MK266 / 1 MPLD-T MK264 linked excess to need		-4,619
Cartridge, 30mm APFSDS-T MK258 Mod 1 linked excess to need		-3,160
20mm training round excess to need		-994
84mm TPT (700) excess to need		-693
84mm anti structure unjustified unit cost growth		-5,954
Excess to need		-3,585

74A

P-1	Budget Request	Final Bill
18 INFANTRY WEAPONS AMMUNITION	178,240	168,512
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
Cartridge, 7.62mm ball M80 linked excess to need		-1,543
Cartridge, 9mm ball M882 excess to need		-225
Cartridge, caliber .50 4 API M8/1 API-T M20 linked excess to need		-157
Cartridge, 25mm TPDS-T M910 linked excess to need		-4,581
Cartridge, 5.56mm short range training M862 excess to need		-380
Cartridge, 9mm blank single round excess to need		-118
Cartridge, Caliber .50 Linked MK322 Mod 1/Ball (1000m cap) excess to need		-1,226
M1041 9mm marking (blue) excess to need		-95
M1041 9mm marking (red) excess to need		-90
Cartridge, 5.56mm M1042 practice ammunition rifle (blue) excess to need		-981
Cartridge, 5.56mm M1042 practice ammunition rifle (red) excess to need		-981
Excess to need		-626
Program increase - 40mm, Day/Night marker M1110		7,000
19 COMBAT SUPPORT MUNITIONS	15,897	11,133
GG20 Grenade, Hand Diversionary MK13 MOD excess to need		-894
G963 Grenade, Hand Riot CS M7A3 excess to need		-307
DWDN lightweight disposable disrupter excess to need		-467
Ground burst projectile simulator M115A2 excess to need		-3,096
20 AMMO MODERNIZATION	17,941	17,941
21 ARTILLERY MUNITIONS	82,452	79,096
M795 metal parts unjustified cost growth		-3,356
22 ITEMS LESS THAN \$5 MILLION	5,340	5,340
TOTAL, PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS	1,293,273	1,161,205

(74B)

SHIPBUILDING AND CONVERSION, NAVY

The agreement provides \$33,665,493,000 for Shipbuilding and Conversion, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert + 75A-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 COLUMBIA CLASS SUBMARINE	2,443,598	2,443,598
2 COLUMBIA CLASS SUBMARINE (AP-CY)	3,390,734	3,390,734
SSBN 828 AP (FF FY26)	[949,654]	[949,654]
SSBN 829 AP (FF FY27)	[1,299,280]	[1,299,280]
SSBN 830 AP (FF FY28)	[306,938]	[306,938]
SSBN 831 AP (FF FY29)	[134,009]	[134,009]
SSBN 832 AP (FF FY30)	[110,841]	[110,841]
SSBN 833 AP (FF FY31)	[7,953]	[7,953]
SSBN 834 AP (FF FY32)	[2,708]	[2,708]
SSBN 835 AP (FF FY33)	[4,930]	[4,930]
SSBN 836 AP (FF FY34)	[4,930]	[4,930]
SSBN 837 AP (FF FY35)	[569,491]	[569,491]
3 CARRIER REPLACEMENT PROGRAM (CVN-80) Joint precision aircraft landing system early to need	1,115,296	1,104,421 -10,875
4 CARRIER REPLACEMENT PROGRAM (CVN-81)	800,492	800,492
5 VIRGINIA CLASS SUBMARINE	7,129,965	7,129,965
6 VIRGINIA CLASS SUBMARINE (AP-CY) Long lead time CFE AP prior year execution delays	3,215,539	3,158,782 -56,757
8 CVN REFUELING OVERHAULS (AP-CY) CVN 75 RCOH prior year execution delays	817,646	488,446 -329,200
9 DDG 1000 Mission systems activation unjustified growth	410,400	392,892 -17,508
10 DDG-51 Program increase - large surface combatant shipyard infrastructure	4,199,179	4,499,179 300,000
11 DDG-51 (AP-CY) Program increase - advance procurement for additional FY25 DDG 51 Realignment of fiscal year 2023 funds for advance procurement of additional FY25 DDG 51	284,035	1,641,335 1,280,000 77,300
13 FFG-FRIGATE GFE unjustified growth Change orders unjustified growth Program increase - frigate industrial base and workforce development	2,173,698	2,183,861 -30,287 -9,550 50,000
15 LPD FLIGHT II (AP-CY) Program increase - advance procurement of LPD 33 Realignment of fiscal year 2023 funds for advance procurement of LPD 33	0	500,000 250,000 250,000
18 LHA REPLACEMENT	1,830,149	1,830,149
21 AS SUBMARINE TENDER Program adjustment Transfer to RDN, line 45 for AS(X) design	1,733,234	0 -1,633,234 -100,000

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P-1	Budget Request	Final Bill
22 TAO FLEET OILER	815,420	815,420
23 TAGOS SURTASS SHIPS	0	513,466
Transfer from line 32 - T-AGOS		355,166
Realignment of fiscal year 2022 funds for full funding of T-AGOS construction		158,300
25 LCU 1700	62,532	62,532
26 OUTFITTING	557,365	512,019
Outfitting early to need		-1,918
CVN 80 outfitting early to need		-4,096
CVN 74 RCOH outfitting excess growth		-17,862
DDG 129 outfitting early to need		-11,670
EPF 16 outfitting early to need		-3,822
T-AGS outfitting early to need		-5,978
27 SHIP TO SHORE CONNECTOR	0	585,000
Program increase - four additional SSC		585,000
28 SERVICE CRAFT	63,815	93,815
Program increase - one additional YRBM		30,000
29 AUXILIARY PERSONNEL LIGHTER	0	72,000
Program increase - one additional APL		72,000
30 LCAC SLEP	15,286	15,286
31 AUXILIARY VESSELS (USED SEALIFT)	142,008	142,008
32 COMPLETION OF PY SHIPBUILDING PROGRAMS	1,648,559	1,290,093
Transfer to line 23 - T-AGOS		-355,166
FY 2022 T-ATS CTC early to need		-3,300
TOTAL, SHIPBUILDING AND CONVERSION, NAVY	32,848,950	33,665,493

75 B

SUBMARINE CONSTRUCTION PERFORMANCE

Concerns remain about the VIRGINIA Class Submarine (VCS) construction cost and schedule performance, which impact not only the construction and delivery to the fleet of VCS, but also affect the COLUMBIA Class Submarine (COL) construction schedule. It is noted that the fiscal year 2024 President's budget request includes funds for cost overruns of VCSs procured in fiscal years 2015, 2016, and 2017, and that cost overruns on additional ongoing new VCS construction programs are expected to exceed \$3,000,000,000 in future years. The Secretary of the Navy is directed to submit to the congressional defense committees the most current cost and schedule estimates, by VCS and COL, with the submission of each annual President's budget request until delivery of the twelfth and final COLUMBIA hull. The report shall identify changes from the previous year, and include detailed explanations for all submarines not fully resourced to the Navy's cost estimate, as well as all projected cost-to-complete requirements for previously appropriated submarines.

Additionally, it is noted that in directing a comprehensive Navy shipbuilding review in January, the Secretary of the Navy stated, "I remain concerned with the lingering effects of post-pandemic conditions on our shipbuilders and their suppliers that continue to affect our shipbuilding programs, particularly our COLUMBIA Class Ballistic Missile Submarines...." The Secretary is directed to brief the congressional defense committees on the findings of this review within 30 days of completion. As part of this briefing, the Secretary is directed to identify the Department of the Navy's proposed near-term actions to prevent further SSBN-826 schedule delays, mid-term actions to stabilize production and enable on-time delivery of SSBN-827, and long-term actions to enable the on-time and on-budget delivery of SSBN-828 through SSBN-837.

Further, concerns remain with the technology maturity of certain COL subsystems, which could affect the construction and delivery timelines. Accordingly, the Senior Technical Authority for COL, as designated under section 8669b of title 10, United States Code, is directed to provide directly to the congressional defense committees quarterly updates on the technology readiness of key COL subsystems and components until SSBN-826 completes its first strategic deterrent patrol. These updates shall include, at a minimum, technology maturation metrics and identification of technical, schedule, or other significant issues for the following subsystems: stern area system, advanced carbon dioxide removal unit, integrated power system (including turbine generators), torpedo tubes, strategic weapons system, and such other subsystems or components as the Senior Technical Authority may designate.

Finally, the Comptroller General is directed to conduct a comprehensive review of the VCS program, including: (1) the current status of Block V construction relative to cost, schedule, quality and performance expectations as well as risks to successfully constructing future submarines; (2) the Navy's approach to contracting and funding for Block VI, including expected savings from a multiyear procurement strategy; (3) the Navy's ability to efficiently manage VCS construction during concurrent COL construction; (4) the Navy's strategy for providing VCS to Australia; and (5) the Navy's plans for SSN(X) development. The Comptroller General is directed to provide an update briefing on this comprehensive review to the congressional defense committees not later than October 1, 2024, to be followed with quarterly updates and the final report.

OTHER PROCUREMENT, NAVY

The agreement provides \$14,385,665,000 for Other Procurement, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ Insert 78A-F

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 SURFACE POWER EQUIPMENT	14,003	12,864
Propellers and shafts – DDG 1000 blade set cost growth		-1,139
2 SURFACE COMBATANT HM&E	105,441	99,337
Ship control systems DDG 51 class cost growth		-6,104
3 OTHER NAVIGATION EQUIPMENT	110,286	105,245
Unjustified request		-5,041
4 SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	262,951	262,951
5 DDG MOD	628,532	637,092
Solid state radar equipment support costs excess growth		-2,940
Program increase - bromine free water systems		9,000
Program increase - artificial intelligence for ready relevant learning		2,500
6 FIREFIGHTING EQUIPMENT	34,782	34,782
7 COMMAND AND CONTROL SWITCHBOARD	2,458	2,458
8 LHA/LHD MIDLIFE	104,369	102,403
Amplified announcing system installation unjustified request		-1,966
9 LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	10,529	10,529
10 POLLUTION CONTROL EQUIPMENT	23,272	23,272
11 SUBMARINE SUPPORT EQUIPMENT	112,526	112,526
12 VIRGINIA CLASS SUPPORT EQUIPMENT	32,076	32,076
13 LCS CLASS SUPPORT EQUIPMENT	18,832	18,832
14 SUBMARINE BATTERIES	28,221	28,221
15 LPD CLASS SUPPORT EQUIPMENT	91,890	80,994
Mid-life modernization NRE early to need		-4,156
HW/SW obsolescence installation cost growth		-6,740
16 DDG 1000 CLASS SUPPORT EQUIPMENT	232,124	220,924
SPECTRAL integration previously funded		-11,200
17 STRATEGIC PLATFORM SUPPORT EQUIP	25,058	23,403
SWSS (VAMP MOD 3) unjustified growth		-1,655
18 DSSP EQUIPMENT	4,623	4,623
20 LCAC	10,794	10,794
21 UNDERWATER EOD EQUIPMENT	19,549	19,549
22 ITEMS LESS THAN \$5 MILLION	86,001	86,001

78A

P-1	Budget Request	Final Bill
23 CHEMICAL WARFARE DETECTORS	3,288	3,288
24 SHIP MAINTENANCE, REPAIR AND MODERNIZATION Early to need	2,746,313	2,514,988 -231,325
25 REACTOR POWER UNITS	2,016	2,016
26 REACTOR COMPONENTS	390,148	390,148
27 DIVING AND SALVAGE EQUIPMENT	18,086	18,086
28 STANDARD BOATS Program increase - diesel fuel outboard motor testing Program increase	74,963	208,578 9,000 124,615
29 OPERATING FORCES IPE Prior year under execution Program increase - oily waste treatment systems Program increase - submarine cradles to mitigate seismic risk during dry-docking availabilities	187,495	210,888 -6,607 10,000 20,000
30 LCS COMMON MISSION MODULES EQUIPMENT	49,060	49,060
31 LCS MCM MISSION MODULES Electromagnetic sweep cables contract award delay	93,961	91,670 -2,291
33 LCS SUW MISSION MODULES	12,102	12,102
34 LCS IN-SERVICE MODERNIZATION Combat system installation excess growth	171,704	154,674 -17,030
35 SMALL & MEDIUM UUV MK 18 advanced sensor package previously funded	61,951	56,856 -5,095
36 LSD MIDLIFE & MODERNIZATION	7,594	7,594
37 SPQ-9B RADAR	7,267	7,267
38 AN/SQQ-89 SURF ASW COMBAT SYSTEM	138,065	138,065
39 SSN ACOUSTIC EQUIPMENT	463,577	463,577
40 UNDERSEA WARFARE SUPPORT EQUIPMENT	23,452	23,452
41 SUBMARINE ACOUSTIC WARFARE SYSTEM ADC MK3 non recurring unjustified request	46,726	41,726 -5,000
42 SSTD	14,560	14,560
43 FIXED SURVEILLANCE SYSTEM	420,069	420,069
44 SURTASS	33,910	33,910
45 AN/SLQ-32	329,513	329,513

P-1	Budget Request	Final Bill
46 SHIPBOARD IW EXPLOIT Mods ECP excess support growth	379,230	376,000 -3,230
47 AUTOMATED IDENTIFICATION SYSTEM (AIS)	4,082	4,082
48 COOPERATIVE ENGAGEMENT CAPABILITY	37,677	37,677
49 NAVAL TACTICAL COMMAND SUPPORT SYSTEM	15,374	15,374
50 ATDLS	50,148	50,148
51 NAVY COMMAND AND CONTROL SYSTEM	3,918	3,918
52 MINESWEEPING SYSTEM REPLACEMENT	16,814	16,814
54 NAVSTAR GPS RECEIVERS (SPACE)	37,319	37,319
55 AMERICAN FORCES RADIO AND TV SERVICE	2,750	2,750
56 STRATEGIC PLATFORM SUPPORT EQUIP	6,437	6,437
57 ASHORE ATC EQUIPMENT ATNAVICS precision approach radar replacement unit cost growth	89,237	88,173 -1,064
58 AFLOAT ATC EQUIPMENT AN/SPN-50(V)1 excess support costs	90,487	88,369 -2,118
59 ID SYSTEMS	59,234	59,234
60 JOINT PRECISION APPROACH AND LANDING SYSTEM	3,343	3,343
61 NAVAL MISSION PLANNING SYSTEMS Next generation naval mission planning system unjustified growth	39,180	34,750 -4,430
62 MARITIME INTEGRATED BROADCAST SYSTEM	6,994	6,994
63 TACTICAL/MOBILE C4I SYSTEMS	52,026	52,026
64 DCGS-N	16,579	16,579
65 CANES	467,587	467,587
66 RADIAC	16,475	16,475
67 CANES-INTELL	48,207	48,207
68 GPETE	25,761	25,761
69 MASF	16,475	16,475
70 INTEG COMBAT SYSTEM TEST FACILITY	6,345	6,345
71 EMI CONTROL INSTRUMENTATION	4,282	4,282

78C

P-1	Budget Request	Final Bill
73 IN-SERVICE RADARS AND SENSORS	255,256	290,413
I-Stalker install cost excess growth		-2,054
Program increase - next generation surface search radar additional units		58,000
SPEIR Block I early to need		-20,789
74 BATTLE FORCE TACTICAL NETWORK	74,180	74,180
75 SHIPBOARD TACTICAL COMMUNICATIONS	29,776	29,776
76 SHIP COMMUNICATIONS AUTOMATION	96,916	96,916
77 COMMUNICATIONS ITEMS UNDER \$5M	14,107	14,107
78 SUBMARINE BROADCAST SUPPORT	73,791	73,791
79 SUBMARINE COMMUNICATION EQUIPMENT	83,178	83,178
80 SATELLITE COMMUNICATIONS SYSTEMS	72,871	72,903
Commercial broadband satellite program support costs growth		-2,668
Program increase - concurrent multi-link antenna		2,700
81 NAVY MULTIBAND TERMINAL (NMT)	37,921	37,921
82 JOINT COMMUNICATIONS SUPPORT ELEMENT	5,065	3,858
Unjustified growth		-1,207
83 INFO SYSTEMS SECURITY PROGRAM (ISSP)	154,890	153,716
Key management afloat support costs growth		-1,174
84 MIO INTEL EXPLOITATION TEAM	1,079	1,079
85 CRYPTOLOGIC COMMUNICATIONS EQUIP	17,483	17,483
86 COAST GUARD EQUIPMENT	77,458	73,458
Historical underexecution		-4,000
88 SONOBUOYS - ALL TYPES	311,177	311,177
89 MINOTAUR	5,396	5,396
90 WEAPONS RANGE SUPPORT EQUIPMENT	147,556	147,556
91 AIRCRAFT SUPPORT EQUIPMENT	162,273	161,203
Lightweight matting contract award delay		-1,070
92 ADVANCED ARRESTING GEAR (AAG)	11,930	11,930
93 ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM	17,836	17,836
94 METEOROLOGICAL EQUIPMENT	19,703	19,703
95 LEGACY AIRBORNE MCM	12,202	8,452
Modifications insufficient justification		-3,750
97 AVIATION SUPPORT EQUIPMENT	82,115	82,115
98 UMCS-UNMAN CARRIER AVIATION MISSION CNTRL	152,687	143,713
UCA transport system unit cost growth		-1,974
Historical underexecution		-7,000

P-1	Budget Request	Final Bill
99 ARCHITECT & CAP FOR AUTONOMY IN NAV ENTER	1,612	1,612
100 SHIP GUN SYSTEMS EQUIPMENT	6,404	6,404
101 HARPOON SUPPORT EQUIPMENT	227	227
102 SHIP MISSILE SUPPORT EQUIPMENT	294,511	280,563
SPY radar refurbishment excess growth		-9,432
NATO SEASPARROW acquisition strategy adjustment		-1,134
SSDS ship unit cost savings		-3,382
103 TOMAHAWK SUPPORT EQUIPMENT	92,432	92,432
104 STRATEGIC MISSILE SYSTEMS EQUIP	325,318	322,738
Fire control SSI increment 15 production unit cost growth		-2,580
105 SSN COMBAT CONTROL SYSTEMS	133,063	133,063
106 ASW SUPPORT EQUIPMENT	27,469	37,319
Program increase - Secure Autonomous Data Link for Undersea Warfare (USW) Portable Ranges (SADL-UP)		9,850
107 EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT	27,864	27,864
108 ITEMS LESS THAN \$5 MILLION	6,171	6,171
109 ANTI-SHIP MISSILE DECOY SYSTEM	56,630	56,630
110 SUBMARINE TRAINING DEVICE MODS	76,954	76,954
111 SURFACE TRAINING EQUIPMENT	209,487	207,369
MB040 BFTT/ATD/TSTC installation excess growth		-2,118
112 PASSENGER CARRYING VEHICLES	3,827	3,827
113 GENERAL PURPOSE TRUCKS	4,570	4,570
114 CONSTRUCTION & MAINTENANCE EQUIP	56,829	60,829
Program increase - GPS-based machine control systems		4,000
115 FIRE FIGHTING EQUIPMENT	16,583	16,583
116 TACTICAL VEHICLES	24,236	24,236
117 AMPHIBIOUS EQUIPMENT	4,504	4,504
118 POLLUTION CONTROL EQUIPMENT	3,898	3,898
119 ITEMS LESS THAN \$5 MILLION	67,286	67,286
120 PHYSICAL SECURITY VEHICLES	1,286	1,286
121 SUPPLY EQUIPMENT	33,258	33,258
122 FIRST DESTINATION TRANSPORTATION	6,977	6,977
123 SPECIAL PURPOSE SUPPLY SYSTEMS	659,529	659,529

78E

P-1	Budget Request	Final Bill
124 TRAINING SUPPORT EQUIPMENT	2,083	2,083
125 TRAINING AND EDUCATION EQUIPMENT	106,542	106,542
126 COMMAND SUPPORT EQUIPMENT	44,448	44,448
127 MEDICAL SUPPORT EQUIPMENT Program increase - fleet hospital program	12,529	17,529 5,000
129 NAVAL MIP SUPPORT EQUIPMENT	5,408	5,408
130 OPERATING FORCES SUPPORT EQUIPMENT	12,105	12,105
131 C4ISR EQUIPMENT	7,670	7,670
132 ENVIRONMENTAL SUPPORT EQUIPMENT	52,597	52,597
133 PHYSICAL SECURITY EQUIPMENT C-UAS unjustified growth	108,901	104,973 -3,928
134 ENTERPRISE INFORMATION TECHNOLOGY	42,154	42,154
139 NEXT GENERATION ENTERPRISE SERVICE	177,585	177,585
140 CYBERSPACE ACTIVITIES Persistent cyber training environment unjustified request	23,176	14,176 -9,000
142 SPARES AND REPAIR PARTS	645,900	645,900
143 VIRGINIA CLASS (VACL) SPARES AND REPAIR PARTS	470,000	470,000
999 CLASSIFIED PROGRAMS Classified adjustment	16,290	17,990 1,700
UNDISTRIBUTED REDUCTION	0	-9,566
TOTAL, OTHER PROCUREMENT, NAVY	14,535,257	14,385,665

78f

PROCUREMENT, MARINE CORPS

The agreement provides \$3,904,532,000 for Procurement, Marine Corps, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 79A-C

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 AAV7A1 PIP	3,353	3,353
2 AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES Production support excess growth	557,564	554,009 -3,555
3 LAV PIP	42,052	42,052
4 155MM LIGHTWEIGHT TOWED HOWITZER	489	489
5 ARTILLERY WEAPONS SYSTEM Unit cost growth unjustified	165,268	160,060 -5,208
6 WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	14,004	14,004
7 TOMAHAWK Carryover	105,192	93,648 -11,544
8 NAVAL STRIKE MISSILE (NSM)	169,726	169,726
9 NAVAL STRIKE MISSILE (NSM) (AP-CY)	39,244	39,244
10 GROUND BASED AIR DEFENSE Lightweight marine air defense system contract award delay Program increase - medium range intercept capability Program increase	249,103	280,018 -4,585 4,500 31,000
11 ANTI-ARMOR MISSILE-JAVELIN LWCLU surcharge unjustified	54,883	53,640 -1,243
12 FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS) Unit cost growth	23,627	20,608 -3,019
13 ANTI-ARMOR MISSILE-TOW	2,007	2,007
14 GUIDED MLRS ROCKET (GMLRS)	8,867	8,867
15 COMMON AVIATION COMMAND AND CONTROL SYSTEM Engineering/fielding support excess growth AN/TSQ-297 small form factor unit cost growth	75,382	72,214 -2,474 -694
16 REPAIR AND TEST EQUIPMENT	53,590	53,590
17 MODIFICATION KITS	1,782	1,782
18 ITEMS UNDER \$5 MILLION (COMM & ELEC) SBNVG unit cost growth	122,917	115,016 -7,901
19 AIR OPERATIONS C2 SYSTEMS CTN system production cost growth ECPs excess growth	23,744	18,714 -2,786 -2,244
20 GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	66,291	66,291
21 ELECTRO MAGNETIC SPECTRUM OPERATIONS (EMSO) MEGFoS dismounted backpackable systems early to need MEGFoS dismounted small form factor early to need Transfer to RDTE, N line 218 for small form factor acceleration	177,270	133,117 -34,637 -6,516 -3,000

79A

P-1		Budget Request	Final Bill
22	GCSS-MC	4,144	4,144
23	FIRE SUPPORT SYSTEM Mobile shelter modernization contract award delay	58,483	55,308 -3,175
24	INTELLIGENCE SUPPORT EQUIPMENT	148,062	148,062
26	UNMANNED AIR SYSTEMS (INTEL) Long range/ long endurance unit cost growth Short range/ short endurance unit cost growth	52,273	48,252 -2,302 -1,719
27	DCGS-MC Program increase - Distributed Common Ground/Surface System- Marine Corps All-Source SCI workstations	68,289	73,419 5,130
28	UAS PAYLOADS	19,088	19,088
31	EXPEDITIONARY SUPPORT EQUIPMENT	2,010	2,010
32	MARINE CORPS ENTERPRISE NETWORK (MCEN) Network transport excess growth	259,044	238,358 -20,686
33	COMMON COMPUTER RESOURCES	27,966	27,966
34	COMMAND POST SYSTEMS Unit cost growth	71,109	69,143 -1,966
35	RADIO SYSTEMS LRS FoS TEAMS II independent mast contract award delay	544,059	512,512 -31,547
36	COMM SWITCHING & CONTROL SYSTEMS	46,276	46,276
37	COMM & ELEC INFRASTRUCTURE SUPPORT	27,111	27,111
38	CYBERSPACE ACTIVITIES	27,583	27,583
40	UNMANNED EXPEDITIONARY SYSTEMS	13,564	13,564
43	COMMERCIAL CARGO VEHICLES	34,169	34,169
44	MOTOR TRANSPORT MODIFICATIONS	17,299	17,299
45	JOINT LIGHT TACTICAL VEHICLE Vehicle kits previously funded Test support excess to need	232,501	221,657 -6,600 -4,244
46	TRAILERS Program increase - Project 7/11 modular operations cells	2,034	17,034 15,000
47	TACTICAL FUEL SYSTEMS	12,956	12,956
48	POWER EQUIPMENT ASSORTED Lack of requirement	28,899	26,449 -2,450
49	AMPHIBIOUS SUPPORT EQUIPMENT	15,691	15,691
50	EOD SYSTEMS Program increase - demolition equipment set	41,200	44,200 3,000
51	PHYSICAL SECURITY EQUIPMENT	53,949	53,949

79B

P-1	Budget Request	Final Bill
52 FIELD MEDICAL EQUIPMENT	5,457	13,957
Program increase - damage control resuscitation and damage control surgery equipment		8,500
53 TRAINING DEVICES	96,577	101,577
Program increase - individual combat aircrew display system		5,000
54 FAMILY OF CONSTRUCTION EQUIPMENT	29,883	29,883
55 ULTRA-LIGHT TACTICAL VEHICLE (ULTV)	17,034	13,319
Hardware and support costs previously funded		-3,715
56 ITEMS LESS THAN \$5 MILLION	27,691	48,691
Program increase - Ultra-Lightweight Camouflage Net System		21,000
57 SPARES AND REPAIR PARTS	35,657	35,657
999 CLASSIFIED PROGRAMS	2,799	2,799
TOTAL, PROCUREMENT MARINE CORPS	3,979,212	3,904,532

79C

AIRCRAFT PROCUREMENT, AIR FORCE

The agreement provides \$20,828,306,000 for Aircraft Procurement, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 80A-D

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [[In thousands of dollars]]

P-1	Budget Request	Final Bill
1 B-21 RAIDER	1,617,093	1,562,693
Classified adjustment		-54,400
2 B-21 RAIDER (AP-CY)	708,000	708,000
3 F-35	4,877,121	5,237,889
Program increase - three F-35A aircraft		277,353
JPO requested functional transfer from line 4		83,415
Unit cost shortfalls		103,740
Excess to need - NRE		-63,371
Excess to need - AME		-40,369
4 F-35 (AP-CY)	402,000	318,585
JPO requested functional transfer to line 3		-83,415
5 F-15EX	2,670,039	2,431,261
Unjustified growth		-38,420
Air Force requested transfer to line 81 for F-15EX depot activation		-36,460
Early to need - depot activation		-43,450
Early to need - retrofit funding		-40,648
Air Force requested technical adjustment to line 25A for F-15EX		-79,800
6 F-15EX (AP-CY)	228,000	228,000
7 KC-46A MDAP	2,882,590	2,783,927
GFE (LAIRCM) previously funded		-4,821
Cost overestimation - other government costs		-9,071
Phase program growth - commodities activation		-48,110
Excess to need		-36,661
8 C-130J	34,921	1,153,521
Program increase - eight additional aircraft for the Air National Guard		840,000
Program increase - shortfall adjustment		278,600
11 MH-139A	228,807	223,201
Unjustified growth		-5,606
12 COMBAT RESCUE HELICOPTER	282,533	597,408
Program increase - ten aircraft		400,000
Reduce carryover - obsolescence		-34,175
Reduce duplicative funding - sustaining engineering and program management		-32,600
Unjustified growth - training systems		-18,350
13 CIVIL AIR PATROL A/C	3,013	11,900
Program increase		8,887
15 TARGET DRONES	42,226	34,526
Excess to need - QF-16		-7,700

80 A

P-1		Budget Request	Final Bill
17	E-11 BACN/HAG	67,367	67,367
19	B-2A	107,980	92,400
	LO signature mods previously funded		-2,565
	IFF mode 5/S installation ahead of need		-6,215
	Contract savings - display modernization		-4,700
	Early to need		-2,100
20	B-1B	12,757	9,782
	Early to need - radio crypto modernization		-2,975
21	B-52	65,815	26,936
	VLF/LF delays		-10,383
	Air Force requested transfer to RDT&E, AF line 145		-14,017
	Reduce carryover		-3,417
	Tactical data link unjustified growth		-11,062
22	LARGE AIRCRAFT INFRARED COUNTERMEASURES	21,723	21,723
24	E-11 BACN/HAG	58,923	56,923
	Other government costs unjustified request		-1,000
	FFRDC support unjustified request		-1,000
25	F-15	34,830	28,580
	Reduce carryover - advanced display core processor		-6,250
25A	F-15EX	0	79,800
	Air Force requested technical adjustment from line 5		79,800
26	F-16	297,342	250,548
	Overestimation of SLEP induction rate		-30,393
	Reduce carryover - communication suite upgrades		-16,401
27	F-22A	794,676	359,679
	Sensor enhancement contract award delays		-434,997
28	F-35 MODIFICATIONS	451,798	329,398
	Early to need - Lot 19 modifications		-122,400
29	F-15 EPAW	280,658	221,339
	Depot activation ahead of need		-12,000
	Installation excess to need		-22,010
	Unjustified growth - program management		-16,100
	Cost overestimation - production kits		-9,209
31	C-5	24,377	22,187
	Lavatory installation unjustified growth		-2,190
32	C-17A	140,560	120,710
	Schedule delays - beyond line of sight		-19,850
33	C-32A	19,060	19,060
34	C-37A	13,454	13,454

80 B

P-1		Budget Request	Final Bill
35	GLIDER MODS	5,270	5,270
36	T-6	2,942	2,942
37	T-1	10,950	10,950
38	T-38	125,340	115,340
	Installs ahead of need		-10,000
40	U-2 MODS	54,727	54,727
42	C-12	446	446
44	VC-25A MOD	29,707	29,707
45	C-40	8,921	8,921
46	C-130	71,177	91,177
	Program increase - improved modular airborne firefighting system		20,000
47	C-130J MODS	121,258	111,958
	CWR ahead of need		-4,000
	Block 8.1 other government costs unjustified growth		-5,300
48	C-135	153,595	117,591
	Ahead of need		-11,744
	Unjustified growth		-24,260
49	COMPASS CALL	144,686	144,686
50	COMBAT FLIGHT INSPECTION - CFIN	446	446
51	RC-135	220,138	220,138
52	E-3	1,350	1,350
53	E-4	13,055	13,055
56	H-1	816	816
57	H-60	4,207	4,207
60	HC/MC-130 MODIFICATIONS	101,055	101,055
61	OTHER AIRCRAFT	54,134	73,403
	Air Force requested transfer from line 66 for full combat mission trainers		11,619
	Air Force requested transfer from RDT&E,AF Line 95 for Sentinel		7,650
62	MQ-9 MODS	98,063	98,063
64	SENIOR LEADER C3 SYSTEM - AIRCRAFT	24,847	24,347
	C-37 installation cost adjustment		-500

800

P-1	Budget Request	Final Bill
65 CV-22 MODS	153,006	153,006
66 INITIAL SPARES/REPAIR PARTS	781,521	865,790
Air Force requested transfer to line 61 for full combat mission trainers		-11,619
Program increase - F-35A engine spares		132,000
Contract delays - KC-46A spares		-36,112
67 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	157,664	172,347
Program increase - future pilot training center beddown (MUNS equipment)		2,683
Program increase - training and equipment for KC-135 classic associations		12,000
68 B-2A	1,838	1,838
69 B-2B	15,207	15,207
72 MC-130J	10,117	10,117
74 F-16	1,075	6,984
Program increase - future pilot training center beddown (F-16 post production support)		5,909
75 F-22A	38,418	38,418
79 INDUSTRIAL RESPONSIVENESS	18,874	18,874
80 WAR CONSUMABLES	27,482	23,126
ALE-70 towed decoy unit cost adjustment		-4,356
81 OTHER PRODUCTION CHARGES	1,478,044	1,264,042
Combat training range system pods unit cost adjustment		-1,951
Air Force requested transfer from line 5 for F-15EX depot activation		36,460
Classified adjustment		-204,102
Early to need - T-7 depot activation funding		-44,409
999 CLASSIFIED PROGRAMS	17,165	17,165
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	20,315,204	20,828,306

80 D

AIR FORCE DIVESTMENTS

It is understood that the Air Force intends to replace fighter air wings selected for legacy divestitures with a flying mission when possible. However, it is further understood that in some instances, a non-flying replacement mission has been identified to replace legacy divestitures, and that resources must be budgeted effectively to ensure the success of such follow-on missions.

Therefore, the Secretary of the Air Force is directed to submit a report to the congressional defense committees, not later than 60 days after the enactment of this Act, identifying the resources requested in the fiscal year 2025 President's budget request and the associated future years defense program that support the stand-up of new capabilities at air wings slated for divestiture of legacy platforms.

C-130J RECAPITALIZATION

The agreement includes an increase of \$840,000,000 for eight additional C-130J aircraft for the Air National Guard, to replace existing C-130H aircraft. There is concern that if air wings are directed to operate a mixed fleet of C-130Hs and C-130Js, that could increase local maintenance burdens and decrease the overall readiness of the force. Therefore, the Secretary of the Air Force is directed to, through the existing Strategic Basing Process, prioritize upgrading existing C-130H squadrons with C-130J aircraft at a one-to-one ratio.

MISSILE PROCUREMENT, AIR FORCE

The agreement provides \$4,693,647,000 for Missile Procurement, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 82A-B

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

P-1	Budget Request	Final Bill
1 MISSILE REPLACEMENT EQUIPMENT-BALLISTIC (M30GLG)	69,319	63,059
PTR unjustified unit cost growth		-6,260
3 GROUND BASED STRATEGIC DETERRENT	539,300	0
Transfer to RDT&E,AF line 95		-539,300
4 LONG RANGE STAND-OFF WEAPON	66,816	66,816
5 REPLACEMENT EQUIPMENT & WAR CONSUMABLES	37,318	33,844
DCSA production units unjustified cost growth		-6,367
Program increase - future pilot training center beddown (MUNS equipment)		1,478
Program increase - future pilot training center beddown (F-16 support equipment)		1,415
6 JOINT AIR-SURFACE STANDOFF MISSILE	915,996	868,596
Contract modification phasing		-47,400
7 JOINT AIR-SURFACE STANDOFF MISSILE	769,672	769,672
8 JOINT STRIKE MISSILE	161,011	159,511
F-35 integration ahead of need		-1,500
9 LRASM0	87,796	87,796
10 LRASM0 (AP-CY)	99,871	99,871
11 SIDEWINDER (AIM-9X)	95,643	95,643
12 AMRAAM	489,049	489,049
13 AMRAAM (AP-CY)	212,410	53,103
Unjustified request		-159,307
14 PREDATOR HELLFIRE MISSILE	1,049	1,049
15 SMALL DIAMETER BOMB	48,734	48,734
16 SMALL DIAMETER BOMB II	291,553	291,553
17 STAND-IN ATTACK WEAPON (SIAW)	41,947	41,947
18 INDUSTRIAL PREPAREDNESS	793	793
19 ICBM FUZE MOD	115,745	115,745
20 ICBM FUZE MOD (AP-CY)	43,044	43,044
21 MINUTEMAN III MODIFICATIONS	48,639	43,239
Ahead of need		-5,400

(82 A)

P-1	Budget Request	Final Bill
22 AIR LAUNCH CRUISE MISSILE	41,494	38,930
CATIKS unjustified cost growth		-968
GMFC equipment unjustified cost growth		-1,596
23 MISSILE SPARES / REPAIR PARTS (INITIAL)	6,840	6,840
24 MISSILE SPARES / REPAIR PARTS (REPLEN)	75,191	75,191
29 SPECIAL UPDATE PROGRAMS	419,498	347,904
Classified adjustment		-71,594
999 CLASSIFIED PROGRAMS	851,718	851,718
TOTAL, MISSILE PROCUREMENT, AIR FORCE	5,530,446	4,693,647

(82 B)

PROCUREMENT OF AMMUNITION, AIR FORCE

The agreement provides \$589,943,000 for Procurement of Ammunition, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 83A

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

P-1	Budget Request	Final Bill
1 ROCKETS	18,483	18,483
2 CARTRIDGES	101,104	94,773
Unjustified increase - small cal/ground munitions		-2,863
Excess to need - Ctg, 25mm, TP (PGU-23/U)		-3,468
4 GENERAL PURPOSE BOMBS	142,118	107,154
Previously funded items		-14,855
Excess to need - MK84 fin assembly		-500
Excess to need - BDU-50/B		-18,859
Excess to need - BDU-33		-750
5 MASSIVE ORDNANCE PENETRATOR	14,074	1,250
Excess to need - Massive Ordnance Penetrator		-12,824
6 JOINT DIRECT ATTACK MUNITION	132,364	100,672
PSC other government costs unjustified growth		-3,877
Excess to need - JDAM tail kit		-27,815
7 B-61	68	0
Program adjustment		-68
8 B-61 TRAINER	10,100	10,100
9 CAD/PAD	51,487	51,487
10 EXPLOSIVE ORDNANCE DISPOSAL	6,707	6,707
11 SPARES AND REPAIR PARTS	585	585
13 FIRST DESTINATION TRANSPORTATION	2,299	2,299
14 ITEMS LESS THAN \$5,000,000	5,115	5,115
15 EXPENDABLE COUNTERMEASURES	79,786	79,786
16 FUZES	109,562	82,226
Historic underexecution		-27,336
17 SMALL ARMS	29,306	29,306
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE	703,158	589,943

OTHER PROCUREMENT, AIR FORCE

The agreement provides \$31,327,131,000 for Other Procurement, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 84A-D

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 PASSENGER CARRYING VEHICLES	6,123	6,123
2 MEDIUM TACTICAL VEHICLE	3,961	3,961
3 CAP VEHICLES	1,027	2,000
Program increase		973
4 CARGO AND UTILITY VEHICLES	45,036	47,910
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	42,615
Unjustified unit cost growth		-15,165
6 SECURITY AND TACTICAL VEHICLES	390	390
7 SPECIAL PURPOSE VEHICLES	79,023	82,560
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
Program increase - R-11 refuelers for arctic operations		5,000
8 FIRE FIGHTING/CRASH RESCUE VEHICLES	70,252	71,412
Program increase - future pilot training center beddown (BOST vehicles)		1,160
9 MATERIALS HANDLING VEHICLES	73,805	76,000
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	34,375
Program increase - future pilot training center beddown (BOST vehicles)		345
Program increase - snow removal equipment for arctic operations		12,000
11 BASE MAINTENANCE SUPPORT VEHICLES	223,354	245,634
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
Program increase - base maintenance vehicles for arctic operations		5,000
13 COMSEC EQUIPMENT	98,600	86,836
KIV-78 ahead of need		-11,764

84A

P-1	Budget Request	Final Bill
15 INTERNATIONAL INTEL TECH & ARCHITECTURES	5,393	5,393
16 INTELLIGENCE TRAINING EQUIPMENT	5,012	5,012
17 INTELLIGENCE COMM EQUIPMENT	40,042	40,042
18 AIR TRAFFIC CONTROL & LANDING SYS Manportable TACAN readiness support costs unjustified	67,581	65,578 -2,003
19 NATIONAL AIRSPACE SYSTEM	3,841	3,841
20 BATTLE CONTROL SYSTEM - FIXED	1,867	1,867
22 3D EXPEDITIONARY LONG-RANGE RADAR Unjustified growth Program increase - additional three-dimensional expeditionary long range radars and spares	83,735	178,723 -5,012 100,000
23 WEATHER OBSERVATION FORECAST Numerical weather modeling previously funded	28,530	27,530 -1,000
24 STRATEGIC COMMAND AND CONTROL	73,593	73,593
25 CHEYENNE MOUNTAIN COMPLEX	8,221	8,221
26 MISSION PLANNING SYSTEMS Unjustified cost growth	17,078	14,254 -2,824
29 STRATEGIC MISSION PLANNING & EXECUTION SYSTEM	3,861	3,861
30 GENERAL INFORMATION TECHNOLOGY Program increase - four remote simulator instructor stations Full combat mission training unjustified request Air Force requested transfer from OM,AF line 12A for mission partner environment nodes Tactical Data Networks Enterprise - high capacity backbone contract termination	206,142	175,093 3,000 -28,800 30,951 -36,200
31 AF GLOBAL COMMAND & CONTROL SYS	2,582	2,582
32 BATTLEFIELD AIRBORNE CONTROL NODE (BACN) Program adjustment	30	0 -30
33 MOBILITY COMMAND AND CONTROL	3,768	3,768
34 AIR FORCE PHYSICAL SECURITY SYSTEM Program delays OSD requested transfer from P,DW line 2 Program increase - integrated base defense security system community cybersecurity	208,704	256,311 -2,893 46,500 4,000
35 COMBAT TRAINING RANGES P6 combat training system ahead of need	346,340	332,543 -13,797

84B

P-1		Budget Request	Final Bill
36	MINIMUM ESSENTIAL EMERGENCY COMM	84,102	74,909
	GASNTi2 FFRDC support unjustified		-2,470
	GASNTi2 HEMP contract award delay		-5,546
	GASNTi2 non-HEMP contract award delay		-2,714
	Program increase - future pilot training center beddown (MUNS equipment)		1,537
37	WIDE AREA SURVEILLANCE (WAS)	11,594	11,594
38	C3 COUNTERMEASURES	148,818	148,818
44	AIR & SPACE OPERATIONS CENTER (AOC)	5,032	5,032
46	BASE INFORMATION TRANSP T INFRAST (BITI) WIRED	108,532	322,704
	Air Force requested transfer from OM,AF line 11Z		214,172
47	AFNET	154,911	152,618
	CSCS PMA previously funded		-2,293
48	JOINT COMMUNICATIONS SUPPORT ELEMENT	5,381	5,381
49	USCENTCOM	18,025	11,896
	Unjustified growth		-6,129
50	USSTRATCOM	4,436	4,436
51	USSPACECOM	27,073	20,773
	Ahead of need		-6,300
52	TACTICAL C-E EQUIPMENT	226,819	220,348
	Early to need - operational control system (BAO Kit)		-55
	Unjustified growth - mobile communications system		-6,416
53	RADIO EQUIPMENT	30,407	31,607
	Program increase - future pilot training center beddown (ELMR)		1,200
54	BASE COMM INFRASTRUCTURE	113,563	103,945
	Unjustified growth		-9,618
55	COMM ELECT MODS	98,224	115,224
	Program increase - ARCHER North Warning System		17,000
56	PERSONAL SAFETY AND RESCUE EQUIPMENT	60,473	61,473
	Program increase - in-flight pilot physiological monitoring		1,000
57	POWER CONDITIONING EQUIPMENT	9,235	9,235
58	MECHANIZED MATERIAL HANDLING EQUIPMENT	15,662	12,181
	Storage aid system unjustified unit cost growth		-1,521
	Material storage and distribution system unjustified unit cost growth		-1,960

(84C)

P-1	Budget Request	Final Bill
59 BASE PROCURED EQUIPMENT	77,875	60,526
Program increase - critical arctic munitions storage		4,300
Projects funded out of cycle		-26,916
Unjustified growth		-10,733
Program increase - civil engineering survey equipment		10,000
Program increase - disaster relief mobile kitchen trailer		5,000
Program increase - training and equipment for KC-135 classic association		1,000
60 ENGINEERING AND EOD EQUIPMENT	280,734	293,968
Air Force requested transfer from OM,AF line 12Q for RDS and RIIDS		2,284
Air Force requested transfer from OM,AF line 11R		5,950
Program increase - EOD directed energy systems (RADBO)		5,000
61 MOBILITY EQUIPMENT	207,071	161,338
Air Force requested transfer from OM,AF line 11R		25,200
Lack of justification		-70,933
62 FUELS SUPPORT EQUIPMENT	218,790	144,271
Cost growth		-11,257
Schedule discrepancies		-63,262
63 BASE MAINTENANCE AND SUPPORT EQUIPMENT	51,914	58,597
Program increase - future pilot training center beddown (F-16 support equipment)		1,683
Program increase - long-range radar site battery energy storage system		5,000
65 DARP RC135	28,882	28,882
66 DCGS-AF	129,655	129,655
70 SPECIAL UPDATE PROGRAM	1,042,833	1,042,833
999 CLASSIFIED PROGRAMS	25,456,490	26,183,199
Classified adjustment		726,709
71 SPARES AND REPAIR PARTS (CYBER)	1,032	1,032
72 SPARES AND REPAIR PARTS	12,628	12,628
TOTAL, OTHER PROCUREMENT, AIR FORCE	30,417,892	31,327,131

(84D)

PROCUREMENT, SPACE FORCE

The agreement provides \$4,064,948,000 for Procurement, Space Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 85A-B)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
 [In thousands of dollars]

P-1		Budget Request	Final Bill
1	AF SATELLITE COMM SYSTEM	64,345	64,345
3	COUNTERSPACE SYSTEMS Underexecution	52,665	50,165 -2,500
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	25,057	25,057
5	FABT FORCE ELEMENT TERMINAL Management services excess to need	121,634	113,084 -8,550
7	GENERAL INFORMATION TECH - SPACE	3,451	3,451
8	GPSIII FOLLOW ON Underexecution Unjustified request	119,700	59,148 -11,252 -49,300
9	GPS III SPACE SEGMENT Unjustified growth - SV03-10 production	121,770	103,670 -18,100
10	GLOBAL POSTIONING (SPACE)	893	893
11	HERITAGE TRANSITION Contract award delay	6,110	0 -6,110
12	JOINT TACTICAL GROUND STATIONS	580	580
13	SPACEBORNE EQUIP (COMSEC) Excess to need	83,168	50,766 -32,402
14	MILSATCOM	44,672	44,672
15	SBIR HIGH (SPACE) Underexecution	39,438	34,589 -4,849
16	SPECIAL SPACE ACTIVITIES Classified adjustment	840,913	379,578 -461,335
17	MOBILE USER OBJECTIVE SYSTEM	101,147	101,147
18	NATIONAL SECURITY SPACE LAUNCH Cost savings	2,142,846	2,097,246 -45,600
20	PTES HUB Underexecution	56,482	50,225 -6,257
21	ROCKET SYSTEMS LAUNCH PROGRAM Historical underexecution	74,848	71,757 -3,091

P-1	Budget Request	Final Bill
22 SPACE DEVELOPMENT AGENCY LAUNCH	529,468	529,468
23 SPACE MODS	166,596	166,596
24 SPACELIFT RANGE SYSTEM SPACE	114,505	114,505
25 SPARES AND REPAIR PARTS	906	906
26 POWER CONDITIONING EQUIPMENT	3,100	3,100
TOTAL, PROCUREMENT, SPACE FORCE	4,714,294	4,064,948

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NATIONAL SECURITY SPACE LAUNCH

The agreement directs the Secretary of Defense and the Director of National Intelligence to utilize the Space Force launch enterprise phase 2 contract or phase 3 contract upon award for all 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 United States government and outline the rationale for such a determination.

PROCUREMENT, DEFENSE-WIDE

The agreement provides \$6,392,675,000 for Procurement, Defense-Wide, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 87 A-D)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Final Bill
1 MAJOR EQUIPMENT, DPAA	516	516
2 MAJOR EQUIPMENT, OSD	286,006	408,006
Program increase - APFIT		200,000
Program increase - hearing protection		30,000
Program decrease - Mentor Protégé Program underexecution		-8,000
Air Force physical security systems - OSD requested transfer to OP,AF line 34		-46,500
Counter small unmanned aerial system - OSD requested transfer to OP,A line 76		-21,250
Warrior systems <\$5M - OSD requested transfer to P,DW line 75		-32,250
11 INFORMATION SYSTEMS SECURITY	12,275	10,012
Thunderdome ahead of need		-2,263
12 TELEPORT PROGRAM	42,399	34,399
SOMSAT insufficient justification		-8,000
14 ITEMS LESS THAN \$5 MILLION	47,538	47,538
15 DEFENSE INFORMATION SYSTEM NETWORK	39,472	44,172
Program increase - unified video dissemination system for INDOPACOM		4,700
16 WHITE HOUSE COMMUNICATION AGENCY	118,523	111,123
Ahead of need		-7,400
17 SENIOR LEADERSHIP ENTERPRISE	94,591	94,591
18 JOINT REGIONAL SECURITY STACKS (JRSS)	22,714	22,714
19 JOINT SERVICE PROVIDER	107,637	102,637
Program growth insufficient justification		-5,000
20 FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	33,047	29,677
Agency migrations late contract awards		-3,370
28 MAJOR EQUIPMENT	30,355	30,134
PCMV lack of acquisition plan		-221
29 MAJOR EQUIPMENT	2,135	2,135
30 MAJOR EQUIPMENT, TJS	3,747	3,747
31 THAAD	216,782	216,782
33 AEGIS BMD	374,756	374,756
35 BMDS AN/TPY-2 RADARS	29,108	29,108
36 SM-3 IAS	432,824	432,824
37 ARROW 3 UPPER TIER SYSTEMS	80,000	80,000
38 SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	40,000	40,000

(87A)

P-1	Budget Request	Final Bill
39 DEFENSE OF GUAM PROCUREMENT	169,627	169,627
40 AEGIS ASHORE PHASE III	2,390	2,390
41 IRON DOME	80,000	80,000
42 AEGIS BMD HARDWARE AND SOFTWARE	27,825	27,825
43 PERSONNEL ADMINISTRATION	3,704	3,704
46 VEHICLES	366	356
Early to need		-10
47 OTHER MAJOR EQUIPMENT	12,787	12,787
48 DTRA CYBER ACTIVITIES	21,413	19,964
Ahead of need		-1,449
49 AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,358	1,358
50 MAJOR EQUIPMENT	13,012	13,012
51 CYBERSPACE OPERATIONS	129,082	93,980
Unjustified growth - DMSS		-4,445
Unjustified growth - joint common access platform		-22,159
Unjustified growth - training		-8,498
53 ARMED OVERWATCH/TARGETING	266,846	264,688
Support equipment previously funded		-2,158
54 MANNED ISR	7,000	6,000
Low cost modifications carryover		-1,000
55 MC-12	600	600
57 ROTARY WING UPGRADES AND SUSTAINMENT	261,012	270,366
Program increase - degraded visual environment pilotage system		15,000
ASE B-kits early to need		-5,646
58 UNMANNED ISR	26,997	29,497
Program increase - SOCOM ISR		2,500
59 NON-STANDARD AVIATION	25,782	20,782
Unjustified request - theater basing initiatives		-5,000
60 U-28	7,198	5,915
Low cost modifications unjustified growth		-1,283
61 MH-47 CHINOOK	149,883	224,283
Program increase - SOCOM operational loss		74,400
62 CV-22 MODIFICATION	75,981	75,981
63 MQ-9 UNMANNED AERIAL VEHICLE	17,684	17,684
64 PRECISION STRIKE PACKAGE	108,497	104,380
B-kits unit cost growth		-4,117

P-1	Budget Request	Final Bill
65 AC/MC-130J	319,754	312,921
Program increase - MC-130J airborne mission networking upgrades		10,000
RFCM A-kit unit cost growth		-833
RFCM interim contractor support previously funded		-1,000
RFCM tech refresh early to need		-15,000
66 C-130 MODIFICATIONS	18,796	18,796
67 UNDERWATER SYSTEMS	66,111	73,111
Program increase - deep submergence collective propulsion		7,000
68 ORDNANCE ITEMS <\$5M	147,831	147,033
GOPSS man-packable PSS munitions unit cost growth		-798
69 INTELLIGENCE SYSTEMS	203,400	208,400
Program increase - family of unmanned ground systems		5,000
70 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,718	5,718
71 OTHER ITEMS <\$5M	108,816	106,131
BDP light early to need		-1,685
Integration excess growth		-1,000
72 COMBATANT CRAFT SYSTEMS	55,064	55,064
73 SPECIAL PROGRAMS	20,412	20,412
74 TACTICAL VEHICLES	56,561	66,561
Program increase - GMV 1.1		10,000
75 WARRIOR SYSTEMS <\$5M	329,837	408,700
Program increase - CUAS group 3 defeat acceleration		40,613
Program increase - enhanced night vision devices		1,000
Program increase - resilient waveform communications		5,000
Program increase - OSD requested transfer from line 2		32,250
76 COMBAT MISSION REQUIREMENTS	4,987	4,987
77 OPERATIONAL ENHANCEMENTS INTELLIGENCE	23,639	23,639
78 OPERATIONAL ENHANCEMENTS	322,341	322,341
79 CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	159,884	149,631
Aerosol and vapor chemical agent detector early to need		-2,458
Joint bio tactical detection system early to need		-7,025
Joint chemical agent detector solid liquid adaptor unit cost savings		-770
80 CB PROTECTION & HAZARD MITIGATION	231,826	239,255
Program increase - protective clothing		2,000
Program increase - smallpox antiviral treatment		10,000
Advanced anticonvulsant system support cost excess growth		-432
Special purpose unit rapid capability development and deployment early to need		-3,756
Uniform integrated protective ensemble family of systems air excess engineering support growth		-383

P-1	Budget Request	Final Bill
999 CLASSIFIED PROGRAMS Classified adjustment	658,529	669,925 11,396
TOTAL, PROCUREMENT, DEFENSE-WIDE	6,156,975	6,392,675

87D

DEFENSE PRODUCTION ACT PURCHASES

The agreement provides \$587,905,000 for Defense Production Act Purchases, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
DEFENSE PRODUCTION ACT PURCHASES	968,605	578,905
Program increase - aluminum-scandium master alloy production		10,000
Program increase - domestic aluminum casting		23,000
Program increase - heavy forging capacity improvement program		8,000
Program increase - manufacturing of hypersonic components		5,000
Program increase - new domestic source of solid rocket motor production and modernization at scale		14,300
Program increase - secure composite shipping containers		9,000
Execution risk		-450,000
TOTAL, DEFENSE PRODUCTION ACT PURCHASES	968,605	587,905

DEFENSE PRODUCTION ACT EXECUTABILITY AND OVERSIGHT

The agreement notes that unobligated balances for the Defense Production Act have significantly increased in the past four fiscal years, which results in delayed industrial capacity expansion and uncertainty to the defense industrial base regarding the Department's plans. It is expected that funding appropriated to the Defense Production Act Purchases account continue to conform to the purposes communicated to the House and Senate Defense Appropriations Subcommittees during review of the fiscal year 2024 President's budget request, and that any changes to the Department's plans be communicated to the same Subcommittees not less than 30 days prior to execution of funds.

PRINTED CIRCUIT BOARDS

It is noted that printed circuit boards are key components of advanced defense technologies and that a strong domestic defense industrial base includes the ability to fabricate printed circuit boards. It is understood that the Department of Defense intends to use the Defense Production Act Purchases account to address domestic industrial base shortfalls for printed circuit boards in fiscal year 2024. The Secretary of Defense is encouraged to prioritize Defense Production Act investments in support of domestic printed circuit board fabrication.

NATIONAL GUARD AND RESERVE EQUIPMENT

The agreement provides \$1,000,000,000 for National Guard and Reserve Equipment, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS (In thousands of dollars)

	Budget Request	Final Bill
ARMY NATIONAL GUARD	0	310,000
Program increase - miscellaneous equipment		310,000
AIR NATIONAL GUARD	0	300,000
Program increase - miscellaneous equipment		300,000
ARMY RESERVE	0	155,000
Program increase - miscellaneous equipment		155,000
NAVY RESERVE	0	57,000
Program increase - miscellaneous equipment		57,000
MARINE CORPS RESERVE	0	23,000
Program increase - miscellaneous equipment		23,000
AIR FORCE RESERVE	0	155,000
Program increase - miscellaneous equipment		155,000
TOTAL, NATIONAL GUARD AND RESERVE EQUIPMENT	0	1,000,000

NATIONAL GUARD AND RESERVE EQUIPMENT

The agreement includes an appropriation of \$1,000,000,000 for the National Guard and Reserve Equipment Account. Of that amount, \$310,000,000 is for the Army National Guard; \$300,000,000 is for the Air National Guard; \$155,000,000 is for the Army Reserve; \$57,000,000 is for the Navy Reserve; \$23,000,000 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. The agreement includes direction for the component commanders of the Army Reserve, Navy Reserve, Marine Forces Reserve, Air Force Reserve, Army National Guard, and Air National Guard to submit to the congressional defense committees a detailed assessment of their component's modernization priorities, not later than 30 days after the enactment of this Act.

The Secretary of Defense is directed 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; aircraft survivability equipment and weapons training aids; aircraft wash systems; aviation fleet management dashboard software; crash-worthy, ballistically tolerant auxiliary fuel systems for UH-60 helicopters; degraded visual environment systems; F-16 simulators; high mobility multi-purpose wheeled vehicle modernization; KC-135 aircraft emergency response refuel equipment kits; KC-135 aircrew ground cooling units; land surveying systems; laser chemical threat detection systems; lightweight, rapidly deployable, computer-based artillery call for fire training and simulation; litter stabilization systems; M917A3 heavy dump trucks; modern acoustic and thermal aviation blankets; 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; upgraded commercial-off-the-shelf ground mapping for C-130 aircraft; and vehicle-mounted, man-portable radiological nuclear detection systems.

AIRCRAFT TRAINING SIMULATORS

Not later than 30 days after the submission of the fiscal year 2025 President's budget request, the Chief of Staff of the Air Force, in coordination with the Chief of the National Guard Bureau, shall provide documentation to the congressional defense committees, illustrating how they have programmed appropriately for the sufficient resourcing of aircraft training simulators, to include simulators for F-16s, for the Air National Guard in accordance with current Department of the Air Force policy regarding concurrent and proportional modernization to ensure total force readiness.

TITLE IV - RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The agreement provides \$148,320,479,000 in Title IV, Research, Development, Test and Evaluation, as follows:

~~(INSERT RDTE SUMMARY TABLE)~~ (Insert 91A

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL

RECAPITULATION		
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	15,775,381	17,115,037
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	26,922,225	27,964,807
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.	46,565,356	47,340,416
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE.....	19,199,340	18,669,844
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	36,085,834	36,892,886
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	331,489	337,489
	=====	=====
GRAND TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	144,879,625	148,320,479

91A

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 \$15,000,000 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 reprogrammings 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 statement.

FUNDING INCREASES

The funding increases outlined in these tables shall be provided only for the specific purposes indicated in the tables. Additional guidance is provided in the overview of this explanatory statement.

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 the joint explanatory statement 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 the joint explanatory statement.

RAPID ACQUISITION AUTHORITY

Section 229 of the National Defense Authorization Act for Fiscal Year 2024 (Public Law 118-31) provided new rapid acquisition authorities to the Secretaries of the military departments. Section 8139 of this Act restates the applicable funding limitations from section 3601 of title 10, United States Code. The agreement notes that, over the past fiscal year, Rapid Acquisition Authority notifications required by law have not been timely or comprehensive. The Secretary of Defense is directed to provide a briefing to the House and Senate Defense Appropriations Subcommittees, not later than 30 days after the enactment of this Act, that describes how the utilization of Rapid Acquisition Authority will be communicated in a more complete and timely fashion in fiscal year 2024 and thereafter.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

The agreement provides \$17,115,037,000 for Research, Development, Test and Evaluation, Army, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 94A-P)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Final Bill
1 DEFENSE RESEARCH SCIENCES	296,670	334,670
Program increase - joint research laboratories		18,000
Program increase - quantum computing center		10,000
Program increase - development of crystalline porous materials		5,000
Program increase - unmanned aerial systems hybrid propulsion		5,000
2 UNIVERSITY RESEARCH INITIATIVES	75,672	85,672
Program increase - cyber autonomy range		3,000
Program increase - soldier touchpoint center		7,000
3 UNIVERSITY AND INDUSTRY RESEARCH CENTERS	108,946	124,946
Program increase - renewable energy technologies		5,000
Program increase - biotechnology advancements		1,000
Program increase - materials in extreme dynamic environments		5,000
Program increase - quantum and photonics research		5,000
4 CYBER COLLABORATIVE RESEARCH ALLIANCE	5,459	5,459
5 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH	10,708	10,708
6 ARMY AGILE INNOVATION AND DEVELOPMENT-APPLIED RESEARCH	5,613	1,000
Undefined requirement		-4,613
8 COUNTER IMPROVISED-THREAT ADVANCED STUDIES	6,242	6,242
9 LETHALITY TECHNOLOGY	85,578	152,578
Program increase - advanced semiconductor power devices		12,500
Program increase - advanced materials and manufacturing for modernization		20,000
Program increase - armaments technology of unmanned systems		1,000
Program increase - carbon composites for hypersonic weapons		10,000
Program increase - tactical organic fire support		5,000
Program increase - advanced materials research and development		9,000
Program increase - ceramic protection materials		2,500
Program increase - digital technologies for armament systems		2,000
Program increase - quantum technologies for armament systems		5,000
10 ARMY APPLIED RESEARCH	34,572	34,572

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	Budget Request	Final Bill
11 SOLDIER LETHALITY TECHNOLOGY	104,470	210,770
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
Program increase - academic accelerator program		17,000
Program increase - advanced textiles and shelters		6,000
Program increase - digital night vision technology		8,800
Program increase - enhanced ballistic protective eyewear		1,000
Program increase - enhanced soldier ballistic protection		2,000
Program increase - Pathfinder adaptive experimentation force		3,000
Program increase - Pathfinder arctic warfare		5,000
Program increase - Perovskite-based energy generation		2,500
Program increase - sustainability of soldier-borne equipment through synthetic biology		2,500
Program increase - wafer-level vacuum packaging		5,500
12 GROUND TECHNOLOGY	60,005	269,505
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		10,000
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 - high performance polymer composites		3,500
Program increase - integrity of transparent armor		5,000
Program increase - pavement preservation		3,500
Program increase - quadruped unmanned ground vehicles		4,000
Program increase - rapid advanced deposition		15,000
Program increase - rapid ultra-lightweight infrastructure manufacturing		6,000
Program increase - stainless steel applications for defense use		10,000
Program increase - artificial intelligence framework for adaptive polymer composites		5,000
Program increase - autonomous rough terrain container handler		3,000
Program increase - ceramic materials for extreme environments		3,000
Program increase - critical hybrid advanced materials processing		5,000
Program increase - convergent manufacturing for microfactories		2,000
Program increase - defense resiliency against extreme cold weather		8,000
Program increase - electrolyzer technology		3,500
Program increase - forecasting development of arctic maritime and permafrost conditions		2,000
Program increase - high temperature alloy powders		10,000
Program increase - materials technology for rare earth elements		10,000
Program increase - metal forging innovation		5,000
Program increase - mine and improvised explosive device detection research		2,000
Program increase - novel material solutions in austere operating environments		10,000
Program increase - PFAS predictive modeling		5,000
Program increase - polar proving ground		10,000
Program increase - predictive development of water-related hazards		6,000
Program increase - protective coatings		10,000
Program increase - research for hydrogen energy from galvanic aluminum		5,000
Program increase - scaling of lightweight metallurgical development		1,500
Program increase - verified inherent control		1,500

	Budget Request	Final Bill
13 NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	166,500	260,200
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
Program increase - fast-refueling fuel cell engines		3,500
Program increase - hydrogen technologies		10,000
Program increase - hyperspectral sensors for autonomous operations		2,000
Program increase - large metal additive manufacturing for ground vehicles		10,000
Program increase - mobility materials research		10,000
Program increase - small unit technology advancements		7,000
14 NETWORK C3I TECHNOLOGY	81,618	162,618
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
Program increase - agile sensing for radio frequency and radar capabilities		5,000
Program increase - detection of unexploded ordnance technology		6,000
Program increase - integrated photonics for contested RF environments		10,000
Program increase - multi-static radar system		8,000
Program increase - social network analysis		5,000
Program increase - urban subterranean mapping technology		2,000
15 LONG RANGE PRECISION FIRES TECHNOLOGY	34,683	83,183
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		10,500
Program increase - advanced manufacturing for refractory alloys		5,000
Program increase - high speed missile materials		18,000
Program increase - hypersonic wind tunnel development		5,000
16 FUTURE VERTICAL LIFT TECHNOLOGY	73,844	99,344
Program increase - high density eVTOL power source		10,000
Program increase - high strength functional composites		5,000
Program increase - robotic operating system		5,000
Program increase - adaptive flight control technology		3,000
Program increase - future vertical lift technologies		2,500
17 AIR AND MISSILE DEFENSE TECHNOLOGY	33,301	87,801
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
Program increase - Army missile risk-based mission assurance		2,500
Program increase - beam control systems and industry grade optical fiber fabrication for energy laser		15,000
18 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES	24,142	27,142
Program increase - automated battle damage assessment and adjust fire		3,000

R-1		Budget Request	Final Bill
19	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	14,297	14,297
20	C3I APPLIED RESEARCH	30,659	32,659
	Program increase - sensor development for detection of chemical and biological threats		2,000
21	AIR PLATFORM APPLIED RESEARCH	48,163	54,663
	Program increase - manufacturing technology for reverse engineering		5,000
	Program increase - multispectral sensors for unmanned aerial systems		1,500
22	SOLDIER APPLIED RESEARCH	18,986	18,986
23	C3I APPLIED CYBER	22,714	22,714
24	BIOTECHNOLOGY FOR MATERIALS - APPLIED RESEARCH	16,736	16,736
25	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	19,969	19,969
26	MEDICAL TECHNOLOGY	66,266	141,500
	Program increase - human performance optimization		15,000
	Program increase - nutrition impacts on military health and performance		5,000
	Program increase - bioelectronic device program		5,000
	Program increase - biomaterials for combat wound care		3,000
	Program increase - biomedical research for the improvement of cartilage healing		1,000
	Program increase - development of combat-ready antimicrobial hemostatic wound dressing		5,000
	Program increase - multiplexed assay for immune responses to infectious diseases		2,000
	Program increase - musculoskeletal health and performance research		2,500
	Program increase - nanomaterials for bone regeneration		5,000
	Program increase - trauma immunology		10,000
	Program increase - physiological study of female warfighters to improve training		15,000
	Program increase - RNA therapeutics for infectious disease threats		4,000
	Program increase - treatment research for osseointegrated implants		2,734
27	MEDICAL ADVANCED TECHNOLOGY	4,147	23,881
	Program increase - prophylactic medical countermeasure for acute radiation syndrome		5,000
	Program increase - hearing protection for communications		8,000
	Program increase - novel strategies to prevent infection in severe fractures		4,734
	Program increase - suicide prevention with a focus on rural, remote, isolated, and OCONUS installations		2,000
28	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	16,316	16,316
29	ARMY AGILE INNOVATION AND DEMONSTRATION	23,156	23,156
30	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES	13,187	24,687
	Program increase - cognitive computing architecture for military systems		11,500
31	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	33,332	33,332
32	C3I ADVANCED TECHNOLOGY	19,225	19,225
33	AIR PLATFORM ADVANCED TECHNOLOGY	14,165	14,165
34	SOLDIER ADVANCED TECHNOLOGY	1,214	1,214

R-1	Budget Request	Final Bill
36 LETHALITY ADVANCED TECHNOLOGY	20,582	69,582
Program increase - hypersonic test range infrastructure		35,000
Program increase - robotic electric submersible vehicles		14,000
37 ARMY ADVANCED TECHNOLOGY DEVELOPMENT	136,280	136,280
38 SOLDIER LETHALITY ADVANCED TECHNOLOGY	102,778	129,278
Program increase - advanced female body armor		7,000
Program increase - squad operations advanced resupply		5,000
Program increase - personal air mobility capability		2,500
Program increase - inspection scanners with computing machine learning		2,000
Program increase - military footwear research		10,000
39 GROUND ADVANCED TECHNOLOGY	40,597	281,097
Program increase - additive manufacturing with indigenous materials		8,000
Program increase - anticipating threats to natural systems		6,000
Program increase - binder jet additive components		10,000
Program increase - clean modular hydropower		14,000
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 - OLED micro displays		4,000
Program increase - ruggedized deployable solar generator		8,000
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		10,000
Program increase - accelerator technology for ground maneuver		4,000
Program increase - alternative cement solutions		5,000
Program increase - Army visual and tactical arctic reconnaissance		2,000
Program increase - assessments and monitoring systems for historic structures		3,000
Program increase - autonomous combat engineering program		2,000
Program increase - cold weather military research		4,000
Program increase - counter-UAS silent passive radar system		5,000
Program increase - deep strength pavement		5,000
Program increase - entry control points at installations		2,500
Program increase - extreme temperatures energy resilience research		5,000
Program increase - graphene applications for military engineering		2,500
Program increase - hydrogen fuel cell back-up power system development		5,000
Program increase - impacts of soil structures on hydrology		4,000
Program increase - innovative design and manufacturing of advanced composites/multi material protective systems		5,000
Program increase - mass timber applications for military construction projects		2,500
Program increase - materials and manufacturing technology for cold environments		6,000
Program increase - mobile micro-reactor program		5,000
Program increase - rechargeable lithium batteries		5,000
Program increase - reconfigurable underground test and evaluation		5,000
Program increase - reusable polymer technology		2,500
Program increase - soft target protection		5,000
Program increase - synthetic fuel research		3,000
Program increase - rapid entry and sustainment for the arctic		7,000
Program increase - weapon terminal effects in extreme temperatures		6,000
Program increase - virtual environment for cold weather mobility testing		6,000

R-1	Budget Request	Final Bill
40 COUNTER IMPROVISED-THREAT SIMULATION	21,672	21,672
41 BIOTECHNOLOGY FOR MATERIALS - ADVANCED RESEARCH	59,871	59,871
42 C3I CYBER ADVANCED DEVELOPMENT	28,847	48,847
Program increase - high bandwidth cryptomodule		20,000
43 HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	255,772	255,772
44 NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY	217,394	452,028
Program increase - additive manufacturing of critical components		5,000
Program increase - advanced adhesives		5,000
Program increase - advanced manufacturing center of excellence		12,500
Program increase - autonomous vehicle mobility		5,500
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 - driver vision enhancement with sensor fusion technology		15,000
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 - silent watch hydrogen fuel cell		10,000
Program increase - synthetic graphite battery technology		10,000
Program increase - titanium armor and joining techniques		5,000
Program increase - advanced materials applications		12,000
Program increase - advanced nickel-cobalt alloy armor protection		8,000
Program increase - augmented reality for denied environments		3,500
Program increase - autonomous ground vehicle research		3,000
Program increase - autonomous minefield clearance		8,134
Program increase - blast resistant fuel systems		2,500
Program increase - cybersecurity for autonomous ground vehicles		5,500
Program increase - digital enterprise management for OMFV		10,000
Program increase - dual chemistry battery pack demonstration		5,000
Program increase - human digital twin and human-machine interaction		3,000
Program increase - hydrogen storage solution		5,000
Program increase - lithium-ion batteries for military vehicles		8,000
Program increase - medium caliber hybrid composite barrel		3,000
Program increase - modular electric motors		5,000
Program increase		8,000
Program increase - predictive maintenance system		2,000
Program increase - radio frequency photonic systems		4,000
Program increase - threat detection for 5G-enabled drones		2,500
Program increase - virtual and physical prototyping		8,000

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	Budget Request	Final Bill
45 NETWORK C3I ADVANCED TECHNOLOGY	105,549	172,549
Program increase - C5ISR next generation flexible digital antenna		21,000
Program increase - advanced encryption technology		7,000
Program increase - denied area monitoring and exploitation		2,500
Program increase - advanced dynamic spectrum reconnaissance		1,500
Program increase - C5ISR modular open suite of standards integration		15,000
Program increase - inter-satellite links for space operations		3,000
Program increase - modular open systems architecture development for radio frequency systems		10,000
Program increase - next generation command platform		7,000
46 LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	153,024	235,524
Army requested transfer from line 212		30,000
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
Program increase - hypersonic metal alloys		7,500
Program increase - aluminum lithium alloy solid rocket flight demonstration		5,000
Program increase - digital engineering for missile technology		5,000
47 FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	158,795	223,545
Program increase - additive manufacturing for maintenance, repair, and overhaul operations		8,000
Program increase - advanced air mobility		5,000
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
Program increase - composite structure research for aircraft		5,000
Program increase - high performance steels for improved drive system		3,000
Program increase - multi mission capability for unmanned aircraft		1,000
Program increase - platform digitization and maintenance		5,500
48 AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	21,015	87,015
Program increase - advanced multilayered mobile force protection		20,000
Program increase - HEL power and thermal subsystem		10,000
Program increase - distributed gain 300kW-class laser weapons system		10,000
Program increase - future interceptor		10,000
Program increase - physics-based hardware and software algorithms		5,000
Program increase - SHORAD integration and evaluation		2,500
Program increase - silicon carbide electronics		8,500
49 HUMANITARIAN DEMINING	9,068	23,068
Program increase		14,000
51 ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	12,904	48,904
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
Program increase - weather impacts toolkit		5,000
52 ARMY SPACE SYSTEMS INTEGRATION	19,120	29,120
Program increase - AI anomalous cyber intrusion defender		5,000
Program increase - multi-mission synthetic aperture radar payload development		5,000

R-1		Budget Request	Final Bill
53	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	0	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
55	TANK AND MEDIUM CALIBER AMMUNITION	91,323	106,323
	Carryover		-2,000
	Program increase - 30mm proximity ammunition qualification for AH-64		15,000
	Program increase - multi-mode proximity airburst for counter-UAS		2,000
56	ARMORED SYSTEM MODERNIZATION - ADV DEV	43,026	58,026
	Program increase - advanced combat engine		13,000
	Program increase - next generation fuel cell truck		2,000
57	SOLDIER SUPPORT AND SURVIVABILITY	3,550	3,550
58	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV	65,567	65,567
59	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	73,675	43,075
	Program increase - wafer-scale image intensifier technology		5,000
	Army requested transfer to line 101 for IVAS 1.2		-42,600
	Program increase - immersive AR/VR for UAS		7,000
60	ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL	31,720	19,720
	Carryover		-2,500
	Program increase - underwater cut and capture		5,000
	Program decrease		-19,500
	Program increase - friction stir additive manufacturing		5,000
61	NATO RESEARCH AND DEVELOPMENT	4,143	4,143
62	AVIATION - ADV DEV	1,502,160	1,507,160
	Program increase - all-electric flight control system		5,000
63	LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	7,604	19,604
	Program increase - Army executive agent program, microreactors		12,000
64	MEDICAL SYSTEMS - ADV DEV	1,602	6,102
	Program increase - arctic medical evacuation and treatment system		2,000
	Program increase - wearable medical device for TBI prevention		2,500
65	SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	27,681	42,481
	Program increase - rifle integrated controller		5,000
	Program increase - tactical hearing protection		3,000
	Soldier protective equipment excess to need		-2,200
	Program increase - development of fully integrated sight		5,000
	Program increase - laser range finder		4,000
66	ROBOTICS DEVELOPMENT	3,024	3,024
67	EXPANDED MISSION AREA MISSILE (EMAM)	97,018	112,394
	IFPC-HEL ahead of need		-24,624
	Program increase - IFPC-HPM		40,000
68	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING	117,557	64,119
	Program decrease		-53,438

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R-1		Budget Request	Final Bill
69	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	38,851	38,851
70	MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	191,394	191,394
71	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV	10,626	10,626
72	ANALYSIS OF ALTERNATIVES	11,095	11,095
73	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	5,144	5,144
74	ELECTRONIC WARFARE PLANNING AND MANAGEMENT TOOL (EWPMT)	2,260	2,260
75	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS) Program increase - resilient battlefield communication Program increase - secure APNT for FTUAS	53,143	67,143 10,000 4,000
76	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR Field sensors early to need	816,663	530,373 -286,290
77	TECHNOLOGY MATURATION INITIATIVES Unjustified growth	281,314	257,977 -23,337
78	MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD) Program increase - C-UAS enhancements Increment II prototype delay	281,239	300,257 26,263 -7,245
79	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	204,914	204,914
80	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) Program increase - AltNav capability	40,930	55,930 15,000
81	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING	109,714	109,714
82	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	16,426	16,426
83	STRATEGIC MID-RANGE FIRES	31,559	31,559
84	HYPERSONICS Army-requested transfer from line 147 Army-requested transfer from MiPA line 12 Program increase - near net shape materials	43,435	202,778 130,630 23,713 5,000
85	FUTURE INTERCEPTOR	8,040	8,040
86	COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT Unjustified request	64,242	56,932 -7,310
87	UNIFIED NETWORK TRANSPORT	40,915	40,915
91	AIRCRAFT AVIONICS	13,673	13,673
92	ELECTRONIC WARFARE DEVELOPMENT	12,789	12,789

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R-1	Budget Request	Final Bill
93 INFANTRY SUPPORT WEAPONS	64,076	83,176
Program increase - arctic mobility dismounted domestic boot		600
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	18,226
Program decrease		-10,000
95 JAVELIN	7,827	7,827
96 FAMILY OF HEAVY TACTICAL VEHICLES	44,197	41,697
Predictive logistics RSIP early to need		-2,500
97 AIR TRAFFIC CONTROL	1,134	11,134
Program increase - integrated mission planning and airspace control tools		10,000
98 TACTICAL UNMANNED GROUND VEHICLE (TUGV)	142,125	142,125
99 LIGHT TACTICAL WHEELED VEHICLES	53,564	9,864
Program decrease		-43,700
100 ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV	102,201	99,201
Funding excess to need		-3,000
101 NIGHT VISION SYSTEMS - ENG DEV	48,720	146,804
Soldier night vision device - historical underexecution		-2,000
Maintain soldier night vision device level of effort		-1,000
Army-requested transfer from line 59 for IVAS 1.2		42,600
Transfer from OP.A line 70 for IVAS 1.2		20,055
Program increase - additional systems only to conduct scaled operational demonstration		38,429
102 COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,223	2,223
103 NON-SYSTEM TRAINING DEVICES - ENG DEV	21,441	21,441
AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -	74,738	89,738
104 ENG DEV		
Program increase - C-UAS enhancements		5,000
Program increase - software integration digital ecosystem		10,000
105 CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	30,985	30,985
106 AUTOMATIC TEST EQUIPMENT DEVELOPMENT	13,626	13,626
107 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG DEV	8,802	8,802
108 BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	20,828	20,828
109 WEAPONS AND MUNITIONS - ENG DEV	243,851	266,851
Program increase - lightweight ammunition manufacturing resilience		5,000
Program increase - low drag artillery guidance kit		5,000
Program increase - LR-PGK acceleration		10,000
Program increase - OMFV ammunition		3,000

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R-1	Budget Request	Final Bill
110 LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV	37,420	59,920
Program increase - mobile ULCANS		5,000
Program increase - arctic campaigning logistics and engineer equipment		1,000
Program increase - arctic capable expeditionary shelters		4,500
Program increase - deployable, energy efficient, rigid wall shelter		12,000
COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG	34,214	49,214
111 DEV		
Program increase - mounted mission command-transport		15,000
MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE	6,496	6,496
112 EQUIPMENT - ENG DEV		
113 LANDMINE WARFARE/BARRIER - ENG DEV	13,581	33,581
Program increase - prototype integration		20,000
ARMY TACTICAL COMMAND & CONTROL HARDWARE &	168,574	168,574
114 SOFTWARE		
115 RADAR DEVELOPMENT	94,944	81,332
Carryover		-13,612
116 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBs)	2,965	2,965
117 SOLDIER SYSTEMS - WARRIOR DEM/VAL	11,333	19,333
Program increase - conformal wearable battery		5,000
Program increase - wearable fuel cell development		3,000
118 SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS - EMD	79,250	73,050
Carryover		-5,000
Maintain program management level of effort		-1,200
119 ARTILLERY SYSTEMS - EMD	42,490	47,490
Program increase - soft recoil for 105mm extended range artillery systems		5,000
120 INFORMATION TECHNOLOGY DEVELOPMENT	104,024	89,151
Phase EBS-C program growth		-9,750
ArmyIgnitED historical underexecution		-5,123
121 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	102,084	90,207
Program decrease		-11,877
123 JOINT TACTICAL NETWORK CENTER (JTNC)	18,662	18,662
124 JOINT TACTICAL NETWORK (JTN)	30,328	30,328
125 COMMON INFRARED COUNTERMEASURES (CIRCM)	11,509	11,509
126 COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	1,050	1,050
128 DEFENSIVE CYBER TOOL DEVELOPMENT	27,714	30,586
Transfer to line 228 for BA-08 execution		-5,128
Program increase - multi-factor authentication for cyber security		8,000
129 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	4,318	4,318
130 CONTRACT WRITING SYSTEM	16,355	12,859
Program decrease		-3,496

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R-1	Budget Request	Final Bill
131 MISSILE WARNING SYSTEM MODERNIZATION (MWSM) Excess PM request	27,571	20,247 -7,324
132 AIRCRAFT SURVIVABILITY DEVELOPMENT	24,900	24,900
133 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1 Program decrease	196,248	179,248 -17,000
134 GROUND ROBOTICS Program increase - common robotic controller SMET Inc II early to need	35,319	27,337 10,000 -17,982
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	118,874 -94,600 5,000 7,200
137 NEXT GENERATION LOAD DEVICE - MEDIUM	36,970	36,970
139 TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD	132,136	132,136
140 ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	81,657	81,657
141 SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5) LRR insufficient justification	31,284	24,769 -6,515
142 CI AND HUMINT EQUIPMENT PROGRAM-ARMY	2,170	2,170
143 JOINT TARGETING INTEGRATED COMMAND AND COORDINATION SUITE (JTIC2S)	9,290	9,290
144 MULTI-DOMAIN INTELLIGENCE Phase program growth	41,003	23,605 -17,398
146 PRECISION STRIKE MISSILE (PRSM)	272,786	272,786
147 HYPERSONICS EMD Army-requested transfer to line 84 Program increase - common hypersonic glide body	900,920	800,290 -130,630 30,000
148 ACCESSIONS INFORMATION ENVIRONMENT (AIE)	27,361	27,361
149 STRATEGIC MID-RANGE CAPABILITY Carryover	348,855	336,355 -12,500
150 INTEGRATED TACTICAL COMMUNICATIONS	22,901	22,901
151 JOINT AIR-TO-GROUND MISSILE (JAGM)	3,014	3,014
152 ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD) Program increase - intelligent multi-platform swarm defeat	284,095	296,095 12,000
153 COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION	36,016	36,016
154 MANNED GROUND VEHICLE Contract savings	996,653	586,453 -410,200

R-1	Budget Request	Final Bill
155 NATIONAL CAPABILITIES INTEGRATION (MIP)	15,129	15,129
JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND	27,243	0
156 MANUFACTURING DEVELOPMENT		
Program decrease		-27,243
157 AVIATION GROUND SUPPORT EQUIPMENT	1,167	1,167
158 TROJAN - RH12	3,879	3,879
159 ELECTRONIC WARFARE DEVELOPMENT	137,186	137,186
160 THREAT SIMULATOR DEVELOPMENT	38,492	72,992
Program increase - CSOC extended regional cyber spoke		12,500
Program increase - threat counter-artificial intelligence		10,000
Program increase - CSOC for contested logistics		5,000
Program increase - UAS swarm threat representation, detection, and mitigation		7,000
161 TARGET SYSTEMS DEVELOPMENT	11,873	34,373
Program increase - replacement of foreign engines for aerial targets		12,500
Program increase - UAS 5G, AI, and cyber detection and mitigation		10,000
162 MAJOR T&E INVESTMENT	76,167	90,467
Program increase - advancing operational test infrastructure		14,300
163 RAND ARROYO CENTER	37,078	37,078
164 ARMY KWAJALEIN ATOLL	314,872	314,872
165 CONCEPTS EXPERIMENTATION PROGRAM	95,551	90,351
Maintain Project Convergence level of effort		-10,200
Program increase - Army Expeditionary Warrior Experiment		5,000
167 ARMY TEST RANGES AND FACILITIES	439,118	447,118
Program increase - WDTA		8,000
168 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	42,220	47,220
Program increase - rapid assurance modernization program - test		5,000
169 SURVIVABILITY/LETHALITY ANALYSIS	37,518	37,518
170 AIRCRAFT CERTIFICATION	2,718	2,718
172 MATERIEL SYSTEMS ANALYSIS	26,902	23,402
Program decrease		-3,500
173 EXPLOITATION OF FOREIGN ITEMS	7,805	7,805
174 SUPPORT OF OPERATIONAL TESTING	75,133	75,133
175 ARMY EVALUATION CENTER	71,118	71,118
ARMY MODELING & SIM X-CMD COLLABORATION &	11,204	11,204
176 INTEGRATION		
177 PROGRAMWIDE ACTIVITIES	93,895	93,895
178 TECHNICAL INFORMATION ACTIVITIES	31,327	31,327

94 M

R-1	Budget Request	Final Bill
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND	50,409	52,909
179 SAFETY		
Program increase - industrial base resiliency		2,500
180 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,629	1,629
181 ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA	55,843	55,843
182 RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	91,340	91,340
183 COUNTERINTEL AND HUMAN INTEL MODERNIZATION	6,348	6,348
185 ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	6,025	6,025
187 MLRS PRODUCT IMPROVEMENT PROGRAM	14,465	14,465
188 ANTI-TAMPER TECHNOLOGY SUPPORT	7,472	7,472
WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT	8,425	75,206
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		10,500
Program increase - agile manufacturing for advanced armament systems		5,000
Program increase - development and testing software for 155 mm round production		12,000
Program increase - hybrid ammunition manufacturing for next-generation squad weapons		10,181
Program increase - refractory metal alloys for hypersonics		10,000
Program increase - smart manufacturing for armaments		5,000
190 BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	1,507	41,014
Program increase - Block II development		21,500
Program increase - UH-60 BlackHawk main rotor blade modernization		10,507
Program increase - blade integrity		7,500
191 CHINOOK PRODUCT IMPROVEMENT PROGRAM	9,265	20,765
Program increase - reliability, availability, and maintainability improvements		5,000
Test and evaluation underexecution		-3,000
Program increase - engine enhancement		7,500
Program increase - CH-47 qualification		2,000
192 IMPROVED TURBINE ENGINE PROGRAM	201,247	189,106
Program delays		-12,141
AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND	3,014	3,014
193 DEVELOPMENT		
194 UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	25,393	25,393
195 APACHE FUTURE DEVELOPMENT	10,547	23,047
Program increase - strap-down pilotage Apache		5,000
Program increase - AH-64 modernization		7,500
AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR	54,167	54,167
196 SYSTEM		
197 INTEL CYBER DEVELOPMENT	4,345	4,345
198 ARMY OPERATIONAL SYSTEMS DEVELOPMENT	19,000	19,000

R-1	Budget Request	Final Bill
199 ELECTRONIC WARFARE DEVELOPMENT	6,389	6,389
200 ENDURING TURBINE ENGINES AND POWER SYSTEMS Program decrease	2,411	0 -2,411
201 FAMILY OF BIOMETRICS	797	797
202 PATRIOT PRODUCT IMPROVEMENT	177,197	177,197
203 JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCS) AFATDS carryover	42,177	38,957 -3,220
204 COMBAT VEHICLE IMPROVEMENT PROGRAMS Stryker carryover Program increase - Abrams modernization Program increase - Stryker driver-assistance systems	146,635	228,690 -10,445 88,300 4,200
205 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS Program delays	122,902	22,902 -100,000
207 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	146	146
208 DIGITIZATION	1,515	1,515
209 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	4,520	4,520
210 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	10,044	10,044
211 ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM DEV	281	281
212 GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) Army requested transfer to line 46 Test support for EAW early to need	75,952	45,052 -30,000 -900
213 JOINT TACTICAL GROUND SYSTEM	203	203
216 SECURITY AND INTELLIGENCE ACTIVITIES Program increase - all source data fusion platform	301	16,301 16,000
217 INFORMATION SYSTEMS SECURITY PROGRAM	15,323	15,323
218 GLOBAL COMBAT SUPPORT SYSTEM	13,082	13,082
219 SATCOM GROUND ENVIRONMENT (SPACE)	26,838	26,838
222 INTEGRATED BROADCAST SERVICE (IBS)	9,456	9,456
224 AIRBORNE RECONNAISSANCE SYSTEMS Program increase - imaging cold environments using multispectral airborne networks	0	5,000 5,000
225 MQ-1C GRAY EAGLE UAS	6,629	6,629

R-1	Budget Request	Final Bill
227 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	75,317	116,317
Program increase - 3D printing of ballistic ceramics		13,000
Program increase - advanced pressing applications for optimization of hard armor		10,000
Program increase - domestic manufacturing for energetic material		5,000
Program increase - processing of refractory alloys		5,000
Program increase - advanced manufacturing for missile, radar and ground support equipment		4,000
Program increase - advanced manufacturing cell for missile fins		4,000
228 DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT	83,570	104,048
Transfer from line 128 for BA-08 execution		5,128
Transfer from OPA line 44 for BA-08 execution		13,848
Transfer from OPA line 45 for BA-08 execution		1,502
999 CLASSIFIED PROGRAMS	8,786	8,786
999 CLASSIFIED PROGRAMS	19,200	19,200
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	15,775,381	17,115,037

(94P)

SOLDIER ENHANCEMENT PROGRAM

The agreement supports the Army's Soldier Enhancement Program (SEP) and understands the SEP provides soldiers with modernized individual equipment using a rapid acquisition approach that has resulted in proven cost savings and accelerated fielding of needed capability. Additionally, the agreement encourages the Secretary of the Army to resource the SEP across the future years defense program and notes with concern that prior year President's budget requests did not fully support SEP requirements. Further, the agreement directs the Secretary of the Army to provide a briefing to the House and Senate Defense Appropriations Subcommittees, not later than 30 days after enactment of this Act, on the plan to address SEP funding requirements in future President's budget requests.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

The agreement provides \$27,964,807,000 for Research, Development, Test and Evaluation, Navy, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert + 96A-M)

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Final Bill
1 UNIVERSITY RESEARCH INITIATIVES	96,355	106,355
Program increase - defense university research instrumentation program		10,000
2 DEFENSE RESEARCH SCIENCES	540,908	557,158
Program increase - silicon-germanium-tin alloy research		5,000
Program increase - hypersonics workforce development		5,000
Program increase - shaping metallic surfaces for thermal system management		3,250
Program increase - UUV next generation sensing and maneuverability		3,000
3 POWER PROJECTION APPLIED RESEARCH	23,982	23,982
4 FORCE PROTECTION APPLIED RESEARCH	142,148	289,748
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		12,500
Program increase - additive manufacturing of unmanned maritime systems		10,000
Program increase - autonomous collaboration in confined maritime environments		5,000
Program increase - cavitation erosion		2,500
Program increase - corrosion control coatings and material		5,000
Program increase - energy resilience		7,000
Program increase - multi-material flexible automated manufacturing		12,000
Program increase - resilient innovative sustainable economies via university partnerships		9,000
Program increase - sUAS degraded environment testing		10,250
Program increase - titanium refinement process		8,000
Program increase - alternative energy research		25,000
5 MARINE CORPS LANDING FORCE TECHNOLOGY	59,208	68,708
Program increase - unmanned logistics solutions		9,500
6 COMMON PICTURE APPLIED RESEARCH	52,090	52,090
7 WARFIGHTER SUSTAINMENT APPLIED RESEARCH	74,722	170,722
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 - conductive pigments and coatings in batteries		8,500
Program increase - anti-corrosion nanotechnology		9,000
Program increase - augmented reality robotic surgery		5,000
Program increase - engineered systems to restore skin and tactile sensory in Navy burn victims		2,500
Program increase - health and safety of underground fuel storage		10,000
Program increase - long-term autonomy for underwater surveillance and manipulation		3,000
Program increase - remote vestibular assessment technology		5,000
Program increase - warfighter protection against directed energy - physics-based neutralization to human tissues and organs		10,000
Program increase - foreign malign information operations		3,000
8 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	92,473	107,973
Program increase - advanced antenna technology		7,000
Program increase - dark swarm in denied environments		6,000
Program increase - heterogeneous photonic integrated circuit platforms		2,500

96A

R-1	Budget Request	Final Bill
9 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	80,806	134,156
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
Program increase - ocean acoustics for monitoring		4,000
Program increase - ocean-ice-atmosphere observation		2,000
Program increase - oceanographic research for Naval Special Warfare		5,000
Program increase - SAPF/SCIF university facility upgrades		10,000
10 JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	7,419	7,419
11 UNDERSEA WARFARE APPLIED RESEARCH	61,503	101,003
Program increase - persistent maritime surveillance		5,000
Program increase - distributed sensing for shipboard fire detection and localization		5,000
Program increase - mobile testbed for UUVs		2,000
Program increase - partnerships for submarine and undersea vehicle programs		20,000
Program increase - undersea sensing and communications		5,000
Program increase - autonomous underwater vehicle		2,500
12 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	182,662	182,662
13 MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	30,435	30,435
14 INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	133,828	148,828
Program increase - ATRT enterprise		15,000
SCIENCE AND TECHNOLOGY MANAGEMENT -	85,063	85,063
15 ONR FIELD ACTIVITIES		
16 FORCE PROTECTION ADVANCED TECHNOLOGY	29,512	69,512
Program increase - modular missile system technology		25,000
Program increase - power electronics building block		11,000
Program increase - deployable additive manufacturing of composite UUVs		4,000
17 ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,418	13,418
Program increase - augmented, context-based identity awareness		5,000
SCIENCE & TECHNOLOGY FOR NUCLEAR	112,329	112,329
18 RE-ENTRY SYSTEMS		
19 USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	308,217	467,517
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 - MCWL 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 - MCWL multi-int targeting pod		12,500
Program increase - long range maneuvering projectile		10,000
Program increase - adaptive future force		5,000
Program increase - HWIL for unmanned system development		8,000
Program increase - MCWL partnership intermediary assistance		2,500
Program increase - composite shelters		3,000
20 JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	15,556	15,556

96B

R-1	Budget Request	Final Bill
FUTURE NAVAL CAPABILITIES ADVANCED	264,700	292,200
21 TECHNOLOGY DEVELOPMENT		
Program increase - advanced energetics research and development		10,000
Program increase - automated acoustic signal classifier		6,000
Program increase - electronic maneuver warfare unmanned sensor		8,000
Program increase - real-time undersea monitoring for shipping channels		3,500
22 MANUFACTURING TECHNOLOGY PROGRAM	61,843	83,843
Program increase - national energetics plan		8,000
Program increase - sustainable energetic materials manufacturing		4,000
Program increase - textile industry of the future		10,000
23 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	5,100	36,600
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
Program increase - automated resuscitation catheter for hemorrhage control		1,500
Program increase - remote advanced medical care		3,000
24 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	75,898	105,398
Program increase - naval tech bridges		15,000
Program increase - USV cUAS		6,500
Program increase - warfighter experience lab		8,000
MINE AND EXPEDITIONARY WARFARE	2,048	2,048
25 ADVANCED TECHNOLOGY		
INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED	132,931	149,431
26 TECHNOLOGY DEVELOPMENT		
Program increase - advanced missile seeker		9,000
Program increase - HEL testing and maturation for production		1,500
Program increase - combined fiber laser arrays without wavefront sensing		6,000
27 UNMANNED AERIAL SYSTEM	108,225	101,947
Overestimation of ILS		-3,172
Management services previously funded		-3,040
Program increase - autonomous maritime patrol aircraft		10,000
ANE delays		-10,066
28 LARGE UNMANNED SURFACE VEHICLES (LUSV)	117,400	113,080
Prior year underexecution		-4,320
29 AIR/OCEAN TACTICAL APPLICATIONS	40,653	43,653
Program increase - autonomous dual-modality surface and underwater vehicles		3,000
30 AVIATION SURVIVABILITY	20,874	20,874
31 NAVAL CONSTRUCTION FORCES	7,821	7,821
32 ASW SYSTEMS DEVELOPMENT	17,090	17,090
33 TACTICAL AIRBORNE RECONNAISSANCE	3,721	3,721
34 ADVANCED COMBAT SYSTEMS TECHNOLOGY	6,216	25,216
Program increase - minotaur data dissemination and interoperability services		12,000
Program increase - tier 2.5 LO platform inspection system		3,000
Program increase - universal AI/ML core environment		4,000
35 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	34,690	34,690

96C

R-1	Budget Request	Final Bill
36 SURFACE SHIP TORPEDO DEFENSE	730	730
37 CARRIER SYSTEMS DEVELOPMENT Program increase - digital component certification center	6,095	10,095 4,000
38 PILOT FISH	916,208	916,208
39 RETRACT LARCH	7,545	7,545
40 RETRACT JUNIPER Classified adjustment	271,109	217,309 -53,800
41 RADIOLOGICAL CONTROL	811	811
42 SURFACE ASW	1,189	1,189
43 ADVANCED SUBMARINE SYSTEM DEVELOPMENT	88,415	88,415
44 SUBMARINE TACTICAL WARFARE SYSTEMS	15,119	15,119
45 SHIP CONCEPT ADVANCED DESIGN Program increase - critical protection technology for cybersecurity engineering Program increase - forward-deployed 3D printing materials Program increase - naval expeditionary sustainment and repair Program increase - maintenance technologies supporting operational readiness Transfer from SCN line 21 for AS(X) design	89,939	206,539 9,600 2,000 2,000 3,000 100,000
46 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES Medium landing ship DT&E ahead of need Program increase - DDG(X) design tool	121,402	162,460 -2,142 43,200
47 ADVANCED NUCLEAR POWER SYSTEMS Overestimation of SSN(X) expenditures	319,656	292,656 -27,000
48 ADVANCED SURFACE MACHINERY SYSTEMS Program increase - silicon carbide flexible bus node Program increase - tactical energy management controller Program increase - high temperature superconducting main propulsion electric motor technology Program increase - large format lithium ion batteries	133,911	161,711 11,800 5,000 5,000 6,000
49 CHALK EAGLE	116,078	116,078
50 LITTORAL COMBAT SHIP (LCS) Prior year underexecution	32,615	21,339 -11,276
51 COMBAT SYSTEM INTEGRATION	18,610	18,610
52 OHIO REPLACEMENT Program increase - advanced composite shaft design	257,076	282,076 25,000
53 LCS MISSION MODULES	31,464	31,464
54 AUTOMATED TEST AND RE-TEST (ATRT) Program increase - Overmatch	10,809	25,809 15,000
54A ATRT ENTERPRISE RAPID CAPABILITY Program increase	0	90,000 90,000

96P

R-1	Budget Request	Final Bill
55 FRIGATE DEVELOPMENT	112,972	100,060
Live fire test and evaluation early to need		-2,800
Unjustified growth		-10,112
56 CONVENTIONAL MUNITIONS	9,030	9,030
57 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	128,782	119,189
Support costs unjustified growth		-3,368
Prior year underexecution		-6,225
58 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	44,766	44,766
59 OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	10,751	10,751
60 ENVIRONMENTAL PROTECTION	24,457	24,457
61 NAVY ENERGY PROGRAM	72,214	95,214
Program increase - wave energy converters		13,000
Program increase - marine energy systems for sensors and microgrids		10,000
62 FACILITIES IMPROVEMENT	10,149	12,149
Program increase - groundwater storage analysis		2,000
63 CHALK CORAL	687,841	587,841
Classified adjustment		-100,000
64 NAVY LOGISTIC PRODUCTIVITY	4,712	4,712
65 RETRACT MAPLE	420,455	390,455
Classified adjustment		-30,000
66 LINK PLUMERIA	2,100,474	2,010,474
Classified adjustment		-90,000
67 RETRACT ELM	88,036	88,036
68 LINK EVERGREEN	547,005	516,005
Classified adjustment		-31,000
69 NATO RESEARCH AND DEVELOPMENT	6,265	6,265
70 LAND ATTACK TECHNOLOGY	1,624	1,624
71 JOINT NON-LETHAL WEAPONS TESTING	31,058	31,058
72 JOINT PRECISION APPROACH AND LANDING SYSTEMS	22,590	22,590
73 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	52,129	62,129
SNLWS support excess to need		-5,000
Program increase - 100KW directed energy production		15,000
74 F/A-18 INFRARED SEARCH AND TRACK (IRST)	32,127	32,127
75 DIGITAL WARFARE OFFICE	181,001	183,501
Program increase - Software Radio for Weapons and Autonomous Vehicle Enablement		2,500

96E

R-1	Budget Request	Final Bill
76 SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	110,506	90,516
MEDUSA prototype award delay		-14,454
Maintain MEDUSA support level of effort		-2,061
Razorback staffing delays		-1,050
Knifefish stand-down		-2,425
77 UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	71,156	71,156
Prior year carryover		-4,000
Program increase - tactical data links and networks		4,000
RAPID PROTOTYPING, EXPERIMENTATION	214,100	124,951
78 AND DEMONSTRATION		
Program increase - commercially available large diameter unmanned undersea vehicle technology		35,000
Program decrease		-124,149
79 LARGE UNMANNED UNDERSEA VEHICLES	6,900	6,900
GERALD R. FORD CLASS NUCLEAR AIRCRAFT	118,182	118,182
80 CARRIER (CVN 78 - 80)		
82 SURFACE MINE COUNTERMEASURES	16,127	16,127
TACTICAL AIR DIRECTIONAL INFRARED		
83 COUNTERMEASURES (TADIRCM)	34,684	34,684
84 NEXT GENERATION LOGISTICS	5,991	5,991
85 FUTURE VERTICAL LIFT (MARITIME STRIKE)	2,100	4,100
Program increase - advanced vertical lift rotor technology		2,000
86 RAPID TECHNOLOGY CAPABILITY PROTOTYPE	131,763	55,358
Program decrease		-76,405
87 LX (R)	21,319	21,319
88 ADVANCED UNDERSEA PROTOTYPING	104,328	69,723
Basing equipment ahead of need		-20,700
XLUUV spares maintenance ahead of need		-3,338
DT&E ahead of need		-10,567
89 COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	11,567	16,567
Program increase - backpackable EA module		5,000
90 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	5,976	145,276
Program increase - advanced rocket fuel density		2,500
Program increase - CAD/PAD technology		6,800
Program increase - SLCM-N		90,000
Program increase - common use technology maturation		40,000
SPACE AND ELECTRONIC WARFARE (SEW)	9,993	9,993
91 ARCHITECTURE/ENGINEERING SUPPORT		
OFFENSIVE ANTI-SURFACE WARFARE WEAPON	237,655	258,948
92 DEVELOPMENT		
OASuW Increment II Phase 1 previously funded		-18,707
Navy-requested transfer from WPN line 15 for LRASM C-3		40,000

96F

R-1	Budget Request	Final Bill
93 MEDIUM UNMANNED SURFACE VEHICLES (MUSVS)	85,800	149,130
MUSV prototype delays		-3,918
MUSV requirements development excess to need		-4,700
Dock and sea trials ahead of need		-7,052
Program increase		79,000
94 UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES	176,261	161,712
Overestimation of product development		-7,000
Overestimation of support and management		-7,549
95 GROUND BASED ANTI-SHIP MISSILE	36,383	35,144
IOT&E delays		-1,239
96 LONG RANGE FIRES	36,763	30,563
Test and evaluation delays		-6,200
97 CONVENTIONAL PROMPT STRIKE (CPS)	901,064	1,101,064
Transfer from WP,N line 1 for additional testing		200,000
98 ASW SYSTEMS DEVELOPMENT - MIP	10,167	10,167
99 ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	539	10,539
Program increase - mobile manned/unmanned distributed lethality airborne network		10,000
100 ELECTRONIC WARFARE DEVELOPMENT - MIP	1,250	1,250
101 TRAINING SYSTEM AIRCRAFT	44,120	44,120
102 MARITIME TARGETING CELL	30,922	50,922
Program increase - Maritime Targeting Cell-Afloat development		20,000
103 OTHER HELO DEVELOPMENT (MARINE CORPS)	101,209	54,739
Product development excess to need		-40,000
Development support excess to need		-6,470
104 OTHER HELO DEVELOPMENT (NAVY)	2,604	2,604
105 AV-8B AIRCRAFT - ENG DEV	8,263	8,263
106 STANDARDS DEVELOPMENT	4,039	4,039
107 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	62,350	72,350
Program increase - MH-60 upgrades		10,000
108 P-3 MODERNIZATION PROGRAM	771	771
109 WARFARE SUPPORT SYSTEM	109,485	137,985
Program increase - sea-based UAS logistics demonstration		15,000
Program increase		13,500
110 COMMAND AND CONTROL SYSTEMS	87,457	87,457
111 ADVANCED HAWKEYE	399,919	407,631
Overestimation of TCID		-12,288
Program increase - enhanced L-band and UHF for E-2D		20,000
112 H-1 UPGRADES	29,766	29,766
113 ACOUSTIC SEARCH SENSORS	51,531	62,031
Program increase - sonobuoy modernization for high altitude anti-submarine warfare		10,500

96G

R-1	Budget Request	Final Bill
114 V-22A Program increase - thermoplastics ice protection demonstration	137,597	147,597 10,000
115 AIR CREW SYSTEMS DEVELOPMENT	42,155	42,155
116 EA-18 Overestimation of warfare center REAM development Overestimation of contracted REAM development Block 2 development support unjustified growth	172,507	151,008 -8,066 -10,376 -3,057
117 ELECTRONIC WARFARE DEVELOPMENT DBD EMD delays	171,384	159,707 -11,677
118 EXECUTIVE HELO DEVELOPMENT	35,376	35,376
119 NEXT GENERATION JAMMER (NGJ)	40,477	40,477
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
121 NEXT GENERATION JAMMER (NGJ) INCREMENT II Test and evaluation excess to need Rephase annualized program costs due to EMD delay Rephase EMD costs due to contract delay	250,577	170,002 -6,100 -10,000 -64,475
122 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING Overestimation of prime systems engineering contract	453,311	440,898 -12,413
124 SMALL DIAMETER BOMB (SDB)	52,211	52,211
125 STANDARD MISSILE IMPROVEMENTS Navy requested realignment from WP,N line 7 for electronics unit obsolescence SM-6 Blk 1B EMD delay Unjustified request Overestimation of SM-6 Blk 1B management services Unjustified support cost growth due to prior-year realignments	418,187	358,450 12,600 -23,000 -21,500 -11,846 -15,991
126 AIRBORNE MCM	11,368	11,368
127 NAVAL INTEGRATED FIRE CONTROL - COUNTER AIR SYSTEMS ENGINEERING Program increase - stratospheric balloon research	66,445	80,445 14,000
128 ADVANCED SENSORS APPLICATION PROGRAM (ASAP) Program increase	0	10,000 10,000
129 ADVANCED ABOVE WATER SENSORS Combat system integration ahead of need	115,396	110,293 -5,103
130 SSN-688 AND TRIDENT MODERNIZATION	93,435	93,435
131 AIR CONTROL	42,656	42,656
132 SHIPBOARD AVIATION SYSTEMS	10,442	10,442
133 COMBAT INFORMATION CENTER CONVERSION	11,359	11,359
134 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	90,307	90,307
135 ADVANCED ARRESTING GEAR (AAG)	10,658	10,658

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R-1	Budget Request	Final Bill
136 NEW DESIGN SSN Program increase - precision maneuvering unit	234,356	241,356 7,000
137 SUBMARINE TACTICAL WARFARE SYSTEM	71,516	71,516
138 SHIP CONTRACT DESIGN/ LIVE FIRE T&E	22,462	22,462
139 NAVY TACTICAL COMPUTER RESOURCES	4,279	4,279
140 MINE DEVELOPMENT	104,731	104,731
141 LIGHTWEIGHT TORPEDO DEVELOPMENT Project 3418 testing ahead of need Mod 2 phase II program delay Software Development - platform integration delay	229,668	196,294 -8,500 -15,559 -9,315
142 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	9,064	9,064
143 USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS OPF-M termination Marine Corps-requested transfer to line 155 for MCRISS II	62,329	34,337 -20,181 -7,811
144 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	9,319	9,319
145 JOINT STANDOFF WEAPON SYSTEMS	1,964	1,964
146 SHIP SELF DEFENSE (DETECT & CONTROL)	158,426	158,426
147 SHIP SELF DEFENSE (ENGAGE: HARD KILL)	47,492	47,492
148 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	125,206	125,206
149 INTELLIGENCE ENGINEERING	19,969	19,969
150 MEDICAL DEVELOPMENT Program increase - military dental research	6,061	18,061 12,000
151 NAVIGATION/ID SYSTEM Program increase - encrypted IFF for mode 5 deconfliction	45,262	53,262 8,000
154 SSN(X) Shipbuilder studies unjustified growth NSWC studies unjustified growth Management and support costs unjustified growth	361,582	321,828 -18,000 -13,804 -7,950
155 INFORMATION TECHNOLOGY DEVELOPMENT Marine Corps-requested transfer from line 143 for MCRISS II	22,663	30,474 7,811
156 INFORMATION TECHNOLOGY DEVELOPMENT Program increase - cyber digital twin development Program increase - actionable analytics and services for reliable maintenance Program increase - cyber supply chain risk management	282,138	298,638 5,000 5,000 6,500
157 ANTI-TAMPER TECHNOLOGY SUPPORT	8,340	8,340
158 TACAMO MODERNIZATION Overestimation of support	213,743	207,331 -6,412
159 CH-53K RDTE Expenditures below plan SDD actuals below plan	222,288	186,269 -24,499 -11,520

96II

R-1	Budget Request	Final Bill
160 MISSION PLANNING	86,448	86,448
161 COMMON AVIONICS	81,076	81,076
162 SHIP TO SHORE CONNECTOR (SSC)	1,343	1,343
163 T-AO 205 CLASS	71	71
164 UNMANNED CARRIER AVIATION (UCA)	220,404	264,853
Test and evaluation excess to need due to EDM delivery delays		-20,403
Prior year carryover		-25,000
Transfer from AP,N line 21 for two SDTA aircraft due to milestone C delays		89,852
165 JOINT AIR-TO-GROUND MISSILE (JAGM)	384	384
166 MULTI-MISSION MARITIME AIRCRAFT (MMA)	36,027	36,027
167 MULTI-MISSION MARITIME (MMA) INCREMENT III	132,449	132,449
MARINE CORPS ASSAULT VEHICLES SYSTEM	103,236	90,898
168 DEVELOPMENT & DEMONSTRATION		
ACV-R Phase II contract delay		-13,055
ACV-R test support ahead of need		-1,283
Program increase - advanced brake technology		2,000
JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM	2,609	2,609
169 DEVELOPMENT & DEMONSTRATION		
170 DDG-1000	231,778	223,444
Prior year underexecution		-8,334
171 COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW)	17,531	17,531
172 ISR & INFO OPERATIONS	174,271	171,204
Prior year underexecution		-3,067
173 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	2,068	2,068
174 THREAT SIMULATOR DEVELOPMENT	22,918	22,918
175 TARGET SYSTEMS DEVELOPMENT	18,623	18,623
176 MAJOR T&E INVESTMENT	74,221	90,721
Program increase - data security improvements		16,500
177 STUDIES AND ANALYSIS SUPPORT - NAVY	3,229	3,229
178 CENTER FOR NAVAL ANALYSES	45,672	45,672
180 TECHNICAL INFORMATION SERVICES	1,000	1,000
181 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	124,328	144,328
Program increase - naval research laboratory facilities SRM		20,000
182 STRATEGIC TECHNICAL SUPPORT	4,053	4,053
183 RDT&E SHIP AND AIRCRAFT SUPPORT	203,447	203,447
184 TEST AND EVALUATION SUPPORT	481,975	492,975
Program increase - tactical edge networking payloads		10,000
Program increase - future workforce innovation		1,000

96J

R-1	Budget Request	Final Bill
185 OPERATIONAL TEST AND EVALUATION CAPABILITY	29,399	29,399
186 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	27,504	27,504
187 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	9,183	9,183
188 MARINE CORPS PROGRAM WIDE SUPPORT	34,976	34,976
189 MANAGEMENT HQ - R&D	41,331	41,331
190 WARFARE INNOVATION MANAGEMENT	37,340	37,340
191 INSIDER THREAT	2,246	2,246
MANAGEMENT HEADQUARTERS (DEPARTMENTAL	2,168	2,168
192 SUPPORT ACTIVITIES)		
196 F-35 C2D2	544,625	509,122
Prior year carryover for blk 4, test and evaluation		-35,503
197 F-35 C2D2	543,834	512,266
Prior year carryover for blk 4, test and evaluation		-31,568
198 MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS	99,860	99,209
Prior year underexecution		-1,360
Blk 2 integration ahead of need		-4,134
Blk 2 testing ahead of need		-3,550
Blk 2 ILS ahead of need		-2,007
Program increase - MADIS radar		5,000
Program increase - medium range intercept capability		3,800
Program increase		1,600
199 COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	153,440	140,331
Antenna development unjustified growth		-13,109
200 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	321,648	336,648
Program increase - next generation strategic inertial measurement unit		10,000
Program increase - multimodal biometric authentication		5,000
201 SSBN SECURITY TECHNOLOGY PROGRAM	62,694	62,694
202 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	92,869	97,869
Program increase - integration of four-tube launch system		5,000
203 NAVY STRATEGIC COMMUNICATIONS	51,919	51,919
204 F/A-18 SQUADRONS	333,783	296,323
Next generation naval mission planning system insufficient justification		-10,000
Program increase - advanced digital video map computer		10,000
Program increase - noise reduction technology		4,000
Overestimation of DVMC-U		-9,817
Support costs excess to need		-20,000
ADVEW carryover		-11,643
205 SURFACE SUPPORT	8,619	10,119
Program increase - composite improvements for MK41 VLS		1,500
TOMAHAWK AND TOMAHAWK MISSION		
206 PLANNING CENTER (TMPC)	122,834	122,834

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R-1	Budget Request	Final Bill
207 INTEGRATED SURVEILLANCE SYSTEM Program increase - deployable surveillance systems	76,279	80,279 4,000
208 SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	1,103	1,103
209 AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT)	1,991	1,991
210 GROUND/AIR TASK ORIENTED RADAR (G/ATOR) GB1 BOA task order delays	92,674	84,074 -8,600
211 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	115,894	115,894
212 ELECTRONIC WARFARE (EW) READINESS SUPPORT	61,677	61,677
213 ANTI-RADIATION MISSILE IMPROVEMENT Program increase - solid fuel ramjet demonstration	59,555	84,555 25,000
214 SURFACE ASW COMBAT SYSTEM INTEGRATION	29,973	29,973
215 MK-48 ADCAP Program increase - MK-48 torpedo test equipment Overestimation of NUWC APB 6 software Reduce planned product development carryover	213,165	208,601 10,200 -5,764 -9,000
216 AVIATION IMPROVEMENTS	143,277	143,277
217 OPERATIONAL NUCLEAR POWER SYSTEMS	152,546	152,546
218 MARINE CORPS COMMUNICATIONS SYSTEMS Prior year underexecution Transfer from PMC Line 21 for small form factor acceleration	192,625	178,989 -16,636 3,000
219 COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	12,565	12,565
220 MARINE CORPS GROUND COMBAT/ SUPPORTING ARMS SYSTEMS Program increase - advanced batteries for cargo drones	83,900	93,700 9,800
221 MARINE CORPS COMBAT SERVICES SUPPORT Program increase - platform independent portable self-contained sensor system	27,794	30,194 2,400
222 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	47,762	47,762
223 AMPHIBIOUS ASSAULT VEHICLE	373	373
224 TACTICAL AIM MISSILES	36,439	36,439
225 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	29,198	29,198
226 PLANNING AND DECISION AID SYSTEM (PDAS)	3,565	3,565
230 AFLOAT NETWORKS	49,995	49,995
231 INFORMATION SYSTEMS SECURITY PROGRAM	33,390	33,390
232 MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	7,304	7,304
233 TACTICAL UNMANNED AERIAL VEHICLES	11,235	11,235

96L

R-1	Budget Request	Final Bill
234 UAS INTEGRATION AND INTEROPERABILITY	16,409	16,409
235 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS Program increase - Marine Corps geospatial enterprise cloud capability modernization	51,192	59,792 8,600
236 MQ-4C TRITON	12,094	12,094
237 MQ-8 UAV Program increase - passive ELINT targeting capability	29,700	39,700 10,000
238 RQ-11 UAV	2,107	2,107
239 SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	2,999	2,999
240 MULTI-INTELLIGENCE SENSOR DEVELOPMENT	49,460	49,460
241 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	13,005	13,005
242 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,000	2,000
243 RQ-4 MODERNIZATION Classified adjustment IFC 4.4 ahead of need	300,378	217,978 -41,100 -41,300
244 INTELLIGENCE MISSION DATA (IMD)	788	788
245 MODELING AND SIMULATION SUPPORT	10,994	10,994
246 DEPOT MAINTENANCE (NON-IF) Program increase - joint enterprise data interoperability for F-35 depots	23,248	28,248 5,000
247 MARITIME TECHNOLOGY (MARITECH)	3,284	3,284
999 CLASSIFIED PROGRAMS Classified adjustment	2,021,376	2,407,376 386,000
RISK MANAGEMENT INFORMATION - 249 SOFTWARE PILOT PROGRAM	11,748	11,748
MARITIME TACTICAL COMMAND AND CONTROL (MTC2) - 250 SOFTWARE PILOT PROGRAM	10,555	10,555
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY	26,922,225	27,964,807

96M

OPEN AUTONOMOUS UNDERWATER VEHICLE SOFTWARE ARCHITECTURE

The agreement directs the Secretary of the Navy to assess the feasibility and advisability of: (1) establishing one or more government-reference open-system architecture standards, such as the OpenAUV and PCX architectures, and/or commercial open-system architecture standards as the Navy standard or standards for Unmanned Underwater Vehicles (UUVs) and Unmanned Surface Vessels (USVs); (2) accelerating such standard or standards on Razorback and Snakehead UUVs; (3) maximizing full-and-open competition on UUV and USV solicitations with such standard or standards prescribed; and (4) requiring USV and UUV program managers to review Navy's OpenAUV lessons learned, incorporate best practices, and engage in technical exchanges with the performers. The Secretary is directed to submit this assessment to the congressional defense committees not later than 120 days after the enactment of this Act.

AUTOMATED TEST AND RE-TEST

The agreement provides \$120,000,000 to accelerate implementation of the Navy's Automated Test and Re-Test (ATRT) Commercialization Plan submitted in October 2022. This activity shall support all Navy Program Executive Offices, System Commands, and Warfare Centers including Navy rapid capability offices. Funding provided under the newly created ATRT Enterprise Rapid Capability line shall be executed by Program Executive Office Integrated Warfare Support to perfect and scale virtualized systems of systems, automated test and analysis, automated certification, rapid integration, deployment of integrated warfare systems with edge analytics, and data collection as described in Navy's ATRT Commercialization Plan. The Secretary of the Navy is directed to submit to the House and Senate Defense Appropriations Subcommittees, not later than 60 days after the enactment of this Act, a detailed plan for implementation and resourcing of this capability consistent with the ATRT Commercialization Plan and in adherence to Small Business Innovation Research program regulations and requirements.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

The agreement provides \$47,340,416,000 for Research, Development, Test and Evaluation, Air Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 98A-0

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Final Bill
1 DEFENSE RESEARCH SCIENCES	401,486	381,386
Transfer to RDT&E,SF line 1 for space unique S&T		-20,100
2 UNIVERSITY RESEARCH INITIATIVES	182,372	185,472
Transfer to RDT&E,SF line 2 for space unique S&T		-14,400
Program increase - intelligent 2D sensors		5,000
Program increase - behavioral health interventions		7,500
Program increase - health and science multidomain operations		5,000
3 FUTURE AF CAPABILITIES APPLIED RESEARCH	90,713	83,440
Transfer to RDT&E,SF line 4 - space unique S&T		-7,273
UNIVERSITY AFFILIATED RESEARCH CENTER (UARC) -		
4 TACTICAL AUTONOMY	8,018	8,018
5 MATERIALS	142,325	264,625
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
Program increase - advanced composites in hypersonics research		5,000
Program increase - biomaterials for ground infrastructure reinforcement		5,000
Program increase - brain health biomarker and sensor technology		5,000
Program increase - composites for electromagnetic interference shielding		4,000
Program increase - continuous composite 3D printing for topologically optimized structures		3,000
Program increase - continuous fiber 3D printing for hypersonic applications		10,000
Program increase - high energy synchrotron x-ray research		9,000
Program increase - infrared meta-material coatings		2,500
Program increase - manufactured radio frequency photonic devices and systems for airborne platforms		4,000
Program increase - minority leaders research collaboration program		9,000
Program increase - multi-functional protective materials		10,000
Program increase - scanning and additive manufacturing		1,500
Program increase - thermal protection for hypersonic vehicles		7,000
6 AEROSPACE VEHICLE TECHNOLOGIES	161,268	198,768
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
Program increase - aerospace engineering systems security integration		5,000
7 HUMAN EFFECTIVENESS APPLIED RESEARCH	146,921	150,921
Program increase - critical care air transport teams		3,000
Program increase - project refuel		1,000

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R-1	Budget Request	Final Bill
8 AEROSPACE PROPULSION	184,867	246,867
Program increase - rotary machines with advanced magnetic materials		10,000
Program increase - highly electrified aircraft		5,000
Program increase - battery additives		5,000
Program increase - advanced aerospace fuels for hypersonic propulsion		7,500
Program increase - compact scramjet testing		7,000
Program increase - emergency power and cooling thermal management growth		10,000
Program increase - high voltage aircraft power		2,000
Program increase - improving reliability of electrical systems for future aircraft		3,000
Program increase - low-cost small turbine engine		12,500
9 AEROSPACE SENSORS	216,269	248,269
Program increase - quantum optoelectronic materials and devices		6,000
Program increase - hardware and embedded systems security, assurance, and trust		9,000
Program increase - zero-trust environment for semiconductor technology		2,000
Program increase - cyber kinetic combat environment		15,000
SCIENCE AND TECHNOLOGY MANAGEMENT - MAJOR		
11 HEADQUARTERS ACTIVITIES	10,303	10,303
12 CONVENTIONAL MUNITIONS	160,599	160,599
Excess growth		-10,000
Program increase - convergence technology research		10,000
13 DIRECTED ENERGY TECHNOLOGY	129,961	118,452
Excess to need		-11,509
14 DOMINANT INFORMATION SCIENCES AND METHODS	182,076	352,576
Program increase - photonic chips for quantum computing		10,000
Program increase - heterogeneously integrated photonics and electronic technologies		10,000
Program increase - quantum entanglement distribution		10,000
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
Program increase - internet of things living ecosystem		2,500
Program increase - C-UAS high speed imaging technology		2,000
Program increase - multi-domain RF spectrum environment		10,000
Program increase - photonic quantum computing		4,000
Program increase - quantum network testbed		10,000
Program increase - UAS traffic management advanced air mobility enhancements		10,000
Program increase - university-based quantum materials applied research		20,000
15 FUTURE AF INTEGRATED TECHNOLOGY DEMOS	255,855	175,706
Unjustified growth		-43,276
Program increase - automated geospatial intelligence algorithms		9,000
Program increase - mobile autonomous robotic swarms		2,500
Transfer to RDT&E,SF line 6 for space unique S&T		-48,373

98B

R-1	Budget Request	Final Bill
16 ADVANCED MATERIALS FOR WEAPON SYSTEMS	30,372	61,839
Transfer to RDT&E,SF line 6 for space unique S&T		-3,033
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
Program increase - metals affordability initiative		2,500
Program increase - certification for advanced materials		18,000
17 SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	10,478	10,478
18 ADVANCED AEROSPACE SENSORS	48,046	45,846
Surface targets sense-making excess to need		-5,000
Multi-Spectrum Sensing Demonstration excess to need		-2,200
Program increase - airborne early warning pod digital radar technology		5,000
19 AEROSPACE TECHNOLOGY DEV/DEMO	51,896	138,758
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 - reentry systems test bed		5,000
Program increase - digital engineering test bed		10,000
Program increase - hybrid electric propulsion		30,000
Program increase - autonomous air to air refueling		2,000
Program increase - bonded unitized composites large scale structural demonstration		10,000
Program increase - long duration, broad-area, multi-sensor capability		28,132
Program increase - low-profile laser beam director for high speed aircraft		2,000
20 AEROSPACE PROPULSION AND POWER TECHNOLOGY	56,789	97,989
Program increase - infrastructure upgrade for hypersonic booster tests		6,200
Program increase - altitude chamber infrastructure upgrades		18,000
Program increase - hybrid rocket engine development		5,000
Program increase - HTPEM hydrogen fuel cells		2,000
Program increase - liquid engine for hypersonic testing initiatives		5,000
Program increase - silicon carbide research		5,000
21 ELECTRONIC COMBAT TECHNOLOGY	32,510	32,510
22 SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS	70,321	70,321
23 MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	2	2
HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT		
24 DEVELOPMENT	15,593	29,781
Transfer to RDT&E,SF line 6 for space unique S&T		-812
Program increase - tactical personal area network		5,000
Program increase - airborne augmented reality for increased pilot training production		10,000
25 CONVENTIONAL WEAPONS TECHNOLOGY	132,311	132,311
26 ADVANCED WEAPONS TECHNOLOGY	102,997	103,997
Program increase - LIDAR CUAS automated target recognition		5,000
Unjustified growth		-4,000

	Budget Request	Final Bill
27 MANUFACTURING TECHNOLOGY PROGRAM	44,422	187,967
Transfer to RDT&E,SF line 6 for space unique S&T		-1,955
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 - 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
Program increase - alloy additive manufacturing		3,000
Program increase - additive manufactured lightweight UAV skins		3,000
Program increase - AI robotic manufacturing		5,000
Program increase - composites for advanced air mobility		7,000
Program increase - expansion of thermoplastic composites and alternatives to critical minerals		7,500
Program increase - glass packaging solutions for miniaturization		2,000
Program increase - hypersonics development to accelerate production readiness		2,000
Program increase - MRO advanced process technology development		5,000
Program increase - needled thermoplastic composite textiles for low-cost, complex aerostructures		5,000
28 BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION	37,779	63,279
Program increase - antenna form factor development for assured communications and networks		20,000
Program increase - B-52 agile pod capability		2,000
Program increase - nationwide integration of time resiliency for operations		1,000
Program increase - programmable computing fabric networks		2,500
29 CONTROL AND REPORTING CENTER (CRC)	2,005	0
Unjustified request		-2,005
30 MODULAR ADVANCED MISSILE	105,238	0
Program decrease		-105,238
31 INTELLIGENCE ADVANCED DEVELOPMENT	6,237	6,237
32 COMBAT IDENTIFICATION TECHNOLOGY	21,298	15,922
Air target identification unjustified growth		-5,376
33 NATO RESEARCH AND DEVELOPMENT	2,208	2,208
34 INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL	45,319	54,914
Long range planning unjustified growth		-405
Program increase - advanced ballistic aeroshells		3,000
Program increase - AFGSC modernization and enhancement of mission capabilities		7,000
35 NC3 ADVANCED CONCEPTS	10,011	5,311
NC3 underexecution		-4,700

R-1	Budget Request	Final Bill
37 ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	500,575	468,497
Architecture Design and Evaluation excess to need		-7,078
CBC2 ahead of need		-15,000
AEN ahead of need		-10,000
38 ADVANCED ENGINE DEVELOPMENT	595,352	280,000
Program increase - engine technologies		280,000
Transfer to line 38a for NGAP		-595,352
38a NEXT GENERATION ADAPTIVE PROPULSION	0	595,352
Transfer from line 38 for NGAP		595,352
39 NC3 COMMERCIAL DEVELOPMENT & PROTOTYPING	78,799	68,799
Prototype Terminals carryover		-10,000
40 DEPT OF THE AIR FORCE TECH ARCHITECTURE	2,620	0
Air Force requested transfer to line 57		-2,620
41 E-7	681,039	881,039
Program increase - E-7		200,000
42 AFWERX PRIME	83,336	100,336
PMA ahead of need		-3,000
Program increase - Agility Prime		20,000
43 LONG RANGE STRIKE - BOMBER	2,984,143	2,984,143
44 RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	154,300	64,827
Program decrease		-89,473
45 DIRECTED ENERGY PROTOTYPING	1,246	1,246
46 HYPERSONICS PROTOTYPING	150,340	35,000
Excess to plan		-115,340
HYPERSONICS PROTOTYPING - HYPERSONIC ATTACK CRUISE		
47 MISSILE (HACM)	381,528	342,728
Unjustified request		-41,800
Program increase - accelerate air-breathing hypersonic manufacturing AUR maturation		3,000
48 PNT RESILIENCY, MODS, AND IMPROVEMENTS	18,041	18,041
49 ADVANCED TECHNOLOGY AND SENSORS	27,650	22,616
Imaging and targeting support unjustified growth		-5,034
50 SURVIVABLE AIRBORNE OPERATIONS CENTER (SAOC)	888,829	744,253
Test and evaluation excess to need		-12,657
Management services overestimation		-15,919
Excess test aircraft		-116,000
51 TECHNOLOGY TRANSFER	26,638	37,138
Program increase - innovative solutions to enhance warfighter readiness		2,000
Program increase - laboratory technology transfer		4,000
Program increase - partnership intermediary program		2,500
Program increase - autonomous reduced-emissions supply delivery UAS		2,000

R-1	Budget Request	Final Bill
HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM		
52 (HDBTDS) PROGRAM	19,266	19,266
53 CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	37,121	37,121
55 JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS)	37,026	37,026
56 DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	31,833	23,862
Unjustified request		-7,971
57 TECH TRANSITION PROGRAM	210,806	239,026
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
Blended Wing Body excess to need		-8,000
58 OPERATIONAL ENERGY AND INSTALLATION RESILIENCE	46,305	24,100
Program decrease - energy and climate resilience		-21,805
PMA costs excess to need		-400
59 AIR REFUELING CAPABILITY MODERNIZATION	19,400	15,400
Unjustified support cost growth		-4,000
59a NEXT GENERATION AIR-REFUELING SYSTEM	0	7,928
Air Force requested transfer from line 92		7,928
61 NEXT GENERATION AIR DOMINANCE	2,326,128	2,326,128
62 AUTONOMOUS COLLABORATIVE PLATFORMS	118,826	113,513
Air Force requested transfer to line 112 - VENOM test support		-17,813
Program increase - semiautonomous collaborative platforms		12,500
63 COMBAT IDENTIFICATION	1,902	1,902
64 THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	19,763	14,393
Funding ahead of need		-5,370
65 AIRBASE AIR DEFENSE SYSTEMS (ABADS)	78,867	69,302
Prototype development previously funded		-9,565
66 WAR RESERVE MATERIEL - AMMUNITION	8,175	8,175
68 COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	25,157	25,157
69 MISSION PARTNER ENVIRONMENTS	17,727	17,727
72 RAPID SUSTAINMENT MODERNIZATION (RSM)	43,431	78,431
Program increase - agile manufacturing robot		9,000
Program increase - additive manufacturing digital technology maturation		3,000
Program increase - 3D interactive instructions		3,000
Program increase - digital part transformation to support operational readiness		20,000
73 INTEGRATED PRIMARY PREVENTION	9,364	9,364

R-1	Budget Request	Final Bill
74 CONTRACTING INFORMATION TECHNOLOGY SYSTEM Excess growth	28,294	23,710 -4,584
U.S. SPACE COMMAND RESEARCH AND DEVELOPMENT		
75 SUPPORT Underexecution	14,892	8,892 -6,000
76 FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	9,757	9,757
77 PNT RESILIENCY, MODS, AND IMPROVEMENTS R-EGI FFRDC support unjustified growth	163,156	161,156 -2,000
78 NUCLEAR WEAPONS SUPPORT	45,884	45,884
79 ELECTRONIC WARFARE DEVELOPMENT Program increase - AI and machine learning enabled electronic warfare systems	13,804	23,804 10,000
80 TACTICAL DATA NETWORKS ENTERPRISE Air Force requested transfer from line 139 for SPoC radio Program increase - software programmable open mission systems compliant radios	74,023	85,523 5,000 6,500
81 PHYSICAL SECURITY EQUIPMENT	10,605	10,605
82 ARMAMENT/ORDNANCE DEVELOPMENT Growth exceeds inflation rate	5,918	5,202 -716
83 SUBMUNITIONS	3,345	3,345
84 AGILE COMBAT SUPPORT Program increase - PFAS destruction technology Program increase - arctic campaigning Program increase - arctic capable prepositioned shelter Program increase - automated heavy machinery	21,967	56,467 15,000 4,000 5,500 10,000
85 LIFE SUPPORT SYSTEMS	39,301	39,301
86 COMBAT TRAINING RANGES Program increase - joint pacific Alaska range complex	152,569	158,569 6,000
87 LONG RANGE STANDOFF WEAPON Air Force requested transfer to OM,AF line 11R Weapons Development carryover	911,406	882,633 -20,000 -8,773
88 ICBM FUZE MODERNIZATION	71,732	71,732
89 JOINT TACTICAL NETWORK CENTER (JTNC)	2,256	2,256
90 JOINT TACTICAL NETWORK (JTN)	452	452
91 OPEN ARCHITECTURE MANAGEMENT	36,582	36,582
92 NEXT GENERATION AIR-REFUELING SYSTEM Air Force requested transfer to line 59a	7,928	0 -7,928

R-1	Budget Request	Final Bill
93 ADVANCED PILOT TRAINING	77,252	74,980
EMD carryover		-2,272
94 HH-60W	48,268	40,976
Support costs excess to need		-892
Capability Upgrades early to need		-6,400
95 GROUND BASED STRATEGIC DETERRENT EMD	3,746,935	4,478,585
Transfer from MP,AF line 3		539,300
Air Force Requested transfer to AP,AF line 61 for SLP-A capability		-7,650
Program increase - GBSD construction and prototyping acceleration		100,000
Program increase - GBSD industrial base support		100,000
96 F-15 EPAWSS	13,982	13,982
97 ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY	56,225	56,225
98 STAND IN ATTACK WEAPON	298,585	228,091
Aircraft integration delays		-13,234
SiAW Development carryover		-57,260
99 FULL COMBAT MISSION TRAINING	7,597	7,597
100 MEDICAL C-CBRNE PROGRAMS	2,006	2,006
102 ENDURANCE UNMANNED AERIAL VEHICLES	30,000	30,000
103 KC-46A TANKER SQUADRONS	124,662	86,864
TOLD execution delays		-3,214
KC-46 test funding requested ahead of need		-7,384
LTTAMS carryover		-10,000
BTAR carryover		-3,400
Trainer development funding requested ahead of need		-13,800
104 VC-25B	490,701	133,001
Funding ahead of need		-357,700
105 AUTOMATED TEST SYSTEMS	12,911	12,911
106 TRAINING DEVELOPMENTS	1,922	1,248
Management services programming error		-674
106a OVER-THE-HORIZON BACKSCATTER RADAR	0	489,855
Air Force requested transfer from line 158		424,855
Program increase - ARCHER		10,000
Program increase - over the horizon radar capability acceleration		55,000
107 THREAT SIMULATOR DEVELOPMENT	16,626	16,626
108 MAJOR T&E INVESTMENT	31,143	31,143
109 RAND PROJECT AIR FORCE	38,398	32,176
Unjustified growth		-6,222
110 SMALL BUSINESS INNOVATION RESEARCH	1,466	0
Programming error		-1,466

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R-1	Budget Request	Final Bill
111 INITIAL OPERATIONAL TEST & EVALUATION	13,736	13,736
112 TEST AND EVALUATION SUPPORT	913,213	946,026
Air Force requested transfer from line 62 for VENOM test support		17,813
Air Force requested realignment for Civ Pay		15,000
113 ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	317,901	317,901
114 ACQ WORKFORCE- GLOBAL REACH	541,677	541,677
115 ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	551,213	536,513
Air Force requested realignment for Civ Pay		-14,700
117 ACQ WORKFORCE- CAPABILITY INTEGRATION	243,780	273,780
Air Force requested realignment for Civ Pay		30,000
118 ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	109,030	77,030
Air Force requested realignment for Civ Pay		-32,000
119 ACQ WORKFORCE- NUCLEAR SYSTEMS	336,788	336,788
120 MANAGEMENT HQ - R&D	5,005	6,705
Air Force requested realignment for Civ Pay		1,700
FACILITIES RESTORATION AND MODERNIZATION - TEST AND		
121 EVALUATION SUPPORT	87,889	116,389
Program increase - infrastructure improvements		28,500
122 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT	35,065	35,065
123 REQUIREMENTS ANALYSIS AND MATURATION	89,956	111,456
Program increase - enterprise digital transformation with commercial physics simulation		9,000
Program increase - Global Strike Command technology transition and innovation		12,500
124 MANAGEMENT HQ - T&E	7,453	7,453
COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS		
126 (C4) - STRATCOM	20,871	45,871
Program increase - NC3 REACH		10,000
Program increase - NC3 network sensor demonstration		15,000
127 ENTERPRISE INFORMATION SERVICES (EIS)	100,357	100,357
128 ACQUISITION AND MANAGEMENT SUPPORT	20,478	59,478
Program increase - academic cybersecurity center support		10,500
Program increase - document generation platform		11,500
Program increase - digital-first ecosystem		9,000
Program increase - file rights management		3,000
Program increase - airworthiness of safety-critical embedded software		5,000
128a DIGITAL TRANSFORMATION OFFICE	0	25,700
Program increase - digital engineering enabled workforce development		7,000
Program increase - digital transformation hub		6,000
Program increase - digital transformation office		9,700
Program increase - digital transformation digital technology maturation and adoption		3,000

R-1	Budget Request	Final Bill
129 GENERAL SKILL TRAINING Historic underexecution	796	0 -796
132 INTERNATIONAL ACTIVITIES	3,917	3,917
134 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING ARP previously funded	41,464	26,564 -14,900
135 BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT	40,000	40,000
136 WIDE AREA SURVEILLANCE	8,018	8,018
137 AGILE COMBAT SUPPORT	5,645	5,645
139 F-35 C2D2 Support costs excess to need Air Force requested transfer to line 80 for SPoC radio	1,275,268	1,268,275 -1,993 -5,000
140 AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	40,203	40,203
141 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	49,613	49,613
142 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	93,881	93,881
143 HC/MC-130 RECAP RDT&E Communications Modernization Phase II early to need	36,536	33,436 -3,100
144 NC3 INTEGRATION	22,910	22,910
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 Program increase - innovative projects for B-52 modernization	950,815	976,193 -9,548 -9,061 -2,030 14,017 10,000 22,000
146 AIR-LAUNCHED CRUISE MISSILE (ALCM)	290	290
147 B-1B SQUADRONS	12,619	12,619
148 B-2 SQUADRONS MDU-R execution delays	87,623	76,423 -11,200
149 MINUTEMAN SQUADRONS Program increase - multi-domain command and control Program increase - software modernization for air logistics	33,237	43,237 5,000 5,000
150 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	24,653	24,653
151 SERVICE SUPPORT TO STRATCOM - GLOBAL STRIKE	7,562	7,562
153 ICBM REENTRY VEHICLES	475,415	475,415
155 MH-139A	25,737	25,737

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R-1	Budget Request	Final Bill
REGION/SECTOR OPERATION CONTROL CENTER		
156 MODERNIZATION PROGRAM	831	831
157 NORTH WARNING SYSTEM (NWS)	102	0
Programming error		-102
158 OVER-THE-HORIZON BACKSCATTER RADAR	428,754	0
Air Force requested transfer to line 106a		-424,855
OTHR MITRE excess to need		-3,899
159 VEHICLES AND SUPPORT EQUIPMENT - GENERAL	15,498	10,498
Excess to need		-5,000
160 MQ-9 UAV	81,123	81,123
161 JOINT COUNTER RCIED ELECTRONIC WARFARE	2,303	2,303
162 MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT	7,312	14,312
Program increase - cognitive electronic warfare machine learning		7,000
164 F-16 SQUADRONS	98,633	111,753
Program increase - data bus cybersecurity		10,000
STP excess to need		-100
AIFF Mode 5 excess to need		-100
AESA radar excess to need		-100
IVEWS excess to need		-100
MIDS-JTRS excess to need		-100
M-Code carryover		-1,380
Program increase - lithium battery replacement for F-16 hydrazine emergency power units		5,000
165 F-15E SQUADRONS	50,965	41,815
GPS M-Code ahead of need		-18,550
Program increase - electrical testing equipment		9,400
166 MANNED DESTRUCTIVE SUPPRESSION	16,543	13,322
Cost savings		-3,221
167 F-22A SQUADRONS	725,889	715,984
Program increase - cybersecurity of serial data bus		15,000
Sensor Enhancements DT/OT early to need		-12,225
IRDS excess to need		-7,180
Crypto Modernization HW development early to need		-5,500
168 F-35 SQUADRONS	97,231	90,749
QRIP contract award delay		-6,482
169 F-15EX	100,006	104,506
Program increase - aluminum microtube heat exchangers		4,500
170 TACTICAL AIM MISSILES	41,958	41,958
171 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	53,679	53,679
172 COMBAT RESCUE - PARARESCUE	726	726
173 E-11A	64,888	64,888

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R-1	Budget Request	Final Bill
174 AF TENCAP	25,749	25,749
175 PRECISION ATTACK SYSTEMS PROCUREMENT	11,872	11,872
176 COMPASS CALL Test and evaluation underexecution	66,932	64,932 -2,000
177 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM Program increase - additive manufacturing for aircraft sustainment	55,223	60,223 5,000
178 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	132,937	132,937
179 SMALL DIAMETER BOMB (SDB) Program increase - precise navigation	37,518	40,518 3,000
180 AIR & SPACE OPERATIONS CENTER (AOC)	72,059	72,059
181 CONTROL AND REPORTING CENTER (CRC)	17,498	17,498
183 AFSPECWAR - TACP	2,106	2,106
185 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	72,010	72,010
186 THEATER BATTLE MANAGEMENT (TBM) C4I	6,467	6,467
ELECTRONIC WARFARE INTEGRATED REPROGRAMMING		
187 (EWIR)	10,388	10,388
188 TACTICAL AIR CONTROL PARTY-MOD Program increase - man-portable tactical laser communications	10,060	25,060 15,000
189 DCAPEs Increment 2B delays	8,233	6,941 -1,292
190 AIR FORCE CALIBRATION PROGRAMS	2,172	2,172
192 NATIONAL TECHNICAL NUCLEAR FORENSICS	2,049	2,049
193 SEEK EAGLE	33,478	33,478
195 WARGAMING AND SIMULATION CENTERS	11,894	11,894
197 DISTRIBUTED TRAINING AND EXERCISES	3,811	3,811
198 MISSION PLANNING SYSTEMS Excess to need	96,272	86,286 -9,986
199 TACTICAL DECEPTION Program increase - radar modeling	26,533	36,533 10,000
201 DISTRIBUTED CYBER WARFARE OPERATIONS Access/Infrastructure unjustified growth	50,122	41,622 -8,500
202 AF DEFENSIVE CYBERSPACE OPERATIONS IDCDS Development unjustified request	113,064	63,864 -49,200
208 INTEL DATA APPLICATIONS	967	967

(98L)

R-1	Budget Request	Final Bill
209 GEOBASE	1,514	1,514
211 CYBER SECURITY INTELLIGENCE SUPPORT	8,476	8,476
AF MULTI-DOMAIN NON-TRADITIONAL ISR BATTLESPACE		
218 AWARENESS	2,890	2,890
219 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	39,868	42,368
SIL ahead of need		-5,000
Program increase - next generation satellite communication capabilities		7,500
220 EIT CONNECT	32,900	8,225
Enterprise IT Diverse Data-Routing Network unjustified request		-24,675
221 CYBERSPACE OPERATIONS SYSTEMS	4,881	4,881
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS		
222 NETWORK (MEECN)	33,567	31,908
Global ASNT Inc 2 previously funded		-1,659
223 HIGH FREQUENCY RADIO SYSTEMS	40,000	27,300
Program support costs unjustified request		-5,000
Test assets excess to need		-7,700
224 INFORMATION SYSTEMS SECURITY PROGRAM	95,523	95,523
226 ALL DOMAIN COMMON PLATFORM	71,296	71,296
227 JOINT MILITARY DECEPTION INITIATIVE	4,682	4,682
STRATEGIC MISSION PLANNING & EXECUTION SYSTEM		
228 (SMPES)	64,944	64,944
230 AIRBORNE SIGINT ENTERPRISE	108,947	113,431
AFSA previously funded		-2,202
Program increase - special projects		9,000
Underexecution		-2,314
231 COMMERCIAL ECONOMIC ANALYSIS	4,635	4,635
234 C2 AIR OPERATIONS SUITE - C2 INFO SERVICES	13,751	13,751
235 CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,660	1,660
236 ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	18,680	15,180
Unjustified growth		-3,500
237 GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	5,031	5,031
238 CYBER SECURITY INITIATIVE	301	0
Integrated sensor collection development ahead of need		-301
239 WEATHER SERVICE	26,329	51,329
Program increase - Air Force weather transformation		10,000
Program increase - machine learning global weather forecasting		6,000
Program increase - weather wing data migration		9,000

04M

R-1	Budget Request	Final Bill
AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM		
240 (ATCALs)	8,751	26,751
Program increase - infill radars for wind farm coverage		3,000
Program increase - mobile air traffic surveillance system		15,000
241 AERIAL TARGETS	6,915	6,915
244 SECURITY AND INVESTIGATIVE ACTIVITIES	352	352
245 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	6,930	6,930
246 INTEGRATED BROADCAST SERVICE (IBS)	21,588	18,540
Unjustified growth		-3,048
247 DRAGON U-2	16,842	16,842
248 AIRBORNE RECONNAISSANCE SYSTEMS	43,158	56,158
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
250 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	88,854	88,854
251 RQ-4 UAV	1,242	1,242
252 NETWORK-CENTRIC COLLABORATIVE TARGETING	12,496	12,496
253 NATO AGS	2	2
254 SUPPORT TO DCGS ENTERPRISE	31,589	33,589
Program increase - computer vision platform for high-altitude imagery object re-identification		2,000
INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES		
255 ARCHITECTURES	15,322	15,322
256 RAPID CYBER ACQUISITION	8,830	8,830
257 PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,764	2,764
258 INTELLIGENCE MISSION DATA (IMD)	7,090	7,090
259 C-130 AIRLIFT SQUADRON	5,427	6,427
Program increase - infrared suppressor system modification testing		1,000
260 C-5 AIRLIFT SQUADRONS (IF)	29,502	28,286
Early to need		-1,216
261 C-17 AIRCRAFT (IF)	2,753	2,753
262 C-130J PROGRAM	19,100	25,772
Program increase - aerial delivery of fire suppression		5,000
Program increase - non-recurring engineering for polar airlift aircraft		5,000
Block 8.1 excess to need		-2,900
MILSATCOM carryover		-428
263 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,982	3,982
Excess growth		-2,000

R-1	Budget Request	Final Bill
264 KC-135S	51,105	72,587
COMM 2 crypto delay		-1,771
Program increase - intelligent gateway		19,100
Program increase - multi-function sensor		15,000
CCR early to need		-5,182
HFM early to need		-1,415
Winglets early to need		-4,250
265 CV-22	18,127	17,127
Core Avionics carryover		-1,000
266 SPECIAL TACTICS / COMBAT CONTROL	9,198	7,977
M2M Software delay		-1,221
268 LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	17,520	17,520
269 AF LVC OPERATIONAL TRAINING (LVC-OT)	25,144	22,144
Direct Mission Support previously funded		-3,000
270 OTHER FLIGHT TRAINING	2,265	2,265
272 JOINT PERSONNEL RECOVERY AGENCY	2,266	2,266
273 CIVILIAN COMPENSATION PROGRAM	4,006	4,006
274 PERSONNEL ADMINISTRATION	3,078	3,078
275 AIR FORCE STUDIES AND ANALYSIS AGENCY	5,309	909
Insufficient justification		-4,400
FINANCIAL MANAGEMENT INFORMATION SYSTEMS		
276 DEVELOPMENT	4,279	4,279
277 DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS)	45,925	45,925
278 SERVICE SUPPORT TO SPACECOM ACTIVITIES	9,778	9,778
999 CLASSIFIED PROGRAMS	16,814,245	16,621,491
Classified adjustment		-192,754
UND CIVILIAN FTE ADJUSTMENT		-129,630
<hr/>		
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE	46,565,356	47,340,416

(980)

SENTINEL MANPOWER

The agreement recognizes that the Sentinel program has experienced delays and that the Air Force is updating program cost estimates and schedule information. The agreement includes the directive under this heading in Senate Report 118-81 and further directs the Secretary of the Air Force to update the congressional defense committees on the current status of cost and schedule of the program on a quarterly basis and any changes that impact Interim Operational Capability and Full Operational Capability whenever such change occurs.

SENTINEL INDUSTRIAL BASE

The agreement provides \$100,000,000 for prototyping to reduce schedule and cost risk, and stabilize the supply base. This funding may also be used for commissioning industrial base studies, developing radiation-hardened components for strategic applications, and certifying metal-oxide-semiconductor field-effect transistors. The agreement also provides \$100,000,000 to strengthen Sentinel program key suppliers, particularly in areas with identified gaps, and to improve supplier efficiency. This funding may also be used for workforce development and collaboration with trade schools. The agreement retains the directives under the heading “Sentinel Industrial Base” in Senate Report 118-81.

ADVANCED ENGINE DEVELOPMENT – ENGINE TECHNOLOGIES

The agreement recognizes the importance of engine development for fighter aircraft, and investments in the skilled engineering and manufacturing workforce to support the domestic fighter aircraft engine industrial base. Therefore, the agreement includes \$280,000,000 only to develop advanced engine technologies for integration into future engine development programs. This can include investments in adaptive cycle engine technologies, improved manufacturing techniques for engine components, development of novel materials, and the integration of enhanced digital design capabilities into the engine development process.

The Assistant Secretary of the Air Force for Acquisition, Technology and Logistics is directed to provide to the congressional defense committees, not later than 90 days after enactment of this Act, a spend plan for the additional resources provided by this agreement. The Assistant Secretary of the Air Force for Acquisition, Technology and Logistics is also directed to provide to the congressional defense

committees, not later than 90 days after enactment of this Act, a briefing describing how the Air Force intends to ensure there is a sufficient level of engine design work in order to maintain a robust domestic aircraft engine industrial base.

The agreement does not support the integration of an alternative engine on the F-35, and includes a new general provision that prohibits the use of funds to integrate an alternative engine on any F-35 aircraft.

This language replaces the language under the heading "Fighter Aircraft Engine Development" in House Report 118-121 and the language under the heading "Future Engine Technologies" in Senate Report 118-81.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE

The agreement provides \$18,669,844,000 for Research, Development, Test and Evaluation, Space Force, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ Insert 101A-E

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Final Bill
1 DEFENSE RESEARCH SCIENCES	0	20,100
Transfer from RDT&E, AF line 1 for space unique S&T		20,100
2 UNIVERSITY RESEARCH INITIATIVES	0	14,400
Transfer from RDT&E, AF line 2 for space unique S&T		14,400
4 SPACE TECHNOLOGY	206,196	342,592
Prior year underexecution		-2,765
DAF requested transfer from line 48 for civilian personnel		72,888
Transfer from RDT&E, AF line 3 for space unique S&T		7,273
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
Program increase - university consortium for space technology		1,000
Program increase - autonomous RPOD		10,000
Program increase - high-efficiency solar chiplet arrays for LEO satellites		5,000
Program increase - on-orbit bi-propellant propulsion		2,000
Program increase - space modeling, simulation, and analysis hub		7,500
Program increase - space situational awareness ground infrastructure		5,000
Program increase - space qualified solar cell manufacturing		4,000
Program increase - sub-zero volt lithium-ion battery		2,500
Program increase - software development for RPO to support space domain awareness		2,000
5 SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT	472,493	477,193
Prior year carryover		-15,000
Inadequate justification - other tranche 2 activities		-10,300
Program increase - radiation-hardened, trusted, assured microelectronics		5,000
Program increase - space sensor fusion		6,500
Program increase - defense of LEO		10,500
Program increase - isotope power systems		5,000
Program increase - defense in depth as mission assurance spacecraft multi-level security		3,000

101 A

R-1	Budget Request	Final Bill
6 SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO	110,033	232,906
DAF requested transfer from line 16 for space solar power project		40,000
Underexecution		-9,800
Transfer from RDT&E, AF line 15 for space unique S&T		48,373
Transfer from RDT&E, AF line 16 for space unique S&T		3,033
Transfer from RDT&E, AF line 24 for space unique S&T		812
Transfer from RDT&E, AF line 27 for space unique S&T		1,955
Program increase - EO and LADAR for early threat detection		5,000
Program increase - modular multi-mode propulsion system		8,000
Program increase - commercial space access improvements		5,000
Program increase - responsive launch infrastructure upgrade		5,000
Program increase - additive manufacturing of energetics		5,000
Program increase - hydrocarbon boost engine		5,000
Program increase - adaptive medium-lift engine architecture		3,500
Program increase - advanced spacecraft non-toxic multi-mode propulsion		2,000
7 SPACE FORCE WEATHER SERVICES RESEARCH	849	849
8 SPACE FORCE IT, DATA ANALYTICS, DIGITAL SOLUTIONS	61,723	51,723
Inadequate justification - digital engineering		-10,000
9 NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	353,807	333,247
MGUE Inc 2 handheld delay		-6,960
MGUE Inc 2 excess to need		-13,600
10 SPACE WARFIGHTING ANALYSIS	95,541	95,541
11 EO/IR WEATHER SYSTEMS	95,615	80,615
Demo 2 acquisition strategy		-15,000
13 SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	2,081,307	2,056,307
Inadequate justification - other activities		-25,000
16 SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	145,948	80,975
Underexecution		-18,000
DAF requested transfer to line 6 for space solar power project		-40,000
ROOSTER launch support ahead of need		-8,472
LDPE-2 and 3A launch support previously funded		-1,001
Program increase - GEO SmallSat communications technology		2,500
17 SPACE CONTROL TECHNOLOGY	58,374	63,374
Program increase - in-orbit electric propulsion		5,000
18 TECH TRANSITION (SPACE)	164,649	164,649
19 SPACE SECURITY AND DEFENSE PROGRAM	59,784	63,784
Program increase - SSDP support		4,000
20 PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	76,554	72,809
Underexecution		-3,745

101 B

R-1	Budget Request	Final Bill
21 PROTECTED TACTICAL SERVICE (PTS)	360,126	233,596
Unjustified request - management services		-5,574
Reduce EMD and rapid prototyping concurrency		-108,356
ECO FFP reduction		-12,600
22 EVOLVED STRATEGIC SATCOM (ESS)	632,833	505,224
Griffon follow-on ahead of need		-10,650
ECO excess with FFP construct		-28,412
Overestimation of A&AS		-20,000
Overestimation of SE&I		-4,477
End cryptologic contract delay		-25,592
Ground segment contract delay		-38,478
23 SPACE RAPID CAPABILITIES OFFICE	12,036	19,536
Program increase - digital beamforming ground-based C2		7,500
24 TACTICALLY RESPONSE SPACE	30,000	50,000
Program increase		20,000
25 GPS III FOLLOW-ON (GPS IIIF)	308,999	292,185
Development excess to need		-16,814
27 COUNTERSPACE SYSTEMS	36,537	32,159
Underexecution		-4,378
28 WEATHER SYSTEM FOLLOW-ON	79,727	75,327
Unjustified increase - management services		-1,600
SV 1-2 excess to need		-2,800
29 SPACE SITUATION AWARENESS SYSTEMS	372,827	372,827
30 ADVANCED EHF MILSATCOM (SPACE)	4,068	4,068
31 POLAR MILSATCOM (SPACE)	73,757	64,422
EPS-R payload development complete		-9,335
32 WIDEBAND GLOBAL SATCOM (SPACE)	49,445	35,620
PCMS award delay		-13,825
33 NEXT-GEN OPIR - GROUND	661,367	575,875
Overestimation of MDP expenditures		-57,592
FORGE-C2 acquisition strategy change		-19,400
RGS-A contract savings		-8,500
34 NEXT GENERATION OPIR	222,178	192,366
Data exploitation carryover		-29,812
35 NEXT-GEN OPIR - GEO	719,731	691,069
Incentive fees ahead of need		-18,819
Overestimation of A&AS		-9,843
36 NEXT-GEN OPIR - POLAR	1,013,478	866,813
Unjustified increase - management services		-3,265
Phase 2 concurrency		-143,400

101 C

R-1	Budget Request	Final Bill
37 COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	73,501	71,413
LUX MEO new start ECO reduction		-2,088
37A COMMERCIAL SERVICES	0	50,000
Program increase - space-based monitoring over the U.S. Southern Command AOR		10,000
Program increase - CCMD direct commercial surveillance, reconnaissance and tracking services		40,000
38 RESILIENT MISSILE WARNING MISSILE TRACKING - LOW EARTH ORBIT (LEO)	1,266,437	1,481,222
DAF requested transfer from line 40		252,785
Inadequate justification		-38,000
39 RESILIENT MISSILE WARNING MISSILE TRACKING - MEDIUM EARTH ORBIT (MEO)	538,208	684,675
DAF requested transfer from line 40		252,784
SV 1-3 contract savings		-67,457
SV 4-6 budgeted excess to estimate		-38,860
40 RESILIENT MISSILE WARNING MISSILE TRACKING - INTEGRATED GROUND SEGMENT	505,569	0
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	162,188
Program increase - additional NSSL payload processing facility		80,000
43 SPACE WARFIGHTING ANALYSIS	3,568	3,568
46 ACQ WORKFORCE - SPACE & MISSILE SYSTEMS	258,969	253,786
DAF requested transfer from line 48		17,531
Projected overestimation of civilian compensation		-22,714
47 SPACE & MISSILE SYSTEMS CENTER - MHA	13,694	15,053
DAF requested transfer from line 48		1,359
48 SPACE TECHNOLOGY	91,778	0
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	146,797
50 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	18,023	43,023
Program increase - state launched range services and capabilities		25,000
52 SPACE TEST PROGRAM (STP)	30,192	30,192
55 FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	91,369	91,369
56 DCO-SPACE	76,003	76,003
57 NARROWBAND SATELLITE COMMUNICATIONS	230,785	206,369
Inadequate justification - management services		-9,450
Prior year SLE excess to need		-14,966

101 D

R-1	Budget Request	Final Bill
58 SATELLITE CONTROL NETWORK (SPACE)	86,465	79,665
Underexecution		-4,700
ERM excess to need		-2,100
59 LONG RANGE KILL CHAINS	243,036	193,036
Classified adjustment		-50,000
61 SPACE AND MISSILE TEST AND EVALUATION CENTER	22,039	22,039
62 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	41,483	38,983
Previously funded by P.L. 117-328 Section 8121		-4,500
Program increase - space operators education and experiential learning		2,000
63 SPACELIFT RANGE SYSTEM (SPACE)	11,175	11,175
65 SPACE SUPERIORITY ISR	28,730	28,730
67 BALLISTIC MISSILE DEFENSE RADARS	20,752	28,752
Program increase - PARCS		8,000
68 NCMC - TW/AA SYSTEM	25,545	25,545
69 NUDET DETECTION SYSTEM (SPACE)	93,391	93,391
70 SPACE SITUATION AWARENESS OPERATIONS	264,966	279,824
GSW sensor comm upgrade prior year carryover		-3,142
Program increase - commercial collaborative sensor network		3,000
Program increase - AI and autonomy for data analytics and sensors		10,000
Program increase - unified data library		5,000
71 GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT	317,309	246,809
Blk 1/2 interim contractor support-excess to need		-11,200
Blk 1/2 A&AS overestimation		-3,000
Blk 1/2 prior-year carryover		-29,400
OCX 3F execution delay		-26,900
75 ENTERPRISE GROUND SERVICES	155,825	155,825
76 JOINT TACTICAL GROUND SYSTEM	14,568	14,568
999 CLASSIFIED PROGRAMS	5,764,667	5,851,367
Classified adjustment		86,700
78 SPACE COMMAND & CONTROL - SOFTWARE PILOT PROGRAM	122,326	122,326
TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE	19,199,340	18,669,844

(101 E)

TACTICALLY RESPONSIVE SPACE AND THE INDUSTRIAL BASE

The agreement directs the Assistant Secretary of the Air Force for Space Acquisition and Integration to provide a report to the congressional defense committees, not later than 120 days after enactment of this Act, that defines the mission sets to be pursued under the tactically responsive space umbrella within the future years defense program and longer term prospective mission sets, along with a market analysis of the resident and emerging capabilities within the space industrial base to perform these missions. The report shall include an assessment of the relative technical maturity of each capability and an assessment of the industrial base capacity to support these mission sets, including but not limited to, responsive launch, on-orbit servicing, on-orbit pre-positioning, and on-orbit refueling.

CISLUNAR SPACE

Developing capabilities and operating within cislunar space is imperative for the Nation to obtain national security, science and technology, and economic advantages. Congressionally directed increases accounted for 80 percent of all resources invested in cislunar activities over the last two fiscal years. The agreement again encourages the Secretary of the Air Force to increase its investments in cislunar propulsion technologies, space domain awareness, and other related activities.

IN-SPACE ASSEMBLY AND MANUFACTURING

The agreement notes the promise of in-space assembly and manufacturing (ISAM) to support a range of civil and national security missions and is aware that the Space Force is exploring a mission to resurrect the NASA Spitzer Space Telescope using such capabilities. The agreement encourages the Secretary of the Air Force to increase investment for ISAM and pursue avenues to collaborate with the civil space sector and industry on a near-term mission.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

The agreement provides \$36,892,886,000 for Research, Development, Test and Evaluation, Defense-Wide, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ (Insert 103A-N

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Final Bill
1	DTRA BASIC RESEARCH	14,761	21,761
	Program increase - materials science in extreme dynamic environments plus		2,000
	Program increase - materials science in extreme environments		5,000
2	DEFENSE RESEARCH SCIENCES	311,531	304,031
	Reduce carryover - advanced manufacturing science		-7,500
3	HIGH ENERGY LASER RESEARCH INITIATIVES	16,329	16,329
4	BASIC RESEARCH INITIATIVES	71,783	111,783
	Program increase - DEPSCoR		20,000
	Program increase - global competition analysis net assessment		10,000
	Program increase - Hispanic serving research cohort		10,000
5	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	50,430	50,430
6	NATIONAL DEFENSE EDUCATION PROGRAM	159,549	162,549
	Program increase - STEM fellowships		3,000
7	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS	100,467	101,467
	Program increase - augmenting quantum sensing research, education, and training		1,000
8	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	36,235	33,486
	Prior year underexecution		-2,749
9	JOINT MUNITIONS TECHNOLOGY	19,157	17,241
	Unclear S&T strategy		-1,916
10	BIOMEDICAL TECHNOLOGY	141,081	114,525
	Excess growth		-26,556
11	PROMOTION AND PROTECTION STRATEGIES	3,219	3,219
12	DEFENSE TECHNOLOGY INNOVATION	55,160	20,002
	Unjustified growth		-35,158
13	LINCOLN LABORATORY RESEARCH PROGRAM	46,858	46,858
14	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T	66,866	60,440
	Rebaseline program profile		-6,426
15	INFORMATION & COMMUNICATIONS TECHNOLOGY	333,029	326,779
	Efforts previously funded		-6,250
17	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	240,610	240,610
18	CYBER SECURITY RESEARCH	17,437	30,437
	Program increase - academic cyber institutes		5,000
	Program increase - Pacific intelligence and innovation initiative		5,000
	Program increase - semiconductor supply chain cyber security research		3,000

103A

R-1	Budget Request	Final Bill
19 SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY Program decrease - PREPARES	4,718	3,218 -1,500
20 TACTICAL TECHNOLOGY Excess growth	234,549	211,848 -22,701
21 MATERIALS AND BIOLOGICAL TECHNOLOGY	344,986	344,986
22 ELECTRONICS TECHNOLOGY Program increase - small radio-frequency demonstrator Program decrease - reduce carryover	572,662	517,831 6,000 -60,831
23 COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH Program increase - advanced manufacturing of energetics Program increase - crowd sourced AI for detection	208,870	220,220 5,000 6,350
24 SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH	11,168	11,168
25 HIGH ENERGY LASER RESEARCH	48,804	48,804
26 FSRM MODELLING	2,000	2,000
27 SOF TECHNOLOGY DEVELOPMENT Program increase - assessment of commercial systems Program increase - identity threat mitigation Program increase - signature management improvements (SUAS)	52,287	67,937 6,000 7,000 2,650
28 JOINT MUNITIONS ADVANCED TECHNOLOGY Program increase - energetics acceleration Unclear strategy	37,706	39,883 5,000 -2,823
29 NATIONAL SECURITY INNOVATION CAPITAL	15,085	15,085
30 SO/LIC ADVANCED DEVELOPMENT Duplicative funding Transfer to line 130, CDAO Dem/Val Activities for SUNet	30,102	2,000 -15,800 -12,302
31 COMBATING TERRORISM TECHNOLOGY SUPPORT Program increase - advanced EMS monitoring for western EW test ranges Program increase - anti-tunneling Program increase - artificial intelligence for explosive ordnance disposal decision support Program increase - combat terrorism technology support Program increase - cooperative C-UAS development including directed energy and laser technology Program increase - supercavitating projectiles Program increase - wearable detection of chemical and biological agents	75,593	178,093 5,000 47,500 1,000 2,500 40,000 5,000 1,500
32 FOREIGN COMPARATIVE TESTING	27,078	27,078
33 COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT Program increase - advanced manufacturing of energetic materials	400,947	409,447 8,500
34 ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	7,990	7,990

10313

R-1	Budget Request	Final Bill
35 ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	17,825	29,325
Program increase - hypersonic HWIL upgrades		5,000
Program increase - long-lived power source for directed energy weapon missile defense satellite system		5,000
Program increase - quantum computing threat modeling		1,500
36 ADVANCED RESEARCH	21,461	61,961
Program increase - advanced carbon materials for hypersonic applications		2,500
Program increase - advanced directed energy optics design and manufacturing		7,000
Program increase - benzoxazine for high-mach system thermal protection		8,000
Program increase - energy efficient AI hardware for military edge devices		6,000
Program increase - hypersonic interceptor component technology		5,000
Program increase - radiation hardened microelectronics testing facility		12,000
37 JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT & TRANSITION	52,292	54,292
Program increase - additive hypersonic components with advanced porous materials		2,000
38 JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	19,567	19,567
39 INTELLIGENCE ADVANCED DEVELOPMENT	10,000	10,000
40 ADVANCED AEROSPACE SYSTEMS	331,753	233,943
Program increase - artificial intelligence reinforcements		10,000
Early to need - liberty lifter		-8,310
Excess growth		-18,000
Program termination - tactical boost glide		-81,500
41 SPACE PROGRAMS AND TECHNOLOGY	134,809	118,809
Excess growth		-16,000
42 ANALYTIC ASSESSMENTS	24,328	32,328
Program increase - strategic multilayer assessment		8,000
43 ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	55,626	65,626
Classified adjustment		10,000
44 QUANTUM APPLICATION	75,000	20,000
Lack of acquisition strategy		-55,000
46 DEFENSE INNOVATION UNIT (DIU)	104,729	225,229
Program increase - defense innovation onramp hubs		65,000
Program increase - defense innovation onramp hubs geographic expansion		10,000
Program increase - industrial foreign influence analysis		8,000
Program increase - innovation with academia		15,000
Program increase - nuclear advanced propulsion and power		2,500
Program increase - reusable hypersonic technology		10,000
Program increase - hypersonic unmanned wingman		10,000
47 TECHNOLOGY INNOVATION	123,837	50,232
Phase programmatic growth		-31,724
Transfer Project 375 to line 66		-41,881
48 ADVANCED TECHNICAL INTEGRATION	11,000	11,000

1030

R-1	Budget Request	Final Bill
49 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT	267,073	255,073
Program increase - broad-spectrum indirect antiviral research		3,000
Excess growth		-15,000
50 RETRACT LARCH	57,401	57,401
51 JOINT ELECTRONIC ADVANCED TECHNOLOGY	19,793	16,824
Unclear strategy		-2,969
53 NETWORKED COMMUNICATIONS CAPABILITIES	11,197	3,253
Unjustified growth		-7,944
54 DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM	252,965	479,465
Program increase - accelerating predictive supply chain logistics		2,000
Program increase - additive manufacturing at scale		5,000
Program increase - additive manufacturing casting		5,000
Program increase - aluminum castings performance initiative		4,000
Program increase - advanced regenerative manufacturing		4,000
Program increase - advanced robotics and automation training		8,000
Program increase - biotechnology manufacturing institutes		100,000
Program increase - data analytics and visualization		6,000
Program increase - digital manufacturing accelerator		6,000
Program increase - domestic flexible factory for footwear manufacturing		10,000
Program increase - flexible hybrid electronics		10,000
Program increase - high performance computing enabled large-scale manufacturing		25,000
Program increase - high temperature composite material manufacturing		10,000
Program increase - integrated silicon-based lasers		4,000
Program increase - manufacturing of advanced components for hypersonics		16,000
Program increase - microelectromechanical systems mirror-based LiDAR sensor		3,000
Program increase - OT and internet-of-things asset identification and management		5,000
Program increase - rapid additive manufacturing		3,500
55 MANUFACTURING TECHNOLOGY PROGRAM	46,404	69,764
Program increase - artificial intelligence manufacturing		5,000
Program increase - critical mineral supply chain resiliency		5,000
Program increase - high purity vanadium for aerospace titanium alloys		2,000
Program increase - hypersonic radomes and apertures		4,000
Program increase - processing pilot for high-purity nickel		3,000
Program increase - rare earth element mining		2,000
Program increase - recover, reclaim, recycle materials from defense scrap		2,000
Program increase - steel performance initiative		5,000
Execution risk		-4,640
56 GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	16,580	16,991
Program increase - wood to jet fuel		3,000
Leverage Joint SBIR/STTR		-2,589
57 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	60,387	60,387
58 MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT	144,707	147,472
Program increase - enhanced RF microelectronics production		10,000
Execution risk		-7,235
59 JOINT WARFIGHTING PROGRAM	2,749	2,749

1030

R-1	Budget Request	Final Bill
60 ADVANCED ELECTRONICS TECHNOLOGIES	254,033	254,033
61 COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS Classified adjustment	321,591	346,591 25,000
62 NETWORK-CENTRIC WARFARE TECHNOLOGY Classified adjustment Unjustified growth	885,425	863,175 -16,000 -6,250
63 SENSOR TECHNOLOGY Excess growth	358,580	322,050 -36,530
65 SOFTWARE ENGINEERING INSTITUTE	16,699	16,699
66 DEFENSE INNOVATION ACCELERATION (DIA) Maintain level of effort Previously funded Transfer Project 375 from line 47	257,110	261,741 -18,000 -19,250 41,881
67 HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	111,799	111,799
68 TEST & EVALUATION SCIENCE & TECHNOLOGY Program increase - enhanced hypersonic testing capabilities in collaboration with NASA Program increase - hypersonic wave heat facilities Program increase - MACH-TB modeling, simulating, analysis, and testing classified network Program increase - space based telemetry using phased array Program increase - space testing facilities Unjustified growth	345,384	412,368 15,000 20,000 10,000 8,350 25,000 -11,366
69 AUKUS INNOVATION INITIATIVES Program decrease - excess to need	25,000	12,500 -12,500
70 NATIONAL SECURITY INNOVATION NETWORK	21,575	21,575
71 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT Program increase Program increase - high energy laser counter anti-ship cruise missile program thermal energy storage Program increase - radioisotope power systems Program increase - TRISO advanced fuel Prior year underexecution	171,668	221,085 20,000 10,000 18,000 10,000 -8,583
72 SOF ADVANCED TECHNOLOGY DEVELOPMENT Program increase - C-130J auto flight deck and remote mission systems Program increase - identity management Maintain level of effort - advanced technology development Program decrease	156,097	161,163 10,500 3,500 -4,934 -4,000
74 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P Excess growth	76,764	59,463 -17,301
75 WALKOFF	143,486	143,486

103E

R-1	Budget Request	Final Bill
76 ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	117,196	122,196
Program increase - on-base microgrid resiliency		5,000
Program increase - sustainable technology evaluation and demonstration program		3,000
Program decrease - sustainable technologies evaluation and demonstration program		-3,000
77 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	220,311	225,311
Program increase - THAAD modernization		5,000
78 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE	903,633	886,798
Early to need		-4,050
Excess growth		-12,785
79 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - DEM/VAL	316,853	292,006
Excess growth		-24,847
80 BALLISTIC MISSILE DEFENSE SENSORS	239,159	239,159
81 BMD ENABLING PROGRAMS	597,720	587,490
Future concepts and planning growth		-3,500
Threat systems engineering		-6,730
82 SPECIAL PROGRAMS - MDA	552,888	564,888
Classified adjustment		12,000
83 AEGIS BMD	693,727	603,671
Program increase - lightweight, radiation-hardened, thermally-insensitive sensors		10,000
Excess growth		-4,856
Unjustified request		-95,200
84 BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATION	554,201	553,870
Program decrease - flight test adjustments		-331
85 BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	48,248	48,248
86 MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	50,549	50,549
87 REGARDING TRENCH	12,564	17,564
Classified adjustment		5,000
88 SEA BASED X-BAND RADAR (SBX)	177,868	177,868
89 ISRAELI COOPERATIVE PROGRAMS	300,000	300,000
90 BALLISTIC MISSILE DEFENSE TEST	360,455	358,903
Program decrease - flight test adjustments		-1,552
91 BALLISTIC MISSILE DEFENSE TARGETS	570,258	617,758
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 hypersonic flight test bed		15,000
Program increase - low cost liquid target demonstration		7,500

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R-1	Budget Request	Final Bill
92 COALITION WARFARE	12,103	9,903
Program decrease - excess to need		-2,200
93 NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G)	179,278	124,278
Program decrease - excess to need		-20,000
Transfer to line 281		-35,000
94 DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,185	5,185
Program increase - anti-corrosion initiatives		2,000
95 GUAM DEFENSE DEVELOPMENT	397,578	397,578
96 TECHNOLOGY MATURATION INITIATIVES	0	10,000
Program increase - short pulse laser directed energy demonstration for hypersonic defense		10,000
97 CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - MIP	34,350	34,350
98 HYPERSONIC DEFENSE	208,997	233,997
Program increase - reusable hypersonic flight testing		25,000
99 ADVANCED INNOVATIVE TECHNOLOGIES	1,085,826	1,016,283
Program increase - Project Pele		41,800
Classified adjustment		-68,518
Early to need - hypervelocity gun weapons system		-32,825
Effort previously funded		-10,000
100 TRUSTED & ASSURED MICROELECTRONICS	760,839	710,814
Program increase - chiplet interfaces for advanced node field programmable gate arrays		10,000
Program increase - high voltage silicon carbide microelectronics		7,000
Program increase - magnetoresistive random-access memory		3,500
Program increase - radiation-hardened chiplet design acceleration		5,000
Execution risk		-75,525
101 RAPID PROTOTYPING PROGRAM	110,291	79,191
Program increase - undersea kinetic multi-payload capable USV		5,000
Program completion - SCIFIRE		-8,900
Prior year contract savings		-12,200
Functional transfer to line 130A for JADC2		-15,000
102 RAPID PROTOTYPING PROGRAM	9,880	5,880
Program decrease		-4,000
103 DEFENSE INNOVATION UNIT (DIU) PROTOTYPING	0	131,874
Program increase		7,000
Program increase - accountability bookkeeping dashboard		18,000
Program increase - additive manufacturing of undersea drones		10,000
Program increase - advance rocket propulsion		20,000
Program increase - aircraft autonomy		14,750
Program increase - quantum		55,000
Transfer from line 106 - operational energy capability improvement non-S&T		7,124
104 DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT	2,643	9,643
Program increase - unmanned traffic management test, evaluation, and implementation		7,000
105 CATAPULT INFORMATION SYSTEM	8,328	8,328

1036

R-1	Budget Request	Final Bill
106 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT - NON S&T	53,726	39,479
Prior year underexecution		-7,123
Transfer to line 103		-7,124
108 WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,206	3,206
109 RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	79,773	23,515
Program decrease		-56,258
110 JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS	28,517	19,457
Transfer to Line 130A for JADC2		-9,060
111 LONG RANGE DISCRIMINATION RADAR (LRDR)	103,517	103,517
112 IMPROVED HOMELAND DEFENSE INTERCEPTORS	2,130,838	2,130,838
113 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST	47,577	20,708
Program decrease - flight test adjustments		-26,869
114 AEGIS BMD TEST	193,484	186,484
Program decrease		-7,000
115 BALLISTIC MISSILE DEFENSE SENSOR TEST	111,049	111,049
116 LAND-BASED SM-3 (LBSM3)	22,163	22,163
117 BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	41,824	33,224
Prior year test adjustments		-8,600
118 SAFETY PROGRAM MANAGEMENT	2,484	2,484
119 CYBERCOM ACTIVITIES	65,484	65,484
120 ROBUST INFRASTRUCTURE AND ACCESS	170,182	135,482
Unjustified growth		-34,700
121 CYBER TRAINING ENVIRONMENT (CTE)	114,980	114,980
122 ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,156	2,156
123 CYBER SECURITY INITIATIVE	2,760	2,760
124 INTELLIGENCE CAPABILITIES AND INNOVATION	3,000	3,000
125 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,669	16,669
Program increase - Joint Forces Headquarters – DOD information network cyber defensive operations and training		14,000
126 OFFICE OF STRATEGIC CAPITAL (OSC)	99,000	34,800
Program decrease - critical technologies limited partner program		-15,000
Transfer to Department of Defense Credit Program Account, Title VIII		-49,200

1034

R-1	Budget Request	Final Bill
129 BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	109,483	110,483
Program increase - HBTSS		1,000
130 CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - DEM/VAL ACTIVITIES	615,246	351,679
Program increase - all domain autonomous simulation		4,900
Program increase - management innovation pilot		50,000
Program increase - secure transit over untrusted networks		5,000
Program increase - SUNvana improvements		5,000
Undefined requirement - big play pilot		-19,500
Cost overestimation - GIDE		-13,400
Functional transfer to line 130A for JADC2		-262,950
Functional transfer to line 130B for Alpha-1		-44,919
Transfer from line 30, SO/LIC advanced development		12,302
130A JADC2		343,010
Program increase - joint fires network		50,000
Classified adjustment		6,000
Functional transfer from line 101 for JADC2		15,000
Functional transfer from line 110 for JADC2		9,060
Functional transfer from line 130 for JADC2		262,950
130B ALPHA-1		54,919
Program increase - autonomy enterprise platform		10,000
Functional transfer from line 130 for Alpha-1		44,919
131 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD	6,229	6,229
132 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - EMD	382,977	342,114
Execution risk		-20,266
Unexecutable growth - autoinjector manufacturer capability		-20,597
133 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM	9,775	9,775
134 COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT	14,414	14,414
135 INFORMATION TECHNOLOGY DEVELOPMENT	6,953	6,953
136 HOMELAND PERSONNEL SECURITY INITIATIVE	9,292	7,292
Insufficient justification		-2,000
137 DEFENSE EXPORTABILITY PROGRAM	18,981	14,731
Excess growth		-4,250
138 OUSD(C) IT DEVELOPMENT INITIATIVES	5,456	5,456
140 DEFENSE AGENCY INITIATIVES (DAI) - FINANCIAL SYSTEM	32,629	29,229
Excess growth		-3,400
141 MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS)	9,316	9,316
142 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	6,899	6,899
143 TRUSTED & ASSURED MICROELECTRONICS	247,586	209,034
Execution risk		-38,552
145 NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	4,110	4,110
146 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT	8,159	8,159

103E

R-1	Budget Request	Final Bill
147 CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION	14,471	14,471
148 DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION	3,770	3,770
149 JOINT CAPABILITY EXPERIMENTATION	12,402	12,402
150 DEFENSE READINESS REPORTING SYSTEM (DRRS)	12,746	12,746
151 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	8,426	8,426
152 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP)	833,792	850,000
Program increase - hypersonic test facility		105,000
Early to need		-88,792
153 ASSESSMENTS AND EVALUATIONS	5,810	5,810
154 MISSION SUPPORT	99,090	99,090
155 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	187,421	175,699
Duplicative funding		-11,722
156 JOINT INTEGRATED AIR AND MISSILE DEFENSE	61,477	61,477
157 CLASSIFIED PROGRAM USD(P)	0	167,042
Program increase - classified adjustment		167,042
158 SYSTEMS ENGINEERING	39,949	30,749
Excess growth		-9,200
159 STUDIES AND ANALYSIS SUPPORT - OSD	6,292	6,292
160 NUCLEAR MATTERS-PHYSICAL SECURITY	21,043	15,400
Excess growth		-5,643
161 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	10,504	10,504
162 GENERAL SUPPORT TO OUSD (INTELLIGENCE AND SECURITY)	2,980	7,980
Program increase - implementation of findings and recommendations of security programs, policies and procedures		5,000
163 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	74,382	74,382
170 SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER	3,831	3,831
171 MAINTAINING TECHNOLOGY ADVANTAGE	38,923	38,923
172 DEFENSE TECHNOLOGY ANALYSIS	60,404	55,565
Unclear strategy and metrics		-4,839
173 DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	65,715	65,715
174 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION	26,037	31,037
Program increase - federal voting assistance program		5,000
175 DEVELOPMENT TEST AND EVALUATION	37,353	37,353

103J

R-1	Budget Request	Final Bill
176 MANAGEMENT HQ - R&D	14,833	14,833
177 MANAGEMENT HQ - DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	3,752	3,752
178 SPECIAL ACTIVITIES	18,088	18,088
179 BUDGET AND PROGRAM ASSESSMENTS	14,427	14,427
180 ANALYSIS WORKING GROUP (AWG) SUPPORT	4,200	4,200
181 CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES Excess growth	17,247	13,447 -3,800
182 ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,386	3,386
183 DEFENSE SCIENCE BOARD	2,352	2,352
184 AVIATION SAFETY TECHNOLOGIES Program decrease - unjustified request	213	0 -213
186 CYBER RESILIENCY AND CYBERSECURITY POLICY Duplicative spending	45,194	42,194 -3,000
187 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	11,919	11,919
188 DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,112	3,112
189 JOINT STAFF ANALYTICAL SUPPORT	4,916	4,916
190 C4I INTEROPERABILITY	66,152	66,152
195 COMBINED ADVANCED APPLICATIONS	5,366	5,366
197 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,069	3,069
199 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2) - NON-MHA Duplicative request - JLVC modernization	101,319	54,069 -47,250
200 DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI)	740	740
201 MANAGEMENT HQ - MDA	28,363	28,363
202 JOINT SERVICE PROVIDER (JSP)	5,177	5,177
203 ENTERPRISE SECURITY SYSTEM (ESS)	42,482	42,482

103 R

R-1	Budget Request	Final Bill
205 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	1,017,141	921,354
Program increase - 2.5D advanced packaging		10,250
Program increase - 3D printing technology		3,000
Program increase - 5G testbed		10,000
Program increase - advanced electrification demonstration		3,000
Program increase - advanced headborne systems and manufacturing		5,000
Program increase - advanced thermoplastics demonstration		10,000
Program increase - automated textile manufacturing		5,000
Program increase - battery manufacturing supply chain resilience		5,000
Program increase - critical materials processing		10,000
Program increase - critical minerals from chromatographic separation		2,000
Program increase - defense supply chain and workforce readiness program		2,000
Program increase - domestic nickel superalloy castings		4,000
Program increase - domestic organic light emitting diode microdisplay manufacturing		24,500
Program increase - extreme environment clothing		2,000
Program increase - freeze-dried plasma		7,800
Program increase - high temperature ceramics lab and prototyping capability		2,000
Program increase - munitions supply chain diversification		5,000
Program increase - rare earth element demonstration		5,000
Program increase - ruggedized transceivers		10,000
Program increase - scaling commercial grade packs and frames		5,000
Program increase - securing rare earth		5,000
Program increase - shipyard and ship repair workforce training		3,000
Program increase - small business shipbuilding supplier resiliency		5,000
Planned FY25 contract awards		-239,337
206 COUNTERPROLIFERATION SPECIAL PROJECTS: OPERATIONAL SYSTEMS DEVELOPMENT	12,713	12,713
207 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS)	8,503	8,503
208 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT)	80,495	67,162
Excess growth		-13,333
209 CYBER COMMAND AND CONTROL (CYBER C2)	95,733	95,733
210 DATA AND UNIFIED PLATFORM (D&UP)	138,558	118,558
Unjustified growth - unified platform infrastructure		-20,000
214 DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION	19,299	19,299
215 LONG-HAUL COMMUNICATIONS - DCS	37,726	37,726
216 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	5,037	5,037
218 INFORMATION SYSTEMS SECURITY PROGRAM	97,171	137,171
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	8,351
222 DEFENSE SPECTRUM ORGANIZATION	35,995	25,995
EMBM contract delays		-10,000

1034

R-1	Budget Request	Final Bill
223 JOINT PLANNING AND EXECUTION SERVICES	5,677	5,677
224 JOINT REGIONAL SECURITY STACKS (JRSS)	3,196	3,196
228 DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY	25,655	25,655
232 INDUSTRIAL SECURITY ACTIVITIES	2,134	2,134
235 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	2,295	2,295
236 COMBINED ADVANCED APPLICATIONS	52,736	52,736
239 POLICY R&D PROGRAMS	6,263	6,263
240 NET CENTRICITY	23,275	19,784
Excess growth		-3,491
242 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,214	6,214
249 INSIDER THREAT	2,971	12,971
Program increase - credibility assessment modernization		10,000
250 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	1,879	7,269
Program increase - dual advanced use trauma system		5,390
257 CYBER OPERATIONS TECHNOLOGY SUPPORT	469,385	399,366
Program increase - cyber operations technology support		2,000
Unjustified growth - deployable mission support systems		-1,119
Unjustified growth - joint cyber warfighting architecture		-35,000
Unjustified growth - joint development environment		-25,000
Program decrease unaccounted for		-10,900
261 DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION	1,760	1,760
262 LOGISTICS SUPPORT ACTIVITIES	1,420	4,420
Program increase - next generation transponder integration		3,000
263 PACIFIC DISASTER CENTERS	1,905	3,905
Program increase - global water security center		2,000
264 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	3,249	3,249
265 MQ-9 UAV	37,188	92,188
Program increase - adaptive airborne enterprise		55,000
267 AVIATION SYSTEMS	216,174	221,177
Program increase - alternative domestic source C-130J IRSS		6,000
Program increase - C-130J weapons modernization		8,000
Unjustified request - aviation engineering analysis		-8,997
268 INTELLIGENCE SYSTEMS DEVELOPMENT	86,737	125,237
Program increase - detecting and tracking technology		6,000
Program increase - multi-mission tactical unmanned aerial system		25,000
Program increase - quantum computing and quantum networking		7,500

(103M)

R-1	Budget Request	Final Bill
269 OPERATIONAL ENHANCEMENTS	216,135	236,135
Program increase - female body armor development and modernization		5,000
Program increase - loitering munitions		15,000
270 WARRIOR SYSTEMS	263,374	337,174
Program increase - blast exposure monitoring		10,000
Program increase - CUAS group 3 defeat acceleration		5,000
Program increase - next-generation electronic countermeasures		12,000
Program increase - non-kinetic targeting and signature management		10,000
Program increase - non-traditional ISR		10,000
Program increase - passive radar for air defense and counter unmanned aerial systems		3,500
Program increase - platform agnostic data storage infrastructure		3,000
Program increase - SPEAR body armor		5,000
Program increase - stand-off precision guided munitions		24,000
Early to need - MPE-M		-8,700
271 SPECIAL PROGRAMS	529	529
272 UNMANNED ISR	6,727	6,727
273 SOF TACTICAL VEHICLES	9,335	9,335
274 MARITIME SYSTEMS	158,231	163,231
Program increase - autonomous unmanned surface vessels		5,000
275 OPERATIONAL ENHANCEMENTS INTELLIGENCE	15,749	18,249
Program increase - 3D mapping at the tactical edge		2,500
278 ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM	21,355	21,355
279 GLOBAL COMMAND AND CONTROL SYSTEM	33,166	33,166
281A DEFENSE INNOVATION UNIT (DIU) FIELDING	0	589,400
Program increase - AI development tools		8,000
Program increase - AI for ISR data and analysis		9,800
Program increase - AI for ISR drones		10,000
Program increase - AUKUS and coalition warfare		14,700
Program increase - autonomous amphibious response vehicle		5,000
Program increase - automated cybersecurity testing		2,000
Program increase - autonomous VTOL air logistics		23,000
Program increase - CsUAS		50,000
Program increase - digital engineering		13,000
Program increase - DIU and service Non-traditional Innovation Fielding Enterprise		134,000
Program increase - long endurance USVs for multi-domain awareness		50,000
Program increase - modeling and simulation for autonomy		4,900
Program increase - research on 5G interference with military radars		10,000
Program increase - support to combatant commands		220,000
Transfer from line 93		35,000
999 CLASSIFIED PROGRAMS	8,463,742	8,809,670
Classified adjustment		345,928
999 CLASSIFIED PROGRAMS	36,315	36,315
999 CLASSIFIED PROGRAMS	270,653	0
Classified adjustment		-270,653
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE	36,085,834	36,892,886

103N

TACTICALLY MOBILE MICRO-REACTOR DEVELOPMENT

The agreement directs the Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs to provide expeditious oversight of physical security and nuclear material handling, interagency coordination, and technical review and assistance for the design, development, and test of tactically mobile micro-reactors. This language replaces the language under this heading in Senate Report 118-81.

DIGITAL TRANSFORMATION

The agreement directs the Chief Digital and Artificial Intelligence Officer (CDAO), in coordination with the Undersecretary of Defense (Comptroller) and the Director of the Defense Innovation Unit, 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 budget and acquisition data reporting to the congressional defense committees. The report shall include an analysis of any budgetary policy barriers to implementing this secure web interface. This language replaces the directives under this heading in House Report 118-121.

OFFICE OF STRATEGIC CAPITAL OVERSIGHT AND EXECUTABILITY

The agreement recognizes the objectives and promise of the Office of Strategic Capital (OSC). Given the congressional interest in the success of this office, a continued active dialogue between the OSC and the House and Senate Defense Appropriations Subcommittees is encouraged to ensure that the necessary authorities and funding mechanisms are available and proper oversight and execution of the same. Noting the importance of the Office of Strategic Capital, the agreement provides \$84,000,000, of which \$49,200,000 is for the loan program office as appropriated in section 8140 for the Department of Defense Credit Program Account. The loan program office shall only make direct loans, and such direct loans shall be limited to companies developing critical technologies.

BIOTECHNOLOGY MANUFACTURING INSTITUTES

The agreement includes the reporting requirement under this heading in House Report 118-121. However, the spend plan directed under this heading in House Report 118-121 is no longer required.

ALTERNATIVE BATTERY CHEMISTRY

The agreement directs the Deputy Secretary of Defense to provide a briefing 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 and an assessment of the security risk associated with the sourcing of raw and processed materials from outside the United States. The brief shall also include the Department's plan to address these vulnerabilities, including the Department's projected timelines to increase domestic procurement of rechargeable batteries and battery cells, as well as an analysis of key factors limiting domestic procurement of rechargeable batteries and battery cells. This language replaces the directives under this heading in House Report 118-121.

OPERATIONAL TEST AND EVALUATION, DEFENSE

The agreement provides \$337,489,000 for Operational Test and Evaluation, Defense, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
OPERATIONAL TEST AND EVALUATION	169,544	140,044
Program increase - browser plug-in security research		6,000
Transfer to line 3 per DOT&E request		-35,500
LIVE FIRE TESTING	103,252	103,252
OPERATIONAL TEST ACTIVITIES AND ANALYSIS	58,693	94,193
Transfer from line 1 per DOT&E request		35,500
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE	331,489	337,489

TITLE V - REVOLVING AND MANAGEMENT FUNDS

The agreement provides \$1,786,779,000 in Title V, Revolving and Management Funds.

DEFENSE WORKING CAPITAL FUNDS

The agreement provides \$1,786,779,000 for Defense Working Capital Funds, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
WORKING CAPITAL FUND, ARMY	29,213	149,213
Program increase - Arsenal Sustainment Initiative		120,000
WORKING CAPITAL FUND, AIR FORCE	83,587	83,587
DEFENSE AUTOMATION & PRODUCTION SERVICES	4	4
DEFENSE LOGISTICS AGENCY, ENERGY MANAGEMENT	114,663	106,363
Unjustified request		-8,300
WORKING CAPITAL FUND, DECA	1,447,612	1,447,612
NATIONAL DEFENSE STOCKPILE TRANSACTION FUND	7,629	0
Transfer – National Defense Stockpile Transaction Fund funded in section 8034		-7,629
TOTAL, DEFENSE WORKING CAPITAL FUNDS	1,682,708	1,786,779

NATIONAL DEFENSE STOCKPILE TRANSACTION FUND

The fiscal year 2024 President's budget request includes funding for the National Defense Stockpile Transaction Fund, which is intended to decrease or preclude U.S. dependence on foreign sources for supplies of strategic and critical materials. The agreement provides funds with a tenure of three years for this purpose in section 8034. In prior fiscal years, the execution of funding for this purpose has lagged benchmarks, delaying the Department of Defense's ability to expeditiously address this challenge. The Secretary of Defense is directed to submit a report, not later than 90 days after the enactment of this Act, that includes a plan to expedite the execution of funds provided for this purpose;

an assessment of how providing funds directly to the Transaction Fund would impact executability; and projections for future sales of excess commodities in fiscal year 2025.

TITLE VI - OTHER DEPARTMENT OF DEFENSE PROGRAMS

The agreement provides \$42,696,094,000 in Title VI, Other Department of Defense Programs, as follows:

~~(INSERT OTHER DOD PROGRAMS SUMMARY TABLE)~~ ^R (Insert 108A)

(DOLLARS IN THOUSANDS)

BUDGET
REQUEST

FINAL
BILL

TITLE VI

OTHER DEPARTMENT OF DEFENSE PROGRAMS

Defense Health Program:		
Operation and maintenance.....	37,100,306	36,639,695
Procurement.....	381,881	381,881
Research, development, test and evaluation.....	931,773	2,877,048
Total, Defense Health Program.....	38,413,960	39,898,624
Chemical Agents and Munitions Destruction, Defense:		
Operation and maintenance.....	89,284	89,284
Research, development, test and evaluation.....	1,002,560	1,002,560
Total, Chemical Agents.....	1,091,844	1,091,844
Drug Interdiction and Counter-Drug Activities, Defense	886,426	1,177,061
Office of the Inspector General.....	525,365	528,565
Support for International Sporting Competitions.....	---	---
Total, title VI, Other Department of Defense Programs.....	40,917,595	42,696,094

105A

DEFENSE HEALTH PROGRAM

The agreement provides \$39,898,624,000 for the Defense Health Program, as follows:

~~(INSERT PROJECT LEVEL TABLE)~~ ec Insert 109 A-C

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
OPERATION AND MAINTENANCE		
IN-HOUSE CARE	10,044,342	9,916,132
Program decrease unaccounted for		-14,140
Unexecutable growth		-129,070
Program increase - telehealth for military children and families		15,000
PRIVATE SECTOR CARE	19,893,028	19,757,403
Baseline adjustment		-18,925
Unexecutable growth		-116,700
CONSOLIDATED HEALTH SUPPORT	2,007,012	2,005,538
Baseline adjustment		-6,018
Excess to need		-21,456
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
Unjustified growth		-29,479
MANAGEMENT ACTIVITIES	347,446	347,446
EDUCATION AND TRAINING	336,111	356,611
Program increase - specialized medical pilot program		2,500
Program increase - TriService nursing research program		7,000
Program increase - Uniformed Services University combat medical support research		7,000
Program increase - Uniformed Services University Biotechnology Center		3,000
Program increase - Partnerships with Indo-Pacific medical professionals		1,000
BASE OPERATIONS AND COMMUNICATIONS	2,144,551	2,116,738
Unjustified growth		-27,813
Undistributed adjustment - projected overestimation of civilian compensation		-33,710
Undistributed - baseline adjustment		-125,000
Undistributed - psychedelic treatment for TBI report		200
TOTAL, OPERATION AND MAINTENANCE	37,100,306	36,639,695
PROCUREMENT		
TOTAL, PROCUREMENT	381,881	381,881

109A

Budget Request**Final Bill**

RESEARCH AND DEVELOPMENT

Program increase - DoD wide psychedelic medical clinical trials	10,000
Program increase - special operations TBI pilot program	4,000
Program increase - Armed Forces Institute of Regenerative Medicine III	10,000
Program increase - military-civilian trauma partnerships	5,000
Program increase - non-direction blast sensors	2,000
Program increase - non-narcotic pain management	1,000
Program increase - University partnership initiative	20,000
Program increase - pharmacogenomics testing for military readiness pilot	4,000
Program increase - identifying domestic ingredients for domestic production of critical pharmaceuticals identified by DLA	5,000
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	15,000
Program increase - data management and governance	15,000
Program increase - combatting multi-drug resistant wound infection	5,595
Restore core funding reduction	257,200
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	130,000
Peer-reviewed cancer research	10,000
Peer-reviewed Duchenne muscular dystrophy research	12,000
Peer-reviewed epilepsy research	10,000
Peer-reviewed glioblastoma research	5,000
Peer-reviewed hearing restoration research	50,000
Peer-reviewed kidney cancer research	25,000
Peer-reviewed lung cancer research	10,000
Peer-reviewed lupus research	370,000
Peer-reviewed medical research	40,000
Peer-reviewed melanoma research	10,000
Peer-reviewed military burn research	20,000
Peer-reviewed multiple sclerosis research	25,000
Peer-reviewed neurofibromatosis research	30,000
Peer-reviewed orthopedic research	45,000
Peer-reviewed ovarian cancer research	15,000
Peer-reviewed pancreatic cancer research	16,000
Peer-reviewed Parkinson's research	110,000
Peer-reviewed prostate cancer research	17,500
Peer-reviewed rare cancers research	12,000
Peer-reviewed reconstructive transplant research	40,000
Peer-reviewed spinal cord research	7,000
Peer-reviewed tickborne disease research	30,000
Peer-reviewed toxic exposures research	

104B

	Budget Request	Final Bill
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	2,877,048
TOTAL, DEFENSE HEALTH PROGRAM	38,413,960	39,898,624

109C

REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

The agreement directs the Assistant Secretary of Defense for Health Affairs to provide quarterly briefings to the congressional defense committees on budget execution data for all of the Defense Health Program budget activities not later than 30 days after the end of each fiscal quarter, 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.

The agreement directs that the In-House Care and Private Sector Care budget sub-activities remain designated as congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). 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. The Secretary of Defense is further directed to provide 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 in fiscal year 2023.

In addition, the agreement 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.

CARRYOVER

The agreement provides one percent carryover authority for the Operation and Maintenance account of the Defense Health Program. The Assistant Secretary of Defense for Health Affairs is directed to submit a detailed spend 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.

PEER-REVIEWED CANCER RESEARCH PROGRAM

The agreement provides \$130,000,000 for the peer-reviewed cancer research program to research cancers not addressed in the breast, pancreatic, prostate, ovarian, kidney, lung, melanoma, rare cancer, and glioblastoma research programs.

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 (excluding

glioblastoma); colorectal cancer; endometrial cancer; esophageal cancer; germ cell cancers; liver cancer; lymphoma; mesothelioma; metastatic cancers; myeloma; neuroblastoma; pediatric brain tumors; pediatric, adolescent, and young adult cancers; sarcoma; stomach cancer; and thyroid cancer.

The peer-reviewed cancer research program shall be used only for the purposes listed above. The inclusion of the individual rare cancer research program shall not prohibit the peer-reviewed cancer research program from funding the above-mentioned cancers or cancer subtypes that may be rare by definition. The report directed under this heading in House Report 118-121 and Senate Report 118-81 is still required to be provided not later than 12 months after the enactment of this Act.

PEER-REVIEWED MEDICAL RESEARCH PROGRAM

The agreement provides \$370,000,000 for a peer-reviewed medical research program. The Secretary of Defense, in conjunction with the Service Surgeons General, is directed to select medical research projects of clear scientific merit and direct relevance to military health. Research areas considered under this funding are restricted to: accelerated aging processes associated with military service; celiac disease; computational biology for precision health; congenital cytomegalovirus; congenital heart disease; dystonia; eating disorders; Ehlers-Danlos syndrome; epidermolysis bullosa; far-UVC germicidal light; fibrous dysplasia/McCune-Albright syndrome; focal segmental glomerulosclerosis; food allergies; Fragile X; frontotemporal degeneration; Guillain-Barre syndrome; hepatitis B; hereditary ataxia; hydrocephalus; inflammatory bowel disease; interstitial cystitis; lymphedema; malaria; maternal mental health; mitochondrial disease; musculoskeletal disorders related to acute and chronic bone conditions and injuries; myalgic encephalomyelitis/chronic fatigue syndrome; myotonic dystrophy; nephrotic syndrome; neuroactive steroids; pancreatitis; peripheral neuropathy; polycystic kidney disease; proteomics; pulmonary fibrosis; respiratory health; Rett syndrome; scleroderma; sickle-cell disease; suicide prevention; vascular malformations; and Von Hippel-Lindau syndrome. The additional funding provided under the peer-reviewed medical research program shall be devoted only to the purposes listed above.

ELECTRONIC HEALTH RECORDS

The agreement directs the Program Executive Officer of Defense Healthcare Management Systems (PEO DHMS) to provide monthly reports not later than 15 days after the end of each month to

the congressional defense committees on the status of all open incident reports, as well as the 46 high priority incident reports, in order to better track the progress of the Department in resolving the issues identified in the continuous deployment of MHS GENESIS. The PEO DHMS, in conjunction with the Director of the Federal Electronic Health Record Modernization (FEHRM) program office and the Director of the Defense Health Agency, is directed to submit quarterly reports not later than 30 days after the end of each fiscal quarter to the congressional defense committees and the Government Accountability Office 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, as well as quarterly obligation reports.

The agreement directs the Director of the FEHRM program office to continue to submit quarterly reports on the progress of interoperability between the Department of Defense and the Department of Veterans Affairs to the House and Senate Defense Appropriations Subcommittees and the House and Senate Military Construction, Veterans Affairs, and Related Agencies Appropriations Subcommittees.

In addition, the agreement directs the Comptroller General to continue quarterly performance reviews of the deployment 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.

NON-OPIOID DRUG RESEARCH

The agreement directs the Assistant Secretary of Defense for Health Affairs to provide a report to the congressional defense committees on the Department's plans to conduct collaborative research on development of non-opioid drugs for acute pain control on the battlefield not later than 60 days after the enactment of this Act.

SERVICE DOGS

Service dogs provide a vital support to our wounded warriors. The agreement supports programs that help to increase the capacity to train and place these dogs with eligible servicemembers and veterans.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

The agreement provides \$1,091,844,000 for Chemical Agents and Munitions Destruction, Defense, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS [In thousands of dollars]

	Budget Request	Final Bill
OPERATION AND MAINTENANCE	89,284	89,284
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	1,002,560	1,002,560
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	1,091,844	1,091,844

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

The agreement provides \$1,177,061,000 for Drug Interdiction and Counter-Drug Activities, Defense, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
COUNTER-NARCOTICS SUPPORT	643,848	702,962
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
Program increase - SOUTHCOM airborne long-wave infra-red hyperspectral imagery sensors		14,900
NGB headquarters realignment		-5,786
DRUG DEMAND REDUCTION PROGRAM	134,313	138,313
Program Increase - Young Marines		4,000
NATIONAL GUARD COUNTER-DRUG PROGRAM	102,272	305,786
Program increase		167,728
Program increase - equipment		30,000
NGB headquarters realignment		5,786
NATIONAL GUARD COUNTER-DRUG SCHOOLS	5,993	30,000
Program increase		24,007
TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	886,426	1,177,061

The agreement includes \$702,962,000 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 Defense Appropriations Subcommittees not later than 60 days after the enactment of this Act.

The agreement 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 agreement 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 agreement notes the model of the Joint Interagency Task Force-South which has conducted detection and monitoring operations to support law enforcement disruptions of drug trafficking in the Caribbean for decades. The agreement 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 of the Department to increase interagency coordination to counter illicit fentanyl and synthetic opioids production and trafficking to the United States, as it pertains to the Department's existing roles and responsibilities under current authorities, to support national counter-drug operations. The report shall include an analysis of the Department's current mechanisms for coordinating interagency efforts and the feasibility of establishing a Department of Defense joint interagency task force for this purpose.

The agreement 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 agreement includes \$305,786,000 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 and imaging capabilities. The recommendation also includes \$30,000,000 for the National Guard Counterdrug Schools Program.

The agreement directs the Secretary of Defense to provide a report to the House and Senate Defense Appropriations Subcommittees not later than 90 days after the enactment of this Act 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.

The agreement directs the Comptroller General 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 limit the effectiveness of the Department of Defense and National Guard Bureau support for 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.

The agreement directs the Secretary of Defense 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.

OFFICE OF THE INSPECTOR GENERAL

The agreement provides \$528,565,000 for the Office of the Inspector General, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Final Bill
OPERATION AND MAINTENANCE	520,867	522,119
Special Inspector General for Operation Atlantic Resolve		4,600
Projected overestimation of civilian compensation		-1,400
OPERATION & MAINTENANCE, CYBER	1,948	1,948
PROCUREMENT	1,098	1,098
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	3,400	3,400
TOTAL, OFFICE OF THE INSPECTOR GENERAL	525,365	528,565

TITLE VII - RELATED AGENCIES

The agreement provides \$1,139,419,000 in Title VII, Related Agencies, as follows:

~~(INSERT COMPUTER TABLE)~~ (Insert 117A)

(DOLLARS IN THOUSANDS)

BUDGET
REQUEST

FINAL
BILL

TITLE VII

RELATED AGENCIES

Central Intelligence Agency Retirement and Disability System Fund.....	514,000	514,000
Intelligence Community Management Account (ICMA).....	650,000	625,419
	=====	=====
Total, title VII, Related agencies.....	1,164,000	1,139,419

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

The agreement provides \$514,000,000 for the Central Intelligence Agency Retirement and Disability Fund.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

The agreement provides \$625,419,000 for the Intelligence Community Management Account.

TITLE VIII – GENERAL PROVISIONS

Title VIII of the accompanying bill includes 150 general provisions. A brief description of each provision follows.

Section 8001 provides that no funds made available in this Act may be used 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 provides that no funds made available in this Act may be obligated beyond the end of the fiscal year unless expressly provided for a greater period of availability elsewhere in the Act.

Section 8004 limits the obligation of certain funds provided in this Act during the last two months of the fiscal year.

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

Section 8006 provides that the tables titled Explanation of Project Level Adjustments in the Committee report and classified annex 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 provides that none of the funds appropriated in this Act may be used 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 made available in this Act to initiate multiyear procurement contracts.

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

Section 8012 provides that the Secretary of Defense shall provide a report on excessive contractor payments.

Section 8013 prohibits funding from being used to influence congressional action on any matters pending before the Congress.

Section 8014 restricts the use of funds to reduce or prepare to reduce the number of deployed and non-deployed strategic delivery vehicles and launchers.

Section 8015 provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protégé Program.

Section 8016 provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Section 8017 prohibits funds made available in this Act for the support of any non-appropriated activity of the Department of Defense that procures malt beverages and wine except under certain conditions.

Section 8018 prohibits funds made available to the Department of Defense from being used to demilitarize or dispose of certain surplus firearms and small arms ammunition or ammunition components.

Section 8019 provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Section 8020 provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Section 8021 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Section 8022 provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Section 8023 provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Section 8024 provides funding in the Army's Working Capital Fund to maintain competitive rates at the arsenals.

Section 8025 provides funding for the Civil Air Patrol Corporation.

Section 8026 prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDCs), with certain limitations.

Section 8027 defines the congressional defense committees as the Armed Services Committees of the House and Senate and the Subcommittees on Defense of the House and Senate Appropriations Committees.

Section 8028 defines the congressional intelligence committees as being the Permanent Select Committee on Intelligence of the House, the Select Committee on Intelligence of the Senate, and the Subcommittees on Defense of the House and Senate Appropriations Committees.

Section 8029 provides for competitions between private firms and Department of Defense depot maintenance activities.

Section 8030 requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

Section 8031 provides for the Department of Defense to procure carbon, alloy, or armor steel plates melted and rolled only in the United States and Canada.

Section 8032 provides for the revocation of blanket waivers of the Buy American Act.

Section 8033 prohibits funding from being used for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Section 8034 appropriates funding for the National Defense Stockpile Transaction Fund.

Section 8035 prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Section 8036 provides for a waiver of "Buy American" provisions for certain cooperative programs.

Section 8037 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 8038 provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Section 8039 provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than \$350,000.

Section 8040 provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Section 8041 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Section 8042 prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8043 provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Working Capital Fund, or other programs as specified.

Section 8044 places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8045 places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

(RESCISSIONS)

Section 8046 rescinds \$2,595,522,000 from the following programs:

2022 Appropriations:

Cooperative Threat Reduction Account:

Cooperative Threat Reduction Account.....75,000,000

Procurement of Weapons and Tracked Combat Vehicles, Army:

Assault Bridge (MOD)..... 1,900,000

Other Procurement, Army:

Information Systems10,000,000

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

Procurement of Ammunition, Navy and Marine Corps:

Infantry Weapons Ammunition1,012,000

Shipbuilding and Conversion, Navy:

T-AGOS: Construction158,300,000

Procurement, Marine Corps:

Radio Systems.....7,100,000

Aircraft Procurement, Air Force:

F-2283,261,000

Procurement, Defense-Wide:

PCMV204,000

2023 Appropriations:

Operation and Maintenance, Defense-Wide:

DSCA Security Cooperation.....85,000,000

Counter-ISIS Train and Equip Fund:

Counter-Islamic State of Iraq and Syria Train and Equip.....50,000,000

Aircraft Procurement, Army:

AH-64 Mods3,372,000

Missile Procurement, Army:

TOW 2 System Summary2,713,000

Procurement of Weapons and Tracked Combat Vehicles, Army:

Improved Recovery Vehicle (M88A2 Hercules)..... 7,799,000

Location & Azimuth Determination System2,573,000

Other Procurement, Army:

COTS Communication Equipment25,000,000

Information Systems23,962,000

Automated Data Processing Equipment10,000,000

Disaster Incident Response Communications Terminal4,066,000

Procurement of Ammunition, Army:

Mines & Clearing Charges, All Types.....2,176,000

Demolition Munitions, All Types.....1,047,000

Aircraft Procurement, Navy:

MQ-25220,650,000

Next Generation Jammer4,673,000

Infrared Search and Track (IRST)20,000,000

F-18 Series44,422,000

C-130 Series.....10,000,000

T-45 Series5,000,000

Common ECM Equipment15,000,000

Weapons Procurement, Navy:

Tomahawk.....	40,000,000
Torpedo Support Equipment.....	10,000,000

Procurement of Ammunition, Navy and Marine Corps:

Air Expendable Countermeasures.....	2,262,000
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Shipbuilding and Conversion, Navy:

DDG-51 Advance Procurement.....	77,300,000
LPD Flight II Advance Procurement.....	250,000,000

Other Procurement, Navy:

Ship Missile Support Equipment.....	1,101,000
Surface Combatant HM&E.....	2,000,000
Other Navigation Equipment.....	3,000,000
Strategic Platform Support Equipment.....	1,500,000
Items Less Than \$5 Million.....	3,000,000
AN/SQQ-89 Surf ASW Combat System.....	4,000,000
Surface Ship Torpedo Defense (SSTD).....	1,000,000
Shipboard IW Exploit.....	10,000,000
CANES.....	15,000,000
Ship Communications Automation.....	5,000,000
Info Systems Security Program.....	10,000,000
Anti-Ship Missile Decoy System.....	10,000,000
Submarine Training Device Mods.....	3,500,000
Surface Training Equipment.....	20,000,000

Procurement, Marine Corps:

Radio Systems.....	128,750,000
Marine Corps Enterprise Network (MCEN).....	12,200,000
Joint Light Tactical Vehicle.....	17,600,000

Aircraft Procurement, Air Force:

A-10.....	51,720,000
F-15.....	17,300,000

F-22	213,742,000
Other Procurement, Air Force:	
General Information Technology - TDNE.....	37,100,000
Procurement, Space Force:	
National Security Space Launch	44,200,000
Special Space Activities.....	36,287,000
Procurement, Defense Wide:	
PCMV	211,000
Armed Overwatch/Targeting	17,608,000
Ground Based Midcourse	7,000,000
Defense of Guam Procurement.....	430,000
Aegis Ashore Phase III	1,000,000
Aegis BMD Hardware and Software	8,077,000
Research, Development, Test and Evaluation, Army:	
Army Tactical Command & Control Hardware and Software ...	1,154,000
Project Convergence FY23	24,653,000
Radar Development	1,082,000
Combat Vehicle Improvement Programs.....	1,500,000
Improved Turbine Engine Program	1,461,000
Research, Development, Test and Evaluation, Navy:	
Littoral Airborne MCM	7,000,000
Standard Missile Improvements	26,912,000
CHALK CORAL	80,300,000
RETRACT MAPLE.....	6,500,000
EA-18.....	5,693,000
Advanced Above Water Sensors	2,500,000
Anti-Radiation Missile Improvement	5,000,000
Marine Corps Communication Systems	2,800,000
Research, Development, Test and Evaluation, Air Force:	
Joint Transportation Management Systems	17,500,000

KC-46A Tanker Squadrons.....	19,400,000
F-15 EPAWSS	5,000,000
A-10 Squadrons	30,524,000
Classified Programs	10,600,000
AC/HC/MC-130J	29,300,000
Research, Development, Test and Evaluation, Space Force:	
Polar MILSATCOM (Space).....	16,878,000
National Security Space Launch – EMD	80,000,000
Research, Development, Test and Evaluation, Defense-Wide:	
Central Test and Evaluation Investment Development	75,986,000
Advanced Electronics Technologies.....	150,000,000
Safety Program Management.....	90,000
Ballistic Missile Defense Midcourse Defense Segment	2,550,000
Missile Defense Integration & Operations Center (MDIOC).....	163,000
Ballistic Missile Defense Test	1,700,000
Improved Homeland Defense Interceptors	749,000
Ballistic Missile Defense Sensor Test.....	1,300,000
Ballistic Missile Defense Midcourse Segment Test	3,000,000
Coalition Warfare.....	500,000
DoD Enterprise Energy Information Management (EEIM)	1,500,000

Section 8047 prohibits funds made available in this Act from being used 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 8048 prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8049 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 8050 prohibits the transfer of Department of Defense and Central Intelligence Agency drug interdiction and counter-drug activities funds to other agencies.

Section 8051 provides funding for Red Cross and United Services Organization grants.

Section 8052 provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Section 8053 prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Section 8054 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 8055 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8056 limits funds for the retirement of C-40 aircraft.

Section 8057 provides for the limitation on the use of funds appropriated in title IV to procure end-items for delivery to military forces for operational training, operational use, or inventory requirements.

Section 8058 prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Section 8059 provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Section 8060 provides that the Secretary of Defense shall provide a classified quarterly report on certain matters as directed in the classified annex accompanying this Act.

Section 8061 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8062 prohibits the use of funds made available in this Act to transfer to any nongovernmental entity ammunition held by the Department of Defense that has a center-fire cartridge and is designated as "armor piercing" except for demilitarization purposes.

Section 8063 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 8064 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 8065 prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Section 8066 provides funding to expand cooperation or improve the capabilities of allies and partners in the United States Africa Command and the United States Southern Command areas of responsibilities.

Section 8067 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 8068 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 8069 provides for the transfer of funds made available in this Act under Operation and Maintenance, Navy to the John C. Stennis Center for Public Service Development Trust Fund.

Section 8070 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 8071 requires notification for the rapid acquisition and deployment of supplies and associated support services.

Section 8072 provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8073 provides funding for prior year shipbuilding cost increases.

Section 8074 provides that funds made available in this Act for intelligence and intelligence-related activities not otherwise authorized in the Intelligence Authorization Act for the current fiscal year are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947.

Section 8075 prohibits funding from being used to initiate a new start program without prior written notification.

Section 8076 prohibits funding from being used for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8077 prohibits funds for the decommissioning of certain ships.

Section 8078 provides for special transfer authority for ship construction programs.

Section 8079 prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8080 prohibits funding from being used for the integration of foreign intelligence information unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Section 8081 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, which shall remain available for the current and the following fiscal years.

Section 8082 provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Section 8083 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 8084 places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Section 8085 provides for limitations on funding provided for the National Intelligence Program to be available for obligation or expenditure through a reprogramming or transfer of funds in accordance with section 102A(d) of the National Security Act of 1947 (50 U.S.C. 3024(d)).

Section 8086 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 8087 prohibits the use of funds for federal contracts in excess of \$1,000,000 unless the contractor meets certain conditions.

Section 8088 provides funds for transfer to the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8089 prohibits the use of funds providing certain missile defense information to certain entities.

Section 8090 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, and for the purchase of passenger motor vehicles for use by military and civilian employees of the Department of Defense in the United States Central Command area of responsibility up to a limit of \$75,000 per vehicle.

Section 8091 provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8092 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 8093 directs the Secretary of Defense to post grant awards on a public website in a searchable format.

Section 8094 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8095 places restrictions on transfer amounts available to pay salaries for non-Department of Defense personnel.

Section 8096 provides that operation and maintenance funds may be used for any purposes related to the National Defense Reserve Fleet.

Section 8097 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 8098 prohibits 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 8099 prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Section 8100 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8101 prohibits the use of funding for information technology systems that do not have pornographic content filters.

Section 8102 places restrictions on the use of funding for military parades.

Section 8103 prohibits funds in the Act from being used to enter into a contract or provide a loan to any corporation that has any unpaid Federal tax liability.

Section 8104 provides funds for agile development, test and evaluation, procurement, production and modification, and the operation and maintenance for certain software pilot programs.

Section 8105 prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Section 8106 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 8107 prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Section 8108 provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Section 8109 provides funding for International Security Cooperation Programs.

Section 8110 provides funding to reimburse certain countries for border security.

Section 8111 prohibits funding from being used in contravention of the War Powers Resolution.

Section 8112 prohibits funding from being used in violation of the Child Soldiers Prevention Act of 2008.

Section 8113 prohibits funds for any member of the Taliban.

Section 8114 provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Section 8115 prohibits funds from being used to enter into a contract with Rosoboronexport.

Section 8116 allows for the transfer of equipment to those authorized to receive assistance under the Counter-ISIS Train and Equip Fund.

Section 8117 provides funding to reimburse key cooperating nations for logistical, military, and other support.

Section 8118 requires notification of the receipt of contributions from foreign governments.

Section 8119 requires the Chairman of the Joint Chiefs of Staff to report on any unplanned activity or exercise.

Section 8120 directs the Secretary of Defense to allocate amounts made available from the Creating Helpful Incentives to Produce Semiconductors (CHIPS) for America Defense Fund for fiscal year 2024 as follows:

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

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 Component Development and Prototypes:	
Microelectronics Commons.....	65,682,000

Section 8121 requires notification if a foreign base is opened or closed.

Section 8122 prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Section 8123 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 8124 prohibits the use of funds to establish permanent bases in Iraq, or United States control over Iraq or Syria oil resources.

Section 8125 prohibits the use of funding to procure or transfer man-portable air defense systems under the Counter-ISIS Train and Equip Fund Account.

Section 8126 provides security assistance to the Government of Jordan.

Section 8127 limits excessive growth in the procurement of advisory and assistance programs.

Section 8128 reflects savings attributable to efficiencies and management improvements in the military departments.

Section 8129 reduces amounts appropriated in title II of this act to reflect excess cash balances in Department of Defense Working Capital Funds.

Section 8130 reflects savings due to favorable foreign exchange rates.

Section 8131 appropriates funding for the Sexual Assault Special Victims' Counsel Program.

Section 8132 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 8133 requires the Secretary of the Navy to provide pay and allowances to Lieutenant Ridge Alkonis.

Section 8134 expands eligibility of previously appropriated funds for military noise mitigation grants.

Section 8135 appropriates funding for contract closeout costs.

Section 8136 provides the authority for the Secretary of Defense to obligate funds to modify up to six F-35 aircraft to a test configuration.

Section 8137 prohibits the use of funds to integrate an alternative engine on any F-35 aircraft.

Section 8138 provides the authority for funds appropriated in title III of this Act to be used to enter into a contract for the CH-53K heavy lift helicopter program.

Section 8139 provides for the use of funds for the rapid acquisition and deployment of supplies and associated support services.

Section 8140 appropriates funds for the "Department of Defense Credit Program Account" for the cost of loans and loan guarantees to support critical defense industrial base investment.

Section 8141 provides the authority for Defense Innovation Unit Fielding funds for expenses related to agile research, development, test and evaluation, procurement, production modification, and operation and maintenance requirements, including initial acquisition of end-items for operational use.

Section 8142 prohibits the use of funds to be used to support any activity associated with the Wuhan Institute of Virology.

Section 8143 prohibits 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 8144 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 8145 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 8146 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 8147 prohibits the use of funds to carry out the closure of the United States Naval Station Guantanamo Bay, Cuba.

Section 8148 provides funding for the Ukraine Security Assistance Initiative.

Section 8149 prohibits the use of funds to remove a Chinese military company from the list required by section 1260H of the National Defense Authorization Act for Fiscal Year 2021 with certain exceptions.

Section 8150 prohibits funding in contravention of section 525 of Public Law 117-263, which rescinded the Department of Defense COVID-19 vaccine mandate.

DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Pursuant to clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, neither the bill nor the explanatory statement contains any congressional earmarks or congressionally directed spending items, limited tax benefits or limited tariff benefits as defined in the applicable House and Senate rules.

~~(INSERT CSBA)~~ (Insert CSBA-F)

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army.....	49,628,305	50,363,906	50,041,206	+412,901	-322,700
Military Personnel, Navy.....	36,706,395	38,020,388	36,707,388	+993	-1,313,000
Military Personnel, Marine Corps.....	15,050,088	15,579,629	15,268,629	+218,541	-311,000
Military Personnel, Air Force.....	35,427,788	36,766,530	36,204,130	+776,342	-562,400
Military Personnel, Space Force.....	1,109,400	1,266,573	1,256,973	+147,573	-9,600
Reserve Personnel, Army.....	5,212,834	5,367,436	5,367,436	+154,602	---
Reserve Personnel, Navy.....	2,400,831	2,504,718	2,472,718	+71,887	-32,000
Reserve Personnel, Marine Corps.....	826,712	903,928	878,928	+52,216	-25,000
Reserve Personnel, Air Force.....	2,457,519	2,471,408	2,428,553	-28,966	-42,855
National Guard Personnel, Army.....	9,232,554	9,783,569	9,791,213	+558,659	+7,644
National Guard Personnel, Air Force.....	4,913,538	5,292,425	5,272,165	+358,627	-20,260
	=====	=====	=====	=====	=====
Total, title I, Military Personnel.....	162,965,964	168,320,510	165,689,339	+2,723,375	-2,631,171
	=====	=====	=====	=====	=====
Total, including Tricare.....	172,708,964	178,875,510	176,244,339	+3,535,375	-2,631,171

(20A)

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army.....	59,015,977	59,554,553	58,604,854	-411,123	-949,699
Operation and Maintenance, Navy.....	68,260,046	72,244,533	71,972,007	+3,711,961	-272,526
Operation and Maintenance, Marine Corps.....	9,891,998	10,281,913	10,184,529	+292,531	-97,384
Operation and Maintenance, Air Force.....	60,279,937	62,750,095	61,471,101	+1,191,164	-1,278,994
Operation and Maintenance, Space Force.....	4,086,883	5,017,468	4,895,818	+808,935	-121,650
Operation and Maintenance, Defense-Wide.....	49,574,779	52,768,263	52,599,068	+3,024,289	-169,195
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	3,562,714	+356,280	-68,234
Operation and Maintenance, Navy Reserve.....	1,278,050	1,380,810	1,370,710	+92,660	-10,100
Operation and Maintenance, Marine Corps Reserve.....	347,633	329,395	325,395	-22,238	-4,000
Operation and Maintenance, Air Force Reserve.....	3,700,800	4,116,256	4,005,756	+304,956	-110,500
Operation and Maintenance, Army National Guard.....	8,299,187	8,683,104	8,611,897	+312,710	-71,207
Operation and Maintenance, Air National Guard.....	7,382,079	7,253,694	7,335,405	-46,674	+81,711
United States Court of Appeals for the Armed Forces...	16,003	16,620	16,620	+617	---
Environmental Restoration, Army.....	324,500	198,760	241,860	-82,640	+43,100
Environmental Restoration, Navy.....	400,113	335,240	410,240	+10,127	+75,000
Environmental Restoration, Air Force.....	573,810	349,744	384,744	-189,066	+35,000
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	64,977	-46,814	+10,000
Total, title II, Operation and Maintenance.....	278,075,177	290,071,993	287,190,915	+9,115,738	-2,881,078

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

TITLE III					
PROCUREMENT					
Aircraft Procurement, Army.....	3,847,834	3,012,440	3,287,997	-559,837	+275,557
Missile Procurement, Army.....	3,848,853	4,962,017	4,622,213	+773,360	-339,804
Procurement of Weapons and Tracked Combat Vehicles, Army.....	4,505,157	3,765,521	4,244,226	-260,931	+478,705
Procurement of Ammunition, Army.....	2,770,120	2,967,578	2,943,574	+173,454	-24,004
Other Procurement, Army.....	8,668,148	8,672,979	8,626,297	-41,851	-46,682
Aircraft Procurement, Navy.....	19,031,864	17,336,760	19,826,909	+795,045	+2,490,149
Weapons Procurement, Navy.....	4,823,113	6,876,385	5,876,828	+1,053,715	-999,557
Procurement of Ammunition, Navy and Marine Corps.....	920,884	1,293,273	1,161,205	+240,321	-132,068
Shipbuilding and Conversion, Navy.....	31,955,124	32,848,950	33,665,493	+1,710,369	+816,543
Other Procurement, Navy.....	12,138,590	14,535,257	14,385,665	+2,247,075	-149,592
Procurement, Marine Corps.....	3,669,510	3,979,212	3,904,532	+235,022	-74,680
Aircraft Procurement, Air Force.....	22,196,175	20,315,204	20,828,306	-1,367,869	+513,102
Missile Procurement, Air Force.....	2,999,346	5,530,446	4,693,647	+1,694,301	-836,799
Procurement of Ammunition, Air Force.....	857,722	703,158	589,943	-267,779	-113,215
Other Procurement, Air Force.....	28,034,122	30,417,892	31,327,131	+3,293,009	+909,239
Procurement, Space Force.....	4,462,188	4,714,294	4,064,948	-397,240	-649,346
Procurement, Defense-Wide.....	6,139,674	6,156,975	6,392,675	+253,001	+235,700
Defense Production Act Purchases.....	372,906	968,605	587,905	+214,999	-380,700
National Guard and Reserve Equipment.....	1,000,000	---	1,000,000	---	+1,000,000
	=====	=====	=====	=====	=====
Total, title III, Procurement.....	162,241,330	169,056,946	172,029,494	+9,788,164	+2,972,548

134C

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army.....	17,150,141	15,775,381	17,115,037	-35,104	+1,339,656
Research, Development, Test and Evaluation, Navy.....	26,017,309	26,922,225	27,964,807	+1,947,498	+1,042,582
Research, Development, Test and Evaluation, Air Force.	44,946,927	46,565,356	47,340,416	+2,393,489	+775,060
Research, Development, Test and Evaluation, Space Force.....	16,631,377	19,199,340	18,669,844	+2,038,467	-529,496
Research, Development, Test and Evaluation, Defense-Wide.....	34,565,478	36,085,834	36,892,886	+2,327,408	+807,052
Operational Test and Evaluation, Defense.....	449,294	331,489	337,489	-111,805	+6,000
	=====	=====	=====	=====	=====
Total, title IV, Research, Development, Test and Evaluation.....	139,760,526	144,879,625	148,320,479	+8,559,953	+3,440,854

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds.....	1,654,710	1,675,079	1,786,779	+132,069	+111,700
National Defense Stockpile Transaction Fund.....	---	7,629	---	---	-7,629
	=====	=====	=====	=====	=====
Total, title V, Revolving and Management Funds..	1,654,710	1,682,708	1,786,779	+132,069	+104,071

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program:					
Operation and maintenance.....	35,613,417	37,100,306	36,639,695	+1,026,278	-460,611
Procurement.....	570,074	381,881	381,881	-188,193	---
Research, development, test and evaluation.....	3,041,610	931,773	2,877,048	-164,562	+1,945,275
-----	-----	-----	-----	-----	-----
Total, Defense Health Program.....	39,225,101	38,413,960	39,898,624	+673,523	+1,484,664
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	970,764	886,426	1,177,061	+206,297	+290,635
Office of the Inspector General.....	485,359	525,365	528,565	+43,206	+3,200
Support for International Sporting Competitions.....	10,377	---	---	-10,377	---
=====	=====	=====	=====	=====	=====
Total, title VI, Other Department of Defense Programs.....	41,751,419	40,917,595	42,696,094	+944,675	+1,778,499

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final 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	625,419	+63,154	-24,581
	=====	=====	=====	=====	=====
Total, title VII, Related agencies.....	1,076,265	1,164,000	1,139,419	+63,154	-24,581

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill Final Bill	Final Bill vs Enacted	Final 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	---
FFRDC (Sec. 8026).....	-129,893	---	-27,197	+102,696	-27,197
National Defense Stockpile Transaction Fund (Sec. 8034).....	93,500	---	50,000	-43,500	+50,000
Rescissions (Sec. 8046).....	-1,083,849	---	-2,595,522	-1,511,673	-2,595,522
Red Cross and United Service Organizations (Sec. 8051)	---	---	49,000	+49,000	+49,000
National grants (Sec. 8052).....	49,000	---	---	-49,000	---
O&M, Defense-Wide transfer authority (Sec. 8054).....	(30,000)	---	(30,000)	---	(+30,000)
O&M, Army transfer authority (Sec. 8064).....	(158,967)	(175,944)	(175,944)	(+16,977)	---
USSOUTHCOM and USSAFRICOM Allies and Partnership (Sec. 8066).....	200,000	---	100,000	-100,000	+100,000
Fisher House O&M Army Navy Air Force transfer authority (Sec.8067).....	(11,000)	---	(11,000)	---	(+11,000)
Fisher House Foundation (Sec. 8068).....	5,000	---	5,000	---	+5,000
John C. Stennis Center for Public Service Development (Sec. 8069).....	(1,000)	---	(1,000)	---	(+1,000)
Defense Health O&M transfer authority (Sec. 8088).....	(168,000)	(172,000)	(172,000)	(+4,000)	---
Additional transfer authority (Sec. 8091).....	(1,500,000)	(1,500,000)	(1,500,000)	---	---
Advisory and Assistance Services (Sec. 8127).....	---	---	-500,000	-500,000	-500,000
Management Efficiencies (Sec. 8128).....	---	---	-100,000	-100,000	-100,000

134H

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Reductions for excess Working Capital Fund cash balances (Sec. 8129).....	---	---	-500,000	-500,000	-500,000
Foreign Currency Fluctuations (Sec. 8130).....	-956,400	---	-969,000	-12,600	-969,000
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	---
Department of Defense Credit Program Account (Sec.8140).....	---	---	49,200	+49,200	+49,200
	=====	=====	=====	=====	=====
Total, title VIII, General Provisions.....	941,359	---	-4,438,519	-5,379,878	-4,438,519

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final 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	---

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final 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	---

134K

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

Other Department of Defense Programs					
Office of the Inspector General (emergency)..... Related Agencies	2,000	---	---	-2,000	---
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	---

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final 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	---

134M

DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final 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	---

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
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Related Agencies					
Intelligence Community Management Account (emergency)	75	---	---	-75	---
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Total, Division M - Additional Ukraine Supplemental Appropriations Act, 2023	27,867,748	---	---	-27,867,748	---
<hr/>					
Total, Other Appropriations	35,678,245	---	---	-35,678,245	---
<hr/>					
Grand total	833,887,995	826,648,377	824,969,000	-8,918,995	-1,679,377
(Appropriations)	(799,293,599)	(826,648,377)	(827,564,522)	(+28,270,923)	(+916,145)
(Emergency appropriations)	(35,678,245)	---	---	(-35,678,245)	---
(Rescissions)	(-1,083,849)	---	(-2,595,522)	(-1,511,673)	(-2,595,522)
(Transfer Authority)	(7,868,967)	(9,847,944)	(7,889,944)	(+20,977)	(-1,958,000)

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DEPARTMENT OF DEFENSE APPROPRIATIONS ACT, 2024
(Amounts in thousands)

	FY 2023 Enacted	FY 2024 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request

RECAPITULATION					
Title I - Military Personnel.....	172,708,964	178,875,510	176,244,339	+3,535,375	-2,631,171
Title II - Operation and Maintenance.....	278,075,177	290,071,993	287,190,915	+9,115,738	-2,881,078
Title III - Procurement.....	162,241,330	169,056,946	172,029,494	+9,788,164	+2,972,548
Title IV - Research, Development, Test and Evaluation.	139,760,526	144,879,625	148,320,479	+8,559,953	+3,440,854
Title V - Revolving and Management Funds.....	1,654,710	1,682,708	1,786,779	+132,069	+104,071
Title VI - Other Department of Defense Programs.....	41,751,419	40,917,595	42,696,094	+944,675	+1,778,499
Title VII - Related Agencies.....	1,076,265	1,164,000	1,139,419	+63,154	-24,581
Title VIII - General Provisions.....	941,359	---	-4,438,519	-5,379,878	-4,438,519
Total, Department of Defense.....	833,887,995	826,648,377	824,969,000	-8,918,995	-1,679,377

Total, mandatory and discretionary.....	833,927,995	826,678,377	824,999,000	-8,928,995	-1,679,377

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