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117TH CONGRESS
*2d Session*

HOUSE OF REPRESENTATIVES

REPORT
117–388

# DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2023

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## R E P O R T

OF THE

## COMMITTEE ON APPROPRIATIONS

together with

## MINORITY VIEWS

[TO ACCOMPANY H.R. 8236]

JUNE 24, 2022.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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117TH CONGRESS
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# DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2023

JUNE 24, 2022.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

Ms. MCCOLLUM of Minnesota, from the Committee on Appropriations, submitted the following

## R E P O R T

together with

## MINORITY VIEWS

[To accompany H.R. 8236]

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for the Department of Defense, and for other purposes, for the fiscal year ending September 30, 2023.

### BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2023. This bill does not provide appropriations for military construction, military family housing, civil defense, and military nuclear warheads, for which requirements are considered in connection with other appropriations Acts.

The President's fiscal year 2023 budget request for activities funded in the Department of Defense Appropriations Act totals $761,678,123,000 in new budget obligational authority.

47–854

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| RECAPITULATION | | | | | |
| Title I - Military Personnel | 166,873,267 | 173,882,628 | 173,079,643 | +6,206,376 | -802,985 |
| Title II - Operation and Maintenance | 256,288,740 | 270,208,500 | 269,360,279 | +13,071,539 | -848,221 |
| Title III - Procurement | 144,942,486 | 144,879,111 | 143,912,386 | -1,030,100 | -966,725 |
| Title IV - Research, Development, Test and Evaluation | 119,211,192 | 130,097,410 | 131,657,180 | +12,445,988 | +1,559,770 |
| Title V - Revolving and Management Funds | 2,017,000 | 1,329,895 | 1,329,895 | -687,105 | --- |
| Title VI - Other Department of Defense Programs | 39,808,546 | 39,327,079 | 40,489,636 | +681,090 | +1,162,557 |
| Title VII - Related Agencies | 1,101,100 | 1,149,000 | 1,092,705 | -8,395 | -56,295 |
| Title VIII - General Provisions | -1,299,332 | 1,278,500 | 1,233,276 | +2,532,608 | -45,224 |
| Total, Department of Defense | 762,981,882 | 762,152,123 | 762,155,000 | -826,882 | +2,877 |
| Total, mandatory and discretionary | 763,026,882 | 762,192,123 | 762,195,000 | -831,882 | +2,877 |

## COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2023 budget request and execution of appropriations for fiscal year 2022, the Subcommittee on Defense held 18 hearings during the period of March 2022 to May 2022. Hearings were held in open session, except when the security classification of the material to be discussed presented no alternative but to conduct those hearings in executive or closed session.

## INTRODUCTION

The Committee recommendation for total fiscal year 2023 Department of Defense funding is $761,681,000,000, which is an increase of $33,207,001,000 above the fiscal year 2022 enacted level and $2,877,000 above the President's Budget.

This bill carries out the Committee's constitutional responsibility to recommend the appropriations necessary to provide for the common defense of the Nation. The Committee performed its role in a collegial and bipartisan fashion consistent with long-standing traditions. Oversight of the management and expenditure of funds provided to the Department of Defense and the Intelligence Community is a core function of the Defense Subcommittee. The Subcommittee performed this responsibility with a detailed review of the fiscal year 2023 budget request and held 18 hearings.

While the President's Budget was delayed, the Subcommittee thoroughly reviewed the budget request and identified programs where reductions are possible without adversely affecting the safety and effectiveness of military personnel. Examples of such reductions include savings from favorable contract pricing adjustments, contract or schedule delays resulting in savings, unjustified new programs and cost increases, funds requested ahead of need for the year of budget execution, projected or historical underexecution, and rescissions of unneeded prior year funds.

The fiscal year 2023 request for the Department of Defense was released simultaneously with the National Defense Strategy, which emphasizes integrated deterrence, campaigning, and actions that build enduring advantages, such as working with allies. The war in Ukraine highlights the need to build these capabilities, including the power of robust diplomatic efforts to rally the world in opposition to authoritarianism. The Committee must strike the correct balance between defense, diplomacy, and development.

Russia's poor military performance also makes clear that the foundational tasks of properly manning, training, equipping, and maintaining a modern military is essential to success in current conflicts. Taking care of personnel and their families, providing service members with the best training possible, ensuring that logistical challenges can be overcome, and giving decision makers the best intelligence available are vital components to winning any conflict. Procurement and modernization are important, and it is imperative to have a qualitative military edge, but assets and weapons systems are only effective if they can be properly used and maintained.

## 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 Bal-

anced 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, 2023, the related classified annexes and Committee reports, and the P–1 and R–1 budget justification documents as subsequently modified by congressional action.

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

At the time the President submits the budget request for fiscal year 2024, the Secretary of Defense is directed to transmit to the congressional defense committees budget justification documents to be known as the M–1 and O–1, which shall identify, at the budget activity, activity group, and sub-activity group level, the amounts requested by the President to be appropriated to the Department of Defense for military personnel and operation and maintenance in any budget request, or amended budget request, for fiscal year 2024.

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 $10,000,000 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 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 military personnel (M–1); an operation and maintenance (O–1); a procurement (P–1); or a research, development, test and evaluation (R–1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this statement.

FUNDING INCREASES

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

CONGRESSIONAL SPECIAL INTEREST ITEMS

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

CLASSIFIED ANNEX

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

COMMITTEE RECOMMENDATIONS BY MAJOR CATEGORY

ACTIVE, RESERVE, AND NATIONAL GUARD MILITARY PERSONNEL

In title I of the bill, the Committee recommends a total of $173,079,643,000 for active, reserve, and National Guard military personnel, a decrease of $802,985,000 below the budget request. The Committee recommendation provides full funding necessary to increase basic pay for all military personnel by 4.6 percent, effective January 1, 2023.

OPERATION AND MAINTENANCE

In title II of the bill, the Committee recommends a total of $269,360,279,000 for operation and maintenance support to the military Services and other Department of Defense entities, a decrease of $848,221,000 below the budget request. The recommended levels will fund robust operational training, readiness, and facilities needs in fiscal year 2023.

PROCUREMENT

In title III of the bill, the Committee recommends a total of $143,912,386,000 for procurement, a decrease of $966,725,000 below the budget request.

Major initiatives and modifications include:

$991,553,000 for the procurement of 35 UH/HH–60M Blackhawk helicopters;

$693,879,000 for the procurement of 35 AH–64 Apache helicopters;

$680,089,000 for 48 sets of M109A6 Paladin Self-Propelled Howitzers and M992A2 Field Artillery Ammunition Support Vehicles;

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

$1,861,016,000 for the procurement of 12 CH–53K helicopters, an increase of two aircraft and $191,030,000 above the President's request;

$7,155,558,000 for the procurement of 61 F–35 aircraft, an increase of $261,651,000 and the same number of aircraft as the

President's request: 15 short take-off and vertical landing variants for the Marine Corps, 13 carrier variants for the Navy and Marine Corps, and 33 conventional variants for the Air Force;

$27,780,407,000 for the procurement of eight Navy ships, including two DDG–51 guided missile destroyers, two SSN–774 attack submarines, one Frigate, one LPD–17 Flight II amphibious transport dock, one TAO Fleet Oiler; and one Towing, Salvage, and Rescue Ship;

$1,880,908,000 for the procurement of 18 F–15EX aircraft;

$430,530,000 for the procurement of 5 KC–130J aircraft;

$2,674,753,000 for the procurement of 15 KC–46 tanker aircraft;

$694,018,000 for the procurement of 10 combat rescue helicopters;

$1,523,321,000 for the procurement of eight space launch services;

$646,962,000 for the procurement of two Global Positioning System satellites; and

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

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

In title IV of the bill, the Committee recommends a total of $131,657,180,000 for research, development, test and evaluation, an increase of $1,559,770,000 above the budget request.

Major initiatives and modifications include:

$1,131,594,000 to support Army Future Vertical Lift, including design, prototyping, and risk reduction for the Future Attack Reconnaissance Aircraft and the Future Long Range Assault Aircraft;

$849,949,000 for continued development and fielding of the Army's Long-Range Hypersonic Weapon;

$404,291,000 for the Army's Mid-Range Missile capability;

$380,147,000 for the Army's Lower Tier Air Missile Defense capability;

$1,230,041,000 for the continued development of the conventional prompt strike program, an increase of $25,000,000 above the President's request;

$554,193,000 for the continued development of the TACAMO modernization program;

$79,783,000 for the continued development for the Marine Corps ground-based anti-ship missile and long-range fires programs;

$2,173,134,000 for the continued development of the F–35 Lightning Joint Strike Fighter aircraft;

$3,143,584,000 for the continued development of the B–21 bomber;

$397,932,000 for the continued development of a Presidential Aircraft Replacement;

$3,527,793,000 for the continued development of the Ground Based Strategic Deterrent;

$318,727,000 for the Global Positioning System IIIF;

$359,720,000 for the Global Positioning System III Operational Control Segment;

$3,452,259,000 for the Next-Generation Overhead Persistent Infrared system;

$4,064,014,000 for the Defense Advanced Research Projects Agency; and

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

DEFENSE HEALTH PROGRAM

The Committee recommends a total of $38,072,432,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

DESIGNATED CONGRESSIONAL SPECIAL INTEREST ITEMS

The Committee directs the Secretary of Defense to limit Department overhead and operating costs on congressional program increases to not more than ten percent of the funding level provided. The Service Secretaries and the Deputy Secretary of Defense or their designee may request a waiver to this requirement by submitting a prior approval request in writing to the House and Senate Appropriations Committees.

COMMUNITY PROJECT FUNDING

The Committee directs the Secretary of Defense to ensure that the entire amount of all Community Project Funding is awarded to its intended recipients.

COMBAT RESCUE HELICOPTER

The budget request proposed to end procurement of the Air Force's HH–60W Combat Rescue Helicopter (CRH) with the 10 aircraft included in the request, thereby truncating procurement at 75 aircraft versus 113 aircraft in the program of record. The Air Force has indicated to the Committee its concerns regarding the survivability of the HH–60W in future combat environments and has emphasized that combat search and rescue is a joint mission. While the Committee acknowledges the Air Force's justifications, it is concerned that the reduction to the CRH fleet could create a shortfall in capacity. The Committee therefore directs the Secretary of Defense, in consultation with the Chairman of the Joint Chiefs of Staff, to submit a report to the congressional defense committees on combat search and rescue requirements under the National Defense Strategy, the current joint force capacity to meet these requirements, and the impact that the reduction of the CRH program to 75 aircraft will have on this capacity. This report may be submitted in classified form and shall be submitted not later than 30 days after the submission of the fiscal year 2024 President's budget request.

STERILIZATION OF SURGICAL INSTRUMENTS

The war in Ukraine is a reminder that future armed conflict likely will occur via large-scale combat, resulting in high numbers of casualties over short time periods where ease of maneuver will make evacuation difficult. These circumstances will force units to hold casualties at earlier roles of care for longer periods of time, where lifesaving surgical interventions will need to take place to preserve life. This creates significant challenges to safely operating on casualties with sterile equipment.

The Committee is aware that the Army is coordinating with the Defense Health Agency and the Undersecretary of Defense for Re-

search & Engineering to seek industry partners with strong research and development capabilities to pursue and develop a chemical sterilant solution and sterilization cabinet that can sterilize surgical instruments and other materiel through immersion, including heat-sensitive surgical instruments and other materiel. The Committee supports these efforts and encourages the Secretary of Defense to engage industry to research, develop, and commercialize these medical technologies expeditiously.

LITTORAL COMBAT SHIPS

The Committee is disappointed to see the list of vessels the Navy is requesting to decommission in fiscal year 2023, particularly the littoral combat ships that were commissioned in 2019 and 2020. The Committee understands that the proposed use of these vessels does not meet the Navy's original intent. However, decommissioning them at this time is a waste of taxpayer funds.

Therefore, the Committee has included bill language that would restore the four ships that are only two to three years old and the USS Fort Worth. The Committee directs the Secretary of the Navy to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act that would provide alternate uses for these vessels, such as missions in the Southern Command and Africa Command areas of responsibility. The report should also include any costs for additional components that are necessary to execute these missions.

MICROELECTRONICS

The Committee supports the significant investment included in the fiscal year 2023 President's Budget request for microelectronics. The Committee encourages the Secretary of Defense to continue critical microelectronics manufacturing and supply efforts required for our military and defense of the nation. Efforts of particular interest include enabling cost effective exploration of new materials, devices, and architectures, and prototyping in domestic university facilities to safeguard domestic intellectual property; accelerating the transition of new technologies to domestic microelectronics manufacturers; and conducting other relevant activities deemed necessary by the Secretary of Defense for expanding the global leadership of the United States through the establishment of a national network for microelectronics research and development.

CYBER ACTIVITIES

It remains unclear to the Committee which offices and positions at the Department of Defense are responsible for cyber, cybersecurity, and cyberspace policy and activities. For example, at quick glance the Committee finds a Deputy Assistant Secretary of Defense for Cyber Policy and a Deputy Principal Cyber Advisor for Cyber Policy in the office of the Under Secretary of Defense (USD) for Policy. In the office of the Chief Information Officer (CIO), also part of USD, there exists a Principal Director for Cyber Security, a Deputy CIO for Cybersecurity, and a Principal Deputy CIO who is noted as the primary advisor to the Secretary of Defense for cybersecurity. The Defense Information Systems Agency (DISA),

which reports to the CIO, has a Cyber Security and Analytics organization. U.S. Cyber Command "directs, synchronizes, and coordinates cyberspace planning and operations," as noted in its mission statement and directly reports to the Secretary of Defense. The Department also has a Defense Cyber Crime Center which may also have responsibilities for cyber activities and policy. Along with the plethora of positions and organizations in the Office of the Secretary, each of the Services has its own cyber establishment.

To provide clarity, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees on this topic not later than 90 days after the enactment of this Act. The report should include an organizational chart listing each office that has responsibility for cyber activities noted, its responsibilities, and the reporting structure to leadership. The report should include descriptions and distinctions between the surfeit of cyber positions. The report should include similar information for the cyber activities in the Services. The report should include information and organizational placement for cyber education programs and scholarships, as well as who has responsibility for outreach and recruitment for cyber positions and education.

MEETING THE CLIMATE CHALLENGE

Senior military leaders have long recognized that a changing climate will have significant economic impacts across the globe, lead to food insecurity issues, and cause potential shifts in regional balances. With significant implications for United States national security, climate change is reshaping the geostrategic, operational, and tactical environments. Accordingly, the fiscal year 2023 President's Budget requests funding for increased resiliency at military installations; improved energy efficiency and logistics; and research into reducing energy demand, improved storage, and other energy supplies. The Committee recommends the entire request of $2,500,000,000 to meet the climate challenge.

FEDERAL LAW ENFORCEMENT

The explanatory statement that accompanied the Commerce, Justice, Science, and Related Agencies Appropriations Act, 2022 directed the Attorney General to ensure implementation of evidence-based training programs on de-escalation, the use-of force, and the protection of civil rights, that are broadly applicable and scalable to all Federal law enforcement agencies. Several agencies funded by this Act employ Federal law enforcement officers and are Federal Law Enforcement Training Centers partner organizations. These agencies are again directed to consult with the Attorney General regarding the implementation of these programs for their law enforcement officers. The Committee further directs such agencies to submit a report to the Committee on their efforts relating to such implementation not later than 90 days after consultation with the Attorney General. In addition, the Committee continues to direct such agencies to the extent that they are not already participating, to consult with the Attorney General and the Director of the FBI regarding participation in the National Use-of-Force Data Collection. The Committee further directs such agencies to submit a report to the Committee not later than 180 days after the enactment of this Act on their efforts to so participate.

COMMITTEE INQUIRIES

The Committee requires timely responses to inquiries and requests for technical assistance to successfully perform its oversight responsibilities. Overly bureaucratic processes among administrative offices, major commands, and program offices hinder the Committee's ability to make timely and accurate decisions, which may ultimately impact program offices and the servicemembers they support. The Committee expects the Secretary of the Army to improve the internal processes and communications with member offices and the Committee on Appropriations.

# TITLE I

## MILITARY PERSONNEL

The fiscal year 2023 Department of Defense military personnel budget request totals $173,882,628,000. The Committee recommendation provides $173,079,643,000 for the military personnel accounts. The table below summarizes the Committee recommendations:

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| MILITARY PERSONNEL, ARMY | 50,305,255 | 50,144,455 | -160,800 |
| MILITARY PERSONNEL, NAVY | 36,629,226 | 36,244,037 | -385,189 |
| MILITARY PERSONNEL, MARINE CORPS | 15,330,068 | 15,230,772 | -99,296 |
| MILITARY PERSONNEL, AIR FORCE | 35,140,287 | 35,060,287 | -80,000 |
| MILITARY PERSONNEL, SPACE FORCE | 1,117,361 | 1,084,361 | -33,000 |
| RESERVE PERSONNEL, ARMY | 5,384,686 | 5,374,686 | -10,000 |
| RESERVE PERSONNEL, NAVY | 2,410,777 | 2,400,777 | -10,000 |
| RESERVE PERSONNEL, MARINE CORPS | 849,942 | 839,942 | -10,000 |
| RESERVE PERSONNEL, AIR FORCE | 2,519,878 | 2,509,878 | -10,000 |
| NATIONAL GUARD PERSONNEL, ARMY | 9,324,813 | 9,324,213 | -600 |
| NATIONAL GUARD PERSONNEL, AIR FORCE | 5,127,335 | 5,123,235 | -4,100 |
| GRAND TOTAL, TITLE I, MILITARY PERSONNEL | 164,139,628 | 163,336,643 | -802,985 |
| GRAND TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375) | 9,743,000 | 9,743,000 | --- |
| GRAND TOTAL, MILITARY PERSONNEL | 173,882,628 | 173,079,643 | -802,985 |

## MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides $173,079,643,000 for the military personnel accounts, which funds military pay and allowances, recruitment and retention initiatives, and overall quality of life programs for active duty, National Guard, and reserve personnel. The recommendation provides increased basic pay for all military personnel by 4.6 percent, effective January 1, 2023. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2023. The Committee remains supportive of programs intended to enhance the morale and quality of life of military personnel and their families.

## SUMMARY OF END STRENGTH

The fiscal year 2023 budget request includes a decrease of 4,139 in total end strength for the active forces and a decrease of 508 in total end strength for the Selected Reserve as compared to fiscal year 2022 projected levels. Further, the total end strength in the budget request includes a decrease of 24,640 personnel below the fiscal year 2022 authorized level. The following tables summarize the Committee recommendations for end strength levels, both in the aggregate and for each active and Selected Reserve component.

### OVERALL ACTIVE END STRENGTH

| | |
|---|---|
| Fiscal year 2022 authorized | 1,348,040 |
| Fiscal year 2023 budget request | 1,328,300 |
| Fiscal year 2023 recommendation | 1,328,300 |
| Compared with fiscal year 2022 | −19,740 |
| Compared with fiscal year 2023 budget request | – – – |

### OVERALL SELECTED RESERVE END STRENGTH

| | |
|---|---|
| Fiscal year 2022 authorized | 799,500 |
| Fiscal year 2023 budget request | 794,600 |
| Fiscal year 2023 recommendation | 794,600 |
| Compared with fiscal year 2022 | −4,900 |
| Compared with fiscal year 2023 budget request | – – – |

### SUMMARY OF MILITARY PERSONNEL END STRENGTH

| | Fiscal year 2023 | | | | |
|---|---|---|---|---|---|
| | Fiscal year 2022 authorized | Budget Request | Committee Recommended | Change from request | Change from fiscal year 2022 |
| Active Forces (End Strength) | | | | | |
| Army | 485,000 | 473,000 | 473,000 | – – – | −12,000 |
| Navy | 346,920 | 346,300 | 346,300 | – – – | −620 |
| Marine Corps | 178,500 | 177,000 | 177,000 | – – – | −1,500 |
| Air Force | 329,220 | 323,400 | 323,400 | – – – | −5,820 |
| Space Force | 8,400 | 8,600 | 8,600 | – – – | 200 |
| Total, Active Forces | 1,348,040 | 1,328,300 | 1,328,300 | – – – | −19,740 |
| Guard and Reserve Forces (End Strength) | | | | | |
| Army Reserve | 189,500 | 189,500 | 189,500 | – – – | 0 |
| Navy Reserve | 58,600 | 57,700 | 57,700 | – – – | −900 |
| Marine Corps Reserve | 36,800 | 33,000 | 33,000 | – – – | −3,800 |
| Air Force Reserve | 70,300 | 70,000 | 70,000 | – – – | −300 |
| Army National Guard | 336,000 | 336,000 | 336,000 | – – – | 0 |
| Air National Guard | 108,300 | 108,400 | 108,400 | – – – | 100 |

SUMMARY OF MILITARY PERSONNEL END STRENGTH—Continued

| | Fiscal year 2023 | | | | |
|---|---|---|---|---|---|
| | Fiscal year 2022 authorized | Budget Request | Committee Recommended | Change from request | Change from fiscal year 2022 |
| Total, Selected Reserve | 799,500 | 794,600 | 794,600 | – – – | – 4,900 |
| Total, Military Personnel | 2,147,540 | 2,122,900 | 2,122,900 | 0 | – 24,640 |

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 2023 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 $10,000,000.

MILITARY PERSONNEL SPECIAL INTEREST ITEMS

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

MINORITY OUTREACH AND OFFICER ACCESSIONS

Minorities remain underrepresented in the general officer ranks across the Services. To build a more diverse organization, the Committee supports efforts to conduct effective outreach and recruiting programs focused on increasing officer accessions in minority communities and encourages the Secretary of Defense and the Service Secretaries to support efforts, with both personnel and resources, to improve diversity in the military.

CULTURAL SENSITIVITY TRAINING

The Committee recognizes that the Department of Defense and the military Services have multiple cultural sensitivity training programs for military personnel. The Committee also believes in the importance of protecting servicemembers' rights regarding exercise of religion and ethnic heritage. As such, the Committee supports efforts to identify resource and personnel gaps that may exist in the Office for Diversity, Equity, and Inclusion of the Department

of Defense as well as efforts to identify existing gaps in protections for new and prospective servicemembers.

TRAUMA TRAINING PROGRAM

The Committee recognizes the valuable support that universities, hospitals, and other military partners provide by offering civilian based emergency response trauma and critical care training including public health, bio-environmental, and biomedical instruction to sustain capabilities of the National Guard Enhanced Response Forces Packages, National Guard Homeland Response Forces, and Army Reserve Consequence Management Response Forces. The Committee encourages the Director of the National Guard Bureau and the Chiefs of the reserve components to continue pursuing advanced trauma and public health training with these civilian partners in order to maintain unit readiness. The Committee also encourages the development of enhanced medical and critical care preparedness programs. The Committee directs the National Guard to continue pursuing state-of-the-art trauma training, critical care, behavioral health, public health training and other ancillary, direct training with these civilian partners, thus maintaining unit readiness postures at optimum levels as individual members maintain their skills to provide effective mitigation, intervention and prevention responses, and successful medical outcomes to trauma incidents on the homeland and abroad.

EXTREMISM IN THE MILITARY

The Office of the Director of National Intelligence's assessment found domestic violent extremists, galvanized by recent political and societal events in the United States, pose a heightened threat to the homeland. The assessment found these extremists to be motivated by a range of ideologies, including white supremacy and anti-government sentiments. Further, the assessment found that false narratives such as fraud in the general election and conspiracy theories promoting violence will almost certainly spur domestic extremists to attempt acts of violence. This is particularly troubling when coupled with the Department of Defense's assessment that found extremist groups are actively seeking to recruit military personnel or enlist their own members in the military to obtain combat and tactical experience and gain sensitive national security-related knowledge.

The Committee understands the Department is taking steps such as updating Department of Defense Instruction 1325.06 to include an expanded definition of "extremist activities" as a matter of policy. The Department's efforts to address this threat continue to be complicated by an inability to collect and track extremist activity of servicemembers, gaps in investigative and record keeping procedures, and the absence of a mechanism to report extremist behavior or attempts at recruiting military personnel by extremist groups. Moreover, previous prevention programs implemented by the Department have yielded mixed results.

As the Department continues to implement the National Strategy for Countering Domestic Terrorism, the Committee expects the Secretary of Defense to prioritize resources necessary to execute the Strategy. The Committee directs the Secretary of Defense and

the Service Secretaries to provide a report to the congressional defense committees not later than 180 days after the enactment of this Act on the Department's progress in implementing the Strategy, including the funding requirements for each effort. Further, the Committee 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 on the Department's progress on implementation of the recommendations set forth in the report provided in response to section 530 of Public Law 116–92 and dated October 14, 2020, as well as the Secretary of Defense memorandum "Immediate Actions to Counter Extremism in the Department and Establishment of the Countering Extremism Working Group" dated April 9, 2021. The Committee 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 on the Department's progress in developing improved security clearance policies, procedures, and training to ensure that individuals who adhere to extremist ideologies do not have security clearances. Finally, the Committee encourages the Secretary of Defense and the Service Secretaries to study how counseling and other support services could be leveraged to prevent and reverse extremist beliefs held by active duty military personnel who are identified or self-identify as endorsing white supremacist or violent anti-government ideologies.

SUICIDE PREVENTION PROGRAM IMPLEMENTATION OVERSIGHT

In accordance with the U.S. Government Accountability Office (GAO) recommendations to address certain implementation gaps in the suicide prevention program (GAO–22–105888), the Committee directs the Secretaries of the Army, Navy, and Marine Corps to establish oversight mechanisms to help ensure that all command and installation level suicide prevention program activities are implemented as required across all installations and commands, including remote overseas installations. This is to ensure that servicemembers and dependents have access to suicide prevention resources or that suicide prevention procedures are followed in accordance with the Department and Services policies.

RECRUITMENT AND RETENTION OF WOMEN

The Committee recognizes that the Department has stated that the recruitment and retention of women is an important priority. Military personnel should reflect the nation's population. However, the percentage of active duty personnel who are female remains below 25 percent. The Committee directs the Secretary of Defense, in conjunction with the Services, to develop clear guidance for monitoring and guiding the Services' efforts to recruit and retain female active duty servicemembers, including establishing goals, performance measures, and timeframes for the implementation of such guidance. The Committee further directs the Secretary of Defense, and the Service Secretaries to brief the House and Senate Appropriations Committees on their efforts relating to the recruitment and retention of women not later than 90 days after the enactment of this Act.

MILITARY SPOUSES

The Committee recognizes the need for comprehensive data measuring employment among military spouses over time. The Committee encourages the Department of Defense, in collaboration with the Bureau of Labor Statistics, to assess the potential for measuring labor market outcomes and characteristics of military spouses with existing survey data and explore options for modifying such surveys to capture this population.

MARINE CORPS FORCE DESIGN

The Committee supports the ongoing modernization effort and recognizes that such a shift requires substantial adjustments in how the Marine Corps organizes, trains, and equips, moving away from traditional platforms in pursuit of a more resilient forward-deployed posture. The Committee directs the Secretary of the Navy, in conjunction with the Commandant of the Marine Corps, to provide a briefing to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act which details the timeline for achieving such force design changes, including how the Marine Corps' modernization strategy may impact possible future force structure gaps in the next five to ten years.

SEXUAL ASSAULT PREVENTION AND RESPONSE

Sexual assault and sexual harassment in the military and at the Service academies have reached crisis proportions. The Fort Hood Independent Review Committee Report details the failures of senior leaders to create a safe and professional environment for all servicemembers and the failure at the command level to prevent and punish sexual harassment and assault at the most basic level. While specific to Fort Hood, the report describes deficiencies in command climate that pervade all the Services. The report findings are emblematic of the broader culture in the military where systemic leadership failures have led to a permissive environment, resulting in higher rates of sexual assaults and harassment.

The Committee notes the President's Budget provides $479,000,000 to fully implement the recommendations of the Independent Review Commission on Sexual Assault and Sexual Harassment. The Committee recommendation includes full funding for this effort.

In addition, the Committee recommendation includes $47,000,000 for the Special Victims' Counsel program for transfer to the Services, including the National Guard and reserve components.

MILITARY FAMILIES AND FOOD INSECURITY

The Committee is concerned by the alarming rate of food insecurity faced by military families. While servicemembers and their families may have access to government food assistance, their ability to qualify can vary by program and location, forcing servicemembers to seek charitable food assistance or limit the ability to eat healthy or nutritious food. The coronavirus pandemic and its economic repercussions have only magnified the problem of food insecurity experienced by military families. For National Guard

and reserve personnel, the past year of near constant deployments to respond to the pandemic, civil unrest, and natural disasters has exacerbated the problem of food insecurity. Recent data from the United States Census Bureau found hunger among the Guard and reserve military personnel is more than double the national rate. The Committee notes the Secretary of Defense is required to submit a report providing an assessment of the current extent of food insecurity among servicemembers and their dependents as directed by the National Defense Authorization Act for Fiscal Year 2022. The Committee directs the Secretary of Defense to provide the report to the House and Senate Appropriations Committees in conjunction with its submission to the House and Senate Armed Services Committees and to provide a briefing to the House and Senate Appropriations Committees not later than 30 days after the submission of the report.

### ASSISTANCE TO SERVICE MEMBERS

The Committee supports the Air Force's initiative to help servicemembers and their families from states that have enacted anti-lesbian, gay, bisexual, transgender, queer, and intersex, plus, legislation and encourages the Secretary of Defense to implement similar policies Department-wide.

### NONDISCLOSURE AGREEMENTS

The Committee urges the Secretary of Defense to amend the Defense Federal Acquisition Regulation Supplement to require procurement solicitations and contracts to include a clause prohibiting a contractor from requiring their employees or independent subcontractors to enter into a non-disparagement or non-disclosure agreement related to workplace harassment as a condition of employment, including sexual harassment, sexual assault, or retaliation for reporting, resisting, opposing, or otherwise participating in a workplace harassment proceeding.

## MILITARY PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $50,305,255,000 |
| Committee recommendation | 50,144,455,000 |
| Change from budget request | −160,800,000 |

The Committee recommends an appropriation of $50,144,455,000 for Military Personnel, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | BASIC PAY | 8,689,619 | 8,689,619 | 0 |
| 10 | RETIRED PAY ACCRUAL | 3,125,891 | 3,125,891 | 0 |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 88,023 | 88,023 | 0 |
| 25 | BASIC ALLOWANCE FOR HOUSING | 2,530,707 | 2,530,707 | 0 |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 342,438 | 342,438 | 0 |
| 35 | INCENTIVE PAYS | 103,111 | 103,111 | 0 |
| 40 | SPECIAL PAYS | 368,226 | 368,226 | 0 |
| 45 | ALLOWANCES | 187,440 | 187,440 | 0 |
| 50 | SEPARATION PAY | 73,246 | 73,246 | 0 |
| 55 | SOCIAL SECURITY TAX | 663,067 | 663,067 | 0 |
| 60 | BASIC PAY | 15,835,980 | 15,835,980 | 0 |
| 65 | RETIRED PAY ACCRUAL | 5,719,856 | 5,719,856 | 0 |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 258,147 | 258,147 | 0 |
| 80 | BASIC ALLOWANCE FOR HOUSING | 5,367,592 | 5,367,592 | 0 |
| 85 | INCENTIVE PAYS | 88,064 | 88,064 | 0 |
| 90 | SPECIAL PAYS | 720,050 | 720,050 | 0 |
| 95 | ALLOWANCES | 704,619 | 704,619 | 0 |
| 100 | SEPARATION PAY | 291,756 | 291,756 | 0 |
| 105 | SOCIAL SECURITY TAX | 1,211,452 | 1,211,452 | 0 |
| 110 | ACADEMY CADETS | 101,808 | 101,808 | 0 |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 1,408,398 | 1,408,398 | 0 |
| 120 | SUBSISTENCE-IN-KIND | 756,055 | 756,055 | 0 |
| 125 | ACCESSION TRAVEL | 138,210 | 138,210 | 0 |
| 130 | TRAINING TRAVEL | 172,155 | 172,155 | 0 |
| 135 | OPERATIONAL TRAVEL | 476,368 | 476,368 | 0 |

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 140 | ROTATIONAL TRAVEL | 678,677 | 678,677 | 0 |
| 145 | SEPARATION TRAVEL | 225,192 | 225,192 | 0 |
| 150 | TRAVEL OF ORGANIZED UNITS | 2,369 | 2,369 | 0 |
| 155 | NON-TEMPORARY STORAGE | 8,744 | 8,744 | 0 |
| 160 | TEMPORARY LODGING EXPENSE | 30,800 | 30,800 | 0 |
| 170 | APPREHENSION OF MILITARY DESERTERS | 130 | 130 | 0 |
| 175 | INTEREST ON UNIFORMED SERVICES SAVINGS | 2,358 | 2,358 | 0 |
| 180 | DEATH GRATUITIES | 49,200 | 49,200 | 0 |
| 185 | UNEMPLOYMENT BENEFITS | 85,484 | 85,484 | 0 |
| 195 | EDUCATION BENEFITS | 11 | 11 | 0 |
| 200 | ADOPTION EXPENSES | 526 | 526 | 0 |
| 210 | TRANSPORTATION SUBSIDY | 10,728 | 10,728 | 0 |
| 215 | PARTIAL DISLOCATION ALLOWANCE | 98 | 98 | 0 |
| 216 | SGLI EXTRA HAZARD PAYMENTS | 3,521 | 3,521 | 0 |
| 217 | RESERVE OFFICERS TRAINING CORPS (ROTC) | 102,255 | 102,255 | 0 |
| 218 | JUNIOR ROTC | 24,660 | 24,660 | 0 |
| 219 | TRAUMATIC INJURY PROTECTION COVERAGE (T-SGLI) | 500 | 500 | 0 |
| | LESS REIMBURSABLES | -342,276 | -342,276 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -160,800 | -160,800 |
| | Historical unobligated balances | | -160,800 | |
| 300 | HEALTH CARE CONTRIBUTION - OFFICERS | 535,933 | 535,933 | 0 |
| 300 | HEALTH CARE CONTRIBUTION - ENLISTED | 2,158,238 | 2,158,238 | 0 |

## MILITARY PERSONNEL, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $36,629,226,000 |
| Committee recommendation | 36,244,037,000 |
| Change from budget request | −385,189,000 |

The Committee recommends an appropriation of $36,244,037,000 for Military Personnel, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | BASIC PAY | 5,159,618 | 5,159,618 | 0 |
| 10 | RETIRED PAY ACCRUAL | 1,896,069 | 1,896,069 | 0 |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 66,077 | 66,077 | 0 |
| 25 | BASIC ALLOWANCE FOR HOUSING | 1,762,103 | 1,762,103 | 0 |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 197,763 | 197,763 | 0 |
| 35 | INCENTIVE PAYS | 160,679 | 160,679 | 0 |
| 40 | SPECIAL PAYS | 473,069 | 473,069 | 0 |
| 45 | ALLOWANCES | 123,399 | 123,399 | 0 |
| 50 | SEPARATION PAY | 58,370 | 58,370 | 0 |
| 55 | SOCIAL SECURITY TAX | 393,882 | 393,882 | 0 |
| 60 | BASIC PAY | 11,631,449 | 11,631,449 | 0 |
| 65 | RETIRED PAY ACCRUAL | 4,283,545 | 4,283,545 | 0 |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 183,647 | 183,647 | 0 |
| 80 | BASIC ALLOWANCE FOR HOUSING | 5,368,651 | 5,368,651 | 0 |
| 85 | INCENTIVE PAYS | 118,029 | 118,029 | 0 |
| 90 | SPECIAL PAYS | 1,085,609 | 1,085,609 | 0 |
| 95 | ALLOWANCES | 546,816 | 546,816 | 0 |
| 100 | SEPARATION PAY | 116,937 | 116,937 | 0 |
| 105 | SOCIAL SECURITY TAX | 889,825 | 889,825 | 0 |
| 110 | MIDSHIPMEN | 102,772 | 102,772 | 0 |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 979,326 | 979,326 | 0 |
| 120 | SUBSISTENCE-IN-KIND | 464,095 | 464,095 | 0 |
| 121 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 5 | 5 | 0 |
| 125 | ACCESSION TRAVEL | 96,540 | 96,540 | 0 |
| 130 | TRAINING TRAVEL | 105,554 | 105,554 | 0 |

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 135 OPERATIONAL TRAVEL | 277,373 | 277,373 | 0 |
| 140 ROTATIONAL TRAVEL | 233,664 | 233,664 | 0 |
| 145 SEPARATION TRAVEL | 135,929 | 135,929 | 0 |
| 150 TRAVEL OF ORGANIZED UNITS | 30,867 | 30,867 | 0 |
| 155 NON-TEMPORARY STORAGE | 15,647 | 15,647 | 0 |
| 160 TEMPORARY LODGING EXPENSE | 20,926 | 20,926 | 0 |
| 170 APPREHENSION OF MILITARY DESERTERS | 55 | 55 | 0 |
| 175 INTEREST ON UNIFORMED SERVICES SAVINGS | 664 | 664 | 0 |
| 180 DEATH GRATUITIES | 21,200 | 21,200 | 0 |
| 185 UNEMPLOYMENT BENEFITS | 38,528 | 38,528 | 0 |
| 195 EDUCATION BENEFITS | 543 | 543 | 0 |
| 200 ADOPTION EXPENSES | 126 | 126 | 0 |
| 210 TRANSPORTATION SUBSIDY | 3,168 | 3,168 | 0 |
| 215 PARTIAL DISLOCATION ALLOWANCE | 16 | 16 | 0 |
| 216 SGLI EXTRA HAZARD PAYMENTS | 3,805 | 3,805 | 0 |
| 217 RESERVE OFFICERS TRAINING CORPS (ROTC) | 22,926 | 22,926 | 0 |
| 218 JUNIOR ROTC | 15,924 | 15,924 | 0 |
| LESS REIMBURSABLES | -455,964 | -455,964 | 0 |
| UNDISTRIBUTED ADJUSTMENT | 0 | -385,189 | -385,189 |
| Historical unobligated balances | | -385,189 | |
| 300 HEALTH CARE CONTRIBUTION - OFFICERS | 328,907 | 328,907 | 0 |
| 300 HEALTH CARE CONTRIBUTION - ENLISTED | 1,657,214 | 1,657,214 | 0 |

## MILITARY PERSONNEL, MARINE CORPS

| | |
|---|---|
| Fiscal year 2023 budget request | $15,330,068,000 |
| Committee recommendation | 15,230,772,000 |
| Change from budget request | −99,296,000 |

The Committee recommends an appropriation of $15,230,772,000 for Military Personnel, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | BASIC PAY | 1,891,628 | 1,891,628 | 0 |
| 10 | RETIRED PAY ACCRUAL | 696,947 | 696,947 | 0 |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 30,075 | 30,075 | 0 |
| 25 | BASIC ALLOWANCE FOR HOUSING | 619,108 | 619,108 | 0 |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 75,580 | 75,580 | 0 |
| 35 | INCENTIVE PAYS | 53,336 | 53,336 | 0 |
| 40 | SPECIAL PAYS | 14,076 | 14,076 | 0 |
| 45 | ALLOWANCES | 40,497 | 40,497 | 0 |
| 50 | SEPARATION PAY | 20,244 | 20,244 | 0 |
| 55 | SOCIAL SECURITY TAX | 140,210 | 140,210 | 0 |
| 60 | BASIC PAY | 5,548,684 | 5,548,684 | 0 |
| 65 | RETIRED PAY ACCRUAL | 2,042,496 | 2,042,496 | 0 |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 150,520 | 150,520 | 0 |
| 80 | BASIC ALLOWANCE FOR HOUSING | 1,711,955 | 1,711,955 | 0 |
| 85 | INCENTIVE PAYS | 8,881 | 8,881 | 0 |
| 90 | SPECIAL PAYS | 213,348 | 213,348 | 0 |
| 95 | ALLOWANCES | 307,453 | 307,453 | 0 |
| 100 | SEPARATION PAY | 101,202 | 101,202 | 0 |
| 105 | SOCIAL SECURITY TAX | 424,068 | 424,068 | 0 |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 453,167 | 453,167 | 0 |
| 120 | SUBSISTENCE-IN-KIND | 344,323 | 344,323 | 0 |
| 121 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 10 | 10 | 0 |
| 125 | ACCESSION TRAVEL | 49,648 | 49,648 | 0 |
| 130 | TRAINING TRAVEL | 18,820 | 18,820 | 0 |
| 135 | OPERATIONAL TRAVEL | 161,027 | 161,027 | 0 |

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 140 | ROTATIONAL TRAVEL | 89,215 | 89,215 | 0 |
| 145 | SEPARATION TRAVEL | 87,105 | 87,105 | 0 |
| 150 | TRAVEL OF ORGANIZED UNITS | 1,116 | 1,116 | 0 |
| 155 | NON-TEMPORARY STORAGE | 10,380 | 10,380 | 0 |
| 160 | TEMPORARY LODGING EXPENSE | 2,180 | 2,180 | 0 |
| 170 | APPREHENSION OF MILITARY DESERTERS | 250 | 250 | 0 |
| 175 | INTEREST ON UNIFORMED SERVICES SAVINGS | 126 | 126 | 0 |
| 180 | DEATH GRATUITIES | 13,400 | 13,400 | 0 |
| 185 | UNEMPLOYMENT BENEFITS | 31,089 | 31,089 | 0 |
| 195 | EDUCATION BENEFITS | 1 | 1 | 0 |
| 200 | ADOPTION EXPENSES | 70 | 70 | 0 |
| 210 | TRANSPORTATION SUBSIDY | 1,529 | 1,529 | 0 |
| 215 | PARTIAL DISLOCATION ALLOWANCE | 9 | 9 | 0 |
| 216 | SGLI EXTRA HAZARD PAYMENTS | 2,319 | 2,319 | 0 |
| 218 | JUNIOR ROTC | 3,999 | 3,999 | 0 |
| | LESS REIMBURSABLES | -30,023 | -30,023 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -99,296 | -99,296 |
| | Historical unobligated balances | | -99,296 | |
| 300 | HEALTH CARE CONTRIBUTION - OFFICERS | 126,511 | 126,511 | 0 |
| 300 | HEALTH CARE CONTRIBUTION - ENLISTED | 900,862 | 900,862 | 0 |

## MILITARY PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $35,140,287,000 |
| Committee recommendation | 35,060,287,000 |
| Change from budget request | −80,000,000 |

The Committee recommends an appropriation of $35,060,287,000 for Military Personnel, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | BASIC PAY | 5,811,078 | 5,811,078 | 0 |
| 10 | RETIRED PAY ACCRUAL | 2,106,760 | 2,106,760 | 0 |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 70,764 | 70,764 | 0 |
| 25 | BASIC ALLOWANCE FOR HOUSING | 1,737,650 | 1,737,650 | 0 |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 220,818 | 220,818 | 0 |
| 35 | INCENTIVE PAYS | 387,163 | 387,163 | 0 |
| 40 | SPECIAL PAYS | 365,878 | 365,878 | 0 |
| 45 | ALLOWANCES | 128,513 | 128,513 | 0 |
| 50 | SEPARATION PAY | 42,327 | 42,327 | 0 |
| 55 | SOCIAL SECURITY TAX | 443,862 | 443,862 | 0 |
| 60 | BASIC PAY | 10,868,244 | 10,868,244 | 0 |
| 65 | RETIRED PAY ACCRUAL | 3,950,240 | 3,950,240 | 0 |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 149,927 | 149,927 | 0 |
| 80 | BASIC ALLOWANCE FOR HOUSING | 4,482,320 | 4,482,320 | 0 |
| 85 | INCENTIVE PAYS | 66,124 | 66,124 | 0 |
| 90 | SPECIAL PAYS | 372,403 | 372,403 | 0 |
| 95 | ALLOWANCES | 663,448 | 663,448 | 0 |
| 100 | SEPARATION PAY | 98,310 | 98,310 | 0 |
| 105 | SOCIAL SECURITY TAX | 831,420 | 831,420 | 0 |
| 110 | ACADEMY CADETS | 90,350 | 90,350 | 0 |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 1,199,558 | 1,199,558 | 0 |
| 120 | SUBSISTENCE-IN-KIND | 296,024 | 296,024 | 0 |
| 125 | ACCESSION TRAVEL | 92,491 | 92,491 | 0 |
| 130 | TRAINING TRAVEL | 59,414 | 59,414 | 0 |
| 135 | OPERATIONAL TRAVEL | 298,434 | 298,434 | 0 |

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 140 ROTATIONAL TRAVEL | 457,026 | 457,026 | 0 |
| 145 SEPARATION TRAVEL | 143,126 | 143,126 | 0 |
| 150 TRAVEL OF ORGANIZED UNITS | 2,844 | 2,844 | 0 |
| 155 NON-TEMPORARY STORAGE | 42,406 | 42,406 | 0 |
| 160 TEMPORARY LODGING EXPENSE | 21,026 | 21,026 | 0 |
| 170 APPREHENSION OF MILITARY DESERTERS | 25 | 25 | 0 |
| 175 INTEREST ON UNIFORMED SERVICES SAVINGS | 1,603 | 1,603 | 0 |
| 180 DEATH GRATUITIES | 18,700 | 18,700 | 0 |
| 185 UNEMPLOYMENT BENEFITS | 28,267 | 28,267 | 0 |
| 200 ADOPTION EXPENSES | 305 | 305 | 0 |
| 210 TRANSPORTATION SUBSIDY | 2,927 | 2,927 | 0 |
| 215 PARTIAL DISLOCATION ALLOWANCE | 99 | 99 | 0 |
| 216 SGLI EXTRA HAZARD PAYMENTS | 4,767 | 4,767 | 0 |
| 217 RESERVE OFFICERS TRAINING CORPS (ROTC) | 44,609 | 44,609 | 0 |
| 218 JUNIOR ROTC | 19,812 | 19,812 | 0 |
| LESS REIMBURSABLES | -480,775 | -480,775 | 0 |
| UNDISTRIBUTED ADJUSTMENT | 0 | -80,000 | -80,000 |
| Historical unobligated balances | | -80,000 | |
| 300 HEALTH CARE CONTRIBUTION - OFFICERS | 353,964 | 353,964 | 0 |
| 300 HEALTH CARE CONTRIBUTION - ENLISTED | 1,501,369 | 1,501,369 | 0 |

## MILITARY PERSONNEL, SPACE FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $1,117,361,000 |
| Committee recommendation | 1,084,361,000 |
| Change from budget request | −33,000,000 |

The Committee recommends an appropriation of $1,084,361,000 for Military Personnel, Space Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | BASIC PAY | 393,549 | 393,549 | 0 |
| 10 | RETIRED PAY ACCRUAL | 145,221 | 145,221 | 0 |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 4,000 | 4,000 | 0 |
| 25 | BASIC ALLOWANCE FOR HOUSING | 121,963 | 121,963 | 0 |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 15,049 | 15,049 | 0 |
| 40 | SPECIAL PAYS | 1,002 | 1,002 | 0 |
| 45 | ALLOWANCES | 2,025 | 2,025 | 0 |
| 50 | SEPARATION PAY | 1,786 | 1,786 | 0 |
| 55 | SOCIAL SECURITY TAX | 30,062 | 30,062 | 0 |
| 60 | BASIC PAY | 169,954 | 169,954 | 0 |
| 65 | RETIRED PAY ACCRUAL | 62,712 | 62,712 | 0 |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 2,536 | 2,536 | 0 |
| 80 | BASIC ALLOWANCE FOR HOUSING | 89,870 | 89,870 | 0 |
| 90 | SPECIAL PAYS | 3,744 | 3,744 | 0 |
| 95 | ALLOWANCES | 6,152 | 6,152 | 0 |
| 100 | SEPARATION PAY | 213 | 213 | 0 |
| 105 | SOCIAL SECURITY TAX | 13,001 | 13,001 | 0 |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 20,539 | 20,539 | 0 |
| 125 | ACCESSION TRAVEL | 4,057 | 4,057 | 0 |
| 130 | TRAINING TRAVEL | 2,554 | 2,554 | 0 |
| 135 | OPERATIONAL TRAVEL | 17,212 | 17,212 | 0 |
| 140 | ROTATIONAL TRAVEL | 1,994 | 1,994 | 0 |
| 145 | SEPARATION TRAVEL | 5,267 | 5,267 | 0 |
| 150 | TRAVEL OF ORGANIZED UNITS | 89 | 89 | 0 |
| 155 | NON-TEMPORARY STORAGE | 1,015 | 1,015 | 0 |

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 160 | TEMPORARY LODGING EXPENSE | 788 | 788 | 0 |
| 180 | DEATH GRATUITIES | 500 | 500 | 0 |
| 185 | UNEMPLOYMENT BENEFITS | 365 | 365 | 0 |
| 200 | ADOPTION EXPENSES | 8 | 8 | 0 |
| 210 | TRANSPORTATION SUBSIDY | 134 | 134 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -33,000 | -33,000 |
| | Historical unobligated balances | | -33,000 | |
| 300 | HEALTH CARE CONTRIBUTION - OFFICERS | 25,284 | 25,284 | 0 |
| 300 | HEALTH CARE CONTRIBUTION - ENLISTED | 23,765 | 23,765 | 0 |

## RESERVE PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $5,384,686,000 |
| Committee recommendation | 5,374,686,000 |
| Change from budget request | −10,000,000 |

The Committee recommends an appropriation of $5,374,686,000 for Reserve Personnel, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 1,709,050 | 1,709,050 | 0 |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY) | 49,447 | 49,447 | 0 |
| 30 | PAY GROUP F TRAINING (RECRUITS) | 225,142 | 225,142 | 0 |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 8,917 | 8,917 | 0 |
| 60 | MOBILIZATION TRAINING | 3,008 | 3,008 | 0 |
| 70 | SCHOOL TRAINING | 238,162 | 238,162 | 0 |
| 80 | SPECIAL TRAINING | 359,443 | 359,443 | 0 |
| 90 | ADMINISTRATION AND SUPPORT | 2,654,243 | 2,654,243 | 0 |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 19,955 | 19,955 | 0 |
| 100 | EDUCATION BENEFITS | 10,008 | 10,008 | 0 |
| 120 | HEALTH PROFESSION SCHOLARSHIP | 64,520 | 64,520 | 0 |
| 130 | OTHER PROGRAMS (ADMIN & SUPPORT) | 42,791 | 42,791 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -10,000 | -10,000 |
| | Historical unobligated balances | | -10,000 | |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT | 489,923 | 489,923 | 0 |

## RESERVE PERSONNEL, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $2,410,777,000 |
| Committee recommendation | 2,400,777,000 |
| Change from budget request | −10,000,000 |

The Committee recommends an appropriation of $2,400,777,000 for Reserve Personnel, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 776,312 | 776,312 | 0 |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY) | 10,835 | 10,835 | 0 |
| 30 | PAY GROUP F TRAINING (RECRUITS) | 56,507 | 56,507 | 0 |
| 60 | MOBILIZATION TRAINING | 15,177 | 15,177 | 0 |
| 70 | SCHOOL TRAINING | 57,990 | 57,990 | 0 |
| 80 | SPECIAL TRAINING | 173,288 | 173,288 | 0 |
| 90 | ADMINISTRATION AND SUPPORT | 1,252,436 | 1,252,436 | 0 |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 7,155 | 7,155 | 0 |
| 100 | EDUCATION BENEFITS | 130 | 130 | 0 |
| 120 | HEALTH PROFESSION SCHOLARSHIP | 60,947 | 60,947 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -10,000 | -10,000 |
| | Historical unobligated balances | | -10,000 | |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT | 167,928 | 167,928 | 0 |

## RESERVE PERSONNEL, MARINE CORPS

| | |
|---|---|
| Fiscal year 2023 budget request | $849,942,000 |
| Committee recommendation | 839,942,000 |
| Change from budget request | −10,000,000 |

The Committee recommends an appropriation of $839,942,000 for Reserve Personnel, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 234,658 | 234,658 | 0 |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY) | 46,424 | 46,424 | 0 |
| 30 | PAY GROUP F TRAINING (RECRUITS) | 152,649 | 152,649 | 0 |
| 60 | MOBILIZATION TRAINING | 1,461 | 1,461 | 0 |
| 70 | SCHOOL TRAINING | 24,312 | 24,312 | 0 |
| 80 | SPECIAL TRAINING | 64,417 | 64,417 | 0 |
| 90 | ADMINISTRATION AND SUPPORT | 306,725 | 306,725 | 0 |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 6,615 | 6,615 | 0 |
| 95 | PLATOON LEADER CLASS | 6,907 | 6,907 | 0 |
| 100 | EDUCATION BENEFITS | 5,774 | 5,774 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -10,000 | -10,000 |
| | Historical unobligated balances | | -10,000 | |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT | 82,870 | 82,870 | 0 |

## RESERVE PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $2,519,878,000 |
| Committee recommendation | 2,509,878,000 |
| Change from budget request | −10,000,000 |

The Committee recommends an appropriation of $2,509,878,000 for Reserve Personnel, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 744,411 | 744,411 | 0 |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY) | 107,354 | 107,354 | 0 |
| 30 | PAY GROUP F TRAINING (RECRUITS) | 72,181 | 72,181 | 0 |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 5,194 | 5,194 | 0 |
| 60 | MOBILIZATION TRAINING | 570 | 570 | 0 |
| 70 | SCHOOL TRAINING | 221,731 | 221,731 | 0 |
| 80 | SPECIAL TRAINING | 351,425 | 351,425 | 0 |
| 90 | ADMINISTRATION AND SUPPORT | 928,379 | 928,379 | 0 |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 10,621 | 10,621 | 0 |
| 100 | EDUCATION BENEFITS | 10,950 | 10,950 | 0 |
| 120 | HEALTH PROFESSION SCHOLARSHIP | 64,130 | 64,130 | 0 |
| 130 | OTHER PROGRAMS (ADMIN & SUPPORT) | 2,932 | 2,932 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -10,000 | -10,000 |
| | Historical unobligated balances | | -10,000 | |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT | 180,701 | 180,701 | 0 |

## NATIONAL GUARD PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $9,324,813,000 |
| Committee recommendation | 9,324,213,000 |
| Change from budget request | −600,000 |

The Committee recommends an appropriation of $9,324,213,000 for National Guard Personnel, Army which will provide the following program in fiscal year 2023:

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

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 2,657,734 | 2,657,734 | 0 |
| 30 | PAY GROUP F TRAINING (RECRUITS) | 552,298 | 552,298 | 0 |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 47,941 | 47,941 | 0 |
| 70 | SCHOOL TRAINING | 587,537 | 587,537 | 0 |
| 80 | SPECIAL TRAINING | 757,064 | 766,764 | 9,700 |
| | Program Increase - State Partnership Program | | 9,700 | |
| 90 | ADMINISTRATION AND SUPPORT | 4,642,452 | 4,642,452 | 0 |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 70,700 | 70,700 | 0 |
| 100 | EDUCATION BENEFITS | 9,087 | 9,087 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -10,300 | -10,300 |
| | Historical unobligated balances | | -20,000 | |
| | Program Increase - trauma | | 1,200 | |
| | Program Increase - Exercise Northern Strike | | 8,500 | |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT | 874,195 | 874,195 | 0 |

## NATIONAL GUARD PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $5,127,335,000 |
| Committee recommendation | 5,123,235,000 |
| Change from budget request | −4,100,000 |

The Committee recommends an appropriation of $5,123,235,000 for National Guard Personnel, Air Force which will provide the following program in fiscal year 2023:

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

| M-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 934,473 | 934,473 | 0 |
| 30 | PAY GROUP F TRAINING (RECRUITS) | 147,492 | 147,492 | 0 |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 5,808 | 5,808 | 0 |
| 70 | SCHOOL TRAINING | 380,343 | 380,343 | 0 |
| 80 | SPECIAL TRAINING | 267,431 | 270,931 | 3,500 |
| | Program Increase - State Partnership Program | | 3,500 | |
| 90 | ADMINISTRATION AND SUPPORT | 3,363,168 | 3,363,168 | 0 |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 19,559 | 19,559 | 0 |
| 100 | EDUCATION BENEFITS | 9,061 | 9,061 | 0 |
| | UNDISTRIBUTED ADJUSTMENT | 0 | -7,600 | -7,600 |
| | Historical unobligated balances | | -12,000 | |
| | Program Increase - trauma | | 2,400 | |
| | Program Increase - Exercise Northern Strike | | 2,000 | |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT | 336,040 | 336,040 | 0 |

# TITLE II

## OPERATION AND MAINTENANCE

The fiscal year 2023 Department of Defense operation and maintenance budget request totals $270,208,500,000. The Committee recommendation provides $269,360,279,000 for the operation and maintenance accounts. The table below summarizes the Committee recommendations:

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| OPERATION & MAINTENANCE, ARMY | 58,117,556 | 57,583,205 | -534,351 |
| OPERATION & MAINTENANCE, NAVY | 66,151,951 | 65,775,711 | -376,240 |
| OPERATION & MAINTENANCE, MARINE CORPS | 9,660,944 | 9,638,125 | -22,819 |
| OPERATION & MAINTENANCE, AIR FORCE | 58,281,242 | 58,038,438 | -242,804 |
| OPERATION & MAINTENANCE, SPACE FORCE | 4,034,658 | 3,967,658 | -67,000 |
| OPERATION & MAINTENANCE, DEFENSE-WIDE | 48,406,516 | 48,663,571 | +257,055 |
| COUNTER ISIS TRAIN AND EQUIP FUND (CTEF) | 541,692 | 450,000 | -91,692 |
| OPERATION & MAINTENANCE, ARMY RESERVE | 3,228,504 | 3,169,504 | -59,000 |
| OPERATION & MAINTENANCE, NAVY RESERVE | 1,228,300 | 1,216,300 | -12,000 |
| OPERATION & MAINTENANCE, MARINE CORPS RESERVE | 304,233 | 340,733 | +36,500 |
| OPERATION & MAINTENANCE, AIR FORCE RESERVE | 3,564,544 | 3,535,544 | -29,000 |
| OPERATION & MAINTENANCE, ARMY NATIONAL GUARD | 8,157,237 | 8,094,937 | -62,300 |
| OPERATION & MAINTENANCE, AIR NATIONAL GUARD | 6,900,679 | 6,908,979 | +8,300 |
| UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES | 16,003 | 16,003 | --- |
| ENVIRONMENTAL RESTORATION, ARMY | 196,244 | 273,700 | +77,456 |
| ENVIRONMENTAL RESTORATION, NAVY | 359,348 | 390,113 | +30,765 |
| ENVIRONMENTAL RESTORATION, AIR FORCE | 314,474 | 438,810 | +124,336 |
| ENVIRONMENTAL RESTORATION, DEFENSE-WIDE | 8,924 | 10,979 | +2,055 |
| ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES | 227,262 | 292,580 | +65,318 |
| OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID | 112,800 | 150,000 | +37,200 |
| COOPERATIVE THREAT REDUCTION ACCOUNT | 341,598 | 351,598 | +10,000 |
| DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 53,791 | 53,791 | --- |
| GRAND TOTAL, OPERATION & MAINTENANCE | 270,208,500 | 269,360,279 | -848,221 |

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 2023 appropriation accounts not later than 60 days after the enactment of this Act. The Secretary of Defense is prohibited from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until this report is submitted to the House and Senate Defense Appropriations Subcommittees.

The Secretary of Defense is directed to use the normal prior approval reprogramming procedures to transfer funds in the Services' operation and maintenance accounts between O–1 budget activities, or between sub-activity groups in the case of Operation and Maintenance, Defense-Wide, in excess of $10,000,000. In addition, the Secretary of Defense shall follow prior approval reprogramming procedures for transfers in excess of $10,000,000 out of the following readiness sub-activity groups:

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

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

*Marine Corps:*
Operational forces
Field logistics
Depot maintenance
Facilities sustainment, restoration, and modernization

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

*Space Force:*
Global C3l and early warning

Space operations
Contractor logistics support and system support
Administration

Additionally, the Secretary of Defense is directed to use normal prior approval reprogramming procedures when implementing transfers in excess of $10,000,000 into the following budget sub-activities:

*Air Force:*
Base support

*Operation and Maintenance, Army National Guard:*
Base operations support
Facilities sustainment, restoration, and modernization

*Operation and Maintenance, Air National Guard:*
Aircraft operations
Contractor logistics support and systems support

REPROGRAMMING GUIDANCE FOR SPECIAL OPERATIONS COMMAND

The Committee directs the Secretary of Defense to submit a baseline report that shows the Special Operations Command's operation and maintenance funding by sub-activity group for the fiscal year 2023 appropriation not later than 60 days after the enactment of this Act. The Secretary of Defense is further directed to submit quarterly execution reports to the congressional defense committees not later than 45 days after the end of each fiscal quarter that addresses the rationale for the realignment of any funds within and between budget sub-activities and the movement of any base funds used to support overseas contingency operations. Finally, the Secretary of Defense is directed to notify the congressional defense committees 30 days prior to the realignment of funds in excess of $10,000,000 between sub-activity groups.

OPERATION AND MAINTENANCE SPECIAL INTEREST ITEMS

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

QUARTERLY OPERATION AND MAINTENANCE UPDATES

Regular interaction with each of the Services' financial management offices enhances the ability of the Committee to perform its essential oversight responsibilities. Through these interactions, the Committee gains a better understanding of the challenges each of the Services face with the obligation and execution of their programs and contracts. The Committee notes the successful quarterly meetings this year with each of the Services and directs the Director of each of the Service's Operations Divisions (Financial Management and Budget) to continue to provide quarterly briefings to the

House and Senate Appropriations Committees on their respective operation and maintenance execution rates in fiscal year 2023.

COMBATANT COMMANDS AND NATURAL RESOURCE PROGRAMS

The Committee recommendation includes $35,000,000 for the combatant commands to partner with the United States Forest Service in support of international programs that support national security priorities related to the destabilizing effects of extreme weather conditions.

NATIONAL DISASTERS

The Committee directs the Secretary of Defense and the Chief of the National Guard Bureau to provide a briefing to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act on how the Department of Defense may more effectively and efficiently apportion National Guard forces when faced with domestic wildfires, floods and hurricanes, especially those that may place a heightened risk to highly populated areas prone to such disasters. The briefing shall focus on whether the number of members of the National Guard is sufficient to meet the requirements of their domestic responses and shifting populations.

BISON MEAT

The Committee understands that bison meat is a healthy and nutritional food choice that is also a sustainable American produced food source. The Committee directs the Secretary of Defense and the Service Secretaries to explore increasing procurement of bison meat, consistent with the Buy American Act, with the goal of procuring two million pounds of bison meat annually to promote bison as a healthy and sustainable food source and further treaty and trust responsibilities and Native American Agriculture. The Committee encourages the Secretary of Defense and the Service Secretaries to explore using the authority of the Buy Indian Act, 25 U.S.C. 47 to procure bison and other livestock products, crops, fresh fruit, and vegetable produce from Indian tribes and tribal organizations at a sustainable price.

RESTORING READINESS

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

PILOT SHORTAGES

The Committee supports efforts throughout the Department of Defense to address the shortage of pilots across the Services. The

Committee encourages the Secretary of Defense and the Service Secretaries to work with higher education institutions, including Historically Black Colleges and University, Hispanic Serving Institutions and other Minority Serving Institutions, to develop programs that will prepare more students to meet the eligibility requirements for pilot training. In addition, the Committee encourages the Secretary of the Air Force to examine university-based training for Air Force ROTC Cadets and civilian aviation students as pilots and sensor operators for remotely piloted aircraft. The Committee directs the Secretary of Defense, in coordination with the Service Secretaries, to submit a report to congressional defense committees on these efforts not later than 60 days after the enactment of this Act.

MINORITY AND WOMEN-OWNED SMALL BUSINESSES

The Committee directs the Secretary of Defense to submit a quarterly report, beginning 45 days after the enactment of this Act, to the House and Senate Appropriations Committees on its efforts to work with small minority and women-owned businesses. The report shall specify the number of minority and women-owned small businesses receiving contracts from funds appropriated under this Act, and the amount awarded to each minority and women-owned small business receiving contracts from funds appropriated under this Act. The report shall also include disaggregated data, to include gender and ethnicity, on the goods and services acquired by the Department of Defense in the United States or from sources from the United States from a for-profit entity with funds authorized to be appropriated under this Act is acquired from small business concerns owned and controlled by socially and economically disadvantaged individuals (as such term is defined in section 8(d)(3)(C) of the Small Business Act (15 U.S.C. 367(d)(3)(C)).

TRIBAL CONSULTATION

The Administration issued a Presidential Memorandum on January 26, 2021, regarding Tribal Consultation and Strengthening Nation-to-Nation Relationships. This memorandum requires agencies to create a plan of action to implement Executive Order 13175 which obligates federal agencies to consult with tribes when developing policies with tribal implications. The January 26, 2021 memorandum aligns with congressional guidance outlined in Section 2802 of P.L. 116–92, which encourages the Department of Defense to begin tribal consultations as soon as possible for any project that is likely to impact tribal lands, cultural properties, or treaty rights. The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act which outlines how the Department of Defense is upholding the requirements outlined in the January 26, 2021 Presidential Memorandum. This report should also detail the Department's efforts to work with tribal communities with a specific emphasis on the impacts of naval installations that coexist with tribal communities.

CHILDCARE

The Committee recognizes the ongoing stresses on military families trying to secure suitable childcare. Military families can face long waitlists, lengthy commutes, irregular hours, budget constraints, insufficient open hours, and prohibitive expenses. The Committee commends the Administration's efforts in the budget to alleviate these challenges. To ensure that the increases in the fiscal year 2023 budget are sufficient, the Committee directs the Secretary of Defense to continue to review existing childcare fee assistance programs, including Military Child Care in Your Neighborhood (MCCYN), Military Child Care in Your Neighborhood—PLUS (MCCYN–PLUS), and other Department of Defense childcare programs, to ensure they will meet the needs of military families with children. Upon receiving the review's results, the Secretary of Defense shall submit to the congressional defense committees a report not later than 120 days after the enactment of this Act that identifies gaps and a plan for improvements needed in the Department's childcare fee assistance programs' subsidies, accreditation requirements, and other details to better support military families.

MAINTENANCE OF FACILITIES

The Committee notes that significant investment has been made to either construct or restore Child Development Centers and unaccompanied housing units for servicemembers. It is vital that each of the Services maintain these facilities. The Committee encourages the Services Secretaries to utilize their facilities sustainment, restoration and maintenance funds for quality-of-life facilities at the highest amount possible to ensure the existing buildings are being maintained to the standards we expect for our servicemembers.

ADVERTISING

The Committee understands that, as the largest advertiser in the United States, the federal government should work to ensure fair access to its advertising contracts for small, disadvantaged businesses and businesses owned by minorities and women. The Committee directs each department and agency to include the following information in its fiscal year 2024 budget justification: expenditures for fiscal year 2023 and expected expenditures for fiscal year 2024 for all contracts for advertising services; and contracts for the advertising services of socially and economically disadvantaged small businesses concerns (as defined in section 8(a)(4) of the Small Business Act (15 U.S.C. 637(a)(4)); and women- and minority-owned businesses.

MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation supports the fiscal year 2023 request for the Defense Logistics Agency's request for meals ready-to-eat and reaffirms its support for the War Reserve stock objective of 5,000,000 cases.

MILITARY CRIMINAL INVESTIGATIVE ORGANIZATIONS

The Committee recognizes that Military Criminal Investigative Organizations (MCIOs), which include the U.S. Army Criminal In-

vestigation Division (CID), the Naval Criminal Investigative Service (NCIS), and the Air Force Office of Special Investigations (OSI), each play a critical role in bringing servicemembers who commit serious felonies to justice and in finding justice for servicemembers who are the victims of felonies. The foundation for justice is rooted in quality criminal investigations. The Committee notes the budget increases included in the fiscal year 2023 Service budget requests and directs each Service Secretary to refrain from making mid-year budget cuts to the MCIOs in fiscal year 2023.

The Committee notes the uneven processes across the MCIOs in addressing cold cases. The Committee expects best practices to be shared across each of the MCIOs, and is concerned that disincentives exist to officially close cold cases, in particular, as it will affect when the Inspector General may begin to conduct oversight. The Committee directs the Secretary of Defense to work with the Service Secretaries to develop a standard across each of the MCIOs for when closed cases should be conveyed to outside organizations for a peer review or consideration by the Inspector General. Furthermore, if a case is not solved prior to the investigators "rotating out of the unit" the Committee expects each Service Secretary to ensure standard procedures exist that guarantee an effective turnover of the case to a new investigator. Finally, the Committee encourages the Secretary of the Army to consider establishing a cold case unit similar to NCIS and OSI.

PLANT-BASED FOOD OPTIONS FOR SERVICEMEMBERS

The Committee recognizes the value of the nutritional health and well-being of servicemembers and the growing demand for plant-based foods. Therefore, the Committee encourages the Secretary of Defense to use the Food Service Guidelines for Federal Facilities, and to implement daily nutritious plant-based food options into meal choices. The Committee encourages the Secretary of Defense to use funding provided to offer at least one plant-based full-service entree option at each meal.

DISCHARGE REVIEW BOARDS

The Committee directs all Discharge Review Boards and Service respective Boards for Correction of Military Records to provide explicit information on their web pages for veterans seeking review of their discharges due to the "Don't Ask Don't Tell" (DADT) policy or similar policy in place prior to the enactment of DADT, and to ensure that such reviews are administered consistently and uniformly across all branches of the Armed Forces. The Committee directs the Secretary of Defense to provide documentation of the information on each website to the congressional defense committees not later than 90 days after the enactment of this Act.

JUSTIFICATION DOCUMENTS

The Committee is concerned that some of the justification books and documents provided by the Department of Defense and the Services do not provide an adequate accounting for the funding requested. Neither documentation from the Pacific Deterrence Initiative (PDI) nor the European Deterrence Initiative (EDI) books

match the information for additional funds included in the Services' justification documents. Nor do the descriptions of activities seem to change. In examining the documents, some of the descriptions are exactly the same year to year. Therefore, the Committee directs that the PDI and EDI justification documents be augmented with the submission of the fiscal year 2024 justification materials to include the following:

(1) Each individual activity receiving funds will include the amount of increase in funding (not an overall top line increase);

(2) Each individual activity will also include the baseline of funds from the previous fiscal year.

Each augmented program or activity will specify which service, account, subactivity group or program element line is increasing.

LANGUAGE FLAGSHIP PROGRAM

The Committee recognizes the National Security Education Program provides training for servicemembers and civilians in languages and cultures critical to national security. The Committee recommendation restores the funding removed in the budget request for this critical program and includes a total of $28,000,000 for the program. The Committee encourages the Secretary of Defense to continue supporting programs that ensure warfighters receive the language and culture training needed to effectively complete missions. Additionally, the Committee directs the Secretary of Defense to submit a spend plan for this program's funding to the House and Senate Appropriations Committees not later than 15 days prior to the obligation of funds.

The Committee is concerned about the lack of military personnel with advanced language skills and believes this could be addressed by promoting foreign language study programs targeting elementary and secondary students. The National Defense Authorization Act for Fiscal Year 2020 authorized the development of a competitive grant program to provide support to eligible entities, including Department of Defense Education Activity schools, for the establishment, improvement, or expansion of world language study for this population. In support of this program, the Committee recommendation includes an additional $15,000,000 for Department of Defense Education Activity schools. The Committee directs the Secretary of Defense to provide a detailed spend plan to the House and Senate Appropriations Committees for the implementation of the program, which should commence with the 2023–2024 academic year, not later than 45 days after the enactment of this Act.

Additionally, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than October 1, 2023 which lists the schools that receive funds, in what amount, and how the funds were executed, as well as how the Department plans to expand the program to public schools in a local education agency that hosts a unit of the Junior Reserve Officers Corps Training Center, in the following academic year.

INDIAN FINANCING ACT

The Committee recommendation includes funds for activities authorized in the Indian Financing Act of 1974 and directs the Sec-

retary of Defense to obligate such funds not later than 90 days after the enactment of this Act.

WORKFORCE DEVELOPMENT PROGRAMS

The Committee included requests for several reports in House Report 117–88 on workforce issues; unfortunately, to date, the Administration has failed to provide any of the reports. The Committee understands that the Deputy Secretary of Defense is leading a working group on the issue within the Department and is eager to learn of its activities and what, if any, of its decisions have been implemented in the Department. Therefore, the Committee directs the Deputy Secretary of Defense to provide the following reports that were required in House Report 117–88 not later than 60 days after the enactment of this Act:

(1) Under "Hard to Fill Positions," a report detailing both civilian and military hard-to-fill positions in the Department of Defense which includes how the Department of Defense's and the Services' modernization strategies may impact these needs and possible future gaps in the next five to ten years;

(2) Under "Hard to Fill Positions," the report requiring delineation of programs and funding levels relating to Career and Technical Education (CTE) and Science Technology Engineering and Math (STEM) programs in the Department of Defense and how hiring gaps in these areas impact programs and careers throughout the Department of Defense;

(3) Under "Hard to Fill Positions," an update on the establishment of the Defense CTE and STEM Education and Workforce Pipeline Strategies;

(4) Each of the reports delineated under the section "Recruiting and Retention for Hard-To-Fill Positions";

(5) The report required under "Aligning Civilian and Military Education for Workforce Development"; and

(6) The status of the "Defense Foreign Language and Cultural Competency Education and Workforce Strategy".

OPERATIONS AT JOINT-USE AIRPORTS

The Committee is aware of the important relationship between the Department of Defense, the Federal Aviation Administration (FAA) and civil airport sponsors in fostering joint civilian and military use of airports on land owned by the Department. The Committee notes that the FAA has spent over $700,000,000 in Airport Improvement Funds on infrastructure projects to accommodate joint civilian operations at Department of Defense-owned airfields. The Committee directs the Secretary of Defense to conduct a study examining airports that have existing joint-use agreements, with an emphasis on large hub commercial service airports, to be completed within 90 days after the enactment of this Act. The Secretary shall provide the congressional defense committees with the results of this study not later than 180 days after the enactment of this Act. The study shall provide insights toward the creation of a pilot program that employs Department of Defense funds to build emergency operations facilities at joint-use airports to accommodate expanded military operations.

NOISE ASSESSMENTS

The Committee appreciates the concern communities express when faced with the possibility of increased noise when new military airframes are introduced to local installations. The Committee understands that information, such as environmental impact statements that provide information on noise increases, may not be generally available tothese communities. The Department of Defense Appropriations Act, 2022, included $75,000,000 for noise mitigation tools under a program being administered by the Office of Local Defense Community Cooperation (OLDCC). The OLDCC has advised the Committee that collaboration has begun between the Federal Aviation Administration and the Department of Defense. The Committee is optimistic that this program will meet the needs of the communities involved and looks forward to continued updates from OLDCC. If State or local officials or community leaders have questions about proposed noise levels, the Committee directs the Service Secretary involved in the project to provide any environmental impact statement or official noise assessments they may have performed to the requesting entity upon request.

PER- AND POLYFLUOROALKYL SUBSTANCES MITIGATION

Addressing the health effects of PFAS continues to be a top priority for the Committee, in particular the impacts on servicemembers, their families, and local communities remain a concern. The Committee appreciates that the Department and the Services have been testing drinking water and conducting site assessments and remedial investigations to fully understand the scope and impacts of PFAS migration. Further progress may be negatively impacted by the accumulation of PFAS Investigation-Derived Waste that requires disposal with a viable on-site solution. The Committee recognizes the concerns about the health impacts of incineration of PFAS waste and the existing moratorium, but that does not eliminate the requirement for disposal. The Committee understands existing technology is coming online that has been evaluated as effective by the Environmental Protection Agency (EPA). Therefore, the Committee directs the Secretary of Defense to use the fiscal year 2023 Defense Environmental Restoration Program appropriations to determine the efficacy of whether selected technologies—such as supercritical water oxidation—are scalable, mobile, and ready for the destruction of PFAS on-site without incineration or the release of harmful byproducts.

Further, in communities where the chemicals PFAS, PFOA, and PFOS have leeched into the groundwater used for drinking in communities surrounding active and former military installations, the Committee directs the Secretary of Defense to prioritize mitigation plans that remove the chemical from the groundwater as quickly and efficiently as possible. The Secretary of Defense should give additional priority to communities located in drought-prone regions that rely on groundwater aquifers as a primary or secondary source of drinking water, including communities within a U.S. EPA-designated sole source aquifer established under Section 1424(e) of the U.S. Safe Drinking Water Act.

PERFLUOROOCTANE SULFONATE AND PERFLUOROOCTANOIC ACID EXPOSURE ASSESSMENT

The National Defense Authorization Act for Fiscal Year 2021 authorized a study and assessment of the health implications of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) contamination in drinking water. The Committee recommendation includes $15,000,000 for the study and assessment. The Committee also directs the Assistant Secretary of Defense for Energy, Installations, and Environment to submit a report to the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on the Department's strategy to execute this funding.

The Committee remains concerned about PFOS/PFOA contamination on current and former domestic military installations. As the Department conducts its exposure assessment on all installations known to have PFOS/PFOA drinking water contamination, the Committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to publicly release the measured levels of contamination found at each installation. For all remediation activities, the Department is directed to achieve a drinking water cleanup standard no higher than the threshold of the Environmental Protection Agency health advisory level (currently 70 parts per trillion) for federally controlled sites and surrounding communities whose water sources were contaminated as a result of Department activities. The Committee urges the Secretary of Defense to focus continued investments in groundwater remediation technologies that are both cost effective and efficacious.

Additionally, the Committee directs the Secretary of Defense to comply with the provisions of section 322 of the National Defense Authorization Act for Fiscal Year 2020. The Committee notes that today's currently available Aqueous Film Forming Foams (AFFF) contain Per- and Polyfluoroalkyl Substances (PFAS) and currently, none of the commercially available PFAS-free foams meet the Department's strict safety standards to rapidly extinguish dangerous fuel fires. The Committee understands that a prohibition on the use of current versions of AFFF would drastically reduce the ability of the Department's firefighters to fight fuel fires and increase risk to servicemembers and firefighters. However, due to the significant and salient public health risks associated with PFOS/PFOA contamination, the Committee urges the Secretary of Defense to expedite replacement of fluorinated AFFF throughout all branches of the military and cease use of AFFF prior to October 1, 2024.

PER- AND POLYFLUOROALKYL SUBSTANCES CLEANUP COST REPORTING

The Committee notes the creation of a Per- and Polyfluoroalkyl Substances (PFAS) Task Force to address the growing health concerns over releases of these substances and their effects on military installations and the surrounding communities. To support the Department's efforts, the Committee directs the Secretary of Defense to submit to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, and semi-annually thereafter, a report on costs associated with investigating and cleaning up PFAS at sites with funding provided by either the en-

vironmental restoration or operation and maintenance appropriation accounts. The report shall provide, for each component and by installation name, for the investigation and cleanup of PFAS; the actual obligations through the end of fiscal year 2020; the actual obligations in fiscal year 2021; the planned and actual obligations in fiscal year 2022; the planned obligations for fiscal year 2023; and the estimated cost after fiscal year 2023.

PERFLUORINATED CHEMICALS CONTAMINATION AND FIRST RESPONDER EXPOSURE

The Committee remains concerned with the health implications of exposure to perfluorinated chemicals (PFCs), including the increased rate of cancer in Department of Defense firefighter and first responder personnel. The Committee understands there are ongoing efforts to develop an alternative firefighting foam that meets military requirements and is free from PFCs that have been linked to higher rates of certain cancers. Given the lack of definitive guidance around exposure levels, the Committee encourages the Secretary of Defense to accelerate adoption of other forms of foam that meet military specifications and do not contain PFCs. Further, the Committee understands that testing for firefighters for exposure to PFCs has begun and that the Department is developing firefighter population-level summation statistics for PFCs blood sampling of firefighters. The Committee is encouraged by these efforts but believes that additional measures need to be taken. The Committee directs the Assistant Secretary of Defense for Health Affairs to provide a report to the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act on the Department's ongoing efforts to test and track potential first responder exposure to these chemicals as part of their existing annual medical surveillance exams.

TRACKING OF ENVIRONMENTAL CONTAMINANTS

The Committee recognizes the importance of the efforts of the Department of Defense to clean up environmental damages and manage environmental restoration liabilities, risks, and testing data of PFAS and other contaminants of emerging concern. Therefore, the Committee directs the Secretary of Defense to evaluate existing commercial-off-the-shelf software to more efficiently manage environmental site investigations and cleanups.

VIEQUES AND CULEBRA

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

The Committee also is concerned about public safety on the northwest peninsula of Culebra due to unexploded ordnance identi-

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

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

### TAIWAN

The Committee notes that Section 1249 of the National Defense Authorization Act for Fiscal Year 2022 (P.L. 117–81) required the Secretary of Defense to provide the congressional defense committees with a briefing on the feasibility and advisability of enhanced cooperation between the National Guard and Taiwan. The Committee understands that the Secretary of Defense continues to assess the feasibility of enhancing the relationship between the National Guard and Taiwan. Given the possible impact of this decision, the Committee directs the Secretary of Defense to brief the congressional defense committees with an update on these determinations not later than September 30, 2022.

## OPERATION AND MAINTENANCE, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $58,117,556,000 |
| Committee recommendation | 57,583,205,000 |
| Change from budget request | −534,351,000 |

The Committee recommends an appropriation of $57,583,205,000 for Operation and Maintenance, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **111 MANEUVER UNITS** | **4,506,811** | **4,306,811** | **-200,000** |
| Unjustified growth | | -200,000 | |
| **112 MODULAR SUPPORT BRIGADES** | **177,136** | **170,636** | **-6,500** |
| Unjustified growth | | -6,500 | |
| **113 ECHELONS ABOVE BRIGADES** | **894,629** | **874,129** | **-20,500** |
| Unjustified growth | | -20,500 | |
| **114 THEATER LEVEL ASSETS** | **2,570,949** | **2,564,449** | **-6,500** |
| Unjustified growth | | -6,500 | |
| **115 LAND FORCES OPERATIONS SUPPORT** | **1,184,230** | **1,184,230** | **0** |
| **116 AVIATION ASSETS** | **2,220,817** | **2,120,817** | **-100,000** |
| Unjustified growth | | -100,000 | |
| **121 FORCE READINESS OPERATIONS SUPPORT** | **7,366,299** | **7,432,699** | **66,400** |
| Program increase - camouflage | | 30,000 | |
| Program increase - Arctic organization clothing and individual equipment | | 32,500 | |
| Program increase - female body armor | | 32,500 | |
| Program increase - restore Army information technology cut | | 21,400 | |
| Unjustified growth | | -50,000 | |
| **122 LAND FORCES SYSTEMS READINESS** | **483,683** | **483,683** | **0** |
| **123 LAND FORCES DEPOT MAINTENANCE** | **1,399,173** | **1,399,173** | **0** |
| **124 MEDICAL READINESS** | **897,522** | **897,522** | **0** |
| **131 BASE OPERATIONS SUPPORT** | **9,330,325** | **9,281,325** | **-49,000** |
| Program increase - renaming institutions | | 1,000 | |
| Unjustified growth | | -50,000 | |
| **132 FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION** | **4,666,658** | **4,666,658** | **0** |
| **133 MANAGEMENT AND OPERATIONAL HEADQUARTERS** | **284,483** | **274,983** | **-9,500** |
| Unjustified growth - headquarters | | -9,500 | |
| **135 ADDITIONAL ACTIVITIES** | **450,348** | **450,348** | **0** |
| **137 RESET** | **383,360** | **383,360** | **0** |
| **141 US AFRICA COMMAND** | **385,685** | **441,025** | **55,340** |
| Program increase - P.L. 115-68 | | 340 | |
| Program increase - natural resource management | | 5,000 | |
| Program increase - ISR | | 50,000 | |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 142 US EUROPEAN COMMAND | 359,602 | 364,852 | 5,250 |
| Program increase - P.L. 115-68 | | 250 | |
| Program increase - natural resource management | | 5,000 | |
| 143 US SOUTHERN COMMAND | 204,336 | 209,711 | 5,375 |
| Program increase - P.L. 115-68 | | 375 | |
| Program increase - natural resource management | | 5,000 | |
| 144 US FORCES KOREA | 67,756 | 67,756 | 0 |
| 151 CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS | 495,066 | 489,066 | -6,000 |
| Program decrease - network project | | -2,000 | |
| Program decrease - vulnerability management project | | -2,000 | |
| Unjustified growth | | -2,000 | |
| 153 CYBER SPACE ACTIVITIES - CYBERSECURITY | 673,701 | 663,701 | -10,000 |
| Unjustified growth | | -10,000 | |
| 154 JOINT CYBER MISSION FORCES | 178,033 | 178,033 | 0 |
| 211 STRATEGIC MOBILITY | 434,423 | 434,423 | 0 |
| 212 ARMY PREPOSITIONED STOCKS | 378,494 | 378,494 | 0 |
| 213 INDUSTRIAL PREPAREDNESS | 4,001 | 4,001 | 0 |
| 311 OFFICER ACQUISITION | 173,439 | 173,439 | 0 |
| 312 RECRUIT TRAINING | 78,826 | 78,826 | 0 |
| 313 ONE STATION UNIT TRAINING | 128,117 | 116,117 | -12,000 |
| Unjustified growth | | -12,000 | |
| 314 SENIOR RESERVE OFFICERS TRAINING CORPS | 554,992 | 554,992 | 0 |
| 321 SPECIALIZED SKILL TRAINING | 1,115,045 | 1,085,045 | -30,000 |
| Unjustified growth | | -30,000 | |
| 322 FLIGHT TRAINING | 1,396,392 | 1,381,392 | -15,000 |
| Unjustified growth | | -15,000 | |
| 323 PROFESSIONAL DEVELOPMENT EDUCATION | 221,960 | 221,960 | 0 |
| 324 TRAINING SUPPORT | 717,318 | 701,318 | -16,000 |
| Unjustified growth | | -16,000 | |
| 331 RECRUITING AND ADVERTISING | 691,053 | 691,053 | 0 |
| 332 EXAMINING | 192,832 | 192,832 | 0 |
| 333 OFF-DUTY AND VOLUNTARY EDUCATION | 235,340 | 235,340 | 0 |
| 334 CIVILIAN EDUCATION AND TRAINING | 251,378 | 251,378 | 0 |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 335 JUNIOR RESERVE OFFICERS TRAINING CORPS | 196,088 | 201,088 | 5,000 |
| Program increase | | 5,000 | |
| 421 SERVICEWIDE TRANSPORTATION | 662,083 | 655,083 | -7,000 |
| Unjustified growth - overseas operations costs | | -7,000 | |
| 422 CENTRAL SUPPLY ACTIVITIES | 822,018 | 822,018 | 0 |
| 423 LOGISTICS SUPPORT ACTIVITIES | 806,861 | 771,861 | -35,000 |
| Unjustified growth | | -35,000 | |
| 424 AMMUNITION MANAGEMENT | 483,187 | 483,187 | 0 |
| 431 ADMINISTRATION | 486,154 | 498,154 | 12,000 |
| Program increase - ALTNAV | | 12,000 | |
| 432 SERVICEWIDE COMMUNICATIONS | 1,871,173 | 1,871,173 | 0 |
| 433 MANPOWER MANAGEMENT | 344,668 | 344,668 | 0 |
| 434 OTHER PERSONNEL SUPPORT | 811,999 | 811,999 | 0 |
| 435 OTHER SERVICE SUPPORT | 2,267,280 | 2,248,980 | -18,300 |
| Program increase - Capitol Fourth | | 3,700 | |
| Program decrease | | -22,000 | |
| 436 ARMY CLAIMS ACTIVITIES | 191,912 | 191,912 | 0 |
| 437 REAL ESTATE MANAGEMENT | 288,942 | 293,942 | 5,000 |
| Program increase - real estate inventory tool | | 5,000 | |
| 438 FINANCIAL IMPROVEMENT AND AUDIT READINESS | 410,983 | 410,983 | 0 |
| 43Q DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 38,714 | 38,714 | 0 |
| 441 INTERNATIONAL MILITARY HEADQUARTERS | 532,377 | 532,377 | 0 |
| 442 MISC. SUPPORT OF OTHER NATIONS | 35,709 | 35,709 | 0 |
| 411 OTHER PROGRAMS | 2,113,196 | 2,065,530 | -47,666 |
| Classified adjustment | | -47,666 | |
| RESTORE READINESS | | 150,000 | 150,000 |
| HISTORICAL UNOBLIGATED BALANCES | | -250,000 | -250,000 |
| P.L. 115-68 IMPLEMENTATION | | 250 | 250 |

SMALL BUSINESS

The Committee continues to be concerned with the findings of the Government Accountability Office in its report, "Army Futures Command Should Take Steps to Improve Small Business Engagement for Research and Development", which notes the lack of coordination between the Army Futures Command and small businesses. The Committee recognizes the importance of small businesses to the Department of Defense and encourages the Commanding General, Army Futures Command, to develop methods to improve small business engagement for research and development and to coordinate with the Army Office of Small Business Programs in its engagement efforts. The Committee directs the Secretary of the Army to create performance measures to track the Army Futures Command's efforts and to submit a report to the congressional defense committees on these efforts not later than 60 days after the enactment of this Act.

ARMY HIGH ALTITUDE INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE CAPABILITIES

The Committee understands that the Department of Defense's intelligence, surveillance, and reconnaissance (ISR) systems play critical roles in support of current military operations. The demand for ISR capabilities, including processing, exploitation, and dissemination, is insatiable. The Committee appreciates that the Army has successfully augmented current service capabilities with contractor-owned, contractor-operated platforms to meet mission requirements. Therefore, the Committee encourages the Secretary of the Army, at the direction of the EUCOM and INDOPACOM Combatant Commanders, to continue utilizing the contractor-owned, contractor-operated model to fulfill ISR requirements in areas of operation which are of high value and national interest, such as Ukraine, and not inherently governmental.

The Committee directs the Secretary of the Army to provide the House and Senate Appropriations Committees a report, not later than 180 days after the enactment of this Act, that evaluates the Army's gap in ISR capabilities, including for high accuracy initiatives. In addition, the Committee encourages the Secretary of the Army to include contractor-owned, contractor-operated models as viable solutions to complement Service-owned capabilities and to meet the combatant commands' validated ISR shortfalls and mission requirements.

## OPERATION AND MAINTENANCE, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $66,151,951,000 |
| Committee recommendation | 65,775,711,000 |
| Change from budget request | −376,240,000 |

The Committee recommends an appropriation of $65,775,711,000 for Operation and Maintenance, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1A1A MISSION AND OTHER FLIGHT OPERATIONS | 7,334,452 | 7,254,452 | -80,000 |
| Unjustified growth | | -80,000 | |
| 1A2A FLEET AIR TRAINING | 2,793,739 | 2,758,739 | -35,000 |
| Unjustified growth | | -35,000 | |
| 1A3A AVIATION TECHNICAL DATA AND ENGINEERING SERVICES | 65,248 | 65,248 | 0 |
| 1A4A AIR OPERATIONS AND SAFETY SUPPORT | 214,767 | 214,767 | 0 |
| 1A4N AIR SYSTEMS SUPPORT | 1,075,365 | 1,057,865 | -17,500 |
| Unjustified growth | | -17,500 | |
| 1A5A AIRCRAFT DEPOT MAINTENANCE | 1,751,737 | 1,721,737 | -30,000 |
| Unjustified growth | | -30,000 | |
| 1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT | 70,319 | 70,319 | 0 |
| 1A9A AVIATION LOGISTICS | 1,679,193 | 1,659,193 | -20,000 |
| Unjustified growth | | -20,000 | |
| 1B1B MISSION AND OTHER SHIP OPERATIONS | 6,454,952 | 6,399,952 | -55,000 |
| Unjustified growth | | -55,000 | |
| 1B2B SHIP OPERATIONS SUPPORT AND TRAINING | 1,183,237 | 1,183,237 | 0 |
| 1B4B SHIP DEPOT MAINTENANCE | 10,038,261 | 9,938,261 | -100,000 |
| Program decrease - delays in program execution | | -100,000 | |
| 1B5B SHIP DEPOT OPERATIONS SUPPORT | 2,422,095 | 2,392,095 | -30,000 |
| Unjustified growth | | -30,000 | |
| 1C1C COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE | 1,632,824 | 1,632,824 | 0 |
| 1C3C SPACE SYSTEMS AND SURVEILLANCE | 339,103 | 339,103 | 0 |
| 1C4C WARFARE TACTICS | 881,999 | 881,999 | |
| 1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY | 444,150 | 444,150 | 0 |
| 1C6C COMBAT SUPPORT FORCES | 2,274,710 | 2,259,710 | -15,000 |
| Unjustified growth - non pay | | -15,000 | |
| 1C7C EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT | 194,346 | 194,346 | 0 |
| 1CCF CYBER MISSION FORCES | 101,049 | 101,049 | 0 |
| 1CCH COMBATANT COMMANDERS CORE OPERATIONS | 65,893 | 70,893 | 5,000 |
| Program increase - Asia Pacific Regional Initiative | | 5,000 | |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1CCM COMBATANT COMMANDERS DIRECT MISSION | 282,742 | 288,742 | 6,000 |
| Program increase - P.L. 115-68 | | 1,000 | |
| Program increase - natural resource management | | 5,000 | |
| 1CCY CYBERSPACE ACTIVITIES | 477,540 | 477,540 | 0 |
| 1D2D FLEET BALLISTIC MISSILE | 1,664,076 | 1,664,076 | 0 |
| 1D4D WEAPONS MAINTENANCE | 1,495,783 | 1,495,783 | 0 |
| 1D7D OTHER WEAPON SYSTEMS SUPPORT | 649,371 | 649,371 | 0 |
| BSIT ENTERPRISE INFORMATION TECHNOLOGY | 1,647,834 | 1,637,834 | -10,000 |
| Unjustified growth | | -10,000 | |
| BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION | 3,549,311 | 3,639,311 | 90,000 |
| Program increase - plating facility upgrades at public shipyards | | 6,000 | |
| Program increase - USNA | | 49,000 | |
| Program increase - seismic and fire protection | | 10,000 | |
| Program increase - earthquake repairs | | 25,000 | |
| BSS1 BASE OPERATING SUPPORT | 5,503,088 | 5,503,088 | 0 |
| 2A1F SHIP PREPOSITIONING AND SURGE | 467,648 | 467,648 | 0 |
| 2A2F READY RESERVE FORCE | 683,932 | 683,932 | 0 |
| 2B2G SHIP ACTIVATIONS/INACTIVATIONS | 364,096 | 357,096 | -7,000 |
| Program decrease - reverse decommissionings | | -7,000 | |
| 2C1H EXPEDITIONARY HEALTH SERVICES SYSTEMS | 133,780 | 133,780 | 0 |
| 2C3H COAST GUARD SUPPORT | 21,196 | 21,196 | 0 |
| 3A1J OFFICER ACQUISITION | 190,578 | 190,578 | 0 |
| 3A2J RECRUIT TRAINING | 14,679 | 14,679 | 0 |
| 3A3J RESERVE OFFICERS TRAINING CORPS | 170,845 | 170,845 | 0 |
| 3B1K SPECIALIZED SKILL TRAINING | 1,133,889 | 1,133,889 | 0 |
| 3B3K PROFESSIONAL DEVELOPMENT EDUCATION | 334,844 | 334,844 | 0 |
| 3B4K TRAINING SUPPORT | 356,670 | 356,670 | 0 |
| 3C1L RECRUITING AND ADVERTISING | 204,498 | 204,498 | 0 |
| 3C3L OFF-DUTY AND VOLUNTARY EDUCATION | 89,971 | 89,971 | 0 |
| 3C4L CIVILIAN EDUCATION AND TRAINING | 69,798 | 69,798 | 0 |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 3C5L JUNIOR ROTC | 55,194 | 60,194 | 5,000 |
| Program increase | | 5,000 | |
| 4A1M ADMINISTRATION | 1,349,966 | 1,349,966 | |
| 4A3M CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT | 227,772 | 227,772 | |
| 4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT | 667,627 | 637,627 | -30,000 |
| Unjustified growth | | -30,000 | |
| 4A8M MEDICAL ACTIVITIES | 284,962 | 284,962 | 0 |
| 4B1A DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 62,824 | 62,824 | 0 |
| 4B1N SERVICEWIDE TRANSPORTATION | 207,501 | 207,501 | 0 |
| 4B2N PLANNING, ENGINEERING AND DESIGN | 554,265 | 539,265 | -15,000 |
| Unjustified growth | | -15,000 | |
| 4B3N ACQUISITION, LOGISTICS AND OVERSIGHT | 798,473 | 810,473 | 12,000 |
| Program increase - commercial off the shelf supply chain risk management tools | | 12,000 | |
| 4C1P INVESTIGATIVE AND SECURITY SERVICES | 791,059 | 791,059 | 0 |
| 999 OTHER PROGRAMS | 628,700 | 628,700 | 0 |
| RESTORE READINESS | | 150,000 | 150,000 |
| HISTORICAL UNOBLIGATED BALANCES | | -200,000 | -200,000 |
| P.L. 115-68 IMPLEMENTATION | | 260 | 260 |

SHIP MAINTENANCE

The Committee held multiple discussions with Navy officials regarding the continued delays to ship maintenance programs, with particular concern related to submarine maintenance. The Committee appreciates there are several factors involved in these delays, however, a solution between the Navy and industry must be forthcoming. Therefore, the Committee directs the Secretary of the Navy to continue to provide quarterly reports to the congressional defense committees, beginning not later than 30 days after the enactment of this Act, on the status of maintenance and repair work for all naval vessels with special attention to submarines. The report shall include the amount of funding budgeted for submarine maintenance in fiscal year 2023 and the prior three years, the original estimated amount of time expected for maintenance activities to be completed, any adjustments to the schedule, the reasons why changes were necessary, and the new expected timeframe for completion and any additional costs involved. The report shall be broken out by shipyard and/or private entity (by site), by name, and type of vessel. The report shall also include any new efforts the Navy has taken to address the delays it continues to face.

AIRFRAME MAINTENANCE

The Committee still has concerns about airframe maintenance. The Committee directs the Secretary of the Navy to provide quarterly reports to the congressional defense committees, beginning not later than 30 days after the enactment of this Act, on the status of maintenance and repair work for each airframe. The report shall include the amount of funding budgeted for airframe maintenance in fiscal year 2023 and the prior three years, the original estimated amount of time expected for maintenance activities to be completed, any adjustments to the schedule, the reasons why any changes were necessary, and the new expected timeframe for completion and any additional costs involved.

## OPERATION AND MAINTENANCE, MARINE CORPS

| | |
|---|---|
| Fiscal year 2023 budget request | $9,660,944,000 |
| Committee recommendation | 9,638,125,000 |
| Change from budget request | −22,819,000 |

The Committee recommends an appropriation of $9,638,125,000 for Operation and Maintenance, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1A1A OPERATIONAL FORCES | 1,740,491 | 1,723,991 | -16,500 |
| Program increase - hearing enhancement and protection headsets | | 17,500 | |
| Unjustified growth | | -34,000 | |
| 1A2A FIELD LOGISTICS | 1,699,425 | 1,685,766 | -13,659 |
| Unjustified growth | | -13,659 | |
| 1A3A DEPOT MAINTENANCE | 221,886 | 221,886 | |
| 1B1B MARITIME PREPOSITIONING | 139,518 | 137,518 | -2,000 |
| Unjustified growth | | -2,000 | |
| 1CCF CYBER MISSION FORCES | 94,199 | 94,199 | 0 |
| 1CCY CYBERSPACE ACTIVITIES | 194,904 | 194,904 | 0 |
| BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION | 1,292,219 | 1,292,219 | 0 |
| BSS1 BASE OPERATING SUPPORT | 2,699,487 | 2,699,487 | |
| 3A1C RECRUIT TRAINING | 23,217 | 23,217 | 0 |
| 3A2C OFFICER ACQUISITION | 1,268 | 1,268 | 0 |
| 3B1D SPECIALIZED SKILLS TRAINING | 118,638 | 118,638 | 0 |
| 3B3D PROFESSIONAL DEVELOPMENT EDUCATION | 64,626 | 64,626 | 0 |
| 3B4D TRAINING SUPPORT | 523,603 | 517,603 | -6,000 |
| Unjustified growth | | -6,000 | |
| 3C1F RECRUITING AND ADVERTISING | 225,759 | 225,759 | 0 |
| 3C2F OFF-DUTY AND VOLUNTARY EDUCATION | 51,882 | 51,882 | 0 |
| 3C3F JUNIOR ROTC | 27,660 | 32,660 | 5,000 |
| Program increase | | 5,000 | |
| 4A3G SERVICEWIDE TRANSPORTATION | 78,542 | 78,542 | 0 |
| 4A4G ADMINISTRATION | 401,030 | 401,030 | 0 |
| 4A7G SECURITY PROGRAMS | 62,590 | 62,590 | 0 |
| HISTORICAL UNOBLIGATED BALANCES | | -40,000 | -40,000 |
| P.L. 115-68 IMPLEMENTATION | | 340 | 340 |
| RESTORE READINESS | | 50,000 | 50,000 |

FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION

The Committee received a briefing from Marine Corps officials regarding their proposal to utilize a preponderance of fiscal year 2023 Facilities Sustainment, Restoration and Modernization (FSRM) funds to place greater emphasis on recapitalization and demolition projects, rather than sustainment activities. The change in focus is due to the fact that currently 40 percent of the Marine Corps plant replacement value is in poor or failing condition. The Committee understands that without this change in scope, facilities may become unusable. Given this information, the Committee intends to monitor the program and directs the Secretary of the Navy to provide the congressional defense committees with a FSRM spend plan not later than 45 days after the enactment of this Act, detailing the Marine Corps' fiscal year 2023 FSRM projects, specifically noting the recapitalization and demolition projects, with the associated funding levels as well as aggregate sustainment funding amounts. The Committee also directs the Secretary of the Navy to provide a follow-on report that details how the fiscal year 2023 funds were spent, with the same criteria, by January 15, 2024.

## OPERATION AND MAINTENANCE, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $58,281,242,000 |
| Committee recommendation | 58,038,438,000 |
| Change from budget request | −242,804,000 |

The Committee recommends an appropriation of $58,038,438,000 for Operation and Maintenance, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 11A | PRIMARY COMBAT FORCES | 936,731 | 975,731 | 39,000 |
| | Unjustified growth | | -21,000 | |
| | Air Force requested transfer from 11C | | 60,000 | |
| 11C | COMBAT ENHANCEMENT FORCES | 2,657,865 | 2,595,001 | -62,864 |
| | Program increase - combat aviation advisor mission support | | 18,000 | |
| | Unjustified growth | | -100,000 | |
| | Air Force requested transfer to 11A | | -60,000 | |
| | Transfer from RDTE, AF line 279 | | 79,136 | |
| 11D | AIR OPERATIONS TRAINING | 1,467,518 | 1,467,518 | 0 |
| 11M | DEPOT PURCHASE EQUIPMENT MAINTENANCE | 4,341,794 | 4,241,794 | -100,000 |
| | Unjustified growth | | -100,000 | |
| 11R | REAL PROPERTY MAINTENANCE | 4,091,088 | 4,091,088 | 0 |
| 11V | CYBERSPACE SUSTAINMENT | 130,754 | 130,754 | |
| 11W | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT | 8,782,940 | 8,770,940 | -12,000 |
| | Program increase - Gorgon Stare | | 18,000 | |
| | Unjustified growth | | -30,000 | |
| 11Y | FLYING HOUR PROGRAM | 5,871,718 | 5,833,718 | -38,000 |
| | Unjustified growth | | -38,000 | |
| 11Z | BASE SUPPORT | 10,638,741 | 10,592,741 | -46,000 |
| | Program increase - artificial intelligence/advanced video exploitation for natural resources units | | 4,000 | |
| | Unjustified growth | | -50,000 | |
| 12A | GLOBAL C3I AND EARLY WARNING | 1,035,043 | 1,026,543 | -8,500 |
| | Program decrease - early to need | | -8,500 | |
| 12C | OTHER COMBAT OPERATIONS SUPPORT PROGRAMS | 1,436,329 | 1,426,329 | -10,000 |
| | Program decrease - OSINT | | -10,000 | |
| 12D | CYBERSPACE ACTIVITIES | 716,931 | 711,931 | -5,000 |
| | Unjustified growth | | -5,000 | |
| 12A | JOINT CYBER MISSION FORCE PROGRAMS | 186,759 | 186,759 | 0 |
| 13A | LAUNCH OPERATIONS | 690 | 690 | 0 |
| 15C | US NORTHCOM/NORAD | 197,210 | 202,775 | 5,565 |
| | Program increase - implementation of P.L. 115-68 | | 565 | |
| | Program increase - natural resource management | | 5,000 | |

| O-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 15D | US STRATCOM | 503,419 | 553,607 | 50,188 |
| | Program increase - implementation of P.L. 115-68 | | 250 | |
| | Transfer from RDTE, AF line 278 | | 49,938 | |
| 15E | US CYBERCOM | 436,807 | 437,057 | 250 |
| | Program increase - implementation of P.L. 115-68 | | 250 | |
| 15F | US CENTCOM | 331,162 | 319,347 | -11,815 |
| | Program increase - implementation of P.L. 115-68 | | 185 | |
| | Program increase - natural resource management | | 10,000 | |
| | Unjustified growth - Office of Security Cooperation - Iraq | | -22,000 | |
| 15G | US SOCOM | 27,318 | 28,208 | 890 |
| | Program increase - implementation of P.L. 115-68 | | 890 | |
| 15H | US TRANSCOM | 0 | 250 | 250 |
| | Program increase - implementation of P.L. 115-68 | | 250 | |
| 15U | CENTCOM CYBERSPACE SUSTAINMENT | 1,367 | 1,367 | 0 |
| 15X | USSPACECOM | 329,543 | 330,051 | 508 |
| | Program increase - implementation of P.L. 115-68 | | 508 | |
| | CLASSIFIED PROGRAMS | 1,705,801 | 1,705,801 | 0 |
| 21A | AIRLIFT OPERATIONS | 2,780,616 | 2,780,616 | 0 |
| 21D | MOBILIZATION PREPAREDNESS | 721,172 | 721,172 | 0 |
| 31A | OFFICER ACQUISITION | 189,721 | 189,721 | 0 |
| 31B | RECRUIT TRAINING | 26,684 | 26,684 | 0 |
| 31D | RESERVE OFFICER TRAINING CORPS (ROTC) | 135,515 | 135,515 | 0 |
| 32A | SPECIALIZED SKILL TRAINING | 541,511 | 541,511 | 0 |
| 32B | FLIGHT TRAINING | 779,625 | 796,625 | 17,000 |
| | Program increase - introductory flight training - rotary program | | 17,000 | |
| 32C | PROFESSIONAL DEVELOPMENT EDUCATION | 313,556 | 313,556 | 0 |
| 32D | TRAINING SUPPORT | 171,087 | 171,087 | 0 |
| 33A | RECRUITING AND ADVERTISING | 197,956 | 197,956 | 0 |
| 33B | EXAMINING | 8,282 | 8,282 | 0 |
| 33C | OFF DUTY AND VOLUNTARY EDUCATION | 254,907 | 254,907 | 0 |

| O-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 33D | CIVILIAN EDUCATION AND TRAINING | 355,375 | 355,375 | 0 |
| 33E | JUNIOR ROTC | 69,964 | 74,964 | 5,000 |
| | Program increase | | 5,000 | |
| 41A | LOGISTICS OPERATIONS | 1,058,129 | 1,058,129 | 0 |
| 41B | TECHNICAL SUPPORT ACTIVITIES | 139,428 | 139,428 | 0 |
| 42A | ADMINISTRATION | 1,283,066 | 1,273,066 | -10,000 |
| | Unjustified growth - non pay | | -10,000 | |
| 42B | SERVICEWIDE COMMUNICATIONS | 33,222 | 33,222 | 0 |
| 42G | OTHER SERVICEWIDE ACTIVITIES | 1,790,985 | 1,790,985 | 0 |
| 42I | CIVIL AIR PATROL CORPORATION | 30,526 | 51,300 | 20,774 |
| | Program increase | | 20,774 | |
| 42W | DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 42,558 | 42,558 | 0 |
| 44A | INTERNATIONAL SUPPORT | 102,065 | 102,065 | 0 |
| 43A | SECURITY PROGRAMS | 1,427,764 | 1,423,964 | -3,800 |
| | Classified adjustment | | -3,800 | |
| | RESTORE READINESS | | 150,000 | 150,000 |
| | HISTORICAL UNOBLIGATED BALANCES | | -225,000 | -225,000 |
| | P.L. 115-68 IMPLEMENTATION | | 750 | 750 |

PILOT SHORTFALL

The Committee remains concerned by the inability of the Air Force to maintain the requisite number of pilots each year. The Committee supports new initiatives that the Air Force is implementing, such as the Pilot Training Next and other efforts to increase training throughput, and anticipates seeing positive results of the programs. However, continued oversight is critical to ensure the Air Force can decrease its pilot shortfall. Further, the Committee is greatly concerned by the challenges with J85 engine repair throughputs and its impact on pilot training. Therefore, the Committee directs the Commander of Air Education and Training Command and the Deputy Chief of Staff of Operations at Air Force Headquarters to provide quarterly updates to the House and Senate Appropriations Committees beginning not later than 45 days after the enactment of this Act on efforts to address its pilot shortfall.

AIRCRAFT PROTECTION

The Committee recognizes the adverse impact that sunlight and hail can have on the readiness and service life of aircraft. Unprotected aircraft can sustain significant damage during hailstorms and long-term damage from extensive sun exposure, creating additional, yet preventable, maintenance costs. The Committee urges the Secretary of the Air Force to prioritize maintenance that provides protection for aircraft to prevent damage caused by weather.

## OPERATION AND MAINTENANCE, SPACE FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $4,034,658,000 |
| Committee recommendation | 3,967,658,000 |
| Change from budget request | −67,000,000 |

The Committee recommends an appropriation of $3,967,658,000 for Operation and Maintenance, Space Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | | Budget Request | Committee Recommended | Change from request |
|---|---|---|---|---|
| 12A | GLOBAL C3I & EARLY WARNING | 472,484 | 472,484 | 0 |
| 13A | SPACE LAUNCH OPERATIONS | 187,832 | 187,832 | 0 |
| 13C | SPACE OPERATIONS | 695,228 | 695,228 | 0 |
| 13E | EDUCATION & TRAINING | 153,135 | 153,135 | 0 |
| 13F | SPECIAL PROGRAMS | 272,941 | 272,941 | 0 |
| 13M | DEPOT MAINTENANCE | 285,863 | 285,863 | 0 |
| 13R | MAINTENANCE OF REAL PROPERTY | 235,253 | 235,253 | 0 |
| 13W | CONTRACTOR LOGISTICS & SYSTEM SUPPORT | 1,358,565 | 1,358,565 | 0 |
| 13Z | BASE SUPPORT | 144,937 | 144,937 | 0 |
| 42A | ADMINISTRATION | 228,420 | 176,420 | -52,000 |
| | Unjustified growth | | -52,000 | |
| | HISTORICAL UNOBLIGATED BALANCES | | -15,000 | -15,000 |

## OPERATION AND MAINTENANCE, DEFENSE-WIDE

| | |
|---|---|
| Fiscal year 2023 budget request | $48,406,516,000 |
| Committee recommendation | 48,663,571,000 |
| Change from budget request | +257,055,000 |

The Committee recommends an appropriation of $48,663,571,000 for Operation and Maintenance, Defense-Wide which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **1PL1 JOINT CHIEFS OF STAFF** | **445,366** | **422,366** | **-23,000** |
| Historical unobligated balances | | -23,000 | |
| **8PL1 JOINT CHIEFS OF STAFF - JTEEP** | **679,336** | **656,336** | **-23,000** |
| Historical unobligated balances | | -23,000 | |
| **8PL2 JOINT CHIEFS OF STAFF - CYBER** | **9,887** | **9,887** | **0** |
| **1GTM OFFICE OF THE SECRETARY OF DEFENSE - MISO** | **246,259** | **273,759** | **27,500** |
| Program increase - information operations - INDOPACOM UPL | | 27,500 | |
| **1PL6 SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES** | **2,056,291** | **2,043,398** | **-12,893** |
| Classified adjustment | | -12,893 | |
| **1PLS SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES** | **39,178** | **39,178** | **0** |
| **1PLU SPECIAL OPERATIONS COMMAND INTELLIGENCE** | **1,513,025** | **1,514,244** | **1,219** |
| Excess growth - Next Generation LEA | | -9,181 | |
| Program increase - counter unmanned systems (CUxS) procurement acceleration UPL | | 10,400 | |
| **1PL7 SPECIAL OPERATIONS COMMAND MAINTENANCE** | **1,207,842** | **1,247,773** | **39,931** |
| Historical unobligated balances | | -12,000 | |
| SOCOM-requested transfer to RDTE, DW line 261 | | -5,840 | |
| Program increase - combatant craft medium loss refurbishment UPL | | 4,250 | |
| Program increase - counter unmanned systems (CUxS) procurement acceleration UPL | | 5,353 | |
| Program increase - miltispectral personal signature management | | 11,268 | |
| Program increase- military alpine recce system environmental clothing systems UPL | | 36,900 | |
| **1PLM SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS** | **196,271** | **196,271** | **0** |
| **1PLV SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT** | **1,299,309** | **1,332,010** | **32,701** |
| Unjustified growth - Information Warfare Center | | -3,299 | |
| Program increase - advana authoritative data management and analytics UPL | | 8,000 | |
| Program increase - enterprise data stewardship program UPL | | 18,000 | |
| Program increase - identity management | | 10,000 | |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1PLR SPECIAL OPERATIONS COMMAND THEATER FORCES | 3,314,770 | 3,313,427 | -1,343 |
| Program increase - section 1202 | | 4,246 | |
| Program increase - tactical mission network digital force protection UPL | | 5,711 | |
| Program decrease - excess to need 127e | | -11,300 | |
| 3EV2 DEFENSE ACQUISITION UNIVERSITY | 176,454 | 176,454 | 0 |
| 3PL1 JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING AND EDUCATION | 101,492 | 101,492 | 0 |
| 3EV8 SPECIAL OPERATIONS COMMAND PROFESSIONAL DEVELOPMENT EDUCATION | 35,279 | 35,279 | 0 |
| 4GT3 CIVIL MILITARY PROGRAMS | 139,656 | 270,067 | 130,411 |
| Program increase - National Guard Youth Challenge | | 83,411 | |
| Program increase - Starbase | | 47,000 | |
| 4GT6 DEFENSE CONTRACT AUDIT AGENCY | 646,072 | 646,072 | 0 |
| 4GDC DEFENSE CONTRACT AUDIT AGENCY - CYBER | 4,107 | 4,107 | 0 |
| 4GTC DEFENSE CONTRACT MANAGEMENT AGENCY | 1,506,300 | 1,491,300 | -15,000 |
| Historical unobligated balances | | -15,000 | |
| 4GTP DEFENSE CONTRACT MANAGEMENT AGENCY - CYBER | 29,127 | 29,127 | 0 |
| 4GTE DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY | 983,133 | 983,133 | 0 |
| 4GTG DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY - CYBER | 10,245 | 10,245 | 0 |
| 4GT8 DEFENSE HUMAN RESOURCES ACTIVITY | 935,241 | 1,000,241 | 65,000 |
| Program increase - DLNSEO | | 22,000 | |
| Program increase - Language Flagship program | | 6,000 | |
| Program increase - Special Victims' Counsel | | 47,000 | |
| Historical unobligated balances | | -10,000 | |
| 4GSE DEFENSE HUMAN RESOURCES ACTIVITY - CYBER | 26,113 | 26,113 | 0 |
| 4GT9 DEFENSE INFORMATION SYSTEMS AGENCY | 2,266,729 | 2,266,729 | 0 |
| 4GU9 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER | 643,643 | 643,643 | 0 |
| 4GTA DEFENSE LEGAL SERVICES AGENCY | 233,687 | 233,687 | 0 |
| 4GTB DEFENSE LOGISTICS AGENCY | 429,060 | 404,060 | -25,000 |
| Historical unobligated balances | | -25,000 | |
| ES18 DEFENSE MEDIA ACTIVITY | 243,631 | 236,131 | -7,500 |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| Historical unobligated balances | | -7,500 | |
| **4GTC DEFENSE PERSONNEL ACCOUNTING AGENCY** | **150,021** | **150,021** | **0** |
| **4GTD DEFENSE SECURITY COOPERATION AGENCY** | **2,445,669** | **2,348,599** | **-97,070** |
| Program increase - International Security Cooperation Programs - AFRICOM | | 22,396 | |
| Program increase - International Security Cooperation Programs - CENTCOM - Jordan | | 4,518 | |
| Program increase - International Security Cooperation Programs - EUCOM - Baltic Security Initiative | | 69,480 | |
| Program increase - International Security Cooperation Programs - EUCOM - Bulgaria | | 10,602 | |
| Program increase - International Security Cooperation Programs - EUCOM - Georgia | | 8,720 | |
| Program increase - International Security Cooperation Programs - EUCOM - Poland | | 11,092 | |
| Program increase - International Security Cooperation Programs - EUCOM - Romania | | 6,137 | |
| Program increase - International Security Cooperation Programs - NORTHCOM - Bahamas | | 5,000 | |
| Program increase - International Security Cooperation Programs - SOUTHCOM | | 32,244 | |
| Program increase - International Security Cooperation Programs - humanitarian assistance and disaster relief operations | | 10,000 | |
| Program decrease - International Security Cooperation Programs - CENTCOM | | -160,000 | |
| Program decrease - International Security Cooperation Programs - CENTCOM | | -806 | |
| Program decrease - International Security Cooperation Programs - INDOPACOM - Sri Lanka | | -19,453 | |
| Unjustified growth - International Security Cooperation Programs - Institutional Capacity Building | | -15,000 | |
| Program adjustment - Coalition Support Funds | | -5,000 | |
| Program adjustment - Border Security | | -75,000 | |
| Program adjustment - Regional Defense Combating Terrorism and Irregular Warfare Fellowship Program | | -2,000 | |
| **4GTH DEFENSE TECHNOLOGY SECURITY ADMINISTRATION** | **40,063** | **40,063** | **0** |
| **4GTI DEFENSE THREAT REDUCTION AGENCY** | **941,763** | **911,763** | **-30,000** |
| Historical unobligated balances | | -30,000 | |
| **4GTL DEFENSE THREAT REDUCTION AGENCY - CYBER** | **56,052** | **56,052** | **0** |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY** | **3,276,276** | **3,366,276** | **90,000** |
| Program increase - World Language grants | | 15,000 | |
| Program increase - Impact Aid | | 50,000 | |
| Program increase - Impact Aid for children with disabilities | | 20,000 | |
| Program increase - military spouse pilot program | | 5,000 | |
| **4GTM OFFICE OF LOCAL DEFENSE COMMUNITY** | **108,697** | **188,697** | **80,000** |
| Program increase - Defense Community Infrastructure Program | | 50,000 | |
| Program increase - Defense Manufacturing Community Support Program | | 30,000 | |
| **4GTN OFFICE OF THE SECRETARY OF DEFENSE** | **2,239,072** | **2,281,371** | **42,299** |
| Program increase - Readiness Environmental Protection Integration | | 8,281 | |
| Program increase - Legacy Resources Management Program | | 5,000 | |
| Program increase - Native American Lands Environmental Mitigation Program | | 8,000 | |
| Program increase - Procurement Technical Assistance Program | | 28,918 | |
| Program increase - Office of the Undersecretary for Acquisition and Sustainment - domestic supply chain resiliency matrix | | 4,500 | |
| Program increase - recycling pilot | | 3,600 | |
| Program increase - OSD Commissions | | 12,000 | |
| Program increase - Ronald V. Dellums Memorial Fellowship | | 5,000 | |
| Program increase - CDC water contamination study and assessment | | 15,000 | |
| Program increase - digital personal protection program | | 5,000 | |
| Program increase - childcare waitlist | | 10,000 | |
| Unjustified growth - non pay | | -63,000 | |
| **4GTC OFFICE OF THE SECRETARY OF DEFENSE- CYBER** | **55,255** | **55,255** | **0** |
| **011A MISSILE DEFENSE AGENCY** | **541,787** | **541,787** | **0** |
| **4GTQ WASHINGTON HEADQUARTERS SERVICES** | **369,943** | **359,943** | **-10,000** |
| Historical unobligated balances | | -10,000 | |
| **999 OTHER PROGRAMS** | **18,764,415** | **18,755,115** | **-9,300** |
| Classified adjustment | | -9,300 | |
| **P.L. 115-68 IMPLEMENTATION** | | **2,100** | **2,100** |

LEGACY RESOURCE MANAGEMENT PROGRAM

The Committee includes an additional $5,000,000 for the Department of Defense Legacy Resource Management Program to continue the work begun in project 17–836 to continue to identify habitat conservation opportunities that will benefit both the species and military readiness by avoiding or reducing regulatory constraints on military testing and training.

READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

The Committee recommendation includes $175,000,000 for the Readiness and Environmental Protection Initiative (REPI) and notes the importance of REPI and Sentinel Landscape Partnerships to the successful land and wildlife conservation activities on land buffering military installations.

The Committee recognizes the important role the Department of Defense plays as a federal partner in multi-state watershed restoration projects and the importance of the REPI program in advancing a critical military goal of limiting encroachment and land use conflicts. The Committee also is aware of the importance of deploying stormwater best management practices on and around military bases to mitigate flooding and runoff, especially in stormwater-stressed ecosystems. The Committee directs the Secretary of Defense to prioritize REPI projects that leverage other federal and non-federal funding sources to deploy best management practices on lands conserved through REPI to enhance resilience and improve water quality in watersheds where the Department of Defense has restoration partnership obligations and where land subsidence compounds the threat of sea level rise and associated flooding.

RECYCLING

The Committee recognizes the important role of Qualified Recycling Programs (QRP), including effective models of recycling partnerships found at Fort Hood. The Committee also recognizes the need to enhance existing recycling infrastructure, establish municipal partnerships, and invest in quality-of-life improvement projects on all military installations to facilitate a greater adoption of regional recycling programs with municipalities. The Committee provides an additional $3,600,000 and directs the Secretary of Defense to establish a pilot program to examine ways to incentivize more cost-effective recycling, explore effective recycling practices, and to study the impact of forming regional QRPs to reach economic viability for their recycled materials, particularly where local recycling rates are low or uneconomical for municipalities to recycle.

RED HILL RECOVERY FUND

The Committee recognizes the importance of addressing the community, environmental and national security challenges caused by the Red Hill Bulk Fuel Storage Facility leak. The Committee directs the Secretary of Defense, and the Secretary of the Navy, to continue to take the necessary steps to safely close the facility, remediate the surrounding environment, assess and address the

harm caused to the aquifer, work in conjunction with the state of Hawaii and the local community in these efforts, and build a more distributive fuel infrastructure for the Indo-Pacific.

For efforts in Hawaii, the Committee directs the Secretary of Defense, in coordination with the Secretary of the Navy, to provide quarterly updates in the form of written reports, beginning not later than 45 days after the enactment of this Act, to the congressional defense committees on obligations, completed and pending actions with the state of Hawaii's regulatory agencies and the Environmental Protection Agency, water quality test results, efforts to assess the hydrogeology and improve water quality testing surrounding the facility, progress toward decommissioning the facility, and defense funds used for planned military construction and related planning and design efforts, community engagement efforts, and actions taken to address the needs of individual service members and their families that were affected by the Red Hill crisis.

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

OFFICE OF SPECIAL NEEDS

The Committee recognizes that military families with special needs face unique challenges and that, to assist these families, each Service implements its own program. In 2018, the Government Accountability Office found that variations in the support provided to military family members with special medical and educational needs through the Department of Defense Exceptional Family Member Program (EFMP) led to potential gaps in assistance. The Committee recognizes the value of community partners to provide vital support and coordination services to military personnel and their families and urges the Service Secretaries to continue partnering with leading non-profit organizations aimed at addressing the broad range of services required by individuals with special needs.

The Committee also encourages the Director of the Department of Defense Office of Community Support for Families with Special Needs and the leader of each Service EFMP to establish partnerships with non-profit organizations that offer coordinated and tracked services for individuals with special needs that focus on providing comprehensive, integrated medical, and non-medical services for individuals with special needs. The Committee directs the Director of such office to provide a report to the House and Senate Appropriations Committees on these efforts not later than 60 days after the enactment of the Act.

IMPACT AID

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

SUPPORT FOR THOSE WITH DISABILITIES

It is the Committee's view that the AbilityOne program is a critical component of the defense industrial base. In addition to supporting mission-critical needs of our warfighters with products made in America, the program employs individuals with disabilities through Department of Defense contracts. The mandatory set-aside for all items determined suitable for production by AbilityOne nonprofit agencies is a long-standing department-wide mandatory source contracting requirement in accordance with the Javits-Wagner-O'Day Act. However, the Committee is concerned about a growing number of instances when requirements for mandatory source items are inappropriately delayed or terminated from the AbilityOne. Therefore, the Committee expects the Secretary of Defense to ensure compliance with existing statutes pertaining to this issue.

NATIONAL GUARD YOUTH CHALLENGE PROGRAM

To conform to Section 516 of P.L. 117–81, funding in this Act may be made available to allow the Department of Defense to issue non-state matched funding in limited circumstances; however, before any unmatched funds are disbursed, funding requirements for current programs must be met. Any funds used under this new authority shall be reported in the annual reporting requirement found in 32 USC 509(k).

DEFENSE COMMUNITY INFRASTRUCTURE PROGRAM

The Committee continues to support the Defense Community Infrastructure Program and recommends a total of $100,000,000 for the program for fiscal year 2023. Of the funds included for this program, the Committee directs the Office of Local Defense Community Cooperation to include a new category for consideration for projects. This category would include funding for training facilities for use by cadets participating in a Reserve Officers Training Corps (ROTC) program at Historically Black Colleges/Universities that are also Land Grant Universities, meaning a part B institution as defined in section 322 of the Higher Education Act of 1965 (20 U.S.C. 1061) and an 1890 Institution as defined in section 2 of the Agricultural Research, Extension and Education Reform Act of 1998 (7 U.S.C. 7601). Additionally, only those units that are not a part of a consortium of other ROTC universities and are 40 miles away from the nearest active duty military installation may be considered for funding.

RONALD V. DELLUMS MEMORIAL FELLOWSHIP

The Committee has included additional funds for the creation of the "Ronald V. Dellums Memorial Fellowship." To ensure the success of this program, the Secretary of Defense is directed to allocate $5,000,000 to establish a fellowship program, which shall be known as the "Ronald V. Dellums Memorial Fellowship for Women of Color in STEAM." This fellowship will provide scholarships and internships for eligible students with high potential talent in science, technology, engineering, arts, and mathematics (STEAM). Such scholarships shall be designed to increase awareness of and interest in employment at a Defense Agency among under-represented students in the STEAM fields, particularly women of color, who are pursuing a degree in a STEAM field; support the academic careers of underrepresented students, especially women of color, in STEAM fields; and build a pipeline of women of color with exemplary academic achievements in a STEAM field relevant to national security who can pursue careers in national security and in areas of national need.

CIVILIAN CYBER WORKFORCE

The Committee recognizes the challenge that the Department of Defense faces in hiring individuals with the necessary security clearances for the cyber workforce and encourages the Secretary of Defense to find innovative solutions to increase the civilian cyber workforce. The Committee believes that the Department of Defense should collaborate with colleges and universities to recruit cyber-focused students during their junior or senior years, with the intent that upon graduation the student will have a completed security clearance. The Committee notes the Secretary of Defense is currently required to submit a report to the congressional defense committees on efforts to increase the throughput of security clearances and further directs the Secretary of Defense to provide an update to the congressional defense committees not later than 60 days after the enactment of this Act with any changes to the anticipated date of completion for the report.

INFORMATION SHARING

The Department of Homeland Security Cybersecurity and Infrastructure Security Agency (CISA) created a program that provides federal civilian agencies, state fusion centers, and select information sharing and analysis centers with no-cost access to commercial cyber threat intelligence and services. This model has provided improved cybersecurity to a constituency that may lack the expertise or other resources to fully manage a comprehensive information technology security program, particularly given increasing cyber threats. The Committee believes that participation in CISA's program by parties that work with the Department of Defense could reduce cybersecurity risk to such parties, as well as improve the overall effectiveness of the federal cybersecurity protection effort. The Committee directs the Department of Defense Chief Information Officer to examine opportunities for collaboration between the Department of Defense and CISA on commercial cyber threat intelligence shared services, the extent to which parties working with

the Department of Defense are presently participating in or protected by CISA's program, and approaches to expand participation across a greater number of such parties and provide a joint recommendation to the House and Senate Appropriations Committees on a proposal to reach these parties not later than 90 days after the enactment of this Act.

CYBERSECURITY SUPPORT

The Committee recognizes the high demand for American cybersecurity professionals which has hindered the ability of the Department of Homeland Security's Cybersecurity and Infrastructure Security Agency (CISA) to fully address our nation's cybersecurity vulnerabilities. For this reason, the Committee directs the Secretary of Defense, in coordination with the Director of CISA, to provide supplementary support to CISA's efforts where necessary to respond to an increasing number of intrusions, particularly by Russia and China.

JOINT SPECTRUM CENTER

The joint explanatory statement accompanying the Department of Defense Appropriations Act, 2022, incorporated language regarding the relocation of the Defense Information Systems Agency's Joint Spectrum Center. The Secretary of Defense is required to provide the Committee an update as requested in the Act.

GREENHOUSE GAS EMISSIONS REPORT

The Committee encourages the Secretary of Defense, in cooperation with the Secretary of Transportation and the Secretary of Energy, to evaluate the risks and national security implications of United States greenhouse gas emissions on military bases. The Committee recognizes the urgent necessity of reducing greenhouse gas emissions to mitigate the impacts of global climate change. The Committee expects the Department of Defense to integrate considerations of climate impacts into all aspects of military planning and funding. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees outlining the Department's plans to reduce greenhouse gas emissions on military bases not later than 180 days after the enactment of this Act. The report shall be categorized by Service and include a summary of efforts to reduce greenhouse gas emissions by installation.

AUDIT OVERSIGHT

In 2018, the Department of Defense conducted its first department-wide audit, which revealed significant technological, security, and organizational deficiencies in the Department's financial management systems. These deficiencies prevent the Department from collecting and reporting financial and performance information that is accurate, reliable, and timely. The current estimate for the Department to receive a clean audit opinion is 2027.

The Committee directs the Under Secretary of Defense (Comptroller) to include with the annual Department of Defense Agency Financial Report an accompanying report that provides a summary for each component that has not received an unqualified opinion,

the progress being made, the root cause of identified deficiencies, and the significant outstanding challenges that remain. The report shall also include, in consultation with the Chief Information Officer, which information technology systems are impeding the ability of the Department to achieve an unqualified audit opinion. The report shall include a detailed description of the Department's strategy to improve or replace its information technology systems and implement business process reengineering initiatives aimed at producing an accurate, timely, and reliable audit across all the Services. Further, the report shall include a plan detailing how the Department will improve tracking of Department assets. The report shall be made available publicly, with a classified annex to the congressional defense committees as necessary, at the time of publication of the annual Department of Defense Agency Financial Report.

Finally, the Committee directs the Comptroller General to review the Department's audit efforts and make recommendations for steps the Department should take to achieve a clean audit opinion before 2027 and provide a report to the congressional defense committees on its findings not later than 270 days after the enactment of this Act.

COMMUNITY SUPPORT

The Committee notes that Hawaii has one of the largest and most complex military presences in the nation. The leak from the Red Hill Bulk Fuel Storage Facility was not met with a comprehensive response from either the Services or the Department, and unfortunately, the crises caused confusion and hardships for military families and the local community. The Committee notes that some states have set up "military affairs council" offices under the offices of the governor; these offices serve as liaisons between the state, local entities and the Services. Understanding that the creation of such councils takes time, the Committee directs the Secretary of Defense to work with the Office of the Governor for the State of Hawaii to help address the disconnect between the Services and the communities of Hawaii. The Secretary of Defense shall provide a briefing to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the interaction between the Secretary's office and officials from the State of Hawaii.

INFORMATION OPERATIONS

The Committee is encouraged by United States Special Operations Command (USSOCOM) continued work in the information environment to counter misinformation from the People's Republic of China and the Russian Federation. The Committee is also pleased with the establishment of a central fund for Military Information Support Operations to better enable the Office of the Assistant Secretary of Defense for Special Operations and Low Intensity Conflict and USSOCOM to coordinate and execute operations both within and across multiple areas of responsibility. In response to emerging requirements for U.S. Indo-Pacific Command, the Committee recommends $27,500,000 above the request for information operations consistent with the unfunded priority list for fiscal year

2023. Additional direction is included in the classified annex accompanying this report.

REPLACEMENT OF FLUORINATED AQUEOUS FILM FORMING FOAMS

The Committee is aware that Tier 1 Air Force facilities, where loss of aircraft or assets serviced inside would result in mission failure, have programmed replacement of existing fluorinated aqueous film forming foams (AFFF) systems while Tier 2 facilities would use an automatic water sprinkler system which would not sufficiently protect aviation assets in case of fire. The Committee is concerned that many critical aircraft are housed in Tier 2 facilities and directs the Secretary of the Air Force provide a list of Tier 1 and Tier 2 facilities and report to the Committee not later than 90 days after the enactment of this Act on the replacement schedule for phase out of fluorinated AFFF systems.

NET ZERO WASTE TO ENERGY

The Committee recognizes the importance of replacing harmful waste removal techniques while simultaneously strengthening the Army's access to alternative fuels on-base. The committee supports existing and future efforts to utilize commercial-scale gasification systems to convert on-base waste into clean energy. The committee also recognizes the added value of converting waste into stored energy using these methods and encourages the Secretary to utilize existing resources to secure additional net zero waste to energy capabilities for domestic Army facilities.

GUANTANAMO BAY DETENTION FACILITY

The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act, and quarterly thereafter, on the current number of detainees at the Guantanamo Bay detention facility; their legal status; a description of all Department of Defense costs associated with the facility during the last two fiscal years by program, account, and activity; the status of funds for the current fiscal year; and a description of steps taken to close the facility.

YEMEN

The Committee directs the Secretary of Defense to provide a briefing to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on the war in Yemen, including the status of the conflict and any United States support provided to the Saudi-led coalition. The briefing should also include information regarding the occupation of islands and other territory of Yemen.

DEFENSE SECURITY COOPERATION AGENCY PROGRAMS

The Secretary of Defense shall, not later than 30 days after the enactment of this Act, submit to the House and Senate Appropriations Committees a detailed spend plan for amounts made available for the Defense Security Cooperation Agency. The plan shall include amounts planned for each program listed in the budget jus-

tification documents and, for International Security Cooperation Programs, amounts provided in the prior two fiscal years and planned for fiscal year 2023 by combatant command, country, and authority. The plan shall only reflect amounts requested in the fiscal year 2023 budget justification materials as modified by fiscal year 2023 appropriations and the Secretary of Defense shall notify such Committees in writing not less than 15 days prior to obligating funds in a manner that would deviate from the plan. A similar document with requested amounts shall be provided to such Committees concurrent with the submission of the fiscal year 2024 budget request.

The Committee recommendation includes $1,377,850,000 for International Security Cooperation Programs, including $175,000,000 for countries in the Africa Command area of responsibility; $130,000,000 for countries in the Southern Command area of responsibility; and $90,000,000 for Jordan. To respond to Russian aggression in Ukraine, the recommendation includes $300,000,000, as requested, for the Ukraine Security Assistance Initiative. This is in addition to $6,000,000,000 for the Initiative, and $9,050,000,000 to replenish United States stocks of equipment sent to Ukraine, provided by the Additional Ukraine Supplemental Appropriations Act, 2022. The recommendation also includes $300,000,000 for allies and partners in the region, including $225,000,000 for the Baltic Security Initiative, $18,750,000 for Poland; $18,750,000 for Romania; $12,500,000 for Bulgaria; and $25,000,000 for Georgia. The Committee directs that not less than the above amounts be specified in the spend plan. The Committee also directs that congressional notifications submitted for International Security Cooperation Programs and the Ukraine Security Assistance Initiative specify the fiscal year, whether funds support ongoing or new programs, and the duration and expected cost over the life of each program.

The Committee recommendation supports programs with countries in the Indo-Pacific Command area of responsibility, including for maritime security. The Committee is concerned about the situation in Sri Lanka and the deployment of Sri Lanka's military and armored vehicles to the streets of Colombo. The Committee recommendation provides funding for Sri Lanka only for human rights programs, women's programs, institutional capacity building programs, and through the Maritime Security Initiative.

The Committee urges close coordination by federal agencies, including the Department of Defense, Department of State, and Department of Homeland Security, in order to develop and meet shared national security objectives, particularly in the Northern Command and Southern Command areas of responsibility.

The Committee recommendation includes $10,000,000 for International Security Cooperation Programs to build partner capacity for humanitarian assistance and disaster relief operations and the Secretary of Defense is directed to consult with the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on the use of funds for these purposes. The Committee recommendation also includes $3,000,000, as requested, for programs that advance the recruitment, employment, development, retention, and promotion of women in foreign security forces

and the Secretary of Defense is directed to submit a spend plan for these funds to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act. The Committee looks forward to reviewing the plan for conducting partner country assessments on barriers to the participation of women in the national security forces of partner countries directed by House Report 117–84, which should inform program development.

The Committee supports increased measures to ensure that security cooperation programs supported by this Act are strategic, address clearly defined goals and objectives, and are integrated with other programs. Accordingly, not later than 90 days after the enactment of this Act, the Secretary of Defense, in coordination with the Secretary of State, shall submit to the congressional defense committees an integrated security cooperation strategy for Georgia, Kenya, Peru, and Vietnam. Each strategy shall include an overview of the security relationship between the United States and the country; a description of the goals, objectives, and milestones of security cooperation programs and initiatives supported by the Department of Defense and the Department of State; a description of how programs complement rather than duplicate one another; funding by account and program for fiscal year 2023 and the prior two fiscal years; and a description of host country capabilities and financial contributions towards shared security goals. The Secretary of Defense shall consult with the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act.

The Committee notes that international security cooperation programs funded under this heading are subject to 10 U.S.C. 362, which prohibits assistance for a unit of a foreign security force if the Secretary of Defense has credible information that the unit has committed a gross violation of human rights. The Committee also expects the Secretary of Defense to withhold assistance for a unit of a foreign security force if the Secretary has credible information that the unit has used United States military assistance against United States personnel and directs the Secretary of Defense to inform the congressional defense committees of any such misuse. Further, the Committee is concerned about end-use monitoring of assistance provided under this heading and expects the Department of Defense to implement any outstanding Government Accountability Office recommendations related to end-use monitoring not later than 45 days after the enactment of this Act.

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

The Committee recommendation includes funding for strategic evaluations and directs an evaluation of how to assess the will to fight of foreign security forces and to incorporate such information in security cooperation programming. The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees on these evaluations not later than 30 days after the enactment of this Act.

The Committee notes the significant unobligated balances from prior year appropriations and the Committee recommendation includes a rescission of funds. The Committee directs that such funds are not derived from congressional priorities, including programs increased by fiscal year 2022 appropriations, and the Secretary of Defense is directed to consult with the House and Senate Appropriations Committees with respect to such rescission not later than 30 days after the enactment of this Act. The Committee notes that the Department of Defense has discontinued the practice of submitting congressional notifications for funds that have not been appropriated and for new programs during a continuing resolution period, addressing concerns raised in House Report 117–88.

CIVILIAN HARM MITIGATION AND RESPONSE

The Committee supports Department of Defense reforms to avoid, mitigate, and respond to civilian harm and notes the January 27, 2022, Memorandum from the Secretary of Defense directing a Civilian Harm Mitigation and Response Action Plan. The explanatory statement for the Department of Defense Appropriations Act, 2022, directed the Secretary to provide a briefing to the congressional defense committees following the release of the plan and the Committee will consider funding for these purposes following this briefing.

EX GRATIA PAYMENTS

The Committee recommendation includes sufficient funds under Operation and Maintenance, Defense-Wide for payments made to redress injury and loss pursuant to section 1213 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92).

FOREIGN BASE NOTIFICATION

The Act requires the Secretary of Defense to notify the congressional defense committees of the opening or closing of foreign bases. The Committee notes that the Department of Defense has not complied with similar requirements from prior years and includes language making funds unavailable for obligation or expenditure until these notifications are submitted.

QUARTERLY REPORTS ON DEPLOYMENTS OF UNITED STATES ARMED FORCES

The Act requires the Secretary of Defense to provide quarterly reports on the deployment of United States Armed Forces by each geographic combatant command. The Committee notes that the Department of Defense has not complied with similar requirements

from prior years and includes language making funds unavailable for obligation and expenditure until these reports are submitted.

MEXICO

The Committee understands that having a combatant command with a focus on the nations on our direct borders is vital to the security of the United States. The Committee also appreciates the close ties between Mexico and its Central and South American neighbors. Given these considerations, the Committee directs the Secretary of Defense to conduct a study of the impact to U.S. security interests of transferring Mexico from the Northern Command area of responsibility to the Southern Command area of responsibility. The Secretary shall submit a report on the results of this study to the congressional defense committees not later than 180 days after the enactment of this Act.

ELECTRO-OPTICAL COMMERCIAL LAYER CONTRACT AND COMBATANT COMMAND REQUIREMENTS

The Committee notes the importance of commercial imagery in supporting users' needs and emerging requirements for the Department of Defense, to include U.S. Special Operations Command and other geographic combatant commands, and the Intelligence Community. The National Reconnaissance Office (NRO) recently finalized negotiations on the Electro-Optical Commercial Layer (EOCL) contract, which is a critical enabler for matching commercial imaging capabilities with these requirements. The Committee fully funds the budget request for EOCL and strongly encourages users across the federal government to utilize this enterprise contract to fulfill electro-optical imagery requirements, maximize efficiency and eliminate duplication. In the event user needs exceed the existing scope of imagery purchases, the Committee encourages users to work within their organizations to identify internal resources while working with the NRO to augment the scope of EOCL to meet mission needs.

## COUNTER-ISIS TRAIN AND EQUIP FUND

| | |
|---|---|
| Fiscal year 2023 budget request | $541,692,000 |
| Committee recommendation | 450,000,000 |
| Change from budget request | −91,692,000 |

The Committee recommends an appropriation of $450,000,000 for the Counter-ISIS Train and Equip Fund which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| Iraq Train and Equip | 358,015 | 300,000 | −58,015 |
| Historical unobligated balances | | −58,015 | |
| Syria Train and Equip | 183,677 | 150,000 | −33,677 |
| Historical unobligated balances | | −33,677 | |
| TOTAL, COUNTER-ISIS TRAIN AND EQUIP FUND | 541,692 | 450,000 | −91,692 |

The Committee recommendation supports the Iraqi Security Forces, Kurdish Peshmerga, and the Syrian Democratic Forces to participate in activities to counter the Islamic State of Iraq and Syria (ISIS). The recommendation continues the requirement that the Secretary of Defense ensure elements are appropriately vetted and receiving commitments from them to promote respect for human rights and the rule of law.

The Committee recommendation includes $300,000,000 to counter ISIS in Iraq. The Committee supports Department of Defense efforts to provide a glidepath for stipend support for the Peshmerga and expects future budget requests to propose reducing this support while continuing training, equipment, and sustainment, as appropriate. The Committee recommendation also includes $150,000,000 to counter ISIS in Syria.

The Committee directs the Secretary of Defense to ensure that congressional notifications submitted for funds provided under this heading include a description of the amount, type, and purpose of assistance to be funded, and the recipient of the assistance; the budget and implementation timeline, with anticipated delivery schedule for assistance; and a description of any material misuse of assistance since the last notification was submitted, along with a description of any remedies taken.

The Act continues the authority for the Secretary of Defense to provide construction for facility fortification and requires the Secretary to prioritize contributions from foreign governments when providing any such assistance. The Committee expects the Secretary of Defense to work with the Secretary of State to encourage contributions from foreign governments and directs that any congressional notification submitted for construction for facility fortification include detailed information on the scope of proposed projects and contributions from foreign governments. The Committee further directs the Secretary of Defense to consult with the House and Senate Appropriations Committees prior to submitting any congressional notification for construction for detention facilities.

In line with expected progress to normalize security assistance for Iraq, the Committee recommendation reduces funding requested under Operation and Maintenance, Air Force, for the Office of Security Cooperation-Iraq. Consistent with the transition described in the June 2021 *Assessment of United States Security Assistance Programs with Iraq* submitted by the Department of Defense, funding for this Office should not be necessary after fiscal year 2023.

## OPERATION AND MAINTENANCE, ARMY RESERVE

| | |
|---|---|
| Fiscal year 2023 budget request | $3,228,504,000 |
| Committee recommendation | 3,169,504,000 |
| Change from budget request | −59,000,000 |

The Committee recommends an appropriation of $3,169,504,000 for Operation and Maintenance, Army Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | | Budget Request | Committee Recommended | Change from request |
|---|---|---|---|---|
| 112 | MODULAR SUPPORT BRIGADES | 14,404 | 14,404 | 0 |
| 113 | ECHELONS ABOVE BRIGADES | 662,104 | 632,104 | -30,000 |
| | Unjustified growth | | -30,000 | |
| 114 | THEATER LEVEL ASSETS | 133,599 | 131,599 | -2,000 |
| | Unjustified growth | | -2,000 | |
| 115 | LAND FORCES OPERATIONS SUPPORT | 646,693 | 638,693 | -8,000 |
| | Unjustified growth | | -8,000 | |
| 116 | AVIATION ASSETS | 128,883 | 125,883 | -3,000 |
| | Unjustified growth | | -3,000 | |
| 121 | FORCES READINESS OPERATIONS SUPPORT | 409,994 | 409,994 | 0 |
| 122 | LAND FORCES SYSTEM READINESS | 90,595 | 90,595 | 0 |
| 123 | LAND FORCES DEPOT MAINTENANCE | 44,453 | 44,453 | 0 |
| 131 | BASE OPERATIONS SUPPORT | 567,170 | 567,170 | 0 |
| 132 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 358,772 | 358,772 | 0 |
| 133 | MANAGEMENT AND OPERATIONAL HEADQUARTERS | 22,112 | 22,112 | 0 |
| 151 | CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS | 2,929 | 2,929 | 0 |
| 153 | CYBERSPACE ACTIVITIES - CYBERSECURITY | 7,382 | 7,382 | 0 |
| 421 | SERVICEWIDE TRANSPORTATION | 18,994 | 18,994 | 0 |
| 431 | ADMINISTRATION | 20,670 | 20,670 | 0 |
| 432 | SERVICEWIDE COMMUNICATIONS | 31,652 | 31,652 | 0 |
| 433 | MANPOWER MANAGEMENT | 6,852 | 6,852 | 0 |
| 434 | OTHER PERSONNEL SUPPORT | 61,246 | 61,246 | 0 |
| | HISTORICAL UNOBLIGATED BALANCES | | -18,000 | -18,000 |
| | TRAUMA TRAINING | | 2,000 | 2,000 |

## OPERATION AND MAINTENANCE, NAVY RESERVE

| | |
|---|---|
| Fiscal year 2023 budget request | $1,228,300,000 |
| Committee recommendation | 1,216,300,000 |
| Change from budget request | −12,000,000 |

The Committee recommends an appropriation of $1,216,300,000 for Operation and Maintenance, Navy Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1A1A MISSION AND OTHER FLIGHT OPERATIONS | 669,533 | 662,533 | -7,000 |
| Unjustified growth | | -7,000 | |
| 1A3A INTERMEDIATE MAINTENANCE | 11,134 | 11,134 | 0 |
| 1A5A AIRCRAFT DEPOT MAINTENANCE | 164,892 | 164,892 | 0 |
| 1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT | 494 | 494 | 0 |
| 1A9A AVIATION LOGISTICS | 25,843 | 25,843 | 0 |
| 1C1C COMBAT COMMUNICATIONS | 20,135 | 20,135 | 0 |
| 1C6C COMBAT SUPPORT FORCES | 131,104 | 131,104 | 0 |
| 1CCY CYBERSPACE ACTIVITIES | 289 | 289 | |
| BSIT ENTERPRISE INFORMATION TECHNOLOGY | 27,189 | 27,189 | 0 |
| BSMR SUSTAINMENT, RESTORATION & MODERNIZATION | 44,784 | 44,784 | 0 |
| BSSR BASE OPERATING SUPPORT | 116,374 | 116,374 | |
| 4A1M ADMINISTRATION | 1,986 | 1,986 | 0 |
| 4A4M MILITARY MANPOWER & PERSONNEL | 12,550 | 12,550 | 0 |
| 4B3N ACQUISITION AND PROGRAM MANAGEMENT | 1,993 | 1,993 | 0 |
| HISTORICAL UNOBLIGATED BALANCES | | -7,000 | -7,000 |
| TRAUMA TRAINING | | 2,000 | 2,000 |

## OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

| | |
|---|---|
| Fiscal year 2023 budget request | $304,233,000 |
| Committee recommendation | 340,733,000 |
| Change from budget request | +36,500,000 |

The Committee recommends an appropriation of $340,733,000 for Operation and Maintenance, Marine Corps Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1A1A OPERATING FORCES | 109,045 | 146,545 | 37,500 |
| Program increase - cold weather clothing, combat clothing and equipment | | 37,500 | |
| 1A3A DEPOT MAINTENANCE | 19,361 | 19,361 | - |
| BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION | 45,430 | 45,430 | - |
| BSS1 BASE OPERATING SUPPORT | 118,364 | 118,364 | |
| 4A4G ADMINISTRATION | 12,033 | 12,033 | |
| HISTORICAL UNOBLIGATED BALANCES | | -3,000 | -3,000 |
| TRAUMA TRAINING | | 2,000 | 2,000 |

## OPERATION AND MAINTENANCE, AIR FORCE RESERVE

| | |
|---|---|
| Fiscal year 2023 budget request | $3,564,544,000 |
| Committee recommendation | 3,535,544,000 |
| Change from budget request | −29,000,000 |

The Committee recommends an appropriation of $3,535,544,000 for Operation and Maintenance, Air Force Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 11A | PRIMARY COMBAT FORCES | 1,743,908 | 1,732,908 | -11,000 |
| | Unjustified growth | | -11,000 | |
| 11G | MISSION SUPPORT OPERATIONS | 193,568 | 193,568 | 0 |
| 11M | DEPOT PURCHASE EQUIPMENT MAINTENANCE | 493,664 | 493,664 | 0 |
| 11R | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 133,782 | 133,782 | 0 |
| 11W | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT | 341,724 | 341,724 | 0 |
| 11Z | BASE OPERATING SUPPORT | 522,195 | 522,195 | 0 |
| 12D | CYBERSPACE ACTIVITIES | 1,706 | 6,706 | 5,000 |
| | Program increase - automated security validation system | | 5,000 | |
| 42A | ADMINISTRATION | 102,038 | 102,038 | 0 |
| 42J | RECRUITING AND ADVERTISING | 9,057 | 9,057 | 0 |
| 42K | MILITARY MANPOWER AND PERSONNEL MANAGEMENT | 14,896 | 14,896 | 0 |
| 42L | OTHER PERSONNEL SUPPORT | 7,544 | 7,544 | 0 |
| 42M | AUDIOVISUAL | 462 | 462 | 0 |
| | HISTORICAL UNOBLIGATED BALANCES | | -25,000 | -25,000 |
| | TRAUMA TRAINING | | 2,000 | 2,000 |

## OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

| | |
|---|---|
| Fiscal year 2023 budget request | $8,157,237,000 |
| Committee recommendation | 8,094,937,000 |
| Change from budget request | −62,300,000 |

The Committee recommends an appropriation of $8,094,937,000 for Operation and Maintenance, Army National Guard which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 111 MANEUVER UNITS | 964,237 | 960,737 | -3,500 |
| Program increase - Northern Strike | | 11,500 | |
| Unjustified growth | | -15,000 | |
| 112 MODULAR SUPPORT BRIGADES | 214,191 | 214,191 | 0 |
| 113 ECHELONS ABOVE BRIGADE | 820,752 | 820,752 | 0 |
| 114 THEATER LEVEL ASSETS | 97,184 | 97,184 | 0 |
| 115 LAND FORCES OPERATIONS SUPPORT | 54,595 | 52,595 | -2,000 |
| Unjustified growth | | -2,000 | |
| 116 AVIATION ASSETS | 1,169,826 | 1,160,826 | -9,000 |
| Unjustified growth | | -9,000 | |
| 121 FORCE READINESS OPERATIONS SUPPORT | 722,788 | 722,788 | 0 |
| 122 LAND FORCES SYSTEMS READINESS | 46,580 | 46,580 | 0 |
| 123 LAND FORCES DEPOT MAINTENANCE | 259,765 | 259,765 | 0 |
| 131 BASE OPERATIONS SUPPORT | 1,151,215 | 1,146,215 | -5,000 |
| Unjustified growth | | -5,000 | |
| 132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 1,053,996 | 1,053,996 | 0 |
| 133 MANAGEMENT AND OPERATIONAL HEADQUARTERS | 1,148,286 | 1,148,286 | 0 |
| 151 CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS | 8,715 | 8,715 | 0 |
| 153 CYBERSPACE ACTIVITIES - CYBERSECURITY | 8,307 | 8,307 | 0 |
| 421 SERVICEWIDE TRANSPORTATION | 6,961 | 6,961 | 0 |
| 431 ADMINISTRATION | 73,641 | 81,841 | 8,200 |
| Program increase - State Partnership Program | | 8,200 | |
| 432 SERVICEWIDE COMMUNICATIONS | 100,389 | 100,389 | 0 |
| 433 MANPOWER MANAGEMENT | 9,231 | 9,231 | 0 |
| 434 OTHER PERSONNEL SUPPORT | 243,491 | 243,491 | 0 |
| 437 REAL ESTATE MANAGEMENT | 3,087 | 3,087 | 0 |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| HISTORICAL UNOBLIGATED BALANCES | | -54,000 | -54,000 |
| TRAUMA TRAINING | | 3,000 | 3,000 |

## OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

| | |
|---|---|
| Fiscal year 2023 budget request | $6,900,679,000 |
| Committee recommendation | 6,908,979,000 |
| Change from budget request | +8,300,000 |

The Committee recommends an appropriation of $6,908,979,000 for Operation and Maintenance, Air National Guard which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 11F | AIRCRAFT OPERATIONS | 2,301,784 | 2,294,784 | -7,000 |
| | Program increase - Northern Strike | | 1,000 | |
| | Unjustified growth | | -8,000 | |
| 11G | MISSION SUPPORT OPERATIONS | 587,793 | 598,193 | 10,400 |
| | Program increase - State Partnership Program | | 5,100 | |
| | Program increase - ANG JTAC contractor support | | 8,000 | |
| | Transfer to OP,AF PE 52831F | | -2,700 | |
| 11M | DEPOT PURCHASE EQUIPMENT MAINTENANCE | 1,193,699 | 1,201,699 | 8,000 |
| | Program increase - KC-135 | | 8,000 | |
| 11R | REAL PROPERTY MAINTENANCE | 437,042 | 471,042 | 34,000 |
| | Program increase - runway renovation projects | | 16,000 | |
| | Program increase - facility enhancements for future foreign military training sites | | 18,000 | |
| 11W | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT | 1,284,264 | 1,269,264 | -15,000 |
| | Unjustified growth | | -15,000 | |
| 11Z | BASE OPERATING SUPPORT | 967,169 | 969,569 | 2,400 |
| | Program increase - MQ-9 dissemination hub | | 2,400 | |
| 11V | CYBERSPACE SUSTAINMENT | 12,661 | 12,661 | 0 |
| 12D | CYBERSPACE ACTIVITIES | 15,886 | 15,886 | 0 |
| 42A | ADMINISTRATION | 52,075 | 52,075 | 0 |
| 42J | RECRUITING AND ADVERTISING | 48,306 | 48,306 | 0 |
| | DENY CLOSURE OF COMBAT READINESS TRAINING CENTER | | 2,500 | 2,500 |
| | TRAUMA TRAINING | | 3,000 | 3,000 |
| | HISTORICAL UNOBLIGATED BALANCES | | -30,000 | -30,000 |

COMBAT READINESS TRAINING CENTER

The Committee acknowledges the need for the Services to manage their facilities and installations that meet readiness training requirements. The Committee, however, does not support decisions by the Department of Defense or the Services, either by the Active or Reserve Components, to invest in upgrades for installations, bases, or training centers, only to be followed by the closure of these facilities. This seems to be a waste of taxpayer funds. The Committee includes $2,500,000 under the Operation and Maintenance, Air National Guard account to review policies and procedures for closing any combat readiness training center.

## UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

| | |
|---|---|
| Fiscal year 2023 budget request | $16,003,000 |
| Committee recommendation | 16,003,000 |
| Change from budget request | – – – |

The Committee recommends an appropriation of $16,003,000 for the United States Court of Appeals for the Armed Forces.

## ENVIRONMENTAL RESTORATION, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $196,244,000 |
| Committee recommendation | 273,700,000 |
| Change from budget request | +77,456,000 |

The Committee recommends an appropriation of $273,700,000 for Environmental Restoration, Army.

## ENVIRONMENTAL RESTORATION, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $359,348,000 |
| Committee recommendation | 390,113,000 |
| Change from budget request | +30,765,000 |

The Committee recommends an appropriation of $390,113,000 for Environmental Restoration, Navy.

## ENVIRONMENTAL RESTORATION, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $314,474,000 |
| Committee recommendation | 438,810,000 |
| Change from budget request | +124,336,000 |

The Committee recommends an appropriation of $438,810,000 for Environmental Restoration, Air Force.

## ENVIRONMENTAL RESTORATION, DEFENSE WIDE

| | |
|---|---|
| Fiscal year 2023 budget request | $8,924,000 |
| Committee recommendation | 10,979,000 |
| Change from budget request | +2,055,000 |

The Committee recommends an appropriation of $10,979,000 for Environmental Restoration, Defense-Wide.

## ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

| | |
|---|---|
| Fiscal year 2023 budget request | $227,262,000 |
| Committee recommendation | 292,580,000 |
| Change from budget request | +65,318,000 |

The Committee recommends an appropriation of $292,580,000 for Environmental Restoration, Formerly Used Defense Sites. The Committee expects the Secretary of Defense and the Service Secretaries to execute the Military Munitions Response Program in a manner consistent with the budget request.

## OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

| | |
|---|---|
| Fiscal year 2023 budget request | $112,800,000 |
| Committee recommendation | 150,000,000 |
| Change from budget request | +37,200,000 |

The Committee recommends an appropriation of $150,000,000 for Overseas Humanitarian, Disaster, and Civic Aid, which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| FOREIGN DISASTER RELIEF | 20,000 | 25,000 | 5,000 |
| Program increase | | 5,000 | |
| HUMANITARIAN ASSISTANCE | 77,800 | 100,000 | 22,200 |
| Program increase | | 22,200 | |
| HUMANITARIAN MINE ACTION PROGRAM | 15,000 | 25,000 | 10,000 |
| Program increase | | 10,000 | |
| TOTAL, OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID | 112,800 | 150,000 | 37,200 |

The Committee directs the Secretary of Defense to submit a spend plan for Humanitarian Assistance and the Humanitarian Mine Action Program to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act. The plan shall include amounts planned for each combatant command, country, and program area, as well as a comparison to funding provided in the previous two fiscal years. Such information shall be included in the justification materials that accompany the fiscal year 2024 budget request.

The Committee recommendation supports Humanitarian Mine Action Program training in third party countries to increase the cost effectiveness of programs and to assist countries such as Ukraine, where the safety of training and host country personnel are a concern. The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on the use of funds for these purposes.

## COOPERATIVE THREAT REDUCTION ACCOUNT

| | |
|---|---|
| Fiscal year 2023 budget request | $341,598,000 |
| Committee recommendation | 351,598,000 |
| Change from budget request | +10,000,000 |

The Committee recommends an appropriation of $351,598,000 for the Cooperative Threat Reduction Account which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| Strategic Offensive Arms Elimination | 6,859 | 6,859 | 0 |
| Chemical Weapons Destruction | 14,998 | 14,998 | 0 |
| Global Nuclear Security | 18,088 | 18,088 | 0 |
| Biological Threat Reduction Program | 225,000 | 235,000 | 10,000 |
| Program increase—Biological Threat Reduction Program | | 10,000 | |
| Proliferation Prevention Program | 45,890 | 45,890 | 0 |
| Other Assessments/Admin Costs | 30,763 | 30,763 | 0 |
| TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT | 341,598 | 351,598 | 10,000 |

## DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT

| | |
|---|---|
| Fiscal year 2023 budget request | $53,791,000 |
| Committee recommendation | 53,791,000 |
| Change from budget request | – – – |

The Committee recommends an appropriation of $53,791,000 for the Department of Defense Acquisition Workforce Development Account.

# TITLE III

## PROCUREMENT

The fiscal year 2023 Department of Defense procurement budget request totals $144,879,111,000. The Committee recommendation provides $143,912,386,000 for the procurement accounts. The table below summarizes the Committee recommendations:

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SUMMARY | | | | | | |
| ARMY | | | | | | |
| AIRCRAFT | --- | 2,849,655 | --- | 3,276,970 | | +427,315 |
| MISSILES | --- | 3,761,915 | --- | 3,750,465 | | -11,450 |
| WEAPONS AND TRACKED COMBAT VEHICLES | --- | 3,576,030 | --- | 3,604,302 | | +28,272 |
| AMMUNITION | --- | 2,639,051 | --- | 2,576,648 | | -62,403 |
| OTHER | --- | 8,457,509 | --- | 8,233,869 | | -223,640 |
| TOTAL, ARMY | --- | 21,284,160 | --- | 21,442,254 | | +158,094 |
| NAVY | | | | | | |
| AIRCRAFT | --- | 16,848,428 | --- | 16,334,708 | | -513,720 |
| WEAPONS | --- | 4,738,705 | --- | 4,594,139 | | -144,566 |
| AMMUNITION | --- | 1,052,292 | --- | 911,982 | | -140,310 |
| SHIPS | --- | 27,917,854 | --- | 27,780,407 | | -137,447 |
| OTHER | --- | 11,746,503 | --- | 11,285,187 | | -461,316 |
| MARINE CORPS | --- | 3,681,506 | --- | 3,414,365 | | -267,141 |
| TOTAL, NAVY | --- | 65,985,288 | --- | 64,320,788 | | -1,664,500 |
| AIR FORCE | | | | | | |
| AIRCRAFT | --- | 18,517,428 | --- | 18,114,396 | | -403,032 |
| MISSILES | --- | 2,962,417 | --- | 2,866,722 | | -95,695 |
| AMMUNITION | --- | 903,630 | --- | 890,530 | | -13,100 |
| OTHER | | 25,691,113 | | 25,426,674 | | -264,439 |
| TOTAL, AIR FORCE | --- | 48,074,588 | --- | 47,298,322 | | -776,266 |
| SPACE FORCE | | | | | | |
| SPACE PROGRAMS | | 3,629,669 | | 3,717,369 | | +87,700 |
| TOTAL, SPACE FORCE | | 3,629,669 | | 3,717,369 | | +87,700 |
| DEFENSE-WIDE | | | | | | |
| DEFENSE-WIDE | --- | 5,245,500 | --- | 5,425,747 | | +180,247 |
| NATIONAL GUARD AND RESERVE EQUIPMENT | | --- | | 1,000,000 | | +1,000,000 |
| DEFENSE PRODUCTION ACT PURCHASES | --- | 659,906 | --- | 707,906 | | +48,000 |
| TOTAL PROCUREMENT | | 144,879,111 | | 143,912,386 | | -966,725 |

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

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

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval 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.

PROCUREMENT SPECIAL INTEREST ITEMS

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

## AIRCRAFT PROCUREMENT, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $2,849,655,000 |
| Committee recommendation | 3,276,970,000 |
| Change from budget request | +427,315,000 |

The Committee recommends an appropriation of $3,276,970,000 for Aircraft Procurement, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | SMALL UNMANNED AIRCRAFT SYSTEMS | 10,598 | 10,598 | 0 |
| 7 | AH-64 APACHE BLOCK IIIA REMAN | 524,661 | 524,661 | 0 |
| 8 | AH-64 APACHE BLOCK IIIA REMAN (AP) | 169,218 | 169,218 | 0 |
| 10 | UH-60 BLACKHAWK M MODEL (MYP) | 650,406 | 923,406 | 273,000 |
| | Program increase - ten UH-60M for the National Guard | | 273,000 | |
| 11 | UH-60 BLACKHAWK M MODEL (MYP) (AP) | 68,147 | 68,147 | 0 |
| 12 | UH-60 BLACK HAWK L AND V MODELS | 178,658 | 178,658 | 0 |
| 13 | CH-47 HELICOPTER | 169,149 | 169,149 | 0 |
| 14 | CH-47 HELICOPTER (AP) | 18,749 | 18,749 | 0 |
| 16 | MQ-1 PAYLOAD | 57,700 | 57,700 | 0 |
| 18 | GRAY EAGLE MODS2 | 13,038 | 143,038 | 130,000 |
| | Program increase - ELINT upgrades | | 10,000 | |
| | Program increase - MQ-1C Gray Eagle extended range multi-domain operations | | 120,000 | |
| 19 | MULTI SENSOR ABN RECON | 21,380 | 21,380 | 0 |
| 20 | AH-64 MODS | 85,840 | 85,840 | 0 |
| 21 | CH-47 CARGO HELICOPTER MODS (MYP) | 11,215 | 51,215 | 40,000 |
| | Program increase - CH-47 degraded visual environment | | 25,000 | |
| | Program increase - hybrid enhanced ballistic protection system | | 15,000 | |
| 24 | EMARSS SEMA MODS | 1,591 | 1,591 | 0 |
| 26 | UTILITY HELICOPTER MODS | 21,346 | 21,346 | 0 |
| 27 | NETWORK AND MISSION PLAN | 44,526 | 44,526 | 0 |
| 28 | COMMS, NAV SURVEILLANCE | 72,387 | 72,387 | 0 |
| 30 | AVIATION ASSURED PNT | 71,130 | 69,320 | -1,810 |
| | PM costs excess | | -1,810 | |
| 31 | GATM ROLLUP | 14,683 | 14,683 | 0 |
| 34 | AIRCRAFT SURVIVABILITY EQUIPMENT | 167,927 | 167,927 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 35 | SURVIVABILITY CM | 6,622 | 6,622 | 0 |
| 36 | CMWS | 107,112 | 107,112 | 0 |
| 37 | COMMON INFRARED COUNTERMEASURES (CIRCM) | 288,209 | 274,334 | -13,875 |
| | Unit cost increases | | -13,875 | |
| 39 | COMMON GROUND EQUIPMENT | 20,823 | 20,823 | 0 |
| 40 | AIRCREW INTEGRATED SYSTEMS | 25,773 | 25,773 | 0 |
| 41 | AIR TRAFFIC CONTROL | 27,492 | 27,492 | 0 |
| 42 | LAUNCHER, 2.75 ROCKET | 1,275 | 1,275 | 0 |

## MISSILE PROCUREMENT, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $3,761,915,000 |
| Committee recommendation | 3,750,465,000 |
| Change from budget request | −11,450,000 |

The Committee recommends an appropriation of $3,750,465,000 for Missile Procurement, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | LOWER TIER AIR AND MISSILE DEFENSE (AMD) | 4,260 | 4,260 | 0 |
| 2 | LOWER TIER AIR AND MISSILE DEFENSE (AMD) (AP) | 9,200 | 9,200 | 0 |
| 3 | M-SHORAD - PROCUREMENT | 135,747 | 135,747 | 0 |
| 4 | MSE MISSILE | 1,037,093 | 1,037,093 | 0 |
| 5 | PRECISION STRIKE MISSILE (PRSM) | 213,172 | 213,172 | 0 |
| 6 | INDIRECT FIRE PROTECTION CAPABILITY INC 2-I | 18,924 | 18,924 | 0 |
| 7 | HELLFIRE SYS SUMMARY | 111,294 | 101,401 | -9,893 |
| | Unit cost increase | | -6,893 | |
| | Government management excess request | | -3,000 | |
| 8 | JOINT AIR-TO-GROUND MSLS (JAGM) | 216,030 | 216,030 | 0 |
| 10 | LONG-RANGE HYPERSONIC WEAPON | 249,285 | 249,285 | 0 |
| 11 | JAVELIN (AAWS-M) SYSTEM SUMMARY | 162,968 | 162,968 | 0 |
| 12 | TOW 2 SYSTEM SUMMARY | 105,423 | 103,866 | -1,557 |
| | Unit cost increase | | -1,557 | |
| 13 | GUIDED MLRS ROCKET (GMLRS) | 785,028 | 785,028 | 0 |
| 14 | MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) | 4,354 | 4,354 | 0 |
| 15 | HIGH MOBILITY ARTILLERY ROCKET SYSTEM | 155,705 | 155,705 | 0 |
| 16 | LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) | 37,937 | 37,937 | 0 |
| 17 | PATRIOT MODS | 253,689 | 253,689 | 0 |
| 20 | ITAS/TOW MODS | 5,154 | 5,154 | 0 |
| 21 | MLRS MODS | 218,359 | 218,359 | 0 |
| 22 | HIMARS MODIFICATIONS | 20,468 | 20,468 | 0 |
| 23 | SPARES AND REPAIR PARTS | 6,508 | 6,508 | 0 |
| 24 | AIR DEFENSE TARGETS | 11,317 | 11,317 | 0 |

## PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $3,576,030,000 |
| Committee recommendation | 3,604,302,000 |
| Change from budget request | +28,272,000 |

The Committee recommends an appropriation of $3,604,302,000 for Procurement of Weapons and Tracked Combat Vehicles, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | ARMORED MULTI PURPOSE VEHICLE (AMPV) | 380,677 | 380,677 | 0 |
| 2 | ASSAULT BREACHER VEHICLE (ABV) | 3,852 | 3,852 | 0 |
| 3 | MOBILE PROTECTED FIREPOWER | 356,708 | 354,708 | -2,000 |
| | Government management excess | | -2,000 | |
| 4 | STRYKER UPGRADE | 671,271 | 642,957 | -28,314 |
| | Carryover | | -18,189 | |
| | Unit cost increases | | -10,125 | |
| 5 | BRADLEY PROGRAM (MOD) | 279,531 | 212,845 | -66,686 |
| | A4 mods ahead of need | | -19,133 | |
| | A4 mods unit cost increases | | -47,553 | |
| 6 | M109 FOV MODIFICATIONS | 3,028 | 3,028 | 0 |
| 7 | PALADIN INTEGRATED MANAGEMENT (PIM) | 493,003 | 680,089 | 187,086 |
| | Unit cost increases | | -6,318 | |
| | Theater provided equipment ahead of need | | -16,596 | |
| | Program increase | | 210,000 | |
| 8 | IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) | 138,759 | 132,203 | -6,556 |
| | Carryover | | -6,556 | |
| 12 | JOINT ASSAULT BRIDGE | 36,990 | 36,990 | 0 |
| 14 | ABRAMS UPGRADE PROGRAM | 656,340 | 634,340 | -22,000 |
| | Unit cost increases | | -22,000 | |
| 17 | MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL | 26,627 | 26,627 | 0 |
| 18 | MORTAR SYSTEMS | 8,516 | 8,516 | 0 |
| 19 | LOCATION & AZIMUTH DETERMINATION SYSTEM | 48,301 | 48,301 | 0 |
| 20 | XM320 GRENADE LAUNCHER MODULE (GLM) | 11,703 | 11,703 | 0 |
| 21 | PRECISION SNIPER RIFLE | 6,436 | 6,436 | 0 |
| 24 | NEXT GENERATION SQUAD WEAPON | 221,293 | 185,035 | -36,258 |
| | Fire control contract delays insufficient justification | | -36,258 | |
| 28 | M777 MODS | 3,374 | 3,374 | 0 |
| 30 | M2 50 CAL MACHINE GUN MODS | 0 | 3,000 | 3,000 |
| | Program increase - cannon life extension program | | 3,000 | |
| 33 | M119 MODIFICATIONS | 2,263 | 2,263 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 36 | ITEMS LESS THAN $5.0M (WOCV-WTCV) | 2,138 | 2,138 | 0 |
| 37 | PRODUCTION BASE SUPPORT (WOCV-WTCV) | 225,220 | 225,220 | 0 |

## PROCUREMENT OF AMMUNITION, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $2,639,051,000 |
| Committee recommendation | 2,576,648,000 |
| Change from budget request | −62,403,000 |

The Committee recommends an appropriation of $2,576,648,000 for Procurement of Ammunition, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **CTG, 5.56MM, ALL TYPES** | **59,447** | **64,724** | **5,277** |
| | Ahead of need | | -4,723 | |
| | Program increase | | 10,000 | |
| 2 | **CTG, 7.62MM, ALL TYPES** | **90,019** | **96,364** | **6,345** |
| | Carryover | | -3,655 | |
| | Program increase | | 10,000 | |
| 3 | **NEXT GENERATION SQUAD WEAPON AMMUNITION** | **128,662** | **96,496** | **-32,166** |
| | Schedule delays | | -32,166 | |
| 4 | **CTG, HANDGUN, ALL TYPES** | **317** | **317** | **0** |
| 5 | **CTG, .50 CAL, ALL TYPES** | **35,849** | **41,133** | **5,284** |
| | Carryover | | -4,716 | |
| | Program increase | | 10,000 | |
| 6 | **CTG, 20MM, ALL TYPES** | **11,761** | **11,761** | **0** |
| 7 | **CTG, 25MM, ALL TYPES** | **10,270** | **10,270** | **0** |
| 8 | **CTG, 30MM, ALL TYPES** | **143,045** | **143,045** | **0** |
| 9 | **CTG, 40MM, ALL TYPES** | **85,213** | **82,199** | **-3,014** |
| | Carryover | | -3,014 | |
| 10 | **60MM MORTAR, ALL TYPES** | **33,338** | **30,262** | **-3,076** |
| | Ahead of need | | -3,076 | |
| 11 | **81MM MORTAR, ALL TYPES** | **56,577** | **54,416** | **-2,161** |
| | Ahead of need | | -2,161 | |
| 12 | **120MM MORTAR, ALL TYPES** | **127,168** | **117,101** | **-10,067** |
| | Ahead of need | | -10,067 | |
| 13 | **CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES** | **296,943** | **296,943** | **0** |
| 14 | **ARTILLERY CARTRIDGES, 75MM & 105MM, ALL** | **7,647** | **7,647** | **0** |
| 15 | **ARTILLERY PROJECTILE, 155MM, ALL TYPES** | **182,455** | **184,969** | **2,514** |
| | Monthly obligation plan less than request | | -17,486 | |
| | Program increase - XM1113 and XM1128 | | 20,000 | |
| 17 | **PRECISION ARTILLERY MUNITIONS** | **166,334** | **156,371** | **-9,963** |
| | Ahead of need | | -9,963 | |
| 18 | **ARTILLERY PROPELLANTS, FUZES AND PRIMERS** | **143,763** | **126,661** | **-17,102** |
| | Ahead of need | | -17,102 | |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 19 | MINES & CLEARING CHARGES, ALL TYPES<br>APOBS unit cost increases | 80,920 | 76,646<br>-4,274 | -4,274 |
| 20 | CLOSE TERRAIN SHAPING OBSTACLE | 53,579 | 53,579 | 0 |
| 21 | SHOULDER LAUNCHED MUNITIONS, ALL TYPES | 18,159 | 18,159 | 0 |
| 22 | ROCKET, HYDRA 70, ALL TYPES | 171,697 | 171,697 | 0 |
| 23 | CAD/PAD, ALL TYPES | 7,643 | 7,643 | 0 |
| 24 | DEMOLITION MUNITIONS, ALL TYPES | 29,796 | 29,796 | 0 |
| 25 | GRENADES, ALL TYPES | 36,251 | 36,251 | 0 |
| 26 | SIGNALS, ALL TYPES | 13,852 | 13,852 | 0 |
| 27 | SIMULATORS, ALL TYPES | 9,350 | 9,350 | 0 |
| 29 | AMMO COMPONENTS, ALL TYPES | 3,823 | 3,823 | 0 |
| 30 | ITEMS LESS THAN $5 MILLION (AMMO) | 19,921 | 19,921 | 0 |
| 31 | AMMUNITION PECULIAR EQUIPMENT | 13,001 | 13,001 | 0 |
| 32 | FIRST DESTINATION TRANSPORTATION (AMMO) | 17,528 | 17,528 | 0 |
| 33 | CLOSEOUT LIABILITIES | 101 | 101 | 0 |
| 34 | INDUSTRIAL FACILITIES | 499,613 | 499,613 | 0 |
| 35 | CONVENTIONAL MUNITIONS DEMILITARIZATION | 80,970 | 80,970 | 0 |
| 36 | ARMS INITIATIVE | 4,039 | 4,039 | 0 |

## OTHER PROCUREMENT, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $8,457,509,000 |
| Committee recommendation | 8,233,869,000 |
| Change from budget request | −213,640,000 |

The Committee recommends an appropriation of $8,233,869,000 for Other Procurement, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | SEMITRAILERS, FLATBED | 23,021 | 23,021 | 0 |
| 3 | SEMITRAILERS, TANKERS | 21,869 | 19,369 | -2,500 |
| | Carryover | | -2,500 | |
| 4 | HI MOB MULTI-PURP WHLD VEH (HMMWV) | 6,121 | 6,121 | 0 |
| 5 | GROUND MOBILITY VEHICLES (GMV) | 34,316 | 44,316 | 10,000 |
| | Program increase - Infantry Squad Vehicle | | 10,000 | |
| 6 | ARNG HMMWV MODERNIZATION PROGRAM | 0 | 120,000 | 120,000 |
| | Program increase | | 120,000 | |
| 7 | JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES | 703,110 | 686,396 | -16,714 |
| | Unit cost increases | | -16,714 | |
| 8 | TRUCK, DUMP, 20T (CCE) | 0 | 30,000 | 30,000 |
| | Program increase | | 30,000 | |
| 9 | FAMILY OF MEDIUM TACTICAL VEH (FMTV) | 74,086 | 63,175 | -10,911 |
| | SEPM and fielding ahead of need | | -10,911 | |
| 10 | FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE | 23,772 | 23,772 | 0 |
| 11 | FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP | 39,950 | 39,950 | 0 |
| 12 | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) | 96,112 | 89,642 | -6,470 |
| | Costs ahead of need | | -6,470 | |
| 13 | PLS ESP | 54,674 | 54,674 | 0 |
| 15 | TACTICAL WHEELED VEHICLE PROTECTION KITS | 0 | 20,000 | 20,000 |
| | Program increase - JLTV explosively formed penetrator protection kits | | 20,000 | |
| 16 | MODIFICATION OF IN SVC EQUIP | 31,819 | 82,319 | 50,500 |
| | Program increase - HMMWV ABS/ESC retrofit kits | | 50,500 | |
| 17 | PASSENGER CARRYING VEHICLES | 1,286 | 1,286 | 0 |
| 18 | NONTACTICAL VEHICLES, OTHER | 15,059 | 15,059 | 0 |
| 19 | SIGNAL MODERNIZATION PROGRAM | 179,853 | 179,853 | 0 |
| 20 | TACTICAL NETWORK TECHNOLOGY MOD IN SVC | 382,007 | 420,407 | 38,400 |
| | Program increase - armored formation on the move | | 38,400 | |
| 22 | DISASTER INCIDENT RESPONSE COMMS TERMINAL | 4,066 | 4,066 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 23 | JCSE EQUIPMENT (USRDECOM) | 5,505 | 5,505 | 0 |
| 26 | DEFENSE ENTERPRISE WIDEBAND SATCOM | 107,228 | 107,228 | 0 |
| 27 | TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS | 119,259 | 109,836 | -9,423 |
| | Carryover | | -5,009 | |
| | Costs ahead of need | | -4,414 | |
| 28 | SHF TERM | 23,173 | 23,173 | 0 |
| 29 | ASSURED POSITIONING, NAVIGATION AND TIMING | 184,911 | 184,911 | 0 |
| 30 | EHF SATELLITE COMMUNICATION | 5,853 | 5,853 | 0 |
| 31 | SMART-T (SPACE) | 4,916 | 4,916 | 0 |
| 32 | GLOBAL BRDCST SVC - GBS | 3,179 | 3,179 | 0 |
| 34 | COE TACTICAL SERVER INFRASTRUCTURE (TSI) | 94,287 | 94,287 | 0 |
| 35 | HANDHELD MANPACK SMALL FORM FIT (HMS) | 728,366 | 682,375 | -45,991 |
| | SCDR reduction tied to IVAS reduction | | -23,096 | |
| | Manpack unit cost increases | | -8,123 | |
| | Manpack support costs previously funded | | -14,772 | |
| 37 | ARMY LINK 16 SYSTEMS | 47,581 | 47,581 | 0 |
| 38 | TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM | 0 | 15,000 | 15,000 |
| | Program increase - active hearing protection | | 15,000 | |
| 39 | UNIFIED COMMAND SUITE | 20,178 | 30,178 | 10,000 |
| | Program increase - communications interoperability mission improvements | | 10,000 | |
| 40 | COTS COMMUNICATIONS EQUIPMENT | 320,595 | 323,654 | 3,059 |
| | LCTRR costs previously funded | | -6,941 | |
| | Program increase - high frequency radios | | 10,000 | |
| 41 | FAMILY OF MED COMM FOR COMBAT CASUALTY CARE | 7,621 | 7,621 | 0 |
| 42 | ARMY COMMUNICATIONS & ELECTRONICS | 59,705 | 59,705 | 0 |
| 43 | CI AUTOMATION ARCHITECTURE-INTEL | 13,891 | 13,891 | 0 |
| 45 | MULTI-DOMAIN INTELLIGENCE | 20,637 | 20,637 | 0 |
| 46 | INFORMATION SYSTEM SECURITY PROGRAM-ISSP | 1,019 | 1,019 | 0 |
| 47 | COMMUNICATIONS SECURITY (COMSEC) | 125,692 | 125,692 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 49 | INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITORING | 1,796 | 1,796 | 0 |
| 51 | BIOMETRIC ENABLING CAPABILITY (BEC) | 816 | 816 | 0 |
| 52 | ARCYBER DEFENSIVE CYBER OPERATIONS | 18,239 | 18,239 | 0 |
| 54 | BASE SUPPORT COMMUNICATIONS | 10,262 | 25,262 | 15,000 |
| | Program increase - land mobile radios | | 15,000 | |
| 55 | INFORMATION SYSTEMS | 116,522 | 93,999 | -22,523 |
| | Ahead of need | | -22,523 | |
| 56 | EMERGENCY MANAGEMENT MODERNIZATION PROGRAM | 5,036 | 5,036 | 0 |
| 59 | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM | 214,806 | 214,806 | 0 |
| 62 | TITAN | 84,821 | 0 | -84,821 |
| | Army requested transfer to RDTE,A line 140 | | -50,900 | |
| | Army requested transfer to line 66 | | -19,680 | |
| | Army identified ahead of need | | -14,241 | |
| 63 | JTT/CIBS-M | 2,352 | 2,352 | 0 |
| 64 | TERRESTRIAL LAYER SYSTEMS (TLS) | 88,915 | 8,373 | -80,542 |
| | Army requested transfer to RDTE,A line 160 | | -38,000 | |
| | Production contract ahead of need | | -42,542 | |
| 66 | DCGS-A-INTEL | 76,771 | 96,451 | 19,680 |
| | Army requested transfer from line 62 | | 19,680 | |
| 67 | JOINT TACTICAL GROUND STATION (JTAGS)-INTEL | 349 | 349 | 0 |
| 68 | TROJAN | 20,562 | 20,562 | 0 |
| 69 | MOD OF IN-SVC EQUIP (INTEL SPT) | 30,424 | 40,424 | 10,000 |
| | Program increase - Prophet Enhanced EDP kits | | 10,000 | |
| 70 | BIOMETRIC TACTICAL COLLECTION DEVICES | 2,269 | 2,269 | 0 |
| 73 | AIR VIGILANCE (AV) | 5,688 | 5,688 | 0 |
| 74 | MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST | 3,060 | 3,060 | 0 |
| 76 | COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES | 19,519 | 15,019 | -4,500 |
| | Carryover | | -4,500 | |
| 77 | CI MODERNIZATION | 437 | 437 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 78 | SENTINEL MODS | 166,736 | 166,736 | 0 |
| 79 | NIGHT VISION DEVICES | 424,253 | 99,229 | -325,024 |
| | IVAS program reduction | | -400,024 | |
| | Program increase - ENVG-B | | 75,000 | |
| 80 | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF | 11,357 | 11,357 | 0 |
| 82 | FAMILY OF WEAPON SIGHTS (FWS) | 202,258 | 195,818 | -6,440 |
| | FWS-I unit cost increases | | -6,440 | |
| 83 | ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE | 5,116 | 5,116 | 0 |
| 84 | FORWARD LOOKING INFRARED (IFLIR) | 37,914 | 37,914 | 0 |
| 85 | COUNTER SMALL UNMANNED AERIAL SYSTEM | 326,364 | 346,364 | 20,000 |
| | Program increase - C-SUAS secure communication capability developments | | 20,000 | |
| 86 | JOINT BATTLE COMMAND - PLATFORM (JBC-P) | 186,515 | 186,515 | 0 |
| 87 | JOINT EFFECTS TARGETING SYSTEM (JETS) | 10,304 | 5,152 | -5,152 |
| | Program reduction | | -5,152 | |
| 88 | COMPUTER BALLISTICS: LHMBC XM32 | 3,038 | 3,038 | 0 |
| 89 | MORTAR FIRE CONTROL SYSTEM | 4,879 | 4,879 | 0 |
| 90 | MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS | 4,370 | 4,370 | 0 |
| 91 | COUNTERFIRE RADARS | 162,208 | 162,208 | 0 |
| 92 | ARMY COMMAND POST INTEGRATED | 60,455 | 80,455 | 20,000 |
| | Program increase - JADC2 software support and services | | 20,000 | |
| 93 | FIRE SUPPORT C2 FAMILY | 9,676 | 9,676 | 0 |
| 94 | AIR & MSL DEFENSE PLANNING & CONTROL SYS | 72,619 | 72,619 | 0 |
| 95 | IAMD BATTLE COMMAND SYSTEM | 438,967 | 438,967 | 0 |
| 96 | LIFE CYCLE SOFTWARE SUPPORT (LCSS) | 4,586 | 4,586 | 0 |
| 97 | NETWORK MANAGEMENT INITIALIZATION AND SERVICE | 37,199 | 37,199 | 0 |
| 98 | GLOBAL COMBAT SUPPORT SYSTEM-ARMY | 4,102 | 4,102 | 0 |
| 99 | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY | 6,926 | 6,926 | 0 |
| 101 | MOD OF IN-SVC EQUIPMENT (ENFIRE) | 4,076 | 15,076 | 11,000 |
| | Program increase - land surveying systems | | 11,000 | |
| 102 | ARMY TRAINING MODERNIZATION | 8,033 | 8,033 | 0 |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 103 AUTOMATED DATA PROCESSING EQUIP | 96,554 | 96,554 | 0 |
| 104 ACCESSIONS INFORMATION ENVIRONMENT (AIE)<br>Program behind schedule | 43,767 | 0<br>-43,767 | -43,767 |
| 105 GENERAL FUND ENTERPRISE BUSINESS SYSTEMS | 97 | 97 | 0 |
| 106 HIGH PERF COMPUTING MOD PGM (HPCMP) | 73,655 | 73,655 | 0 |
| 107 CONTRACT WRITING SYSTEM<br>Licenses ahead of need | 17,701 | 4,075<br>-13,626 | -13,626 |
| 108 CSS COMMUNICATIONS | 88,141 | 88,141 | 0 |
| 111 BCT EMERGING TECHNOLOGIES | 12,853 | 12,853 | 0 |
| 999 CLASSIFIED PROGRAMS | 1,596 | 1,596 | 0 |
| 112 FAMILY OF NON-LETHAL EQUIPMENT (FNLE)<br>Program increase - acoustic hailing device | 0 | 12,000<br>12,000 | 12,000 |
| 113 BASE DEFENSE SYSTEMS (BDS) | 47,960 | 47,960 | 0 |
| 114 CBRN DEFENSE | 56,129 | 56,129 | 0 |
| 116 TACTICAL BRIDGING | 13,785 | 13,785 | 0 |
| 118 BRIDGE SUPPLEMENTAL SET<br>Carryover | 6,774 | 1,045<br>-5,729 | -5,729 |
| 119 COMMON BRIDGE TRANSPORTER (CBT) RECAP | 10,379 | 10,379 | 0 |
| 124 ROBOTICS AND APPLIQUE SYSTEMS | 52,340 | 52,340 | 0 |
| 127 HEATERS AND ECUS | 7,672 | 7,672 | 0 |
| 129 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) | 4,691 | 4,691 | 0 |
| 130 GROUND SOLDIER SYSTEM | 124,953 | 124,953 | 0 |
| 131 MOBILE SOLDIER POWER | 15,933 | 15,933 | 0 |
| 134 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM | 42,444 | 42,444 | 0 |
| 136 ITEMS LESS THAN $5M (ENG SPT) | 4,155 | 4,155 | 0 |
| 137 QUALITY SURVEILLANCE EQUIPMENT | 2,845 | 2,845 | 0 |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 138 DISTRIBUTION SYSTEMS, PETROLEUM & WATER | 26,433 | 26,433 | 0 |
| 139 COMBAT SUPPORT MEDICAL | 75,606 | 78,106 | 2,500 |
| Program increase - mobile x-ray units | | 2,500 | |
| 140 MOBILE MAINTENANCE EQUIPMENT SYSTEMS | 3,936 | 3,936 | 0 |
| 147 ALL TERRAIN CRANES | 31,341 | 31,341 | 0 |
| 149 FAMILY OF DIVER SUPPORT EQUIPMENT | 3,256 | 3,256 | 0 |
| 150 CONST EQUIP ESP | 9,104 | 4,169 | -4,935 |
| Carryover | | -4,935 | |
| 151 ARMY WATERCRAFT ESP | 47,889 | 47,889 | 0 |
| 152 MANEUVER SUPPORT VESSEL (MSV) | 104,676 | 104,676 | 0 |
| 153 ITEMS LESS THAN $5.0M (FLOAT/RAIL) | 10,131 | 10,131 | 0 |
| 154 GENERATORS AND ASSOCIATED EQUIP | 54,400 | 102,689 | 48,289 |
| Program increase - AMMPS | | 48,289 | |
| 155 TACTICAL ELECTRIC POWER RECAPITALIZATION | 8,293 | 8,293 | 0 |
| 156 FAMILY OF FORKLIFTS | 8,819 | 8,819 | 0 |
| 157 COMBAT TRAINING CENTERS SUPPORT | 48,046 | 48,046 | 0 |
| 158 TRAINING DEVICES, NONSYSTEM | 201,966 | 201,966 | 0 |
| 159 SYNTHETIC TRAINING ENVIRONMENT (STE) | 255,670 | 255,670 | 0 |
| 160 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING | 9,546 | 9,546 | 0 |
| 162 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) | 36,514 | 36,514 | 0 |
| 164 TEST EQUIPMENT MODERNIZATION (TEMOD) | 32,734 | 32,734 | 0 |
| 166 PHYSICAL SECURITY SYSTEMS (OPA3) | 102,556 | 102,556 | 0 |
| 167 BASE LEVEL COMMON EQUIPMENT | 31,417 | 31,417 | 0 |
| 168 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) | 24,047 | 34,047 | 10,000 |
| Program increase - RTCH | | 10,000 | |
| 169 BUILDING, PRE-FAB, RELOCATABLE | 32,151 | 32,151 | 0 |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 170 SPECIAL EQUIPMENT FOR TEST AND EVALUATION | 84,779 | 84,779 | 0 |
| 172 INITIAL SPARES - C&E | 10,463 | 10,463 | 0 |

### HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES ANTILOCK BRAKE SYSTEM/ELECTRONIC STABILITY CONTROL

The Committee views soldier safety as a top priority. Since 2018, all new High Mobility Multipurpose Wheeled Vehicles (HMMWV) have come equipped with Antilock Brake System/Electronic Stability Control (ABS/ESC) to prevent rollovers. However, legacy HMMWVs require an ABS/ESC retrofit kit to provide enhanced rollover protection. Congress appropriated an additional $183,000,000 above the request in fiscal year 2022 to purchase and install over 10,000 ABS/ESC retrofit kits on HMMWVs. However, roughly 36,000 HMMWVs remain without this valuable safety protection. The Army's budget projection shows a plan to purchase less than 3,000 ABS/ESC retrofit kits over the next five years. At that pace, it will take 60 years to update the entire HMMWV fleet. The Committee finds that unacceptable and recommends an additional $50,500,000 above the request for the purchase and installation of additional ABS/ESC retrofit kits for HMMWVs.

### INTEGRATED VISUAL AUGMENTATION SYSTEM

The Integrated Visual Augmentation Systems (IVAS) remains a top priority for the Army. The Program Executive Officer (PEO), Soldier was scheduled to conduct Initial Operational Test and Evaluation (IOT&E) on IVAS in the fourth quarter of fiscal year 2021 to ultimately inform a full rate production decision. However, IOT&E was delayed until 2022 due to a variety of software and hardware concerns. IOT&E is currently ongoing with a briefing on the results expected in late July 2022.

Congress has appropriated over $1,000,000,000 for IVAS procurement and has yet to receive a production quality system. Further, the fiscal year 2023 request includes an additional $400,024,000 for procurement of IVAS. With questions still outstanding regarding the production viability of IVAS, the Committee cannot recommend additional procurement funding until after a full review of the results of IOT&E.

The Committee directs the PEO, Soldier to brief the House and Senate Appropriations Committees on the results of IOT&E as soon as practicable.

### HIGH MOBILITY ENGINEER EXCAVATOR

The Committee notes that the Army did not request funding for the High Mobility Engineer Excavator (HMEE) program in fiscal year 2023 and does not plan to request funding in fiscal year 2024. The Committee directs the Secretary of the Army to provide a briefing to the congressional defense committees not later than October 1, 2022, on plans to maintain the HMEZE production line and the Army's resource strategy for HMEE over the next five years.

## AIRCRAFT PROCUREMENT, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $16,848,428,000 |
| Committee recommendation | 16,334,708,000 |
| Change from budget request | −513,720,000 |

The Committee recommends an appropriation of $16,334,708,000 for Aircraft Procurement, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **F/A-18E/F (FIGHTER) HORNET** | **90,865** | **90,865** | **0** |
| 2 | **JOINT STRIKE FIGHTER CV** | **1,663,515** | **1,699,053** | **35,538** |
| | Support cost excess growth | | -38,095 | |
| | Training equipment unjustified request | | -4,867 | |
| | Program increase - F135 engine repair facility test modules | | 13,500 | |
| | Program increase | | 65,000 | |
| 3 | **JOINT STRIKE FIGHTER CV (AP-CY)** | **387,596** | **182,376** | **-205,220** |
| | Economic order quantity unjustified request | | -163,100 | |
| | CFE - airframe long lead excess to need | | -42,120 | |
| 4 | **JSF STOVL** | **1,909,635** | **1,973,748** | **64,113** |
| | Non-recurring cost growth | | -20,225 | |
| | Fixed JPO support excess growth | | -9,162 | |
| | Program increase - F135 engine repair facility test modules | | 13,500 | |
| | Program increase | | 80,000 | |
| 5 | **JSF STOVL (AP-CY)** | **200,118** | **200,118** | **0** |
| 6 | **CH-53K (HEAVY LIFT)** | **1,669,986** | **1,861,016** | **191,030** |
| | Airframe excess unit cost growth | | -18,894 | |
| | CFE electronics excess growth | | -8,207 | |
| | Engineering change orders excess growth | | -15,790 | |
| | Pubs/tech data excess growth | | -16,079 | |
| | Program increase - two additional aircraft | | 250,000 | |
| 7 | **CH-53K (HEAVY LIFT) (AP-CY)** | **357,824** | **325,559** | **-32,265** |
| | Unjustified growth | | -32,265 | |
| 8 | **V-22 (MEDIUM LIFT)** | **31,795** | **31,795** | **0** |
| 11 | **P-8A POSEIDON** | **41,521** | **41,521** | **0** |
| 12 | **E-2D ADV HAWKEYE** | **842,401** | **802,650** | **-39,751** |
| | Airframe excess unit cost growth | | -12,175 | |
| | CFE electronics unit cost growth | | -7,924 | |
| | Avionics PGSE excess growth | | -19,652 | |
| 14 | **MULTI-ENGINE TRAINING SYSTEM (METS)** | **123,217** | **107,801** | **-15,416** |
| | Support cost excess growth | | -15,416 | |
| 15 | **ADVANCED HELICOPTER TRAINING SYSTEM** | **119,816** | **119,816** | **0** |
| 16 | **KC-130J** | **439,501** | **430,530** | **-8,971** |
| | Airframe excess unit cost growth | | -8,971 | |
| 17 | **KC-130J (AP-CY)** | **29,122** | **29,122** | **0** |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 19 | **MQ-4 TRITON** | **587,820** | **584,192** | **-3,628** |
| | Production engineering support unjustified growth | | -3,628 | |
| 20 | **MQ-4 TRITON (AP-CY)** | **75,235** | **70,335** | **-4,900** |
| | Early to need | | -4,900 | |
| 22 | **STUASL0 UAV** | **2,703** | **2,703** | **0** |
| 23 | **MQ-25** | **696,713** | **348,356** | **-348,357** |
| | Reduction in quantity | | -348,357 | |
| 24 | **MQ-25 (AP-CY)** | **51,463** | **27,729** | **-23,734** |
| | Previously funded | | -23,734 | |
| 25 | **MARINE GROUP 5 UAS** | **103,882** | **98,132** | **-5,750** |
| | Other ILS excess growth | | -4,645 | |
| | Production engineering excess growth | | -1,105 | |
| 27 | **F-18 A-D UNIQUE** | **141,514** | **141,514** | **0** |
| 28 | **F-18E/F AND EA-18G MODERNIZATION AND SUSTAINMENT** | **572,681** | **552,849** | **-19,832** |
| | E/F & EA-18G correction of operational discrepancies (OSIP 14-03) installation kits growth | | -4,092 | |
| | E/F & EA-18G correction of operational discrepancies (OSIP 14-03) installation growth | | -4,424 | |
| | E/F & EA-18G correction of operational discrepancies (OSIP 14-03) concurrent installs previously funded | | -11,316 | |
| 29 | **MARINE GROUP 5 UAS SERIES** | **86,116** | **67,116** | **-19,000** |
| | Ground control station reduce quantity | | -19,000 | |
| 30 | **AEA SYSTEMS** | **25,058** | **25,058** | **0** |
| 31 | **AV-8 SERIES** | **26,657** | **26,657** | **0** |
| 32 | **INFRARED SEARCH AND TRACK (IRST)** | **144,699** | **96,574** | **-48,125** |
| | Reduction of four units | | -21,544 | |
| | Support equipment excess growth | | -26,581 | |
| 33 | **ADVERSARY** | **105,188** | **105,188** | **0** |
| 34 | **F-18 SERIES** | **480,663** | **424,589** | **-56,074** |
| | Prior year under execution | | -56,074 | |
| 35 | **H-53 SERIES** | **40,151** | **40,151** | **0** |
| 36 | **MH-60 SERIES** | **126,238** | **126,238** | **0** |
| 37 | **H-1 SERIES** | **122,498** | **122,498** | **0** |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 38 | **EP-3 SERIES** | **8,492** | **8,492** | **0** |
| 39 | **E-2 SERIES** | **188,897** | **188,897** | **0** |
| 40 | **TRAINER A/C SERIES** | **9,568** | **9,568** | **0** |
| 42 | **C-130 SERIES** | **132,170** | **119,695** | **-12,475** |
| | Prior year under execution | | -12,475 | |
| 43 | **FEWSG** | **695** | **695** | **0** |
| 44 | **CARGO/TRANSPORT A/C SERIES** | **10,902** | **8,688** | **-2,214** |
| | Previously funded | | -2,214 | |
| 45 | **E-6 SERIES** | **129,049** | **129,049** | **0** |
| 46 | **EXECUTIVE HELICOPTERS SERIES** | **55,265** | **55,265** | **0** |
| 47 | **T-45 SERIES** | **201,670** | **193,207** | **-8,463** |
| | 1/T-45TS corrections of deficiencies (OSIP 008-95) non-recurring costs previously funded | | -1,314 | |
| | AF inlet mod kits (OSIP 003-03) cost growth | | -6,149 | |
| | Avionics obsolescence (OSIP 017-04) other support | | -1,000 | |
| 48 | **POWER PLANT CHANGES** | **24,685** | **24,685** | **0** |
| 49 | **JPATS SERIES** | **19,780** | **19,780** | **0** |
| 50 | **AVIATION LIFE SUPPORT MODS** | **1,143** | **1,143** | **0** |
| 51 | **COMMON ECM EQUIPMENT** | **129,722** | **129,722** | **0** |
| 52 | **COMMON AVIONICS CHANGES** | **136,883** | **131,883** | **-5,000** |
| | Secure Communications (OSIP 10-19) installation equipment non-recurring excess growth | | -5,000 | |
| 53 | **COMMON DEFENSIVE WEAPON SYSTEM** | **6,373** | **6,373** | **0** |
| 54 | **ID SYSTEMS** | **3,828** | **3,828** | **0** |
| 55 | **P-8 SERIES** | **249,342** | **238,916** | **-10,426** |
| | P-8A Mission Systems RCI (OSIP 006-18) other support excess growth | | -3,071 | |
| | Prior year under execution | | -7,355 | |
| 56 | **MAGTF EW FOR AVIATION** | **24,684** | **24,684** | **0** |
| 57 | **MQ-8 SERIES** | **9,846** | **9,846** | **0** |
| 58 | **V-22 (TILT/ROTOR ACFT) OSPREY** | **207,621** | **235,221** | **27,600** |
| | Program increase - V-22 aircraft modification kits | | 27,600 | |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 59 | **NEXT GENERATION JAMMER (NGJ)** | **401,563** | **385,540** | **-16,023** |
| | Support equipment (OSIP 002-19) unjustified growth | | -3,792 | |
| | Training equipment (OSIP 002-19) unjustified growth | | -6,614 | |
| | ILS (OSIP 002-19) previously funded | | -5,617 | |
| 60 | **F-35 STOVL SERIES** | **216,356** | **199,294** | **-17,062** |
| | Prior year under execution | | -17,062 | |
| 61 | **F-35 CV SERIES** | **208,336** | **204,110** | **-4,226** |
| | Prior year under execution | | -4,226 | |
| 62 | **QRC** | **47,864** | **47,864** | **0** |
| 63 | **MQ-4 SERIES** | **94,738** | **91,977** | **-2,761** |
| | Prior year under execution | | -2,761 | |
| 64 | **RQ-21 SERIES** | **6,576** | **6,576** | **0** |
| 68 | **SPARES AND REPAIR PARTS** | **1,872,417** | **1,972,417** | **100,000** |
| | Program increase - F135 engine spares | | 100,000 | |
| 69 | **COMMON GROUND EQUIPMENT** | **542,214** | **519,886** | **-22,328** |
| | ADVTE unjustified growth | | -5,235 | |
| | H-1 trainer modernization unjustified growth | | -17,093 | |
| 70 | **AIRCRAFT INDUSTRIAL FACILITIES** | **101,559** | **101,559** | **0** |
| 71 | **WAR CONSUMABLES** | **40,316** | **40,316** | **0** |
| 72 | **OTHER PRODUCTION CHARGES** | **46,403** | **46,403** | **0** |
| 73 | **SPECIAL SUPPORT EQUIPMENT** | **423,280** | **423,280** | **0** |

NAVY ADVERSARY AIRCRAFT FOR TRAINING PURPOSES

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

E-2D ADVANCED HAWKEYE

The E-2D is an essential command and control element of the Carrier Strike Group's advanced capability to provide force protection and enable power projection for the United States and its allies. In 2019, the Navy approved an increase of 11 aircraft to the program of record, bringing the total warfighter requirement from 75 to 86 aircraft. However, the fiscal year 2023 President's Budget requests only five aircraft and does not include any additional aircraft in the future years defense program. This would result in a shortfall of eight aircraft. The Committee notes that the Navy's fiscal year 2023 unfunded priorities list includes an additional $400,000,000 for two E-2D aircraft. The Committee believes that fulfilling the authorized warfighter requirement will increase readiness, aircraft availability, and reduce operational risk. Therefore, the Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act providing a plan to fund the remaining aircraft to meet its authorized warfighter requirement.

## WEAPONS PROCUREMENT, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $4,738,705,000 |
| Committee recommendation | 4,594,139,000 |
| Change from budget request | −144,566,000 |

The Committee recommends an appropriation of $4,594,139,000 for Weapons Procurement, Navy which will provide the following program in fiscal year 2023:

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

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **TRIDENT II MODS** | **1,125,164** | **1,106,399** | **-18,765** |
| | Guidance production support excess growth | | -5,000 | |
| | SPALT assemblies excess growth | | -3,400 | |
| | Solid Rocket Motors other support excess growth | | -5,200 | |
| | Production support/missile hardware excess growth | | -5,165 | |
| 2 | **MISSILE INDUSTRIAL FACILITIES** | **7,767** | **7,767** | **0** |
| 3 | **TOMAHAWK** | **160,190** | **206,501** | **46,311** |
| | Tactical Tomahawk unit cost growth | | -4,689 | |
| | Program increase - thirty additional Tomahawks | | 51,000 | |
| 4 | **AMRAAM** | **335,900** | **335,900** | **0** |
| 5 | **SIDEWINDER** | **63,288** | **62,288** | **-1,000** |
| | Production support costs excess growth | | -1,000 | |
| 6 | **STANDARD MISSILE** | **489,123** | **410,473** | **-78,650** |
| | Stabilize production ramp | | -78,650 | |
| 8 | **JASSM** | **58,481** | **0** | **-58,481** |
| | Navy requested transfer to line 16 | | -12,000 | |
| | Navy requested transfer to RDTE line 93 | | -46,481 | |
| 9 | **SMALL DIAMETER BOMB II** | **108,317** | **100,684** | **-7,633** |
| | AUR excess unit cost growth | | -7,633 | |
| 10 | **RAM** | **92,131** | **92,131** | **0** |
| 11 | **JOINT AIR GROUND MISSILE (JAGM)** | **78,395** | **78,395** | **0** |
| 12 | **HELLFIRE** | **6,603** | **6,603** | **0** |
| 13 | **AERIAL TARGETS** | **183,222** | **182,134** | **-1,088** |
| | EM031 BQM-117A excess unit cost growth | | -1,088 | |
| 14 | **DRONES AND DECOYS** | **62,930** | **50,430** | **-12,500** |
| | Stabilize production ramp | | -12,500 | |
| 15 | **OTHER MISSILE SUPPORT** | **3,524** | **3,524** | **0** |
| 16 | **LRASM** | **226,022** | **219,662** | **-6,360** |
| | AUR excess unit cost growth | | -18,360 | |
| | Navy requested transfer from line 8 | | 12,000 | |
| 17 | **NAVAL STRIKE MISSILE (NSM)** | **59,034** | **59,034** | **0** |
| 18 | **TOMAHAWK MODS** | **435,308** | **435,308** | **0** |
| 19 | **ESSM** | **282,035** | **282,035** | **0** |
| 20 | **AARGM** | **131,275** | **131,275** | **0** |
| 21 | **STANDARD MISSILES MODS** | **71,198** | **71,198** | **0** |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 22 | WEAPONS INDUSTRIAL FACILITIES | 1,976 | 1,976 | 0 |
| 25 | ORDNANCE SUPPORT EQUIPMENT | 40,793 | 40,793 | 0 |
| 26 | SSTD | 3,789 | 3,789 | 0 |
| 27 | MK-48 TORPEDO | 151,128 | 123,128 | -28,000 |
| | Guidance and control section unit cost growth | | -28,000 | |
| 28 | ASW TARGETS | 14,403 | 14,403 | 0 |
| 29 | MK-54 TORPEDO MODS | 106,772 | 103,372 | -3,400 |
| | MK-54 KITS - MOD 1 unit cost growth | | -3,400 | |
| 30 | MK-48 TORPEDO ADCAP MODS | 18,502 | 18,502 | 0 |
| 31 | MARITIME MINES | 9,282 | 9,282 | 0 |
| 32 | TORPEDO SUPPORT EQUIPMENT | 87,044 | 87,044 | 0 |
| 33 | ASW RANGE SUPPORT | 3,965 | 3,965 | 0 |
| 34 | FIRST DESTINATION TRANSPORTATION | 5,315 | 5,315 | 0 |
| 35 | SMALL ARMS AND WEAPONS | 13,859 | 13,859 | 0 |
| 36 | CIWS MODS | 2,655 | 2,655 | 0 |
| 37 | COAST GUARD WEAPONS | 34,259 | 34,259 | 0 |
| 38 | GUN MOUNT MODS | 81,725 | 106,725 | 25,000 |
| | Program increase - operator ballistic protection for crew-served weapons | | 25,000 | |
| 39 | LCS MODULE WEAPONS | 4,580 | 4,580 | 0 |
| 40 | AIRBORNE MINE NEUTRALIZATION SYSTEMS | 8,710 | 8,710 | 0 |
| 42 | SPARES AND REPAIR PARTS | 170,041 | 170,041 | 0 |

## PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

| | |
|---|---|
| Fiscal year 2023 budget request | $1,052,292,000 |
| Committee recommendation | 911,982,000 |
| Change from budget request | −140,310,000 |

The Committee recommends an appropriation of $911,982,000 for Procurement of Ammunition, Navy and Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | GENERAL PURPOSE BOMBS | 47,198 | 47,198 | 0 |
| 2 | JDAM | 76,688 | 76,688 | 0 |
| 3 | AIRBORNE ROCKETS, ALL TYPES | 70,005 | 70,005 | 0 |
| 4 | MACHINE GUN AMMUNITION | 20,586 | 20,586 | 0 |
| 5 | PRACTICE BOMBS | 51,109 | 47,303 | -3,806 |
| | Q1050 BLU-109 inert excess growth | | -1,540 | |
| | Prior year under execution | | -2,266 | |
| 6 | CARTRIDGES & CART ACTUATED DEVICES | 72,534 | 71,391 | -1,143 |
| | Obsolescence previously funded | | -1,143 | |
| 7 | AIR EXPENDABLE COUNTERMEASURES | 114,475 | 101,048 | -13,427 |
| | MJU-61 previously funded | | -1,559 | |
| | IR Decoys unjustified growth | | -11,868 | |
| 8 | JATOS | 7,096 | 7,096 | 0 |
| 9 | 5 INCH/54 GUN AMMUNITION | 30,018 | 20,471 | -9,547 |
| | Ammunition hardware excess unit cost growth | | -9,547 | |
| 10 | INTERMEDIATE CALIBER GUN AMMUNITION | 40,089 | 27,870 | -12,219 |
| | AL100 ammunition hardware previously funded | | -12,219 | |
| 11 | OTHER SHIP GUN AMMUNITION | 42,707 | 39,595 | -3,112 |
| | 20MM MK244 ELC cartridge unit cost growth | | -3,112 | |
| 12 | SMALL ARMS & LANDING PARTY AMMO | 49,023 | 44,552 | -4,471 |
| | Integrated warfare systems .50 CAL cartridges unjustified growth | | -2,433 | |
| | NSW .50 CAL cartridges unjustified growth | | -2,038 | |
| 13 | PYROTECHNIC AND DEMOLITION | 9,480 | 9,480 | 0 |
| 14 | AMMUNITION LESS THAN $5 MILLION | 1,622 | 1,622 | 0 |
| 15 | MORTARS | 71,214 | 62,713 | -8,501 |
| | Mortar 81MM HE Frag unjustified growth | | -8,501 | |
| 16 | DIRECT SUPPORT MUNITIONS | 65,169 | 62,627 | -2,542 |
| | Various munitions unit cost growth | | -2,542 | |
| 17 | INFANTRY WEAPONS AMMUNITION | 225,271 | 143,729 | -81,542 |
| | B542 unjustified growth | | -9,343 | |
| | A059 hardware unjustified growth | | -57,195 | |
| | A151 hardware unjustified growth | | -15,004 | |
| 18 | COMBAT SUPPORT MUNITIONS | 19,691 | 19,691 | 0 |
| 19 | AMMO MODERNIZATION | 17,327 | 17,327 | 0 |
| 20 | ARTILLERY MUNITIONS | 15,514 | 15,514 | 0 |
| 21 | ITEMS LESS THAN $5 MILLION | 5,476 | 5,476 | 0 |

## SHIPBUILDING AND CONVERSION, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $27,917,854,000 |
| Committee recommendation | 27,780,407,000 |
| Change from budget request | −137,447,000 |

The Committee recommends an appropriation of $27,780,407,000 for Shipbuilding and Conversion, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | COLUMBIA CLASS SUBMARINE | 3,079,223 | 3,079,223 | 0 |
| 2 | COLUMBIA CLASS SUBMARINE (AP-CY) | 2,778,553 | 2,778,553 | 0 |
| 3 | CARRIER REPLACEMENT PROGRAM (CVN 80) | 1,481,530 | 1,463,905 | -17,625 |
| | Change orders growth | | -17,625 | |
| 4 | CARRIER REPLACEMENT PROGRAM (CVN-81) | 1,052,024 | 1,052,024 | 0 |
| 5 | VIRGINIA CLASS SUBMARINE | 4,534,184 | 4,534,184 | 0 |
| 6 | VIRGINIA CLASS SUBMARINE (AP-CY) | 2,025,651 | 2,025,651 | 0 |
| 8 | CVN REFUELING OVERHAULS (AP-CY) | 618,295 | 573,422 | -44,873 |
| | Excess growth | | -44,873 | |
| 9 | DDG 1000 | 72,976 | 72,976 | 0 |
| 10 | DDG-51 | 4,376,537 | 4,376,537 | 0 |
| 11 | DDG-51 (AP-CY) | 618,352 | 618,352 | 0 |
| 13 | FFG-FRIGATE | 1,085,224 | 1,085,224 | 0 |
| 14 | FFG-FRIGATE (AP-CY) | 74,949 | 0 | -74,949 |
| | Advance procurement unjustified request | | -74,949 | |
| 15 | LPD FLIGHT II | 1,673,000 | 1,673,000 | 0 |
| 20 | LHA REPLACEMENT | 1,085,470 | 1,085,470 | 0 |
| 22 | TAO FLEET OILER | 794,719 | 794,719 | 0 |
| 24 | TOWING, SALVAGE, AND RESCUE SHIP (ATS) | 95,915 | 95,915 | 0 |
| 27 | OUTFITTING | 707,412 | 707,412 | 0 |
| 28 | SHIP TO SHORE CONNECTOR | 190,433 | 190,433 | 0 |
| 29 | SERVICE CRAFT | 68,274 | 68,274 | 0 |
| 30 | LCAC SLEP | 36,301 | 36,301 | 0 |
| 31 | AUXILIARY VESSELS (USED SEALIFT) | 140,686 | 140,686 | 0 |
| 32 | COMPLETION OF PY SHIPBUILDING PROGRAMS | 1,328,146 | 1,328,146 | 0 |

## OTHER PROCUREMENT, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $11,746,503,000 |
| Committee recommendation | 11,285,187,000 |
| Change from budget request | −461,316,000 |

The Committee recommends an appropriation of $11,285,187,000 for Other Procurement, Navy which will provide the following program in fiscal year 2023:

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

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **SURFACE POWER EQUIPMENT** | **46,478** | **46,478** | **0** |
| 2 | **SURFACE COMBATANT HM&E** | **84,615** | **74,585** | **-10,030** |
| | HM&E condition system unjustified growth | | -10,030 | |
| 3 | **OTHER NAVIGATION EQUIPMENT** | **98,079** | **87,800** | **-10,279** |
| | Amphib production engineering unjustified request | | -4,580 | |
| | AN/WSN-12 kit unjustified growth | | -2,500 | |
| | Navigation critical distribution system installation unjustified request | | -3,199 | |
| 4 | **SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG** | **266,300** | **261,011** | **-5,289** |
| | PL015 periscope interim contractor support unjustified request | | -5,289 | |
| 5 | **DDG MOD** | **770,341** | **743,478** | **-26,863** |
| | Land based engineering sites unjustified growth | | -1,317 | |
| | GEDMS installation excess growth | | -2,700 | |
| | MCS/DCS support excess growth | | -2,102 | |
| | AWS upgrade installation excess growth | | -14,239 | |
| | Multi-mission SIGPRO equipment installation excess growth | | -2,223 | |
| | IVCS equipment installation excess growth | | -4,282 | |
| 6 | **FIREFIGHTING EQUIPMENT** | **19,687** | **18,552** | **-1,135** |
| | Magazine sprinkling improvement kits excess growth | | -1,135 | |
| 7 | **COMMAND AND CONTROL SWITCHBOARD** | **2,406** | **2,406** | **0** |
| 8 | **LHA/LHD MIDLIFE** | **38,200** | **38,200** | **0** |
| 9 | **LCC 19/20 EXTENDED SERVICE LIFE PROGRAM** | **20,028** | **20,028** | **0** |
| 10 | **POLLUTION CONTROL EQUIPMENT** | **17,682** | **11,607** | **-6,075** |
| | OPA improvements installation excess growth | | -6,075 | |
| 11 | **SUBMARINE SUPPORT EQUIPMENT** | **117,799** | **116,575** | **-1,224** |
| | VA class machinery control system modernization previously funded | | -1,224 | |
| 12 | **VIRGINIA CLASS SUPPORT EQUIPMENT** | **32,300** | **32,300** | **0** |
| 13 | **LCS CLASS SUPPORT EQUIPMENT** | **15,238** | **20,238** | **5,000** |
| | Program increase - water purification technology | | 5,000 | |
| 14 | **SUBMARINE BATTERIES** | **24,137** | **24,137** | **0** |
| 15 | **LPD CLASS SUPPORT EQUIPMENT** | **54,496** | **53,350** | **-1,146** |
| | HW/SW obsolescence kits excess growth | | -1,146 | |
| 16 | **DDG 1000 CLASS SUPPORT EQUIPMENT** | **314,333** | **278,647** | **-35,686** |
| | TSCE modernization lab equipment unjustified growth | | -2,630 | |
| | TSCE modernization procurement insufficient justification | | -27,800 | |
| | Electro-optical infrared (EO/IR) sensor insufficient justification | | -5,256 | |
| 17 | **STRATEGIC PLATFORM SUPPORT EQUIP** | **13,504** | **13,504** | **0** |
| 18 | **DSSP EQUIPMENT** | **3,660** | **3,660** | **0** |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 19 | CG MODERNIZATION | 59,054 | 59,054 | 0 |
| 20 | LCAC | 17,452 | 17,452 | 0 |
| 21 | UNDERWATER EOD EQUIPMENT | 35,417 | 35,417 | 0 |
| 22 | ITEMS LESS THAN $5 MILLION | 60,812 | 60,812 | 0 |
| 23 | CHEMICAL WARFARE DETECTORS | 3,202 | 3,202 | 0 |
| 24 | SUBMARINE LIFE SUPPORT SYSTEM | 0 | 0 | 0 |
| 25 | SHIP MAINTENANCE, REPAIR, AND MODERNIZATION | 1,242,532 | 1,064,848 | -177,684 |
| | Early to need | | -177,684 | |
| 26 | REACTOR POWER UNITS | 4,690 | 4,690 | 0 |
| 27 | REACTOR COMPONENTS | 408,989 | 408,989 | 0 |
| 28 | DIVING AND SALVAGE EQUIPMENT | 11,773 | 11,773 | 0 |
| 29 | STANDARD BOATS | 57,262 | 57,262 | 0 |
| 30 | OPERATING FORCES IPE | 174,743 | 174,743 | 0 |
| 31 | LCS COMMON MISSION MODULES EQUIPMENT | 57,313 | 54,883 | -2,430 |
| | Mission module display modernization unit cost growth | | -2,430 | |
| 32 | LCS MCM MISSION MODULES | 94,987 | 90,295 | -4,692 |
| | Minesweeping payload delivery system previously funded | | -4,692 | |
| 33 | LCS ASW MISSION MODULES | 3,594 | 3,594 | 0 |
| 34 | LCS SUW MISSION MODULES | 5,100 | 5,100 | 0 |
| 35 | LCS IN-SERVICE MODERNIZATION | 76,526 | 88,526 | 12,000 |
| | Program increase - condition-based maintenance for combat and communication systems | | 12,000 | |
| 36 | SMALL & MEDIUM UUV | 49,763 | 49,763 | 0 |
| 37 | SPQ-9B RADAR | 12,063 | 12,063 | 0 |
| 38 | AN/SQQ-89 SURF ASW COMBAT SYSTEM | 141,591 | 140,157 | -1,434 |
| | AN/SQQ-89A(V)15 installation excess growth | | -1,434 | |
| 39 | SSN ACOUSTIC EQUIPMENT | 446,653 | 438,684 | -7,969 |
| | SA202 production/engineering excess growth | | -5,505 | |
| | Virginia class technical insertion kits installation excess to need | | -2,464 | |
| 40 | UNDERSEA WARFARE SUPPORT EQUIPMENT | 17,424 | 17,424 | 0 |
| 41 | SUBMARINE ACOUSTIC WARFARE SYSTEM | 31,708 | 31,708 | 0 |
| 42 | SSTD | 14,325 | 14,325 | 0 |
| 43 | FIXED SURVEILLANCE SYSTEM | 266,228 | 266,228 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 44 | SURTASS | 25,030 | 25,030 | 0 |
| 45 | AN/SLQ-32 | 292,417 | 288,142 | -4,275 |
| | Block 3 EA system excess ECPs | | -4,275 | |
| 46 | SHIPBOARD IW EXPLOIT | 311,210 | 311,210 | 0 |
| 47 | AUTOMATED IDENTIFICATION SYSTEM (AIS) | 2,487 | 2,487 | 0 |
| 48 | COOPERATIVE ENGAGEMENT CAPABILITY | 34,500 | 34,500 | 0 |
| 49 | NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) | 19,038 | 19,038 | 0 |
| 50 | ATDLS | 73,675 | 73,675 | 0 |
| 51 | NAVY COMMAND AND CONTROL SYSTEM (NCCS) | 3,435 | 3,435 | 0 |
| 52 | MINESWEEPING SYSTEM REPLACEMENT | 16,336 | 16,336 | 0 |
| 53 | SHALLOW WATER MCM | 0 | 0 | 0 |
| 54 | NAVSTAR GPS RECEIVERS (SPACE) | 30,439 | 30,439 | 0 |
| 55 | AMERICAN FORCES RADIO AND TV SERVICE | 2,724 | 2,724 | 0 |
| 56 | STRATEGIC PLATFORM SUPPORT EQUIP | 6,266 | 6,266 | 0 |
| 57 | ASHORE ATC EQUIPMENT | 89,396 | 89,396 | 0 |
| 58 | AFLOAT ATC EQUIPMENT | 86,732 | 79,591 | -7,141 |
| | AN/SPN-50 unit cost growth | | -3,359 | |
| | AN/SPN-50 excess support costs | | -1,013 | |
| | AN/SPN-46 block IV excess growth | | -2,769 | |
| 59 | ID SYSTEMS | 59,226 | 59,226 | 0 |
| 60 | JOINT PRECISION APPROACH AND LANDING SYSTEM (JPALS) | 8,186 | 8,186 | 0 |
| 61 | NAVAL MISSION PLANNING SYSTEMS | 26,778 | 25,092 | -1,686 |
| | Next generation naval mission planning system unjustified growth | | -1,686 | |
| 62 | MARITIME INTEGRATED BROADCAST SYSTEM | 3,520 | 3,520 | 0 |
| 63 | TACTICAL/MOBILE C4I SYSTEMS | 31,840 | 27,434 | -4,406 |
| | Tech refresh 2.1.2 systems excess growth | | -2,202 | |
| | Tech refresh 2.1.2 systems installation unjustified growth | | -2,204 | |
| 64 | DCGS-N | 15,606 | 15,606 | 0 |
| 65 | CANES | 402,550 | 402,550 | 0 |
| 66 | RADIAC | 9,062 | 9,062 | 0 |
| 67 | CANES-INTELL | 48,665 | 48,665 | 0 |
| 68 | GPETE | 23,479 | 23,479 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 69 | MASF | 11,792 | 11,792 | 0 |
| 70 | INTEG COMBAT SYSTEM TEST FACILITY | 6,053 | 6,053 | 0 |
| 71 | EMI CONTROL INSTRUMENTATION | 4,219 | 4,219 | 0 |
| 72 | ITEMS LESS THAN $5 MILLION | 102,846 | 88,951 | -13,895 |
| | Historical underexecution | | -17,250 | |
| | AMDR O&S backend equipment sustainment unjustified growth | | -1,645 | |
| | Program increase - modernized personnel transfer | | 5,000 | |
| 73 | SHIPBOARD TACTICAL COMMUNICATIONS | 36,941 | 36,941 | 0 |
| 74 | SHIP COMMUNICATIONS AUTOMATION | 101,691 | 101,691 | 0 |
| 75 | COMMUNICATIONS ITEMS UNDER $5M | 55,290 | 54,140 | -1,150 |
| | BFTN design services agency previously funded | | -1,150 | |
| 76 | SUBMARINE BROADCAST SUPPORT | 91,150 | 91,150 | 0 |
| 77 | SUBMARINE COMMUNICATION EQUIPMENT | 74,569 | 74,569 | 0 |
| 78 | SATELLITE COMMUNICATIONS SYSTEMS | 39,827 | 39,827 | 0 |
| 79 | NAVY MULTIBAND TERMINAL (NMT) | 24,586 | 24,586 | 0 |
| 80 | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) | 4,699 | 2,651 | -2,048 |
| | Unjustified growth | | -2,048 | |
| 81 | INFO SYSTEMS SECURITY PROGRAM (ISSP) | 156,034 | 156,034 | 0 |
| 82 | MIO INTEL EXPLOITATION TEAM | 1,055 | 1,055 | 0 |
| 83 | CRYPTOLOGIC COMMUNICATIONS EQUIP | 18,832 | 18,832 | 0 |
| 92 | COAST GUARD EQUIPMENT | 68,556 | 63,347 | -5,209 |
| | Historical underexecution | | -5,209 | |
| 94 | SONOBUOYS - ALL TYPES | 291,670 | 303,520 | 11,850 |
| | Program increase - additional sonobuoys | | 11,850 | |
| 95 | MINOTAUR | 5,247 | 5,247 | 0 |
| 96 | WEAPONS RANGE SUPPORT EQUIPMENT | 106,209 | 95,657 | -10,552 |
| | Tactical combat training system previously funded | | -1,554 | |
| | Ocean systems unjustified growth | | -8,998 | |
| 97 | AIRCRAFT SUPPORT EQUIPMENT | 275,461 | 227,987 | -47,474 |
| | Air launch & recovery equipment support growth | | -3,417 | |
| | Natural disaster recovery support equipment unjustified growth | | -44,057 | |
| 98 | ADVANCED ARRESTING GEAR (AAG | 22,717 | 22,717 | 0 |
| 99 | ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM (EMALS) | 18,594 | 18,594 | 0 |
| 100 | METEOROLOGICAL EQUIPMENT | 15,175 | 15,175 | 0 |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **101 LEGACY AIRBORNE MCM** | **4,689** | **4,689** | **0** |
| **102 LAMPS EQUIPMENT** | **1,610** | **1,610** | **0** |
| **103 AVIATION SUPPORT EQUIPMENT** | **86,409** | **82,118** | **-4,291** |
| ASIP-SY126 unjustified growth | | -4,291 | |
| **104 UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CNTRL** | **136,647** | **131,239** | **-5,408** |
| Ship change document previously funded | | -5,408 | |
| **105 SHIP GUN SYSTEMS EQUIPMENT** | **5,902** | **5,902** | **0** |
| **106 HARPOON SUPPORT EQUIPMENT** | **217** | **217** | **0** |
| **107 SHIP MISSILE SUPPORT EQUIPMENT** | **286,788** | **277,828** | **-8,960** |
| I-Stalker various contract award delays | | -2,177 | |
| SSDS production support unjustified growth | | -6,867 | |
| MK57 UCEU hardware procurement unit cost growth | | -2,188 | |
| OTH WS installation unjustified growth | | -3,128 | |
| Program increase - SPY-1 low noise amplifier refurbishment and upgrade | | 5,400 | |
| **108 TOMAHAWK SUPPORT EQUIPMENT** | **95,856** | **92,270** | **-3,586** |
| TTWCS product improvement cost growth | | -3,586 | |
| **109 STRATEGIC MISSILE SYSTEMS EQUIP** | **279,430** | **279,430** | **0** |
| **110 SSN COMBAT CONTROL SYSTEMS** | **128,874** | **128,874** | **0** |
| **111 ASW SUPPORT EQUIPMENT** | **26,920** | **26,920** | **0** |
| **112 EXPLOSIVE ORDNANCE DISPOSAL EQUIP** | **17,048** | **14,336** | **-2,712** |
| VN870 tech insertion and refresh unjustified growth | | -2,712 | |
| **113 ITEMS LESS THAN $5 MILLION** | **5,938** | **5,938** | **0** |
| **114 ANTI-SHIP MISSILE DECOY SYSTEM** | **86,264** | **86,264** | **0** |
| **115 SUBMARINE TRAINING DEVICE MODS** | **80,591** | **80,591** | **0** |
| **116 SURFACE TRAINING EQUIPMENT** | **198,695** | **169,945** | **-28,750** |
| STAVE-LCS integrated tactics trainer modernization unjustified growth | | -19,117 | |
| SSC life cycle training system unjustified request | | -14,633 | |
| Program increase - surface training advanced virtual environment | | 5,000 | |
| **117 PASSENGER CARRYING VEHICLES** | **4,799** | **4,799** | **0** |
| **118 GENERAL PURPOSE TRUCKS** | **2,542** | **2,542** | **0** |
| **119 CONSTRUCTION & MAINTENANCE EQUIP** | **50,619** | **50,001** | **-618** |
| Earthmoving equipment previously funded | | -5,218 | |
| Program increase - GPS laser leveling systems for Seabees | | 4,600 | |
| **120 FIRE FIGHTING EQUIPMENT** | **16,305** | **16,305** | **0** |
| **121 TACTICAL VEHICLES** | **28,586** | **26,276** | **-2,310** |
| JLTV unit cost growth | | -2,310 | |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **122 POLLUTION CONTROL EQUIPMENT** | **2,840** | **2,840** | **0** |
| **123 ITEMS LESS THAN $5 MILLION** | **64,311** | **55,200** | **-9,111** |
| Stake/flat bed unit cost growth | | -1,932 | |
| Special purpose vehicles previously funded | | -2,675 | |
| 2500 KVA, 5KV/15KV unit cost growth | | -2,076 | |
| 5000 AMP, 480 V load distribution switchgear unit cost growth | | -2,428 | |
| **124 PHYSICAL SECURITY VEHICLES** | **1,263** | **1,263** | **0** |
| **125 SUPPLY EQUIPMENT** | **32,338** | **32,338** | **0** |
| **126 FIRST DESTINATION TRANSPORTATION** | **6,255** | **6,255** | **0** |
| **127 SPECIAL PURPOSE SUPPLY SYSTEMS** | **613,039** | **613,039** | **0** |
| **128 TRAINING SUPPORT EQUIPMENT** | **1,285** | **1,285** | **0** |
| **129 TRAINING AND EDUCATION EQUIPMENT** | **44,618** | **44,618** | **0** |
| **130 COMMAND SUPPORT EQUIPMENT** | **55,728** | **38,774** | **-16,954** |
| Historical unobligated balances | | -3,637 | |
| MOC baseline equipment unjustified growth | | -13,317 | |
| **131 MEDICAL SUPPORT EQUIPMENT** | **5,325** | **25,325** | **20,000** |
| Program increase - fleet hospital program | | 10,000 | |
| Program increase - expeditionary medical facilities | | 10,000 | |
| **133 NAVAL MIP SUPPORT EQUIPMENT** | **6,077** | **6,077** | **0** |
| **134 OPERATING FORCES SUPPORT EQUIPMENT** | **16,252** | **13,784** | **-2,468** |
| Mobile aircraft training devices previously funded | | -205 | |
| Utility float previously funded | | -725 | |
| 3 tier/4 tier plus – paint float previously funded | | -303 | |
| Hydro pneumatic sub fender previously funded | | -1,235 | |
| **135 C4ISR EQUIPMENT** | **6,497** | **6,497** | **0** |
| **136 ENVIRONMENTAL SUPPORT EQUIPMENT** | **36,592** | **36,592** | **0** |
| **137 PHYSICAL SECURITY EQUIPMENT** | **118,598** | **107,372** | **-11,226** |
| Historical unobligated balances | | -5,770 | |
| Physical security access control installation perimeter access control previously funded | | -4,586 | |
| Physical security access control enclaves electronic security systems previously funded | | -870 | |
| **138 ENTERPRISE INFORMATION TECHNOLOGY** | **29,407** | **29,407** | **0** |
| **142 NEXT GENERATION ENTERPRISE SERVICE** | **201,314** | **177,314** | **-24,000** |
| NGEN transformation unjustified growth | | -24,000 | |
| **143 CYBERSPACE ACTIVITIES** | **5,018** | **5,018** | **0** |
| **144 CYBER MISSION FORCES** | **17,115** | **17,115** | **0** |
| **999 CLASSIFIED PROGRAMS** | **17,295** | **17,295** | **0** |
| **145 SPARES AND REPAIR PARTS** | **532,313** | **532,313** | **0** |

## PROCUREMENT, MARINE CORPS

| | |
|---|---|
| Fiscal year 2023 budget request | $3,681,506,000 |
| Committee recommendation | 3,414,365,000 |
| Change from budget request | −267,141,000 |

The Committee recommends an appropriation of $3,414,365,000 for Procurement, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | AAV7A1 PIP | 5,653 | 5,653 | 0 |
| 2 | AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES | 536,678 | 502,021 | -34,657 |
| | ACV-P unit cost growth | | -4,959 | |
| | GFE – communication suites previously funded | | -7,957 | |
| | GFE – remote weapons station previously funded | | -8,086 | |
| | Engineering change orders previously funded | | -4,056 | |
| | ILS excess growth | | -9,599 | |
| 3 | LAV PIP | 57,099 | 55,739 | -1,360 |
| | M&S tactical communication modernization kits previously funded | | -1,360 | |
| 4 | 155MM LIGHTWEIGHT TOWED HOWITZER | 1,782 | 1,782 | 0 |
| 5 | ARTILLERY WEAPONS SYSTEM | 143,808 | 143,808 | 0 |
| 6 | WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION | 11,118 | 11,118 | 0 |
| 7 | TOMAHAWK | 42,958 | 42,958 | 0 |
| 8 | NAVAL STRIKE MISSILE (NSM) | 174,369 | 174,369 | 0 |
| 9 | GROUND BASED AIR DEFENSE | 173,801 | 166,053 | -7,748 |
| | Prior year under execution | | -7,748 | |
| 10 | ANTI-ARMOR MISSILE-JAVELIN | 18,495 | 17,205 | -1,290 |
| | Guided missile unit cost growth | | -1,290 | |
| 11 | FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS) | 21,419 | 21,419 | 0 |
| 12 | ANTI-ARMOR MISSILE-TOW | 663 | 663 | 0 |
| 13 | GUIDED MLRS ROCKET (GMLRS) | 7,605 | 7,605 | 0 |
| 14 | COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) | 30,292 | 30,292 | 0 |
| 15 | REPAIR AND TEST EQUIPMENT | 58,024 | 45,777 | -12,247 |
| | CBM+ test systems unjustified request | | -6,680 | |
| | Automatic test equipment unjustified growth | | -5,567 | |
| 16 | MODIFICATION KITS | 293 | 293 | 0 |
| 17 | ITEMS UNDER $5 MILLION (COMM & ELEC) | 83,345 | 83,345 | 0 |
| 18 | AIR OPERATIONS C2 SYSTEMS | 11,048 | 11,048 | 0 |
| 19 | GROUND/AIR TASK ORIENTED RADAR (G/ATOR) | 61,943 | 61,943 | 0 |
| 20 | GCSS-MC | 1,663 | 1,663 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 21 | **FIRE SUPPORT SYSTEM** | **48,322** | **48,322** | **0** |
| 22 | **INTELLIGENCE SUPPORT EQUIPMENT** | **182,894** | **167,894** | **-15,000** |
| | Prior year under execution | | -15,000 | |
| 24 | **UNMANNED AIR SYSTEMS (INTEL)** | **47,595** | **39,219** | **-8,376** |
| | Medium range/ medium endurance unit cost growth | | -4,139 | |
| | Short range/ short endurance unit cost growth | | -4,237 | |
| 25 | **DCGS-MC** | **47,998** | **40,598** | **-7,400** |
| | Prior year under execution | | -7,400 | |
| 26 | **UAS PAYLOADS** | **8,619** | **8,619** | **0** |
| 29 | **MARINE CORPS ENTERPRISE NETWORK (MCEN)** | **276,763** | **248,745** | **-28,018** |
| | End user devices excess growth | | -28,018 | |
| 30 | **COMMON COMPUTER RESOURCES** | **40,096** | **32,096** | **-8,000** |
| | Audio video equipment unjustified request | | -8,000 | |
| 31 | **COMMAND POST SYSTEMS** | **58,314** | **58,314** | **0** |
| 32 | **RADIO SYSTEMS** | **612,450** | **526,866** | **-85,584** |
| | MCWS-L unit cost growth | | -5,000 | |
| | MCWS-H unit cost growth | | -4,800 | |
| | SERPNT unjustified request | | -15,479 | |
| | HFR II VRC AN/VRC-104C unit cost growth | | -6,940 | |
| | HFR II MRC AN/MRC-148A unit cost growth | | -4,260 | |
| | HFR II TRC AN/TRC-209D unit cost growth | | -7,650 | |
| | MCMP VRC unjustified request | | -12,857 | |
| | MCHH VIK unit cost growth | | -16,613 | |
| | TWTS LRS FoS TEAMS II contract award delay | | -11,985 | |
| 33 | **COMM SWITCHING & CONTROL SYSTEMS** | **51,976** | **39,326** | **-12,650** |
| | Operational command post unjustified request | | -12,650 | |
| 34 | **COMM & ELEC INFRASTRUCTURE SUPPORT** | **26,029** | **26,029** | **0** |
| 35 | **CYBERSPACE ACTIVITIES** | **17,759** | **17,759** | **0** |
| 36 | **CYBER MISSION FORCES** | **4,036** | **4,036** | **0** |
| | **CLASSIFIED PROGRAMS** | **3,884** | **3,884** | **0** |
| 39 | **COMMERCIAL CARGO VEHICLES** | **35,179** | **27,269** | **-7,910** |
| | Garrison transportation and management unjustified growth | | -7,910 | |
| 40 | **MOTOR TRANSPORT MODIFICATIONS** | **17,807** | **17,807** | **0** |
| 41 | **JOINT LIGHT TACTICAL VEHICLE** | **222,257** | **222,257** | **0** |
| 43 | **TRAILERS** | **2,721** | **2,721** | **0** |
| 45 | **TACTICAL FUEL SYSTEMS** | **7,854** | **7,854** | **0** |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 46 | POWER EQUIPMENT ASSORTED | 5,841 | 5,841 | 0 |
| 47 | AMPHIBIOUS SUPPORT EQUIPMENT | 38,120 | 38,120 | 0 |
| 48 | EOD SYSTEMS | 201,047 | 182,247 | -18,800 |
| | Prior year under execution | | -18,800 | |
| 49 | PHYSICAL SECURITY EQUIPMENT | 69,967 | 65,967 | -4,000 |
| | Prior year under execution | | -4,000 | |
| 50 | FIELD MEDICAL EQUIPMENT | 21,780 | 21,780 | 0 |
| 51 | TRAINING DEVICES | 86,272 | 72,171 | -14,101 |
| | RTAM Multiple Instrum, CTE, Targetry and BES TNG SYS and Range Re-Cap previously funded | | -2,603 | |
| | RTAM Multiple Instrum, CTE, Targetry and BES TNG SYS and Range Re-Cap excess growth | | -11,498 | |
| 52 | FAMILY OF CONSTRUCTION EQUIPMENT | 27,605 | 27,605 | 0 |
| 53 | ULTRA-LIGHT TACTICAL VEHICLE (ULTV) | 15,033 | 15,033 | 0 |
| 54 | ITEMS LESS THAN $5 MILLION | 26,433 | 26,433 | 0 |
| 55 | SPARES AND REPAIR PARTS | 34,799 | 34,799 | 0 |

## AIRCRAFT PROCUREMENT, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $18,517,428,000 |
| Committee recommendation | 18,114,396,000 |
| Change from budget request | −403,032,000 |

The Committee recommends an appropriation of $18,114,396,000 for Aircraft Procurement, Air Force which will provide the following program in fiscal year 2023:

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

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **B-21 RAIDER** | **1,498,431** | **1,488,431** | **-10,000** |
| | Classified adjustment | | -10,000 | |
| 2 | **B-21 RAIDER (AP-CY)** | **288,165** | **288,165** | **0** |
| 3 | **F-35** | **3,320,757** | **3,482,757** | **162,000** |
| | Program increase | | 135,000 | |
| | Program increase - F135 engine repair facility test modules | | 27,000 | |
| 4 | **F-35 (AP-CY)** | **594,886** | **207,702** | **-387,184** |
| | EOQ unjustified request | | -243,184 | |
| | Long lead excess to need | | -144,000 | |
| 5 | **F-15EX** | **2,422,348** | **1,880,908** | **-541,440** |
| | Excessive use of undefinitized contractual actions (UCA) | | -541,440 | |
| 6 | **F-15EX (AP-CY)** | **264,000** | **264,000** | |
| 7 | **KC-46A MDAP** | **2,684,503** | **2,674,753** | **-9,750** |
| | Adjust unit cost to not-to-exceed amount | | -9,750 | |
| 8 | **C-130J** | **75,293** | **75,293** | **0** |
| 9 | **MC-130J** | **40,351** | **40,351** | **0** |
| 11 | **ADVANCED TRAINER REPLACEMENT T-X** | **10,507** | **10,507** | **0** |
| 12 | **MH-139A** | **156,192** | **97,801** | **-58,391** |
| | First lot advance funded in fiscal year 2022 | | -58,391 | |
| 13 | **COMBAT RESCUE HELICOPTER** | **707,018** | **694,018** | **-13,000** |
| | Site activation excess to need | | -4,100 | |
| | Unit cost excess to need | | -8,900 | |
| 15 | **CIVIL AIR PATROL** | **2,952** | **11,600** | **8,648** |
| | Program increase | | 8,648 | |
| 16 | **TARGET DRONES** | **128,906** | **113,706** | **-15,200** |
| | Excess to need | | -15,200 | |
| 17 | **COMPASS CALL** | **0** | **138,500** | **138,500** |
| | Program increase | | 138,500 | |
| 18 | **E-11 BACN/HAG** | **67,260** | **67,260** | **0** |
| 19 | **MQ-9** | **17,039** | **16,039** | **-1,000** |
| | Other government costs excess growth | | -1,000 | |
| 21 | **AGILITY PRIME PROCUREMENT** | **3,612** | **0** | **-3,612** |
| | Lack of clear acquisition or fielding strategy | | -3,612 | |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 22 | **B-2A** | **106,752** | **91,771** | **-14,981** |
| | ACS kits ahead of need | | -14,981 | |
| 23 | **B-1B** | **36,313** | **28,594** | **-7,719** |
| | Radio crypto ahead of need | | -7,719 | |
| 24 | **B-52** | **127,854** | **113,729** | **-14,125** |
| | VLF/LF delays | | -1,825 | |
| | CONECT forward financed | | -12,300 | |
| 25 | **LARGE AIRCRAFT INFRARED COUNTER MEASURES** | **25,286** | **25,286** | **0** |
| 26 | **A-10** | **83,972** | **83,972** | **0** |
| 27 | **E-11 BACN/HAG** | **10,309** | **10,309** | **0** |
| 28 | **F-15** | **194,379** | **194,379** | **0** |
| 29 | **F-16** | **700,455** | **770,965** | **70,510** |
| | Overestimation of SLEP induction rate | | -14,500 | |
| | SMDS unclear acquisition plan | | -7,990 | |
| | Program increase - HUD upgrade | | 40,000 | |
| | Program increase - AESA radars only for Air National Guard | | 53,000 | |
| 30 | **F-22A** | **764,222** | **747,933** | **-16,289** |
| | Sensor enhancements program decrease | | -7,400 | |
| | SE group B installs | | -8,889 | |
| 31 | **F-35 MODIFICATIONS** | **414,382** | **414,382** | **0** |
| 32 | **F-15 EPAW** | **259,837** | **259,837** | **0** |
| 34 | **KC-46A MDAP** | **467** | **467** | **0** |
| 35 | **C-5** | **46,027** | **15,673** | **-30,354** |
| | Air Force requested transfer to line 64 to correct programming error for DMO and MAF training | | -12,354 | |
| | Air Force requested transfer to line 73A to correct programming error for fuselage trainer | | -18,000 | |
| 36 | **C-17A** | **152,009** | **157,509** | **5,500** |
| | Air Force requested transfer from RDTE,AF line 53 for C-17 engine pylon fairings | | 2,500 | |
| | Air Force requested transfer from RDTE,AF line 53 for C-17 microvanes | | 3,000 | |
| 37 | **C-32** | **4,068** | **4,068** | **0** |
| 38 | **C-37A** | **6,062** | **6,062** | **0** |
| 39 | **GLIDER MODS** | **149** | **149** | **0** |
| 40 | **T-6** | **6,215** | **6,215** | **0** |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 41 | T-1 | 6,262 | 6,262 | 0 |
| 42 | T-38 | 111,668 | 111,668 | 0 |
| 44 | U-2 | 81,650 | 72,850 | -8,800 |
| | Avionics tech refresh delays | | -8,800 | |
| 45 | KC-10 | 3,443 | 2,043 | -1,400 |
| | Unjustified growth | | -1,400 | |
| 46 | C-21 | 2,024 | 2,024 | 0 |
| 47 | VC-25A MOD | 2,146 | 2,146 | 0 |
| 48 | C-40 | 2,197 | 2,197 | 0 |
| 49 | C-130 | 114,268 | 242,268 | 128,000 |
| | AMP 2 install funding ahead of need | | -5,600 | |
| | Low cost mods reduction for historical execution | | -800 | |
| | Air Force requested transfer from RDTE,AF line 53 for C-130 finlets | | 17,500 | |
| | Program increase - eight blade propeller upgrade | | 60,700 | |
| | Program increase - engine enhancement program | | 41,200 | |
| | Program increase - modular airborne fire fighting system | | 15,000 | |
| 50 | C-130J MODS | 112,299 | 112,299 | 0 |
| 51 | C-135 | 149,023 | 136,123 | -12,900 |
| | COMM 2 crypto and data ahead of need | | -16,875 | |
| | MUOS ahead of need | | -15,525 | |
| | Air Force-requested transfer from RDTE,AF line 53 for KC-135 aft body drag reduction | | 11,500 | |
| | Air Force-requested transfer from RDTE,AF line 53 for KC-135 vertical windshield wipers | | 8,000 | |
| 52 | COMPASS CALL MODS | 16,630 | 90,130 | 73,500 |
| | Program increase | | 73,500 | |
| 53 | RC-135 | 212,828 | 212,828 | 0 |
| 54 | E-3 | 54,247 | 29,187 | -25,060 |
| | ACIP ahead of need | | -25,060 | |
| 55 | E-4 | 5,973 | 5,973 | 0 |
| 56 | E-8 | 16,610 | 0 | -16,610 |
| | Unjustified request | | -16,610 | |
| 59 | H-1 | 1,757 | 1,757 | 0 |
| 60 | H-60 | 10,820 | 10,820 | 0 |
| 61 | COMBAT RESCUE HELICOPTER MODIFICATION | 3,083 | 3,083 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 62 | **RQ-4 MODS** | **1,286** | **1,286** | **0** |
| 63 | **HC/MC-130 MODS** | **138,956** | **108,318** | **-30,638** |
| | HC-Communications Modernization Ph 1 ahead of need | | -10,000 | |
| | AC/MC-Communications Modernization Ph 1 ahead of need | | -20,638 | |
| 64 | **OTHER AIRCRAFT** | **29,029** | **41,383** | **12,354** |
| | Transfer from line 35 to correct programming error for DMO and MAF training | | 12,354 | |
| 65 | **MQ-9 MODS** | **64,370** | **164,370** | **100,000** |
| | Program increase - M2DO modification acceleration | | 100,000 | |
| 67 | **SLC3S-A** | **24,784** | **24,784** | **0** |
| 68 | **CV-22 MODS** | **153,026** | **153,026** | **0** |
| 69 | **INITIAL SPARES/REPAIR PARTS** | **623,661** | **722,070** | **98,409** |
| | MQ-9 carryover | | -700 | |
| | B-1B radio crypto ahead of need | | -891 | |
| | Program increase - F135 spares | | 100,000 | |
| 70 | **AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT** | **138,935** | **138,935** | **0** |
| 71 | **B-2A** | **1,802** | **1,802** | **0** |
| 72 | **B-2B** | **36,325** | **36,325** | **0** |
| 73 | **B-52** | **5,883** | **5,883** | **0** |
| 73A | **C-5 (BA07)** | **0** | **18,000** | **18,000** |
| | Transfer from line 35 to correct programming error for fuselage trainer | | 18,000 | |
| 74 | **F-15** | **2,764** | **2,764** | **0** |
| 75 | **F-16** | **5,102** | **5,102** | **0** |
| 77 | **MQ9 POST PROD** | **7,069** | **7,069** | **0** |
| 78 | **RQ-4 POST PRODUCTION CHARGES** | **40,845** | **40,845** | **0** |
| 79 | **INDUSTRIAL RESPONSIVENESS** | **19,128** | **19,128** | **0** |
| 80 | **WAR CONSUMABLES** | **31,165** | **31,165** | **0** |
| 81 | **OTHER PRODUCTION CHARGES** | **1,047,300** | **1,047,300** | **0** |
| 999 | **CLASSIFIED PROGRAMS** | **18,092** | **18,092** | **0** |

F–15EX

The Committee's recommendation includes $1,880,908,000 for the procurement of 18 F–15EX aircraft, a decrease of $541,440,000 and six aircraft below the request and an increase of six aircraft above the fiscal year 2022 level. The Committee continues to support the F–15EX effort as the best means to recapitalize the deteriorating F–15C/D fleet while providing significant and relevant capability with its large weapons capacity and an upgraded electronic warfare system. However, the Committee notes that since the initial appropriation for F–15EX in fiscal year 2020, the Air Force continually has awarded funds using undefinitized contractual actions (UCAs) and that these UCAs have been subject to prolonged delays to their definitization as required by defense acquisition regulations. As of the submission of the President's budget request, all previous funds provided for F–15EX procurement are on outstanding UCAs. The Air Force has informed the Committee that it intends to place fiscal year 2022 funds for F–15EX on yet another UCA, with the goal of definitizing the contract in calendar mid-2023.

The Committee finds this unacceptable. As the Committee noted in House Report 111–230, UCAs "are to be used as the exception not as the rule". On the F–15EX program they have become the rule. The repeated use of UCAs and the delays to their definitization hinder congressional oversight by depriving the Committee of insight into accurate pricing and other contractual matters, as well as distorting program financial execution data. In addition to the reduction for fiscal year 2023, the Committee's recommendation includes a provision in this account that prohibits the Air Force from awarding the fiscal year 2023 aircraft through a UCA. At the same time, the Committee notes that the fiscal year 2023 request proposes to accelerate F–15EX procurement toward a truncated program of just 80 aircraft, versus the up to 144 aircraft envisioned by the Air Force at the program's outset, ending procurement with another 24 aircraft to be requested in fiscal year 2024. The reduction in the program leaves in doubt the status and future of F–15C/D units, several of which are housed in the Air National Guard. The Air Force has yet to provide the Committee with the specific impacts this reduction will have to the Air Force's strategic basing laydown. The Committee directs the Secretary of the Air Force to provide a report on these impacts to the congressional defense committees not later than 30 days after the submission of the fiscal year 2024 President's budget request.

## MISSILE PROCUREMENT, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $2,962,417,000 |
| Committee recommendation | 2,866,722,000 |
| Change from budget request | −95,695,000 |

The Committee recommends an appropriation of $2,866,722,000 for Missile Procurement, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | MISSILE REPLACEMENT EQUIPMENT-BALLISTIC (M30GLG) | 57,476 | 40,076 | -17,400 |
| | Payload Transporter Replacement delays | | -15,400 | |
| | PADS CEIU delays | | -2,000 | |
| 4 | LONG RANGE STAND-OFF WEAPON | 31,454 | 31,454 | 0 |
| 5 | REPLACEMENT EQUIPMENT & WAR CONSUMABLES | 30,510 | 30,510 | 0 |
| 6 | AGM-183A AIR-LAUNCHED RAPID RESPONSE WEAPON | 46,566 | 0 | -46,566 |
| | Excess to need | | -46,566 | |
| 7 | JASSM | 784,971 | 773,711 | -11,260 |
| | Adjust 158-B2 quantity | | -11,260 | |
| 8 | LRASM0 | 114,025 | 114,025 | 0 |
| 9 | SIDEWINDER (AIM-9X) | 111,855 | 111,855 | 0 |
| 10 | AMRAAM | 320,056 | 320,056 | 0 |
| 11 | HELLFIRE | 1,040 | 1,040 | 0 |
| 12 | SMALL DIAMETER BOMB | 46,475 | 46,475 | 0 |
| 13 | SMALL DIAMETER BOMB II | 279,006 | 279,006 | 0 |
| 14 | STAND-IN ATTACK WEAPON (SIAW) | 77,975 | 77,975 | 0 |
| 15 | INDUSTRIAL PREPAREDNESS | 868 | 868 | 0 |
| 18 | ICBM FUZE MOD | 99,691 | 85,691 | -14,000 |
| | Excessive cost growth | | -14,000 | |
| 19 | ICBM FUZE MOD (AP-CY) | 37,673 | 37,673 | 0 |
| 20 | MINUTEMAN III MODIFICATIONS | 68,193 | 61,724 | -6,469 |
| | Remote Visual Assessment Phase II program delays | | -2,000 | |
| | Arm/Disarm Switch Replacement program delays | | -4,469 | |
| 22 | ALCM | 33,778 | 33,778 | 0 |
| 23 | MISSILE SPARES / REPAIR PARTS (INITIAL) | 15,354 | 15,354 | 0 |
| 24 | MISSILE SPARES / REPAIR PARTS (REPLEN) | 62,978 | 62,978 | 0 |
| 28 | SPECIAL UPDATE PROGRAMS | 36,933 | 36,933 | 0 |
| 999 | CLASSIFIED PROGRAMS | 705,540 | 705,540 | 0 |

## PROCUREMENT OF AMMUNITION, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $903,630,000 |
| Committee recommendation | 890,530,000 |
| Change from budget request | −13,100,000 |

The Committee recommends an appropriation of $890,530,000 for Procurement of Ammunition, Air Force which will provide the following program in fiscal year 2023:

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

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **ROCKETS** | **22,190** | **22,190** | **0** |
| 2 | **CARTRIDGES** | **124,164** | **117,064** | **-7,100** |
| | Small cal/ground munitions - (B519) 40MM practice M781 budget growth not justified by quantity | | -1,500 | |
| | Small cal/ground munitions - (BA21) 40MM practice day/night linked budget growth not justified by quantity | | -1,000 | |
| | Medium cal ammo - (B104) 30MM PGU-13/B budget growth not justified by quantity | | -4,600 | |
| 4 | **GENERAL PURPOSE BOMBS** | **162,800** | **162,300** | **-500** |
| | Practice bombs - FDT transfer to line 12 | | -500 | |
| 5 | **MASSIVE ORDNANCE PENETRATOR (MOP)** | **19,743** | **19,743** | **0** |
| 6 | **JOINT DIRECT ATTACK MUNITION** | **251,956** | **251,956** | **0** |
| 8 | **CAD/PAD** | **50,473** | **48,473** | **-2,000** |
| | Prior year underexecution | | -2,000 | |
| 9 | **EXPLOSIVE ORDNANCE DISPOSAL** | **6,343** | **6,343** | **0** |
| 10 | **SPARES AND REPAIR PARTS** | **573** | **573** | **0** |
| 12 | **FIRST DESTINATION TRANSPORTATION** | **1,903** | **3,025** | **1,122** |
| | Transfer from line 4 | | 500 | |
| | Transfer from line 16 | | 4,622 | |
| | Excess growth | | -4,000 | |
| 13 | **ITEMS LESS THAN $5M** | **5,014** | **5,014** | **0** |
| 14 | **EXPENDABLE COUNTERMEASURES** | **120,548** | **120,548** | **0** |
| 15 | **FUZES** | **121,528** | **121,528** | **0** |
| 16 | **SMALL ARMS** | **16,395** | **11,773** | **-4,622** |
| | Transfer to line 12 for first destination transportation | | -4,622 | |

## OTHER PROCUREMENT, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $25,691,113,000 |
| Committee recommendation | 25,426,674,000 |
| Change from budget request | −264,439,000 |

The Committee recommends an appropriation of $25,426,674,000 for Other Procurement, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | PASSENGER CARRYING VEHICLES | 2,446 | 2,446 | 0 |
| 2 | FAMILY MEDIUM TACTICAL VEHICLE | 1,125 | 1,125 | 0 |
| 3 | CAP VEHICLES | 999 | 1,900 | 901 |
| | Program increase | | 901 | |
| 4 | CARGO AND UTILITY VEHICLES | 35,220 | 35,220 | 0 |
| 5 | JOINT LIGHT TACTICAL VEHICLE | 60,461 | 60,461 | 0 |
| 6 | SECURITY AND TACTICAL VEHICLES | 382 | 382 | 0 |
| 7 | SPECIAL PURPOSE VEHICLES | 49,623 | 49,623 | 0 |
| 8 | FIRE FIGHTING/CRASH RESCUE VEHICLES | 11,231 | 11,231 | 0 |
| 9 | MATERIALS HANDLING EQUIPMENT | 12,559 | 15,259 | 2,700 |
| | Air Force requested transfer from OM,ANG line 11G | | 2,700 | |
| 10 | RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT | 6,409 | 6,409 | 0 |
| 11 | BASE MAINTENANCE SUPPORT VEHICLES | 72,012 | 72,012 | 0 |
| 13 | COMSEC EQUIPMENT | 96,851 | 96,851 | 0 |
| 14 | STRATEGIC MICROELECTRONIC SUPPLY SYSTEM | 467,901 | 467,901 | 0 |
| 15 | INTERNATIONAL INTEL TECH & ARCHITECTURES | 7,043 | 7,043 | 0 |
| 16 | INTELLIGENCE TRAINING EQUIPMENT | 2,424 | 2,424 | 0 |
| 17 | INTELLIGENCE COMM EQUIPMENT | 25,308 | 25,308 | 0 |
| 18 | AIR TRAFFIC CONTROL & LANDING SYSTEMS | 65,531 | 65,531 | 0 |
| 19 | BATTLE CONTROL SYSTEM - FIXED | 1,597 | 1,597 | 0 |
| 20 | THEATER AIR CONTROL SYSTEM IMPROVEMENTS | 9,611 | 6,611 | -3,000 |
| | Unit cost increase and unobligated balances | | -3,000 | |
| 21 | 3D EXPEDITIONARY LONG-RANGE RADAR (3DELRR) | 174,640 | 174,640 | 0 |
| 22 | WEATHER OBSERVATION FORECAST | 20,658 | 20,658 | 0 |
| 23 | STRATEGIC COMMAND AND CONTROL | 93,351 | 93,567 | 216 |
| | Transfer from RDTE,AF line 278 | | 216 | |
| 24 | CHEYENNE MOUNTAIN COMPLEX | 6,118 | 6,118 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 25 | MISSION PLANNING SYSTEMS | 13,947 | 13,947 | 0 |
| 27 | INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) | 0 | 4,740 | 4,740 |
| | Transfer from RDTE,AF line 278 | | 4,740 | |
| 28 | GENERAL INFORMATION TECHNOLOGY | 101,517 | 101,517 | 0 |
| 29 | AF GLOBAL COMMAND AND CONTROL SYSTEM | 2,487 | 2,487 | 0 |
| 30 | BATTLEFIELD AIRBORNE CONTROL NODE (BACN) | 32,807 | 32,807 | 0 |
| 31 | MOBILITY COMMAND AND CONTROL | 10,210 | 10,210 | 0 |
| 35 | COMBAT TRAINING RANGES | 134,213 | 139,213 | 5,000 |
| | Program increase - simplified planning execution analysis and reconstruction | | 5,000 | |
| 36 | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) | 66,294 | 66,294 | 0 |
| 37 | WIDE AREA SURVEILLANCE (WAS) | 29,518 | 29,518 | 0 |
| 38 | C3 COUNTERMEASURES | 55,324 | 55,324 | 0 |
| 40 | GCSS-AF FOS | 786 | 786 | 0 |
| 42 | MAINTENANCE REPAIR & OVERHAUL INITIATIVE | 248 | 248 | 0 |
| 43 | THEATER BATTLE MGT C2 SYSTEM | 275 | 275 | 0 |
| 44 | AIR & SPACE OPERATIONS CENTER (AOC) | 2,611 | 21,753 | 19,142 |
| | Transfer from RDTE,AF line 279 | | 19,142 | |
| 46 | BASE INFORMATION TRANSPT INFRAST (BITI) WIRED | 29,791 | 29,791 | 0 |
| 47 | AFNET | 83,320 | 80,320 | -3,000 |
| | CSCS unjustified growth in PMA contractor services | | -3,000 | |
| 48 | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) | 5,199 | 5,199 | 0 |
| 49 | USCENTCOM | 11,896 | 11,896 | 0 |
| 50 | USSTRATCOM | 4,619 | 4,619 | 0 |
| 51 | TACTICAL C-E EQUIPMENT | 120,050 | 120,050 | 0 |
| 52 | RADIO EQUIPMENT | 14,053 | 14,053 | 0 |
| 54 | BASE COMM INFRASTRUCTURE | 91,313 | 91,313 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 55 | **COMM ELECT MODS** | 167,419 | 59,419 | -108,000 |
| | HLD site system hardware ahead of need | | -108,000 | |
| 56 | **PERSONAL SAFETY & RESCUE EQUIPMENT** | 92,995 | 102,995 | 10,000 |
| | Program increase - handheld trace level chemical detection devices | | 10,000 | |
| 57 | **POWER CONDITIONING EQUIPMENT** | 12,199 | 12,199 | 0 |
| 58 | **MECHANIZED MATERIAL HANDLING EQUIPMENT** | 9,326 | 9,326 | 0 |
| 59 | **BASE PROCURED EQUIPMENT** | 52,890 | 52,890 | 0 |
| 60 | **ENGINEERING AND EOD EQUIPMENT** | 231,552 | 231,552 | 0 |
| 61 | **MOBILITY EQUIPMENT** | 28,758 | 28,758 | 0 |
| 62 | **FUELS SUPPORT EQUIPMENT** | 21,740 | 12,740 | -9,000 |
| | Underexecution | | -9,000 | |
| 65 | **DARP RC-135** | 28,153 | 28,153 | 0 |
| 66 | **DISTRIBUTED GROUND SYSTEMS (DCGS-AF)** | 217,713 | 217,713 | 0 |
| 70 | **SPECIAL UPDATE PROGRAM** | 978,499 | 978,499 | 0 |
| 71 | **SPARES AND REPAIR PARTS (CYBER)** | 1,007 | 1,007 | 0 |
| 72 | **SPARES AND REPAIR PARTS** | 23,175 | 18,175 | -5,000 |
| | Underexecution | | -5,000 | |
| 999 | **CLASSIFIED PROGRAMS** | 21,791,709 | 21,612,571 | -179,138 |
| | Classified adjustment | | -179,138 | |

## PROCUREMENT, SPACE FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $3,629,669,000 |
| Committee recommendation | 3,717,369,000 |
| Change from budget request | +87,700,000 |

The Committee recommends an appropriation of $3,717,369,000 for Procurement, Space Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | AF SATELLITE COMM SYSTEM | 51,414 | 51,414 | 0 |
| 3 | COUNTERSPACE SYSTEMS<br>Reduce carryover | 62,691 | 60,241<br>-2,450 | -2,450 |
| 4 | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS<br>Underexecution | 26,394 | 16,144<br>-10,250 | -10,250 |
| 5 | WIDEBAND GAPFILLER SATELLITES (SPACE)<br>Inadequate justification - WGS 11 integration | 21,982 | 14,482<br>-7,500 | -7,500 |
| 6 | GENERAL INFORMATION TECH - SPACE | 5,424 | 5,424 | 0 |
| 7 | GPSIII FOLLOW ON<br>Excess to need | 657,562 | 646,962<br>-10,600 | -10,600 |
| 8 | GPS III SPACE SEGMENT | 103,340 | 103,340 | 0 |
| 9 | GLOBAL POSTIONING (SPACE) | 950 | 950 | 0 |
| 10 | HERITAGE TRANSITION | 21,896 | 21,896 | 0 |
| 11 | SPACEBORNE EQUIP (COMSEC)<br>Cost overestimation | 29,587 | 20,067<br>-9,520 | -9,520 |
| 12 | MILSATCOM | 29,333 | 29,333 | 0 |
| 13 | SBIR HIGH (SPACE)<br>Unjustified increase - S2E2 | 148,666 | 141,966<br>-6,700 | -6,700 |
| 14 | SPECIAL SPACE ACTIVITIES<br>Prior year carryover | 817,484 | 805,004<br>-12,480 | -12,480 |
| 15 | MOBILE USER OBJECTIVE SYSTEM | 46,833 | 46,833 | 0 |
| 16 | NATIONAL SECURITY SPACE LAUNCH<br>Excess to need | 1,056,133 | 1,009,033<br>-47,100 | -47,100 |
| 17 | NUDET DETECTION SYSTEM | 7,062 | 7,062 | 0 |
| 18 | PTES HUB | 42,464 | 42,464 | 0 |
| 19 | ROCKET SYSTEMS LAUNCH PROGRAM | 39,145 | 39,145 | 0 |
| 20 | SPACE DEVELOPMENT AGENCY LAUNCH<br>DAF requested transfer from RDTE,SF line 36 | 314,288 | 514,288<br>200,000 | 200,000 |
| 22 | SPACE MODS<br>Prior year carryover | 73,957 | 68,257<br>-5,700 | -5,700 |
| 23 | SPACELIFT RANGE SYSTEM SPACE | 71,712 | 71,712 | 0 |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 24 SPARES AND REPAIR PARTS | 1,352 | 1,352 | 0 |

## PROCUREMENT, DEFENSE WIDE

| | |
|---|---|
| Fiscal year 2023 budget request | $5,245,500,000 |
| Committee recommendation | 5,425,747,000 |
| Change from budget request | +180,247,000 |

The Committee recommends an appropriation of $5,425,747,000 for Procurement, Defense-Wide which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | MAJOR EQUIPMENT | 2,346 | 2,346 | 0 |
| 3 | PERSONNEL ADMINISTRATION | 4,522 | 4,522 | 0 |
| 11 | INFORMATION SYSTEMS SECURITY | 24,044 | 24,044 | 0 |
| 12 | TELEPORT PROGRAM | 50,475 | 50,475 | 0 |
| 13 | JOINT FORCES HEADQUARTERS - DODIN | 674 | 674 | 0 |
| 14 | ITEMS LESS THAN $5M | 46,614 | 46,614 | 0 |
| 15 | DEFENSE INFORMATION SYSTEMS NETWORK | 87,345 | 87,345 | 0 |
| 16 | WHITE HOUSE COMMUNICATION AGENCY | 130,145 | 130,145 | 0 |
| 17 | SENIOR LEADERSHIP ENTERPRISE | 47,864 | 47,864 | 0 |
| 18 | JOINT REGIONAL SECURITY STACKS (JRSS) | 17,135 | 17,135 | 0 |
| 19 | JOINT SERVICE PROVIDER | 86,183 | 86,183 | 0 |
| 20 | FOURTH ESTATE NETWORK OPTIMIZATION (4ENO) | 42,756 | 42,756 | 0 |
| 22 | MAJOR EQUIPMENT, DLA | 24,501 | 24,501 | 0 |
| 23 | MAJOR EQUIPMENT, DMACT | 11,117 | 11,117 | 0 |
| 24 | AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS | 2,048 | 2,048 | 0 |
| 25 | MAJOR EQUIPMENT, DPAA | 513 | 513 | 0 |
| 27 | VEHICLES | 139 | 139 | 0 |
| 28 | OTHER MAJOR EQUIPMENT | 14,296 | 14,296 | 0 |
| 30 | THAAD SYSTEM | 74,994 | 74,994 | 0 |
| 31 | GROUND BASED MIDCOURSE | 11,300 | 11,300 | 0 |
| 32 | AEGIS BMD | 402,235 | 402,235 | 0 |
| 34 | BMDS AN/TPY-2 RADARS | 4,606 | 4,606 | 0 |
| 35 | AEGIS BMD SM-3 BLOCK IIA | 337,975 | 337,975 | 0 |
| 36 | ISRAELI PROGRAMS (ARROW 3 UPPER TIER SYSTEMS) | 80,000 | 80,000 | 0 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 37 | SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) | 40,000 | 40,000 | 0 |
| 38 | DEFENSE OF GUAM PROCUREMENT | 26,514 | 26,514 | 0 |
| 39 | AEGIS ASHORE PHASE III | 30,056 | 30,056 | 0 |
| 40 | IRON DOME SYSTEM | 80,000 | 80,000 | 0 |
| 41 | AEGIS BMD HARDWARE AND SOFTWARE | 78,181 | 78,181 | 0 |
| 47 | INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) | 6,738 | 6,738 | 0 |
| 50 | MAJOR EQUIPMENT, OSD | 64,291 | 153,291 | 89,000 |
| | Poor justification | | -14,000 | |
| | Transfer from RDTE, DW line 276, accelerate the procurement and fielding of innovative technologies | | 100,000 | |
| | Program increase - mentor-protégé program | | 3,000 | |
| 52 | MAJOR EQUIPMENT, TJS | 3,900 | 3,900 | 0 |
| 54 | MAJOR EQUIPMENT WHS | 310 | 310 | 0 |
| 55 | ARMED OVERWATCH/TARGETING | 246,000 | 246,000 | 0 |
| 56 | MANNED ISR | 5,000 | 5,000 | 0 |
| 57 | MC-12 | 3,344 | 3,344 | 0 |
| 59 | SOF ROTARY WING UPGRADES AND SUSTAINMENT | 214,575 | 210,283 | -4,292 |
| | Excess to need | | -4,292 | |
| 60 | UNMANNED ISR | 41,749 | 41,749 | 0 |
| 61 | NON-STANDARD AVIATION | 7,156 | 7,156 | 0 |
| 62 | SOF U-28 | 4,589 | 4,589 | 0 |
| 63 | MH-47 CHINOOK | 133,144 | 133,144 | 0 |
| 64 | CV-22 SOF MODIFICATION | 75,629 | 83,215 | 7,586 |
| | Program increase - CV-22 link-16 tacnet tactical receiver UPL | | 7,586 | |
| 65 | MQ-9 UAV | 9,000 | 9,000 | 0 |
| 66 | PRECISION STRIKE PACKAGE | 57,450 | 57,450 | 0 |
| 67 | AC/MC-130J | 225,569 | 221,058 | -4,511 |
| | Excess to need | | -4,511 | |
| 68 | C-130 MODIFICATIONS | 11,945 | 16,893 | 4,948 |
| | Program increase - MC-130 link-16 tacnet tactical receiver UPL | | 4,948 | |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 69 | **UNDERWATER SYSTEMS** | **45,631** | **44,718** | **-913** |
| | Excess to need | | -913 | |
| 70 | **SOF ORDNANCE ITEMS UNDER $5M** | **151,233** | **154,938** | **3,705** |
| | Program increase - maritime scalable effects (MSE) electronic warfare system acceleration UPL | | 3,705 | |
| 71 | **SOF INTELLIGENCE SYSTEMS** | **175,616** | **219,094** | **43,478** |
| | Program increase - enclosed spaces reconnaissance collection suite program | | 15,000 | |
| | Program increase - Stalker VXE block 30 VTOL acceleration UPL | | 28,478 | |
| 72 | **DCGS-SOF** | **2,214** | **2,214** | **0** |
| 73 | **SOF OTHER ITEMS UNDER $5M** | **98,096** | **96,134** | **-1,962** |
| | Excess to need | | -1,962 | |
| 74 | **SOF COMBATANT CRAFT SYSTEMS** | **85,566** | **85,566** | **0** |
| 75 | **SPECIAL PROGRAMS** | **20,042** | **20,042** | **0** |
| 76 | **TACTICAL VEHICLES** | **51,605** | **51,605** | **0** |
| 77 | **SOF WARRIOR SYSTEMS UNDER $5M** | **306,846** | **352,992** | **46,146** |
| | Excess to need | | -6,137 | |
| | Program increase - counter unmanned systems (CUxS) procurement acceleration UPL | | 33,553 | |
| | Program increase - AFSOC force generation tactical communications UPL | | 18,730 | |
| 78 | **COMBAT MISSION REQUIREMENTS** | **4,991** | **4,991** | **0** |
| 80 | **SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE** | **18,723** | **18,723** | **0** |
| 81 | **SOF OPERATIONAL ENHANCEMENTS** | **347,473** | **358,227** | **10,754** |
| | Program increase - intelligence, surveillance, and reconnaissance (ISR) transceivers acceleration UPL | | 10,754 | |
| 82 | **CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS** | **199,439** | **197,747** | **-1,692** |
| | Unjustified growth | | -6,692 | |
| | Program increase - joint chemical agent detector - solid liquid adapter (JCAD-SLA) | | 5,000 | |
| 83 | **CB PROTECTION AND HAZARD MITIGATION** | **187,164** | **187,164** | **0** |
| 999 | **CLASSIFIED PROGRAMS** | **681,894** | **669,894** | **-12,000** |
| | Classified adjustment | | -12,000 | |

### ACCELERATING THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES

The fiscal year 2022 joint explanatory statement included $100,000,000 for the Agile Procurement Transition Pilot. The purpose of these funds is to transition technologies from pilot programs, prototype projects, and research projects to scale to capability, software, or service acquisitions. These funds are also to be used for the rapid procurement of commercially available technologies that can directly aid the warfighter.

The Committee supports continued development of this fund, and notes that the President's fiscal year 2023 budget request included $100,000,000 for this effort. Though the Committee recognizes the challenges within the SBIR and STTR programs, it remains convinced that procurement funds are more appropriate with the intention of rapidly aiding the warfighter. Therefore, the Committee recommendation includes a transfer of the $100,000,000 requested under Research, Development, Test and Evaluation, Defense-Wide to Procurement, Defense-Wide. Additionally, the Committee directs the Under Secretary of Defense for Research and Engineering to brief the congressional defense committees not later than 90 days after the enactment of this Act on the capabilities being tested and the proposed path to scale innovative technologies, including successes and failures to date, including the use of fiscal year 2022 funds.

### DEPARTMENT OF DEFENSE STOCKPILE FOR NOVEL ANTIBIOTICS

The Committee recognizes the threat posed by antimicrobial resistance, and the need to make novel, more effective antibiotics available for combat care and bioterrorism response. Moreover, the Committee is concerned with the lacking domestic supply of pharmaceutical ingredients. While the Committee notes the increasing threat posed by antimicrobial resistance and the threat of supply chain disruption of critical ingredients and antibiotics, the Committee is also concerned that adversaries are engineering bioweapons designed to defeat outdated legacy countermeasures. To enhance preparedness, support readiness, and to ensure that servicemembers have access to the best antibiotic treatments, the Committee encourages the Under Secretary of Defense for Acquisition and Sustainment to modernize acquisition of antibiotics; review novel antibiotics stockpile requirements; and ensure domestic sourcing of ingredients and production of novel antibiotics where deemed appropriate.

## DEFENSE PRODUCTION ACT PURCHASES

| | |
|---|---|
| Fiscal year 2023 budget request | $659,906,000 |
| Committee recommendation | 707,906,000 |
| Change from budget request | +48,000,000 |

The Committee recommends an appropriation of $707,906,000 for the Defense Production Act Purchases which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| DEFENSE PRODUCTION ACT PURCHASES | 659,906 | 707,906 | 48,000 |
| Program increase—critical minerals recycling | | 10,000 | |
| Program increase—domestic aluminum castings | | 23,000 | |
| Program increase—heavy forging capacity improvement program | | 15,000 | |
| TOTAL, DEFENSE PRODUCTION ACT PURCHASES | 659,906 | 707,906 | 48,000 |

CRITICAL MINERALS RECYCLING

The Committee understands the Department's demand and reliance on foreign sources of critical materials and rare earth minerals including magnets, cobalt, titanium, copper, and aluminum. Further, the Committee recognizes the impact that supply chain challenges and rising raw material prices have on the Department's access to critical defense materials and encourages the Secretary of Defense to research alternative opportunities to source or reclaim these critical materials domestically from recyclables and end-of-life components. The Committee recommendation includes an increase of $10,000,000 and directs the Secretary of Defense to develop automated processing systems to reclaim critical materials from hard disk drives and electric vehicle motors. The Committee encourages the Secretary of Defense to explore partnering with Tribal Nations in this effort.

## NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT

| | |
|---|---|
| Fiscal year 2023 budget request | – – – |
| Committee recommendation | $1,000,000,000 |
| Change from budget request | +$1,000,000,000 |

The Committee recommends $1,000,000,000 for the National Guard and Reserve Equipment Account. Of that amount, $349,000,000 is for the Army National Guard; $290,000,000 is for the Air National Guard; $137,000,000 is for the Army Reserve; $66,000,000 is for the Navy Reserve; $24,000,000 is for the Marine Corps Reserve; and $134,000,000 is for the Air Force Reserve to meet urgent equipment needs in the coming fiscal year. This funding will allow the National Guard and reserve components to procure high priority equipment used by these components for both their military missions and missions in support of State governors. The funding within this account is not to be used to procure equipment designated as high-density critical equipment, major weapon systems, aircraft, and other equipment central to a unit's ability to perform its doctrinal mission. The funding within this account is not to be used to procure equipment purchased by the senior Service, to expand or accelerate current Service procurement plans, to purchase expendable items, or to purchase facilities or equipment for any requirement able to be satisfied elsewhere.

The Committee directs the Secretary of Defense to ensure that the National Guard and Reserve Equipment Account is executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: acoustic hailing devices; containerized ice making systems; aviation status dashboard;

crash-worthy, ballistically tolerant auxiliary fuel systems; degraded visual environment systems; gamma radiation protection; integration of aluminum mesh secondary combustion ignition prevention technology for combat and logistics vehicle fuel tanks; KC–135 aircraft emergency response refuel equipment kits; land surveying systems; lightweight, rapidly deployable, computer-based artillery call for fire training and simulation; modular small arms ranges and small arms training simulators and tools; radiological screening portals; small unmanned aerial systems and tethered drones; software defined radios; UH–72A/B mission equipment modernization; and upgraded commercial-off-the-shelf ground mapping for C–130 aircraft.

# TITLE IV

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2023 Department of Defense research, development, test and evaluation budget request totals $130,097,410,000. The Committee recommendation provides $131,657,180,000 for the research, development, test and evaluation accounts. The table below summarizes the Committee recommendations:

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

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY..... | 13,710,273 | 15,004,405 | +1,294,132 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY..... | 24,078,718 | 25,141,077 | +1,062,359 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE. | 44,134,301 | 43,173,883 | -960,418 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE..... | 15,819,372 | 15,461,468 | -357,904 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE..... | 32,077,552 | 32,599,153 | +521,601 |
| OPERATIONAL TEST AND EVALUATION, DEFENSE..... | 277,194 | 277,194 | --- |
| GRAND TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION..... | 130,097,410 | 131,657,180 | +1,559,770 |

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 Act, 2008 (House Report 110–279). Specifically, the dollar threshold for reprogramming funds shall be $10,000,000 for procurement and research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval 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.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION SPECIAL INTEREST ITEMS

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

ADVANCED ENGINE DEVELOPMENT

The Committee's recommendation provides $353,658,000 for Advanced Engine Development under Research, Development, Test and Evaluation, Air Force. At the Air Force's request, the Committee realigns funding within this program element to support a fiscal year 2023 budget of $133,296,000 for the Adaptive Engine Transition Program (AETP) and $220,362,000 for the Next Generation Adaptive Propulsion effort. The Committee continues to strongly support AETP and its advancement of adaptive cycle engine technology, which contains the potential for operationally sig-

nificant increases in thrust and thermal management capacity while improving fuel efficiency and reducing emissions.

The Committee notes that Section 242 of the National Defense Authorization Act (NDAA) for Fiscal Year 2022 required the Secretary of the Air Force to provide a report on an implementation plan to integrate an AETP-derived engine on the F–35A and begin activities to retrofit F–35A aircraft not later than fiscal year 2027. The report delivered in response provides a notional schedule that would result in the Air Force awarding a contract for engineering and manufacturing development (EMD) by the end of fiscal year 2024. The funding profile for AETP in the fiscal year 2023–2027 future years defense plan appears to support this notional program.

The Committee is aware that the power and cooling demands of continuous upgrades to all variants of the Joint Strike Fighter (JSF) will degrade the performance of the existing F135 propulsion system and ultimately require a modernized solution to meet future capability requirements. The Committee also is aware that AETP is one among multiple potential solutions, and that these solutions present divergent implications in terms of benefits, cost, schedule, technical risk, supply chain management, and the value of a joint program that was foundational to the JSF program's creation. The F–35 Joint Program Office (JPO) currently is conducting a business case analysis (BCA) comparing multiple combinations of engines and power and thermal management systems. This analysis is expected to be completed and briefed to the JSF Executive Steering Board (JESB) not later than the first quarter of fiscal year 2023. The Committee directs the Director of the JPO to brief the congressional defense committees on the results of this BCA not later than 30 days after its presentation to the JESB.

The Committee further notes that the Air Force's estimate for EMD to support F–35A integration is $6,684,000,000, and that the program will require an independent cost estimate prior to a Milestone B decision and a contract award for EMD. Given that Congress may be presented with a request to fund EMD for AETP-derived engine integration with the F–35A beginning in fiscal year 2024, the Committee directs the Director of Cost Assessment and Program Evaluation to conduct an independent cost estimate and comparative assessment of all propulsion solutions that are the subject of the JPO's BCA and brief its findings to the congressional defense committees by the earlier of not later than 60 days following the submission of the President's fiscal year 2024 budget request, or April 30, 2023. This estimate and assessment shall consider, but not be limited to, the total life-cycle costs of each solution, to include development, production, and operations and sustainment; schedule; and, as necessary, the implications of operating a JSF fleet with more than one propulsion system.

Finally, the Committee understands that the Air Force will, pursuant to NDAA direction, consider the use of middle tier of acquisition authorities for AETP integration into the F–35A. Should the Air Force opt to propose such an approach with the fiscal year 2024 budget request, the Committee expects the Air Force to comply with the direction contained under the heading "Reporting on Middle-Tier Acquisition and Rapid Prototyping Programs" in the joint

explanatory statement accompanying the Department of Defense Appropriations Act, 2022.

MICROGRID RELIABILITY AND RESILIENCY RESEARCH

The Committee recognizes the growing need for advanced microgrid technologies that enhance the reliability and resiliency of energy systems at Department of Defense installations and in forward operating environments. Recognizing the value of a diverse range of efficient distributed energy resources, the Committee encourages the Secretary of Defense to evaluate multi-resource microgrid configurations that incorporate dispatchable, fuel-flexible, renewable-fuel-compatible, distributed generation technologies, paired with variable output renewable resources and battery storage technology, to achieve substantial emissions reductions, provide multi-week resilience, and improve energy security.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

| | |
|---|---|
| Fiscal year 2023 budget request | $13,710,273,000 |
| Committee recommendation | 15,004,405,000 |
| Change from budget request | +1,294,132,000 |

The Committee recommends an appropriation of $15,004,405,000 for Research, Development, Test and Evaluation, Army which will provide the following program in fiscal year 2023:

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

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **DEFENSE RESEARCH SCIENCES** | **279,328** | **331,828** | **52,500** |
| | Program increase - digital thread for advanced manufacturing | | 9,500 | |
| | Program increase - explosives and opioids dual-use UV detection | | 10,000 | |
| | Program increase - joint research laboratories | | 18,000 | |
| | Program increase - renewable energy technologies | | 15,000 | |
| 2 | **UNIVERSITY RESEARCH INITIATIVES** | **70,775** | **77,775** | **7,000** |
| | Program increase - missile soldier touch point center | | 7,000 | |
| 3 | **UNIVERSITY AND INDUSTRY RESEARCH CENTERS** | **100,909** | **110,709** | **9,800** |
| | Program increase - biotechnology advancements | | 4,000 | |
| | Program increase - infusion of cybersecurity concepts into non-technical high school courses | | 2,000 | |
| | Program increase - next generation survival radio | | 3,800 | |
| 4 | **CYBER COLLABORATIVE RESEARCH ALLIANCE** | **5,355** | **5,355** | **0** |
| 5 | **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH** | **10,456** | **10,456** | **0** |
| 6 | **ARMY AGILE INNOVATION AND DEVELOPMENT-APPLIED RESEARCH** | **9,534** | **9,534** | **0** |
| 8 | **COUNTER IMPROVISED-THREAT ADVANCED STUDIES** | **6,192** | **6,192** | **0** |
| 9 | **LETHALITY TECHNOLOGY** | **87,717** | **142,717** | **55,000** |
| | Program increase - collaborative networked armament lethality technology | | 15,000 | |
| | Program increase - enhanced armament fire control | | 10,000 | |
| | Program increase - novel armament systems | | 15,000 | |
| | Program increase - quantum technologies for armament systems | | 10,000 | |
| | Program increase - turret gunner survivability and simulation environment | | 5,000 | |
| 10 | **ARMY APPLIED RESEARCH** | **27,833** | **27,833** | **0** |
| 11 | **SOLDIER LETHALITY TECHNOLOGY** | **103,839** | **151,839** | **48,000** |
| | Program increase - advanced ballistic protection technology | | 20,000 | |
| | Program increase - enhancing soldier ballistic technologies | | 5,000 | |
| | Program increase - HEROES | | 10,000 | |
| | Program increase - military footwear research | | 5,000 | |
| | Program increase - Pathfinder Airborne | | 8,000 | |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 12 | **GROUND TECHNOLOGY** | **52,848** | **135,748** | **82,900** |
| | Program increase - autonomous digital design | | 5,000 | |
| | Program increase - carbon nanomaterials as functional additives | | 6,500 | |
| | Program increase - defense resiliency against extreme cold weather | | 10,000 | |
| | Program increase - electrolyzer | | 7,000 | |
| | Program increase - environmental quality enhanced coatings | | 5,000 | |
| | Program increase - extreme battery technologies | | 5,000 | |
| | Program increase - flexible hybrid electronics | | 15,000 | |
| | Program increase - functional polymeric materials and composites for extreme temperature environments | | 5,000 | |
| | Program increase - high performance polymer composites and coatings | | 10,000 | |
| | Program increase - integrity of transparent armor | | 4,400 | |
| | Program increase - lightweight high entropy metallic alloy discovery collaboration | | 5,000 | |
| | Program increase - polar proving ground | | 5,000 | |
| 13 | **NEXT GENERATION COMBAT VEHICLE TECHNOLOGY** | **174,090** | **216,090** | **42,000** |
| | Program increase - advanced materials development for survivability | | 10,000 | |
| | Program increase - digital design and simulated testing | | 5,000 | |
| | Program increase - highly electrified vehicles | | 3,000 | |
| | Program increase - machine learning optimized power electronics | | 3,000 | |
| | Program increase - prototyping energy smart autonomous ground systems | | 10,000 | |
| | Program increase - silicon carbide electronics | | 6,000 | |
| | Program increase - solid oxide fuel cell development | | 5,000 | |
| 14 | **NETWORK C3I TECHNOLOGY** | **64,115** | **112,115** | **48,000** |
| | Program increase - beyond-line-of-sight networking enhancement | | 5,000 | |
| | Program increase - energy efficient devices | | 10,000 | |
| | Program increase - EW and advanced sensing | | 6,500 | |
| | Program increase - inertial navigation systems | | 11,500 | |
| | Program increase - man portable doppler radar | | 10,000 | |
| | Program increase - waveform diversity experimental research for sensors | | 5,000 | |
| 15 | **LONG RANGE PRECISION FIRES TECHNOLOGY** | **43,029** | **88,029** | **45,000** |
| | Program increase - advanced graphitic foam for long-range precision fires | | 15,000 | |
| | Program increase - extended range and hybrid gun launched unmanned aerial systems | | 15,000 | |
| | Program increase - high temperature super alloys | | 5,000 | |
| | Program increase - low-cost missile technology development | | 10,000 | |
| 16 | **FUTURE VERTICAL LIFT TECHNOLOGY** | **69,348** | **74,348** | **5,000** |
| | Program increase - high strength functional composites | | 5,000 | |
| 17 | **AIR AND MISSILE DEFENSE TECHNOLOGY** | **27,016** | **48,768** | **21,752** |
| | Program increase - counter-UAS center of excellence | | 5,000 | |
| | Program increase - missile risk-based mission assurance | | 10,000 | |
| | Program increase - PLRIS | | 6,752 | |
| 18 | **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES** | **16,454** | **16,454** | **0** |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 19 | ALL DOMAIN CONVERGENCE APPLIED RESEARCH | 27,399 | 27,399 | 0 |
| 20 | C3I APPLIED RESEARCH | 27,892 | 27,892 | 0 |
| 21 | AIR PLATFORM APPLIED RESEARCH | 41,588 | 46,588 | 5,000 |
| | Program increase - multi-drone, multi-sensor ISR | | 5,000 | |
| 22 | SOLDIER APPLIED RESEARCH | 15,716 | 15,716 | 0 |
| 23 | C3I APPLIED CYBER | 13,605 | 13,605 | 0 |
| 24 | BIOTECHNOLOGY FOR MATERIALS - APPLIED RESEARCH | 21,919 | 21,919 | 0 |
| 25 | MANPOWER/PERSONNEL/TRAINING TECHNOLOGY | 19,649 | 19,649 | 0 |
| 26 | MEDICAL TECHNOLOGY | 33,976 | 49,656 | 15,680 |
| | Project increase - Center for Excellence in Military Health and Performance Enhancement | | 5,000 | |
| | Project increase - holistic health and fitness | | 5,680 | |
| | Program increase - surgical instrument sterilization | | 5,000 | |
| 27 | MEDICAL ADVANCED TECHNOLOGY | 5,207 | 21,588 | 16,381 |
| | Program increase - Aerial Reconfigurable Embedded System | | 9,500 | |
| | Project increase - heated garment testing equipment for warfighters | | 181 | |
| | Project increase - Army battlefield exercise and combat related traumatic brain and spinal cord injury research | | 1,700 | |
| | Program increase - hearing protection for communications | | 5,000 | |
| 28 | MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY | 15,598 | 15,598 | 0 |
| 29 | ARMY AGILE INNOVATION AND DEMONSTRATION | 20,900 | 20,900 | 0 |
| 30 | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES | 6,395 | 6,395 | 0 |
| 31 | ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY | 45,463 | 45,463 | 0 |
| 32 | C3I ADVANCED TECHNOLOGY | 12,716 | 12,716 | 0 |
| 33 | AIR PLATFORM ADVANCED TECHNOLOGY | 17,946 | 17,946 | 0 |
| 34 | SOLDIER ADVANCED TECHNOLOGY | 479 | 479 | 0 |
| 36 | LETHALITY ADVANCED TECHNOLOGY | 9,796 | 9,796 | 0 |
| 37 | ARMY ADVANCED TECHNOLOGY DEVELOPMENT | 134,874 | 134,874 | 0 |
| 38 | SOLDIER LETHALITY ADVANCED TECHNOLOGY | 100,935 | 105,435 | 4,500 |
| | Program increase - small arms fire control advanced technology | | 4,500 | |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 39 | **GROUND ADVANCED TECHNOLOGY** | **32,546** | **174,346** | **141,800** |
| | Program increase - additive manufacturing and 3D printing for deployable shelters | | 6,000 | |
| | Program increase - additive manufacturing for weapons and armaments components | | 10,000 | |
| | Program increase - advanced multi-stack OLED microdisplays | | 8,800 | |
| | Program increase - clean modular hydropower technology | | 10,000 | |
| | Program increase - cross laminated timber | | 5,500 | |
| | Project increase - expanding engineering with nature installation capacity | | 5,000 | |
| | Program increase - expeditionary additive construction | | 15,000 | |
| | Program increase - high power fast charging EV fleets | | 5,000 | |
| | Program increase - low carbon hydrogen technologies | | 10,000 | |
| | Program increase - mass timber applications for military construction projects | | 6,000 | |
| | Program increase - microgrid reliability and resiliency | | 6,500 | |
| | Program increase - military waste stream conversion | | 5,000 | |
| | Program increase - novel materials for smart infrastructure systems | | 6,000 | |
| | Program increase - pilot project power generation for increased facility resilience | | 10,000 | |
| | Program increase - rapid entry and sustainment for the arctic | | 10,000 | |
| | Program increase - rapid infrastructure development and engineering | | 5,000 | |
| | Program increase - secure management of energy generation and storage | | 5,000 | |
| | Program increase - ultra-high strength steels for construction applications | | 6,000 | |
| | Program increase - water quality and resiliency technologies | | 7,000 | |
| 40 | **COUNTER IMPROVISED-THREAT SIMULATION** | **21,486** | **21,486** | **0** |
| 41 | **BIOTECHNOLOGY FOR MATERIALS - ADVANCED RESEARCH** | **56,853** | **56,853** | **0** |
| 42 | **C3I CYBER ADVANCED DEVELOPMENT** | **41,354** | **41,354** | **0** |
| 43 | **HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM** | **251,964** | **251,964** | **0** |
| 44 | **NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY** | **193,242** | **314,992** | **121,750** |
| | Program increase - additive manufacturing for jointless hull | | 20,000 | |
| | Program increase - advanced adhesives for combat vehicles | | 5,000 | |
| | Program increase - ATE5.2 engine development | | 10,000 | |
| | Program increase - autonomous systems for military ground vehicles | | 3,750 | |
| | Program increase - carbon fiber tire | | 5,000 | |
| | Program increase - digital enterprise technology for OMFV | | 15,000 | |
| | Program increase - digital twin | | 7,000 | |
| | Program increase - electric drive system | | 5,500 | |
| | Program increase - human digital twins and human-machine interaction | | 6,000 | |
| | Program increase - machine learning for advanced lightweight combat vehicle structures | | 10,000 | |
| | Program increase - maneuverable lightweight electric weight reducer | | 7,500 | |
| | Program increase - multi-service electro-optical signature code | | 9,000 | |
| | Program increase - off-road maneuver | | 5,000 | |
| | Program increase - synthetic graphite battery | | 10,000 | |
| | Program increase - vehicle technology readiness levels | | 3,000 | |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 45 | **NETWORK C3I ADVANCED TECHNOLOGY** | **125,565** | **129,565** | **4,000** |
| | Program increase - alternate navigation for GPS-denied landing environments | | 4,000 | |
| 46 | **LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY** | **100,830** | **160,830** | **60,000** |
| | Program increase - aft combustor ramjet propulsion | | 10,000 | |
| | Program increase - development and testing of propellants using advanced manufacturing | | 5,000 | |
| | Program increase - extended range artillery munition suite advanced technology | | 10,000 | |
| | Program increase - hyper velocity projectile extended range | | 25,000 | |
| | Program increase - missile multi-agent extensible engagement services | | 10,000 | |
| 47 | **FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY** | **177,836** | **233,586** | **55,750** |
| | Program increase - autonomous configuration management and aviation records | | 10,000 | |
| | Program increase - data refinement and optimization for aviation sustainment | | 4,500 | |
| | Program increase - FLEETSPACE maintenance tool | | 5,250 | |
| | Program increase - FVL surface tolerant adhesives | | 9,000 | |
| | Program increase - individual blade and higher harmonic control | | 22,000 | |
| | Program increase - UH-60 main rotor blade modernization | | 5,000 | |
| 48 | **AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY** | **11,147** | **31,147** | **20,000** |
| | Program increase - mobile force protection | | 20,000 | |
| 49 | **HUMANITARIAN DEMINING** | **8,933** | **21,000** | **12,067** |
| | Program increase | | 12,067 | |
| 50 | **ARMY MISSILE DEFENSE SYSTEMS INTEGRATION** | **12,001** | **63,001** | **51,000** |
| | Program Increase - integrated environmental control and power | | 16,000 | |
| | Program increase - mobile solid-state high-powered microwave | | 25,000 | |
| | Program increase - system engineering research into system integration air and missile | | 10,000 | |
| 51 | **ARMY SPACE SYSTEMS INTEGRATION** | **17,945** | **17,945** | **0** |
| 52 | **AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING** | **0** | **15,000** | **15,000** |
| | Program increase - machine learning for Army integrated fires | | 10,000 | |
| | Program increase - software memory protection methods | | 5,000 | |
| 53 | **LANDMINE WARFARE AND BARRIER - ADV DEV** | **64,001** | **64,001** | **0** |
| 54 | **TANK AND MEDIUM CALIBER AMMUNITION** | **64,669** | **74,669** | **10,000** |
| | Program increase - proof of concept military-grade antimony trisulfide | | 10,000 | |
| 55 | **ARMORED SYSTEM MODERNIZATION - ADV DEV** | **49,944** | **49,944** | **0** |
| 56 | **SOLDIER SUPPORT AND SURVIVABILITY** | **4,060** | **4,060** | **0** |
| 57 | **TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV** | **72,314** | **72,314** | **0** |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 58 | NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT | 18,048 | 18,048 | 0 |
| 59 | ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL | 31,249 | 38,749 | 7,500 |
| | Program increase - underwater cut and capture demonstration | | 7,500 | |
| 60 | NATO RESEARCH AND DEVELOPMENT | 3,805 | 3,805 | 0 |
| 61 | AVIATION - ADV DEV | 1,162,344 | 1,131,594 | -30,750 |
| | FARA PM costs excess | | -3,750 | |
| | FLRAA WSD ahead of need | | -60,000 | |
| | Program increase - all electric flight control systems | | 10,000 | |
| | Program increase - FLRAA | | 23,000 | |
| 62 | LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV | 9,638 | 9,638 | 0 |
| 63 | MEDICAL SYSTEMS - ADV DEV | 598 | 598 | 0 |
| 64 | SOLDIER SYSTEMS - ADVANCED DEVELOPMENT | 25,971 | 25,971 | 0 |
| 65 | ROBOTICS DEVELOPMENT | 26,594 | 20,523 | -6,071 |
| | CF4 SP product development excess request | | -6,071 | |
| 66 | EXPANDED MISSION AREA MISSILE (EMAM) | 220,820 | 220,820 | 0 |
| 67 | CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING | 106,000 | 106,000 | 0 |
| 69 | LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY | 35,509 | 35,509 | 0 |
| 70 | MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV | 49,932 | 49,932 | 0 |
| 71 | TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV | 863 | 863 | 0 |
| 72 | ANALYSIS OF ALTERNATIVES | 10,659 | 10,659 | 0 |
| 73 | SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4) | 1,425 | 1,425 | 0 |
| 74 | FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS) | 95,719 | 134,719 | 39,000 |
| | Program increase - accelerate FTUAS Inc 1 | | 16,000 | |
| | Program increase - micro integrated transponder with embedded crypto | | 8,000 | |
| | Program increase - protected BE-CDL Mode 303 | | 15,000 | |
| 75 | LOWER TIER AIR MISSILE DEFENSE (LTAMD) | 382,147 | 380,147 | -2,000 |
| | T&E carryover | | -12,000 | |
| | Program increase - program protection initiatives | | 10,000 | |
| 76 | TECHNOLOGY MATURATION INITIATIVES | 269,756 | 269,756 | 0 |
| 77 | MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD) | 225,147 | 225,147 | 0 |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 78 | ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING | 198,111 | 198,111 | 0 |
| 79 | ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) | 43,797 | 43,797 | 0 |
| 80 | SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING | 166,452 | 206,452 | 40,000 |
| | Program increase - STE Live electronic bullet | | 20,000 | |
| | Program increase - STE Live OTA acceleration | | 20,000 | |
| 81 | COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING | 15,840 | 12,840 | -3,000 |
| | Carryover | | -3,000 | |
| 82 | STRATEGIC MID-RANGE FIRES | 404,291 | 404,291 | 0 |
| 83 | HYPERSONICS | 173,168 | 216,450 | 43,282 |
| | Carryover | | -16,718 | |
| | Program increase - common hypersonic glide body | | 60,000 | |
| 84 | FUTURE INTERCEPTOR | 8,179 | 8,179 | 0 |
| 85 | COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT | 35,110 | 35,110 | 0 |
| 86 | UNIFIED NETWORK TRANSPORT | 36,966 | 36,966 | 0 |
| 89 | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT | 55,677 | 55,677 | 0 |
| 90 | AIRCRAFT AVIONICS | 3,335 | 3,335 | 0 |
| 91 | ELECTRONIC WARFARE DEVELOPMENT | 4,243 | 4,243 | 0 |
| 92 | INFANTRY SUPPORT WEAPONS | 66,529 | 65,829 | -700 |
| | Carryover | | -3,200 | |
| | Program increase - cannon life extension program | | 1,500 | |
| | Program increase - CROWS-AHD | | 1,000 | |
| 93 | MEDIUM TACTICAL VEHICLES | 22,163 | 22,163 | 0 |
| 94 | JAVELIN | 7,870 | 7,870 | 0 |
| 95 | FAMILY OF HEAVY TACTICAL VEHICLES | 50,924 | 50,924 | 0 |
| 96 | AIR TRAFFIC CONTROL | 2,623 | 2,623 | 0 |
| 97 | TACTICAL UNMANNED GROUND VEHICLE (TUGV) | 115,986 | 109,849 | -6,137 |
| | CF5 SP government T&E excess request | | -5,137 | |
| | CF5 program management excess request | | -1,000 | |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 99 | ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV | 71,287 | 63,143 | -8,144 |
| | Product development excess to need | | -8,144 | |
| 100 | NIGHT VISION SYSTEMS - ENG DEV | 62,679 | 33,245 | -29,434 |
| | IVAS 1.2 ahead of need | | -26,206 | |
| | Night vision device - next ahead of need | | -3,228 | |
| 101 | COMBAT FEEDING, CLOTHING, AND EQUIPMENT | 1,566 | 1,566 | 0 |
| 102 | NON-SYSTEM TRAINING DEVICES - ENG DEV | 18,600 | 18,600 | 0 |
| 103 | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - ENG DEV | 39,541 | 35,541 | -4,000 |
| | Carryover | | -4,000 | |
| 104 | CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT | 29,570 | 29,570 | 0 |
| 105 | AUTOMATIC TEST EQUIPMENT DEVELOPMENT | 5,178 | 5,178 | 0 |
| 106 | DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG DEV | 8,189 | 8,189 | 0 |
| 109 | BRIGADE ANALYSIS, INTEGRATION AND EVALUATION | 21,228 | 21,228 | 0 |
| 110 | WEAPONS AND MUNITIONS - ENG DEV | 263,778 | 282,425 | 18,647 |
| | 155mm components costs previously funded | | -3,000 | |
| | FA6 live fire test and evaluation ahead of need | | -3,353 | |
| | Program increase - anti-jam precision guidance kit | | 25,000 | |
| 111 | LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV | 41,669 | 56,669 | 15,000 |
| | Program increase - advanced electrical generator | | 10,000 | |
| | Program increase - mobile ultra-lightweight camouflage net systems | | 5,000 | |
| 112 | COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG DEV | 40,038 | 40,038 | 0 |
| 113 | MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT - ENG DEV | 5,513 | 5,513 | 0 |
| 114 | LANDMINE WARFARE/BARRIER - ENG DEV | 12,150 | 37,150 | 25,000 |
| | Program increase - prototype integration | | 25,000 | |
| 115 | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE | 111,690 | 111,690 | 0 |
| 116 | RADAR DEVELOPMENT | 71,259 | 71,259 | 0 |
| 117 | GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) | 10,402 | 10,402 | 0 |
| 119 | SOLDIER SYSTEMS - WARRIOR DEM/VAL | 11,425 | 11,425 | 0 |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 120 | SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS - EMD | 109,702 | 100,384 | -9,318 |
| | Carryover | | -9,318 | |
| 121 | ARTILLERY SYSTEMS - EMD | 23,106 | 48,106 | 25,000 |
| | Program increase - soft recoil for extended range artillery | | 25,000 | |
| 122 | INFORMATION TECHNOLOGY DEVELOPMENT | 124,475 | 84,108 | -40,367 |
| | LSI contract ahead of need | | -40,367 | |
| 123 | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) | 67,564 | 67,564 | 0 |
| 125 | JOINT TACTICAL NETWORK CENTER (JTNC) | 17,950 | 17,950 | 0 |
| 126 | JOINT TACTICAL NETWORK (JTN) | 30,169 | 30,169 | 0 |
| 128 | COMMON INFRARED COUNTERMEASURES (CIRCM) | 11,523 | 11,523 | 0 |
| 130 | DEFENSIVE CYBER TOOL DEVELOPMENT | 33,029 | 33,029 | 0 |
| 131 | TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) | 4,497 | 4,497 | 0 |
| 132 | CONTRACT WRITING SYSTEM | 23,487 | 23,487 | 0 |
| 133 | AIRCRAFT SURVIVABILITY DEVELOPMENT | 19,123 | 19,123 | 0 |
| 134 | INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1 | 131,093 | 131,093 | 0 |
| 135 | GROUND ROBOTICS | 26,809 | 26,809 | 0 |
| 136 | EMERGING TECHNOLOGY INITIATIVES | 185,311 | 191,823 | 6,512 |
| | Program reduction | | -8,488 | |
| | Program Increase - C-UAS HEL atmospheric study and prototype sensors | | 15,000 | |
| 137 | BIOMETRICS ENABLING CAPABILITY (BEC) | 11,091 | 11,091 | 0 |
| 138 | NEXT GENERATION LOAD DEVICE - MEDIUM | 22,439 | 22,439 | 0 |
| 140 | TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD | 58,087 | 108,987 | 50,900 |
| | Army requested transfer from OP,A line 62 | | 50,900 | |
| 141 | ARMY SYSTEM DEVELOPMENT & DEMONSTRATION | 119,516 | 119,516 | 0 |
| 142 | SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5) | 6,530 | 6,530 | 0 |
| 143 | MULTI-DOMAIN INTELLIGENCE | 19,911 | 14,411 | -5,500 |
| | Excess to need - Army TCPED | | -5,500 | |
| 145 | PRECISION STRIKE MISSILE (PRSM) | 259,506 | 259,506 | 0 |
| 146 | HYPERSONICS EMD | 633,499 | 633,499 | 0 |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 147 | ACCESSIONS INFORMATION ENVIRONMENT (AIE) | 13,647 | 10,088 | -3,559 |
| | Carryover | | -3,559 | |
| 148 | STRATEGIC MID-RANGE CAPABILITY | 5,016 | 5,016 | 0 |
| 149 | INTEGRATED TACTICAL COMMUNICATIONS | 12,447 | 12,447 | 0 |
| 150 | JOINT AIR-TO-GROUND MISSILE (JAGM) | 2,366 | 2,366 | 0 |
| 151 | ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD) | 265,288 | 275,288 | 10,000 |
| | Program increase - kill chain automation | | 10,000 | |
| 152 | COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION | 14,892 | 14,892 | 0 |
| 153 | MANNED GROUND VEHICLE | 589,762 | 561,880 | -27,882 |
| | Technology maturation and PM costs excess request | | -5,000 | |
| | Excess to need | | -22,882 | |
| 154 | NATIONAL CAPABILITIES INTEGRATION (MIP) | 17,030 | 17,030 | 0 |
| 155 | JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING | 9,376 | 9,376 | 0 |
| 156 | AVIATION GROUND SUPPORT EQUIPMENT | 2,959 | 2,959 | 0 |
| 157 | TROJAN - RH12 | 3,761 | 3,761 | 0 |
| 160 | ELECTRONIC WARFARE DEVELOPMENT | 56,938 | 94,938 | 38,000 |
| | Army requested transfer from OP,A line 64 | | 38,000 | |
| 161 | THREAT SIMULATOR DEVELOPMENT | 18,437 | 18,437 | 0 |
| 162 | TARGET SYSTEMS DEVELOPMENT | 19,132 | 39,132 | 20,000 |
| | Program increase - HEL power and thermal subsystem | | 10,000 | |
| | Program increase - replacement of engines for aerial targets | | 10,000 | |
| 163 | MAJOR T&E INVESTMENT | 107,706 | 142,106 | 34,400 |
| | Program increase - advancing operational test infrastructure | | 30,500 | |
| | Project increase - expanding operational test command | | 3,900 | |
| 164 | RAND ARROYO CENTER | 35,542 | 35,542 | 0 |
| 165 | ARMY KWAJALEIN ATOLL | 309,005 | 309,005 | 0 |
| 166 | CONCEPTS EXPERIMENTATION PROGRAM | 87,122 | 87,122 | 0 |
| 168 | ARMY TEST RANGES AND FACILITIES | 401,643 | 401,643 | 0 |
| 169 | ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS | 37,962 | 57,962 | 20,000 |
| | Program increase - rapid assurance modernization program - test | | 20,000 | |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 170 | SURVIVABILITY/LETHALITY ANALYSIS | 36,500 | 36,500 | 0 |
| 171 | AIRCRAFT CERTIFICATION | 2,777 | 2,777 | 0 |
| 172 | METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES | 6,958 | 6,958 | 0 |
| 173 | MATERIEL SYSTEMS ANALYSIS | 22,037 | 22,037 | 0 |
| 174 | EXPLOITATION OF FOREIGN ITEMS | 6,186 | 6,186 | 0 |
| 175 | SUPPORT OF OPERATIONAL TESTING | 70,718 | 70,718 | 0 |
| 176 | ARMY EVALUATION CENTER | 67,058 | 67,058 | 0 |
| 177 | ARMY MODELING & SIM X-CMD COLLABORATION & INTEG | 6,097 | 6,097 | 0 |
| 178 | PROGRAMWIDE ACTIVITIES | 89,793 | 89,793 | 0 |
| 179 | TECHNICAL INFORMATION ACTIVITIES | 28,752 | 28,752 | 0 |
| 180 | MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY | 48,316 | 53,316 | 5,000 |
| | Program increase - foamable celluloid energetics | | 5,000 | |
| 181 | ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT | 1,912 | 1,912 | 0 |
| 182 | ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA | 53,271 | 53,271 | 0 |
| 183 | RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE | 90,088 | 90,088 | 0 |
| 184 | COUNTERINTEL AND HUMAN INTEL MODERNIZATION | 1,424 | 1,424 | 0 |
| 186 | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES | 5,816 | 5,816 | 0 |
| 188 | MLRS PRODUCT IMPROVEMENT PROGRAM | 18,463 | 18,463 | 0 |
| 189 | ANTI-TAMPER TECHNOLOGY SUPPORT | 9,284 | 9,284 | 0 |
| 190 | WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS | 11,674 | 21,674 | 10,000 |
| | Program increase - additive manufacturing for weapons and armaments components | | 10,000 | |
| 193 | CHINOOK PRODUCT IMPROVEMENT PROGRAM | 52,513 | 52,513 | 0 |
| 194 | IMPROVED TURBINE ENGINE PROGRAM | 228,036 | 228,036 | 0 |
| 195 | AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT | 11,312 | 26,312 | 15,000 |
| | Program increase - CH-47 engine | | 15,000 | |
| 196 | UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS | 512 | 512 | 0 |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 197 | APACHE FUTURE DEVELOPMENT | 10,074 | 15,074 | 5,000 |
| | Program increase - strap-down pilotage Apache | | 5,000 | |
| 198 | AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM | 62,559 | 62,559 | 0 |
| 199 | INTEL CYBER DEVELOPMENT | 13,343 | 13,343 | 0 |
| 200 | ARMY OPERATIONAL SYSTEMS DEVELOPMENT | 26,131 | 26,131 | 0 |
| 201 | ELECTRONIC WARFARE DEVELOPMENT | 6,432 | 6,432 | 0 |
| 202 | FAMILY OF BIOMETRICS | 1,114 | 1,114 | 0 |
| 203 | PATRIOT PRODUCT IMPROVEMENT | 152,312 | 152,312 | 0 |
| 204 | JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCS) | 19,329 | 19,329 | 0 |
| 205 | COMBAT VEHICLE IMPROVEMENT PROGRAMS | 192,310 | 289,953 | 97,643 |
| | Stryker network modernization excess request | | -4,557 | |
| | Program increase - Abrams modernization | | 97,200 | |
| | Program increase - next generation auxiliary power units | | 5,000 | |
| 206 | 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS | 136,680 | 118,510 | -18,170 |
| | Test and evaluation carryover | | -18,170 | |
| 208 | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 148 | 148 | 0 |
| 209 | DIGITIZATION | 2,100 | 0 | -2,100 |
| | Carryover | | -2,100 | |
| 210 | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM | 3,109 | 3,109 | 0 |
| 211 | OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS | 9,027 | 9,027 | 0 |
| 212 | ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM DEV | 793 | 793 | 0 |
| 213 | GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) | 20,180 | 20,180 | 0 |
| 214 | JOINT TACTICAL GROUND SYSTEM | 8,813 | 8,813 | 0 |
| 217 | INFORMATION SYSTEMS SECURITY PROGRAM | 17,209 | 17,209 | 0 |

| R-1 | | Budget request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 218 | GLOBAL COMBAT SUPPORT SYSTEM | 27,100 | 22,600 | -4,500 |
| | Inc 1 carryover | | -4,500 | |
| 219 | SATCOM GROUND ENVIRONMENT (SPACE) | 18,321 | 18,321 | 0 |
| 222 | INTEGRATED BROADCAST SERVICE (IBS) | 9,926 | 9,926 | 0 |
| 223 | TACTICAL UNMANNED AERIAL VEHICLES | 4,500 | 4,500 | 0 |
| 224 | AIRBORNE RECONNAISSANCE SYSTEMS | 17,165 | 17,165 | 0 |
| 227 | END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES | 91,270 | 111,270 | 20,000 |
| | Program increase - liquid hydrogen energy refueling | | 10,000 | |
| | Program increase - N2O5 | | 10,000 | |
| 999 | CLASSIFIED PROGRAMS | 6,664 | 6,664 | 0 |
| 228 | DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT | 94,888 | 94,888 | 0 |

WATER QUALITY AND RESILIENCY TECHNOLOGIES

The Committee supports the Department of the Army's efforts to address military requirements related to water quality, water security, and water management. Additional investments will help protect servicemembers, their families, and the communities surrounding military installations. The Committee recommends an additional $7,000,000 above the budget request for research to address identified water efficiency, quality, and resilience priorities, including specific priorities related to PFAS, developing new water and wastewater treatment technologies, wastewater energy recovery methods, addressing persistent biofilms, drug resistant bacteria and viruses in water systems and military buildings, lead contamination in drinking water and human exposure, and the development of new sensor systems for water quality analysis to help mitigate future water quality threats.

LOW-COST ELECTROLYZERS

The Committee recognizes the value of evaluating low-cost hydrogen in long-duration energy storage applications and for energy resiliency for military installations. Therefore, the Committee recommends an additional $7,000,000 for research of low-cost electrolyzers for hydrogen production and storage.

COMMON REMOTELY OPERATED WEAPON STATION ACOUSTIC HAILING DEVICES

The Army's Common Remotely Operated Weapon Station (CROWS) Increment II program extends the operational life of existing CROWS platforms while providing additional capability including certain non-lethal technologies such as Acoustic Hailing Devices (AHDs). As an existing Army program of record, AHDs have been used with considerable effect to communicate effectively from safe standoff distances, de-escalate dangerous situations and reduce both combatant and non-combatant casualties. The Committee directs the Secretary of the Army, not later than 120 days after the enactment of this Act, to provide a briefing to the House and Senate Appropriations Committees on the status of the CROWS Increment II program including a timeline for prototyping and procurement of this system, as well as the addition of AHDs.

COMMON TACTICAL TRUCK

The Committee is encouraged by the Department's goal of modernizing the heavy tactical vehicle fleet. To date, the Army has prioritized its signature modernization programs at the expense of sustainment vehicles. Adequately funding the Common Tactical Truck (CTT) program will provide greater competition, a healthier industrial base, and will result in the best vehicle to provide sustainment and support to Army units.

The Committee understands that the CTT acquisition will focus on modular truck prototypes that maximize use of current commercial heavy truck technologies and commonality. The Committee is encouraged by this effort and expects prototypes will optimize available and emerging commercial-off-the-shelf (COTS) technologies such as advanced driver assistance systems, digital design,

improved fuel economy, predictive maintenance, diagnostics, and prognostics technologies, as well as set conditions for lower procurement costs at commercial economies of scale.

The Committee supports this initiative given the criticality of logistics capability in large scale combat operations, as well as providing for increased competition and innovation in the tactical wheeled vehicle industrial base. However, the Committee is concerned that the budget request only includes $16,377,000 for CTT prototypes and no procurement funding in the out-years of the fiscal year 2023 program objective memorandum. This amount suggests that the Army is not fully committed to developing and fielding a 21st century heavy truck fleet to support Army and other defense logistics requirements.

The Committee directs the Secretary of the Army to provide the Army's Tactical Wheeled Vehicle Strategy not later than 90 days after the enactment of this Act, as well as a report that outlines the following elements of the proposed CTT acquisition:

1) required characteristics for prototype builds such as mission roles, commonality, leader-follower or autonomy ready, force protection and survivability, and demand reduction;

2) planned schedule to include use of soldier touch points;

3) contracting strategy;

4) modified test and evaluation plan that takes into account COTS technology;

5) funding profile across the future years defense program; and

6) any courses of action related to transitioning the program from prototype to a traditional acquisition program of record.

### WIRE ARC ADDITIVE MANUFACTURING FOR ENVIRONMENTAL QUALITY TECHNOLOGY

The Committee supports the development of Wire Arc Additive Manufacturing (WAAM) of optimized multi-metal components for the future of combat systems. This research is key to maintaining a strong lead in the race for innovation against near-peer competitors.

### CARBON COMPOSITE LIGHTWEIGHT WHEELS AND BRAKES

The Committee recognizes the Army's efforts to develop lighter weight carbon composite brakes and wheels and supports the continued development of this technology and associated components for the CH–47. Potential benefits include reduced aircraft weight, lower fuel costs, increased payload, and extended mission range.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

| | |
|---|---|
| Fiscal year 2023 budget request | $24,078,718,000 |
| Committee recommendation | 25,141,077,000 |
| Change from budget request | +1,062,359,000 |

The Committee recommends an appropriation of $25,141,077,000 for Research, Development, Test and Evaluation, Navy which will provide the following program in fiscal year 2023:

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

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **UNIVERSITY RESEARCH INITIATIVES** | **90,076** | **132,376** | **42,300** |
| | Program increase - defense university research instrumentation program | | 15,000 | |
| | Program increase - all-digital arrays for long-distance application power maximization | | 9,800 | |
| | Program increase - artificial intelligence maritime maneuvering | | 5,000 | |
| | Project increase - enhancing installation resiliency at NWS Earle | | 2,500 | |
| | Program increase - defense research initiatives | | 10,000 | |
| 3 | **DEFENSE RESEARCH SCIENCES** | **499,116** | **504,116** | **5,000** |
| | Program increase - silicon-germanium-tin alloy research | | 5,000 | |
| 4 | **POWER PROJECTION APPLIED RESEARCH** | **22,953** | **27,953** | **5,000** |
| | Program increase - meta material broadband coatings | | 5,000 | |
| 5 | **FORCE PROTECTION APPLIED RESEARCH** | **133,426** | **207,426** | **74,000** |
| | Program increase - high speed/hypersonic test capability development | | 4,000 | |
| | Program increase - resilient autonomous systems research and diversity programs | | 8,500 | |
| | Program increase - talent and technology for Navy power and energy systems | | 10,500 | |
| | Program increase - seawater to jet fuel demo | | 20,000 | |
| | Program increase - coastal environmental research | | 5,000 | |
| | Program increase - advanced energetics research | | 6,000 | |
| | Program increase - direct air capture and blue carbon removal technology | | 10,000 | |
| | Program increase - relative positioning of autonomous platforms in RF-restricted environments | | 5,000 | |
| | Program increase - laser peening | | 5,000 | |
| 6 | **MARINE CORPS LANDING FORCE TECHNOLOGY** | **53,467** | **65,467** | **12,000** |
| | Program increase - microtube heat exchangers | | 4,500 | |
| | Program increase - unmanned logistics solutions | | 7,500 | |
| 7 | **COMMON PICTURE APPLIED RESEARCH** | **51,911** | **51,911** | **0** |
| 8 | **WARFIGHTER SUSTAINMENT APPLIED RESEARCH** | **70,957** | **90,957** | **20,000** |
| | Program increase - nanocomposite coatings advanced research | | 10,000 | |
| | Program increase - biomaterial exterior for hypersonic projectile | | 5,000 | |
| | Program increase - wearable sensors for injury prediction | | 5,000 | |
| 9 | **ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH** | **92,444** | **103,444** | **11,000** |
| | Program increase - submerged electro-optical adaptive littoral sensor (SEALS) system prototypes | | 5,000 | |
| | Program increase - advanced antenna technology | | 6,000 | |
| 10 | **OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH** | **74,622** | **122,622** | **48,000** |
| | Program increase - task force ocean | | 10,000 | |
| | Program increase - continuous distributed sensing systems | | 10,000 | |
| | Program increase - research vessel cyber infrastructure improvements | | 8,000 | |
| | Program increase - commercially available long endurance USV | | 10,000 | |
| | Program increase - naval special warfare undersea and maritime superiority | | 5,000 | |
| | Program increase - marine meteorology | | 5,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 11 | **JOINT NON-LETHAL WEAPONS APPLIED RESEARCH** | **6,700** | **6,700** | **0** |
| 12 | **UNDERSEA WARFARE APPLIED RESEARCH** | **58,111** | **91,111** | **33,000** |
| | Program increase - academic partnerships for innovative research | | 25,000 | |
| | Program increase - energetics awareness | | 3,000 | |
| | Program increase - undersea sensing and communications | | 5,000 | |
| 13 | **FUTURE NAVAL CAPABILITIES APPLIED RESEARCH** | **173,641** | **173,641** | **0** |
| 14 | **MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH** | **31,649** | **38,649** | **7,000** |
| | Program increase - expendable energetic unmanned aerial system (UAS) | | 7,000 | |
| 15 | **INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH** | **120,637** | **120,637** | **0** |
| 16 | **SCIENCE AND TECHNOLOGY MANAGEMENT - ONR FIELD ACITIVITIES** | **81,296** | **81,296** | **0** |
| 17 | **FORCE PROTECTION ADVANCED TECHNOLOGY** | **16,933** | **35,933** | **19,000** |
| | Program increase - power electronics building block | | 6,000 | |
| | Project increase - high-energy density and high-power density li-ion battery magazines (HEBM) in defense applications | | 8,000 | |
| | Program increase - ultra-efficient power generation and energy storage technology for next generation unmanned surface vessels | | 5,000 | |
| 18 | **ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY** | **8,253** | **17,253** | **9,000** |
| | Program increase - advanced maritime target processing | | 3,000 | |
| | Program increase - power electronics building block | | 6,000 | |
| 19 | **USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)** | **280,285** | **327,902** | **47,617** |
| | Combat service support and force protection excess growth | | -19,383 | |
| | Program increase - harbor-based collision avoidance system | | 5,000 | |
| | Program increase - advanced mission planning SBIR technology insertion | | 5,000 | |
| | Program increase - expeditionary process, exploitation, dissemination | | 4,000 | |
| | Program increase - multi-function array for C-UAS | | 18,000 | |
| | Program increase - low-cost atrittable aircraft technology | | 25,000 | |
| | Program increase - C5ISR and EW modular open suite of standards | | 10,000 | |
| 20 | **JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT** | **14,048** | **14,048** | **0** |
| 21 | **FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT** | **251,267** | **261,267** | **10,000** |
| | Program increase - advanced carbon nanotube conductors for naval power systems | | 5,000 | |
| | Program increase - advanced energetics research | | 5,000 | |
| 22 | **MANUFACTURING TECHNOLOGY PROGRAM** | **60,704** | **60,704** | **0** |
| 23 | **WARFIGHTER PROTECTION ADVANCED TECHNOLOGY** | **4,999** | **46,999** | **42,000** |
| | Program increase - bone marrow registry program | | 32,000 | |
| | Program increase - laser protective eyewear research | | 5,000 | |
| | Program increase - closed-loop sedation and anesthesia system | | 5,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 24 | NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS | 83,137 | 83,902 | 765 |
| | Naval warfare experimentation excess growth | | -14,235 | |
| | Program increase - naval tech bridges | | 5,000 | |
| | Program increase - small unmanned surface vessels for expeditionary forces | | 5,000 | |
| | Program increase - Swampworks | | 5,000 | |
| 25 | MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY | 2,007 | 2,007 | 0 |
| 26 | INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT | 144,122 | 190,772 | 46,650 |
| | High energy laser counter ASCM project excess growth | | -4,250 | |
| | INP advanced technology development excess to need | | -5,900 | |
| | Program increase - advanced ATRT SBIR enterprise capabilities | | 25,300 | |
| | Program increase - combined fiber laser arrays without wavefront sensing | | 24,000 | |
| | Program increase - digital maintenance advisor for shipboard readiness | | 7,500 | |
| 27 | UNMANNED AERIAL SYSTEM | 96,883 | 90,208 | -6,675 |
| | MALE program support excess growth | | -6,675 | |
| 28 | LARGE UNMANNED SURFACE VEHICLES (LUSV) | 146,840 | 146,840 | 0 |
| 29 | AIR/OCEAN TACTICAL APPLICATIONS | 39,737 | 42,737 | 3,000 |
| | Program increase - infra-red telescope technology | | 3,000 | |
| 30 | AVIATION SURVIVABILITY | 17,434 | 17,434 | 0 |
| 31 | NAVAL CONSTRUCTION FORCES | 1,706 | 1,706 | 0 |
| 32 | AIRCRAFT SYSTEMS | 0 | 0 | 0 |
| 33 | ASW SYSTEMS DEVELOPMENT | 15,986 | 15,986 | 0 |
| 34 | TACTICAL AIRBORNE RECONNAISSANCE | 3,562 | 3,562 | 0 |
| 35 | ADVANCED COMBAT SYSTEMS TECHNOLOGY | 18,628 | 25,128 | 6,500 |
| | Program increase - minotaur data dissemination and interoperability services | | 6,500 | |
| 36 | SURFACE AND SHALLOW WATER MINE COUNTERMEASURES | 87,825 | 87,825 | 0 |
| 37 | SURFACE SHIP TORPEDO DEFENSE | 473 | 473 | 0 |
| 38 | CARRIER SYSTEMS DEVELOPMENT | 11,567 | 11,567 | 0 |
| 39 | PILOT FISH | 672,461 | 672,461 | 0 |
| 40 | RETRACT LARCH | 7,483 | 7,483 | 0 |
| 41 | RETRACT JUNIPER | 239,336 | 239,336 | 0 |
| 42 | RADIOLOGICAL CONTROL | 772 | 772 | 0 |
| 43 | SURFACE ASW | 1,180 | 1,180 | 0 |
| 44 | ADVANCED SUBMARINE SYSTEM DEVELOPMENT | 105,703 | 105,703 | 0 |
| 45 | SUBMARINE TACTICAL WARFARE SYSTEMS | 10,917 | 10,917 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 46 | **SHIP CONCEPT ADVANCED DESIGN** | **82,205** | **97,205** | **15,000** |
| | Historical underexecution | | -5,000 | |
| | Program increase - defense industrial skills and technology training systems | | 10,000 | |
| | Program increase - marine energy systems for sensors and microgrids | | 10,000 | |
| 47 | **SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES** | **75,327** | **62,083** | **-13,244** |
| | Project 0411 DDG(X) design and analysis excess growth | | -13,244 | |
| 48 | **ADVANCED NUCLEAR POWER SYSTEMS** | **227,400** | **227,400** | **0** |
| 49 | **ADVANCED SURFACE MACHINERY SYSTEMS** | **176,600** | **130,021** | **-46,579** |
| | Project 2471 DDG(X) power and propulsion risk mitigation and demonstration excess growth | | -58,179 | |
| | Program increase - silicon carbide flexible bus node | | 11,600 | |
| 50 | **CHALK EAGLE** | **91,584** | **91,584** | **0** |
| 51 | **LITTORAL COMBAT SHIP (LCS)** | **96,444** | **76,364** | **-20,080** |
| | Lethality and survivability unjustified growth | | -20,080 | |
| 52 | **COMBAT SYSTEM INTEGRATION** | **18,236** | **18,236** | **0** |
| 53 | **OHIO REPLACEMENT** | **335,981** | **344,981** | **9,000** |
| | Program increase - rapid composites for wet submarine application | | 9,000 | |
| 54 | **LCS MISSION MODULES** | **41,533** | **41,533** | **0** |
| 55 | **AUTOMATED TEST AND RE-TEST (ATRT)** | **9,773** | **60,073** | **50,300** |
| | Program increase - ATRT including Project Overmatch integration | | 50,300 | |
| 56 | **FRIGATE DEVELOPMENT** | **118,626** | **115,626** | **-3,000** |
| | Prior year underexecution | | -3,000 | |
| 57 | **CONVENTIONAL MUNITIONS** | **9,286** | **9,286** | **0** |
| 58 | **MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM** | **111,431** | **111,431** | **0** |
| 59 | **JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT** | **36,496** | **36,496** | **0** |
| 60 | **OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT** | **6,193** | **6,193** | **0** |
| 61 | **ENVIRONMENTAL PROTECTION** | **21,647** | **21,647** | **0** |
| 62 | **NAVY ENERGY PROGRAM** | **60,320** | **70,320** | **10,000** |
| | Program increase - marine energy systems for sensors and microgrids | | 10,000 | |
| 63 | **FACILITIES IMPROVEMENT** | **5,664** | **5,664** | **0** |
| 64 | **CHALK CORAL** | **833,634** | **833,634** | **0** |
| 65 | **NAVY LOGISTIC PRODUCTIVITY** | **899** | **899** | **0** |
| 66 | **RETRACT MAPLE** | **363,973** | **363,973** | **0** |
| 67 | **LINK PLUMERIA** | **1,038,661** | **1,038,661** | **0** |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 68 | RETRACT ELM | 83,445 | 83,445 | 0 |
| 69 | LINK EVERGREEN | 313,761 | 313,761 | 0 |
| 70 | NATO RESEARCH AND DEVELOPMENT | 8,041 | 8,041 | 0 |
| 71 | LAND ATTACK TECHNOLOGY | 358 | 358 | 0 |
| 72 | JOINT NON-LETHAL WEAPONS TESTING | 30,533 | 30,533 | 0 |
| 73 | JOINT PRECISION APPROACH AND LANDING SYSTEMS - DEM/VAL | 18,628 | 18,628 | 0 |
| 74 | DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS | 65,080 | 65,080 | 0 |
| 75 | F/A-18 INFRARED SEARCH AND TRACK (IRST) | 40,069 | 40,069 | 0 |
| 76 | DIGITAL WARFARE OFFICE | 165,753 | 165,753 | 0 |
| 77 | SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES | 106,347 | 106,347 | 0 |
| 78 | UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES | 60,697 | 60,697 | 0 |
| 79 | RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION. | 57,000 | 57,000 | 0 |
| 81 | GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78 - 80) | 116,498 | 116,498 | 0 |
| 82 | LITTORAL AIRBORNE MCM | 47,389 | 47,389 | 0 |
| 83 | SURFACE MINE COUNTERMEASURES | 12,959 | 12,959 | 0 |
| 84 | TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) | 15,028 | 39,028 | 24,000 |
| | Program increase - distributed aperture infrared countermeasures | | 24,000 | |
| 85 | NEXT GENERATION LOGISTICS | 2,342 | 7,342 | 5,000 |
| | Program increase - additive manufacturing part screening tool | | 5,000 | |
| 86 | FUTURE VERTICAL LIFT (MARITIME STRIKE) | 5,103 | 5,103 | 0 |
| 87 | RAPID TECHNOLOGY CAPABILITY PROTOTYPE | 62,927 | 62,927 | 0 |
| 88 | LX (R) | 26,630 | 24,116 | -2,514 |
| | Historical underexecution | | -2,514 | |
| 89 | ADVANCED UNDERSEA PROTOTYPING | 116,880 | 116,880 | 0 |
| 90 | COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS) | 7,438 | 7,438 | 0 |
| 91 | PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM | 84,734 | 84,734 | 0 |
| 92 | SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT | 10,229 | 10,229 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 93 | OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT | 124,204 | 170,685 | 46,481 |
| | Navy requested transfer from WP,N line 8 | | 46,481 | |
| 94 | MEDIUM UNMANNED SURFACE VEHICLES (MUSVS)) | 104,000 | 104,000 | 0 |
| 95 | UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES | 181,620 | 181,620 | 0 |
| 96 | GROUND BASED ANTI-SHIP MISSILE | 43,090 | 43,090 | 0 |
| 97 | LONG RANGE FIRES | 36,693 | 36,693 | 0 |
| 98 | CONVENTIONAL PROMPT STRIKE (CPS) | 1,205,041 | 1,230,041 | 25,000 |
| | Program increase - flight tests | | 25,000 | |
| 99 | ASW SYSTEMS DEVELOPMENT - MIP | 9,856 | 9,856 | 0 |
| 100 | ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM | 1,735 | 18,735 | 17,000 |
| | Program increase - K-max unmanned logistics system | | 7,000 | |
| | Program increase - group 3 advanced autonomous systems | | 5,000 | |
| | Program increase - mobile unmanned/manned distributed lethality airborne network joint capability | | 5,000 | |
| 101 | ELECTRONIC WARFARE DEVELOPMENT - MIP | 796 | 796 | 0 |
| 102 | TRAINING SYSTEM AIRCRAFT | 15,128 | 15,128 | 0 |
| 103 | MARITIME TARGETING CELL | 39,600 | 39,600 | 0 |
| 104 | OTHER HELO DEVELOPMENT | 66,010 | 66,010 | 0 |
| 105 | AV-8B AIRCRAFT - ENG DEV | 9,205 | 9,205 | 0 |
| 106 | STANDARDS DEVELOPMENT | 3,766 | 3,766 | 0 |
| 107 | MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT | 44,684 | 44,684 | 0 |
| 108 | P-3 MODERNIZATION PROGRAM | 343 | 343 | 0 |
| 109 | WARFARE SUPPORT SYSTEM | 12,337 | 12,337 | 0 |
| 110 | COMMAND AND CONTROL SYSTEMS | 143,575 | 133,940 | -9,635 |
| | N-MRO unjustified growth | | -9,635 | |
| 111 | ADVANCED HAWKEYE | 502,956 | 467,281 | -35,675 |
| | DSSC 6 excess growth | | -35,675 | |
| 112 | H-1 UPGRADES | 43,759 | 43,759 | 0 |
| 113 | ACOUSTIC SEARCH SENSORS | 50,231 | 50,231 | 0 |
| 114 | V-22A | 125,233 | 114,233 | -11,000 |
| | Historical underexecution | | -11,000 | |
| 115 | AIR CREW SYSTEMS DEVELOPMENT | 43,282 | 38,117 | -5,165 |
| | Aircrew systems insufficient justification | | -5,165 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 116 EA-18 | 116,589 | 116,589 | 0 |
| 117 ELECTRONIC WARFARE DEVELOPMENT<br>Historical underexecution | 141,138 | 134,471<br>-6,667 | -6,667 |
| 118 EXECUTIVE HELO DEVELOPMENT | 45,645 | 45,645 | 0 |
| 119 NEXT GENERATION JAMMER (NGJ) | 54,679 | 54,679 | 0 |
| 120 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)<br>Historical underexecution | 329,787 | 326,587<br>-3,200 | -3,200 |
| 121 NEXT GENERATION JAMMER (NGJ) INCREMENT II<br>Program delay | 301,737 | 154,002<br>-147,735 | -147,735 |
| 122 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING<br>Historical underexecution | 347,233 | 336,705<br>-10,528 | -10,528 |
| 124 SMALL DIAMETER BOMB (SDB) | 42,881 | 42,881 | 0 |
| 125 STANDARD MISSILE IMPROVEMENTS | 319,943 | 319,943 | 0 |
| 126 AIRBORNE MCM | 10,882 | 10,882 | 0 |
| 127 NAVAL INTEGRATED FIRE CONTROL - COUNTER AIR SYSTEMS ENGINEERING<br>Historical underexecution | 45,892 | 43,548<br>-2,344 | -2,344 |
| 129 ADVANCED ABOVE WATER SENSORS<br>Historical underexecution | 81,254 | 72,917<br>-8,337 | -8,337 |
| 130 SSN-688 AND TRIDENT MODERNIZATION | 93,501 | 93,501 | 0 |
| 131 AIR CONTROL | 39,138 | 39,138 | 0 |
| 132 SHIPBOARD AVIATION SYSTEMS | 11,759 | 11,759 | 0 |
| 133 COMBAT INFORMATION CENTER CONVERSION | 11,160 | 11,160 | 0 |
| 134 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM | 87,459 | 87,459 | 0 |
| 135 ADVANCED ARRESTING GEAR (AAG) | 151 | 151 | 0 |
| 136 NEW DESIGN SSN | 307,585 | 307,585 | 0 |
| 137 SUBMARINE TACTICAL WARFARE SYSTEM | 58,741 | 58,741 | 0 |
| 138 SHIP CONTRACT DESIGN/ LIVE FIRE T&E<br>Historical underexecution | 60,791 | 58,670<br>-2,121 | -2,121 |
| 139 NAVY TACTICAL COMPUTER RESOURCES | 4,177 | 4,177 | 0 |
| 140 MINE DEVELOPMENT | 60,793 | 60,793 | 0 |
| 141 LIGHTWEIGHT TORPEDO DEVELOPMENT<br>Project 2234 historical underexecution | 142,000 | 140,111<br>-1,889 | -1,889 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 142 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 8,618 | 8,618 | 0 |
| 143 USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV | 45,025 | 45,025 | 0 |
| 144 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS | 7,454 | 7,454 | 0 |
| 145 JOINT STANDOFF WEAPON SYSTEMS | 758 | 758 | 0 |
| 146 SHIP SELF DEFENSE (DETECT & CONTROL) | 159,426 | 152,768 | -6,658 |
| Historical underexecution | | -6,658 | |
| 147 SHIP SELF DEFENSE (ENGAGE: HARD KILL) | 71,818 | 91,818 | 20,000 |
| Program increase - ALaMO block 1 projectile | | 20,000 | |
| 148 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) | 92,687 | 92,687 | 0 |
| 149 INTELLIGENCE ENGINEERING | 23,742 | 23,742 | 0 |
| 150 MEDICAL DEVELOPMENT | 3,178 | 13,178 | 10,000 |
| Program increase - military dental research | | 10,000 | |
| 151 NAVIGATION/ID SYSTEM | 53,209 | 60,209 | 7,000 |
| Program increase - miniaturization IFF interrogation capability for expendable UAS | | 7,000 | |
| 152 JOINT STRIKE FIGHTER (JSF) - EMD | 611 | 611 | 0 |
| 153 JOINT STRIKE FIGHTER (JSF) - EMD | 234 | 234 | 0 |
| 154 SSN(X) | 143,949 | 143,949 | 0 |
| 155 INFORMATION TECHNOLOGY DEVELOPMENT | 11,361 | 11,361 | 0 |
| 156 INFORMATION TECHNOLOGY DEVELOPMENT | 290,353 | 313,103 | 22,750 |
| Program increase - digitial twin development | | 7,000 | |
| Program increase - warfare mission analysis in cyber contested environment | | 5,000 | |
| Program increase - broadband network for Navy-owned research vessels | | 8,000 | |
| Program increase - classified data exchange enviornment for submarines | | 2,750 | |
| 157 ANTI-TAMPER TECHNOLOGY SUPPORT | 7,271 | 7,271 | 0 |
| 158 TACAMO MODERNIZATION | 554,193 | 554,193 | 0 |
| 159 CH-53K RDTE | 220,240 | 220,240 | 0 |
| 160 MISSION PLANNING | 71,107 | 76,107 | 5,000 |
| Program increase - multi-domain anti-submarine solutions | | 5,000 | |
| 161 COMMON AVIONICS | 77,960 | 77,960 | 0 |
| 162 SHIP TO SHORE CONNECTOR (SSC) | 2,886 | 2,886 | 0 |
| 163 T-AO 205 CLASS | 220 | 220 | 0 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 164 UNMANNED CARRIER AVIATION (UCA) | 265,646 | 265,646 | 0 |
| 165 JOINT AIR-TO-GROUND MISSILE (JAGM) | 371 | 371 | 0 |
| 166 MULTI-MISSION MARITIME AIRCRAFT (MMA) | 37,939 | 37,939 | 0 |
| 167 MULTI-MISSION MARITIME (MMA) INCREMENT III | 161,697 | 161,697 | 0 |
| 168 MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION | 94,569 | 91,501 | -3,068 |
| Historical underexecution | | -3,068 | |
| 169 JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM | 2,856 | 2,856 | 0 |
| 170 DDG-1000 | 197,436 | 184,674 | -12,762 |
| Prior year underexecution | | -12,762 | |
| 171 COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW) | 12,341 | 12,341 | 0 |
| 175 ISR & INFO OPERATIONS | 135,366 | 135,366 | 0 |
| 176 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT | 37,038 | 37,038 | 0 |
| 177 THREAT SIMULATOR DEVELOPMENT | 29,430 | 29,430 | 0 |
| 178 TARGET SYSTEMS DEVELOPMENT | 13,708 | 11,707 | -2,001 |
| Historical underexecution | | -2,001 | |
| 179 MAJOR T&E INVESTMENT | 95,316 | 111,371 | 16,055 |
| Historical underexecution | | -1,945 | |
| Program increase - joint simulation environment | | 8,000 | |
| Program increase - real-time pulse-level modeling and simulation | | 10,000 | |
| 180 STUDIES AND ANALYSIS SUPPORT - NAVY | 3,286 | 3,286 | 0 |
| 181 CENTER FOR NAVAL ANALYSES | 40,624 | 40,624 | 0 |
| 183 TECHNICAL INFORMATION SERVICES | 987 | 987 | 0 |
| 184 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT | 105,152 | 98,458 | -6,694 |
| Historical underexecution | | -6,694 | |
| 185 STRATEGIC TECHNICAL SUPPORT | 3,787 | 3,787 | 0 |
| 186 RDT&E SHIP AND AIRCRAFT SUPPORT | 173,352 | 173,352 | 0 |
| 187 TEST AND EVALUATION SUPPORT | 468,281 | 469,579 | 1,298 |
| Historical underexecution | | -9,702 | |
| Program increase - range safety improvements | | 10,000 | |
| Program increase - future workforce innovation | | 1,000 | |
| 188 OPERATIONAL TEST AND EVALUATION CAPABILITY | 27,808 | 27,808 | 0 |
| 189 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT | 27,175 | 27,175 | 0 |
| 190 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT | 7,186 | 7,186 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 191 | MARINE CORPS PROGRAM WIDE SUPPORT | 39,744 | 39,744 | 0 |
| 192 | MANAGEMENT HQ - R&D | 40,648 | 40,648 | 0 |
| 193 | WARFARE INNOVATION MANAGEMENT | 52,060 | 52,060 | 0 |
| 194 | INSIDER THREAT | 2,315 | 2,315 | 0 |
| 195 | MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES) | 1,811 | 1,811 | 0 |
| 198 | SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY S | 65,735 | 65,735 | 0 |
| 201 | F-35 C2D2 | 525,338 | 525,338 | 0 |
| 202 | F-35 C2D2 | 491,513 | 491,513 | 0 |
| 203 | MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS | 48,663 | 48,663 | 0 |
| 204 | COOPERATIVE ENGAGEMENT CAPABILITY (CEC) | 156,121 | 156,121 | 0 |
| 205 | STRATEGIC SUB & WEAPONS SYSTEM SUPPORT | 284,502 | 294,502 | 10,000 |
| | Program increase - next generation strategic inertial measurement unit | | 10,000 | |
| 206 | SSBN SECURITY TECHNOLOGY PROGRAM | 50,939 | 50,939 | 0 |
| 207 | SUBMARINE ACOUSTIC WARFARE DEVELOPMENT | 81,237 | 81,237 | 0 |
| 208 | NAVY STRATEGIC COMMUNICATIONS | 49,424 | 49,424 | 0 |
| 209 | F/A-18 SQUADRONS | 238,974 | 250,860 | 11,886 |
| | Historical underexecution | | -7,114 | |
| | Program increase - beacon obsolescence issues | | 3,000 | |
| | Program increase - secure LVC advanced training environment | | 12,000 | |
| | Program increase - noise reduction research | | 4,000 | |
| 210 | SURFACE SUPPORT | 12,197 | 12,197 | 0 |
| 211 | TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) | 132,719 | 132,719 | 0 |
| 212 | INTEGRATED SURVEILLANCE SYSTEM | 68,417 | 76,088 | 7,671 |
| | Historical underexecution | | -6,829 | |
| | Program increase - deployable surveillance systems | | 14,500 | |
| 213 | SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS | 1,188 | 1,188 | 0 |
| 214 | AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT) | 1,789 | 1,789 | 0 |
| 215 | GROUND/AIR TASK ORIENTED RADAR (G/ATOR) | 61,422 | 61,422 | 0 |
| 216 | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT | 70,339 | 65,792 | -4,547 |
| | Historical underexecution | | -4,547 | |
| 217 | ELECTRONIC WARFARE (EW) READINESS SUPPORT | 47,436 | 42,954 | -4,482 |
| | Historical underexecution | | -4,482 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 218 ANTI-RADIATION MISSILE IMPROVEMENT | 90,779 | 95,779 | 5,000 |
| Program increase - AARGM improvements | | 5,000 | |
| 219 SURFACE ASW COMBAT SYSTEM INTEGRATION | 28,999 | 28,999 | 0 |
| 220 MK-48 ADCAP | 155,868 | 139,054 | -16,814 |
| APB 7/TI-2 unjustified growth | | -16,814 | |
| 221 AVIATION IMPROVEMENTS | 130,450 | 145,450 | 15,000 |
| Program increase - FOD mitigation integration | | 15,000 | |
| 222 OPERATIONAL NUCLEAR POWER SYSTEMS | 121,439 | 121,439 | 0 |
| 223 MARINE CORPS COMMUNICATIONS SYSTEMS | 114,305 | 114,305 | 0 |
| 224 COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) | 14,865 | 14,865 | 0 |
| 225 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS | 100,536 | 100,536 | 0 |
| 226 MARINE CORPS COMBAT SERVICES SUPPORT | 26,522 | 31,522 | 5,000 |
| Program increase - field-based airborne power generation systems | | 5,000 | |
| 227 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) | 51,976 | 51,976 | 0 |
| 228 AMPHIBIOUS ASSAULT VEHICLE | 8,246 | 8,246 | 0 |
| 229 TACTICAL AIM MISSILES | 29,236 | 29,236 | 0 |
| 230 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) | 30,898 | 30,898 | 0 |
| 231 PLANNING AND DECISION AID SYSTEM (PDAS) | 3,609 | 3,609 | 0 |
| 236 AFLOAT NETWORKS | 45,693 | 45,693 | 0 |
| 237 INFORMATION SYSTEMS SECURITY PROGRAM | 33,752 | 33,752 | 0 |
| 238 MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES | 8,415 | 8,415 | 0 |
| 239 TACTICAL UNMANNED AERIAL VEHICLES | 10,576 | 10,576 | 0 |
| 240 UAS INTEGRATION AND INTEROPERABILITY | 18,373 | 18,373 | 0 |
| 241 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 45,705 | 45,705 | 0 |
| 242 MQ-4C TRITON | 13,893 | 13,893 | 0 |
| 243 MQ-8 UAV | 0 | 7,000 | 7,000 |
| Program increase - data bus cybersecurity | | 7,000 | |
| 244 RQ-11 UAV | 1,234 | 1,234 | 0 |
| 245 SMALL (LEVEL 0) TACTICAL UAS (STUASL0) | 3,761 | 3,761 | 0 |
| 247 MULTI-INTELLIGENCE SENSOR DEVELOPMENT | 56,261 | 56,261 | 0 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 248 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) | 9,780 | 9,780 | 0 |
| 249 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT | 36,505 | 36,505 | 0 |
| 250 RQ-4 MODERNIZATION | 163,277 | 163,277 | 0 |
| 251 INTELLIGENCE MISSION DATA (IMD) | 851 | 851 | 0 |
| 252 MODELING AND SIMULATION SUPPORT | 9,437 | 9,437 | 0 |
| 253 DEPOT MAINTENANCE (NON-IF) | 26,248 | 31,248 | 5,000 |
| Program increase - joint enterprise data interoperability for F-35 depots | | 5,000 | |
| 254 MARITIME TECHNOLOGY (MARITECH) | 2,133 | 2,133 | 0 |
| 999 CLASSIFIED PROGRAMS | 1,701,811 | 2,365,311 | 663,500 |
| Classifed adjustment | | 663,500 | |
| 256 RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM | 12,810 | 12,810 | 0 |
| 257 MARITIME TACTICAL COMMAND AND CONTROL | 11,198 | 11,198 | 0 |

RESILIENT AUTONOMOUS SYSTEMS RESEARCH AND WORKFORCE DIVERSITY

The Committee supports the Navy's continued investment in autonomous systems. However, recent emerging threats warrant additional investment in new technologies and a diverse workforce equipped with technical skills needed to defend autonomous systems against cyber-attack. The Committee recommendation includes an increase of $8,500,000 for resilient autonomous systems research and workforce diversity.

TALENT AND TECHNOLOGY FOR NAVY POWER AND ENERGY SYSTEMS

The Committee supports the Navy's continued investment in next-generation integrated power and energy systems for future surface combatant ships. The Navy must now effectively integrate new power systems and controls technology and advance the knowledge and skill of its technical workforce in these important emergent ship power technologies. The Committee recommendation includes an increase of $10,500,000 for workforce talent and technology development efforts in support of Navy integrated power and energy systems.

RESEARCH AND WORKFORCE PARTNERSHIPS FOR SUBMARINE AND UNDERSEA VEHICLE PROGRAMS

The Committee recommendation includes $25,000,000 to build stronger partnerships between Navy research labs, warfighters, academia, and industry. The Assistant Secretary of the Navy (Research, Development and Acquisition) is directed to coordinate this effort with the Navy's industrial base partners to ensure that funded academic research projects are relevant to specific research, engineering, and manufacturing needs, as well as defined systems capabilities. The Assistant Secretary of the Navy (Research, Development, and Acquisition) is further directed to ensure that partnerships with academia focus on the specific submarine and autonomous undersea vehicle research needs, undersea technology acceleration and transition, and workforce development to ensure a sustainable undersea industrial base.

INFRARED TELESCOPE TECHNOLOGY

The Committee recognizes the importance of infrared telescope technology for northern sky surveys in the short-wave infrared H and K bands, astrophysics observations, Earth orbital debris, and space traffic management research. The Committee encourages the Secretary of the Navy to prioritize research for infrared telescope technology because the collection of critical stellar data supports future ground- and space-based defense systems.

ULTRA COMPACT HEAT EXCHANGERS

The Committee believes that the Department of the Navy would benefit from using ultra-compact heat exchangers in vehicle fleets and power systems in order to store greater quantities of heat while using less space and weight compared to existing technology. The Committee encourages the Secretary of the Navy to research

ultra-compact heat exchangers for use in future vehicle fleets and power systems.

LIGHTWEIGHT ANTI CORROSION NANOTECHNOLOGY COATING ENHANCEMENT

The Committee remains concerned about the high cost of corrosion to Department of Defense assets. The Services, particularly the Department of the Navy, face complex threats in the Indo-Pacific region that require military equipment and infrastructure to be resilient and have maximum operational availability. The Committee encourages the Secretary of the Navy to research lightweight, nanotechnology-based technologies that provide high corrosion resistance which will decrease the cost of corrosion and increase operational availability of military equipment and infrastructure.

STERN TUBE SEALS

The Committee remains concerned by data indicating a higher than desired failure rate of stern tube seals on some classes of Navy ships. Premature, partial, or complete failure of these stern tube seals may increase procurement costs, negatively affect combat readiness, and disrupt the cadence of major operation and maintenance intervals. The Committee encourages the Secretary of the Navy to partner with the appropriate shipyards and industry partners to design, prototype, and test new seals that are more durable, safe, and cost-effective. New stern tube seal designs should not require modifications to the stern tubes of existing classes of ships to ensure a cost-effective approach to developing and evaluating modernized seals.

ACOUSTIC MONITORING FOR THE PROTECTION OF MARINE MAMMALS

The Committee is concerned by the level of incidental takes of marine mammals in the Navy's Northwest Testing and Training Activities plan. The Committee encourages the Secretary of the Navy to use passive acoustic monitoring to detect southern resident orcas and other marine mammals during all active sonar training and testing exercises. The Committee also encourages the Secretary of the Navy to update the Navy's mitigation measures for testing and training activities to include, but not be limited to, expanding the no-use range of sonar to 0.5 nautical miles from any orcas or other marine mammals, incorporate a real-time whale alert system and manned spotter systems onboard Navy vessels, and establish seasonal limitations on the use of sonars in traditional whale and other marine mammal foraging areas.

COASTAL ENVIRONMENTAL RESEARCH

The Committee understands the importance of the littoral region to Navy operations worldwide and believes that testing and training must replicate the operational and threat environments that submarines and unmanned systems are likely to encounter in these areas. The Committee believes that additional research of the magnetic, electric, and acoustic ambient fields in the littoral regions and the development of predictive techniques to distinguish ships

and submarines from naturally occurring background features would be beneficial for littoral operations. The Committee encourages the Secretary of the Navy to conduct additional research in this area.

CRITICAL PROTECTION TECHNOLOGIES

The Committee recognizes the growing threat and ability posed by adversaries to exploit sophisticated weapon systems and the need to ensure advantages in the cyber and encryption arenas. The Committee encourages the Navy to continue investment in critical protection technologies, and specifically cybersecurity architecture, to ensure the threat is matched by continued development of keystone capabilities to protect weapon systems.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $44,134,301,000 |
| Committee recommendation | 43,173,883,000 |
| Change from budget request | −960,418,000 |

The Committee recommends an appropriation of $43,173,883,000 for Research, Development, Test and Evaluation, Air Force which will provide the following program in fiscal year 2023:

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

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **DEFENSE RESEARCH SCIENCES** | **375,325** | **381,125** | **5,800** |
| | Program increase - Space Force human performance optimization research | | 5,800 | |
| 2 | **UNIVERSITY RESEARCH INITIATIVES** | **171,192** | **171,192** | **0** |
| 4 | **FUTURE AIR FORCE CAPABILITIES APPLIED RESEARCH** | **88,672** | **79,901** | **-8,771** |
| | Transformational capability incubator unjustified growth | | -8,771 | |
| 5 | **MATERIALS** | **134,795** | **179,445** | **44,650** |
| | Program increase - additive manufactured ceramic matrix composites | | 5,000 | |
| | Program increase - born qualified additive manufacturing | | 10,000 | |
| | Program increase - deployable passive cooling | | 5,000 | |
| | Program increase - flexible conductive materials | | 5,000 | |
| | Program increase - high and ultra-high temperature ceramic-matrix composites for hypersonics | | 10,000 | |
| | Program increase - maturation of carbon-carbon thermal protection systems | | 5,000 | |
| | Program increase - transparency repair program | | 4,650 | |
| 6 | **AEROSPACE VEHICLE TECHNOLOGIES** | **159,453** | **189,453** | **30,000** |
| | Program increase - collaborative hypersonic demonstration | | 10,000 | |
| | Program increase - educational partnership agreement for aerospace engineering systems security integration | | 10,000 | |
| | Program increase - educational partnership agreement for secure UAV technologies | | 10,000 | |
| 7 | **HUMAN EFFECTIVENESS APPLIED RESEARCH** | **135,771** | **146,771** | **11,000** |
| | Program increase - critical air transport technology expansion | | 7,000 | |
| | Program increase - special tactics support assessment | | 4,000 | |
| 8 | **AEROSPACE PROPULSION** | **172,861** | **195,361** | **22,500** |
| | Program increase - emergency power and cooling thermal management growth | | 9,500 | |
| | Program increase - modular cooling capacity for tactical aircraft | | 5,000 | |
| | Program increase - modular open system architecture for turbine engine technology | | 8,000 | |
| 9 | **AEROSPACE SENSORS** | **192,733** | **216,833** | **24,100** |
| | Program increase - automated legacy code modernization | | 4,100 | |
| | Program increase - heterogeneous integration of microelectronics | | 5,000 | |
| | Program increase - low cost sensors for UAVs | | 5,000 | |
| | Program increase - zero-trust environment for semi-conductor technology | | 10,000 | |
| 11 | **S&T MANAGEMENT - MAJOR HQ ACTIVITIES** | **8,856** | **8,856** | **0** |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 12 | **CONVENTIONAL MUNITIONS** | **137,303** | **147,303** | **10,000** |
| | Program increase - convergence technology research | | 10,000 | |
| 13 | **DIRECTED ENERGY TECHNOLOGY** | **109,302** | **100,947** | **-8,355** |
| | Air Force requested transfer to RDTE,SF line 2 | | -8,355 | |
| 14 | **DOMINANT INFORMATION SCIENCES AND METHODS** | **166,041** | **216,041** | **50,000** |
| | Program increase - ion trap quantum computing | | 20,000 | |
| | Program increase - quantum network testbed | | 10,000 | |
| | Program increase - secure quantum computing facility (CDM) | | 20,000 | |
| 16 | **FUTURE AIR FORCE INTEGRATED TECHNOLOGY DEMOS** | **152,559** | **135,127** | **-17,432** |
| | Future transformational capabilities unjustified growth | | -22,432 | |
| | Program increase - automated geospatial intelligence detection algorithms | | 5,000 | |
| 17 | **ADVANCED MATERIALS FOR WEAPON SYSTEMS** | **29,116** | **39,765** | **10,649** |
| | Transformational technology unjustified request (BPAC 632100) | | -1,244 | |
| | Transformational technology unjustified request (BPAC 633153 | | -1,273 | |
| | Transformational technology unjustified request (BPAC 633946) | | -1,834 | |
| | Program increase - metals affordability research | | 10,000 | |
| | Program increase - polymer printing technology for additive manufacturing | | 5,000 | |
| 18 | **SUSTAINMENT S&T** | **10,695** | **10,662** | **-33** |
| | Transformational technology development unjustified request | | -33 | |
| 19 | **ADVANCED AEROSPACE SENSORS** | **36,997** | **37,917** | **920** |
| | Transformational technology development unjustified request (BPAC 63655A) | | -2,307 | |
| | Transformational technology development unjustified request (BPAC 6369DF) | | -2,373 | |
| | Program increase - modular open system software testing | | 5,600 | |
| 20 | **AEROSPACE TECHNOLOGY DEV/DEMO** | **54,727** | **74,605** | **19,878** |
| | Transformational technology development unjustified request (BPAC 634920) | | -2,030 | |
| | Transformational technology development unjustified request (BPAC 634927) | | -10,422 | |
| | Program increase - reusable hypersonic technology | | 10,000 | |
| | Program increase - turbo air cool HTPEM hydrogen fuel cell development | | 12,330 | |
| | Program increase - unmanned adversary air platform | | 10,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 21 | **AEROSPACE PROPULSION & POWER TECHNOLOGY** | **64,254** | **67,210** | **2,956** |
| | Transformational technology development unjustified request (BPAC 633035) | | -2,294 | |
| | Transformational technology development unjustified request (BPAC 634093) | | -1,160 | |
| | Transformational technology development unjustified request (BPAC 634921) | | -3,590 | |
| | Program increase - altitude chamber infrastructure upgrades | | 5,000 | |
| | Program increase - low spool generator capabilities | | 5,000 | |
| 22 | **ELECTRONIC COMBAT TECHNOLOGY** | **33,380** | **31,037** | **-2,343** |
| | Transformational technology development unjustified request (BPAC 63431G) | | -1,030 | |
| | Transformational technology development unjustified request (BPAC 634335) | | -704 | |
| | Transformational technology development unjustified request (BPAC 63691X) | | -609 | |
| 23 | **SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS** | **39,431** | **20,000** | **-19,431** |
| | Lack of justification | | -19,431 | |
| 26 | **HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY** | **20,652** | **15,440** | **-5,212** |
| | Transformational technology development unjustified request (BPAC 635323) | | -1,462 | |
| | Transformational technology development unjustified request (BPAC 635324) | | -1,317 | |
| | Transformational technology development unjustified request (BPAC 635325) | | -1,412 | |
| | Transformational technology development unjustified request (BPAC 635327) | | -1,021 | |
| 27 | **CONVENTIONAL WEAPONS TECHNOLOGY** | **187,374** | **154,618** | **-32,756** |
| | Transformational component unjustified growth | | -32,756 | |
| 28 | **ADVANCED WEAPONS TECHNOLOGY** | **98,503** | **98,289** | **-214** |
| | Transformational technology development unjustified request | | -5,214 | |
| | Program increase - LIDAR CUAS automated target recognition | | 5,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 29 | **MANUFACTURING TECHNOLOGY PROGRAM** | **47,759** | **166,259** | **118,500** |
| | Program increase - academic-industry partnerships for advanced materials and manufacturing processes | | 6,000 | |
| | Program increase - adaptive modeling for low-cost titanium | | 5,000 | |
| | Program increase - additive manufacturing qualification | | 5,000 | |
| | Program increase - beryllium additive manufacturing | | 3,000 | |
| | Program increase - composites for advanced air mobility | | 10,000 | |
| | Program increase - digital engineering work cell | | 5,000 | |
| | Program increase - disruptive alloy metals development | | 10,000 | |
| | Program increase - electromagnetic protected advanced lightweight multifunctional materials | | 5,000 | |
| | Program increase - gallium oxide for high power electronics | | 5,000 | |
| | Program increase - hypersonics supply chain research | | 10,000 | |
| | Program increase - low cost rapid aerospace fabrication technology | | 6,500 | |
| | Program increase - manufacturing technology for reverse engineering | | 5,000 | |
| | Program increase - MRO advanced process technology development | | 10,000 | |
| | Program increase - smart manufacturing digital thread initiative | | 10,000 | |
| | Program increase - technologies to repair fastener holes | | 5,000 | |
| | Program increase - trusted metal additive manufacturing | | 10,000 | |
| | Program increase - virtual augmented mixed reality readiness | | 8,000 | |
| 30 | **BATTLESPACE KNOWLEDGE DEV/DEMO** | **51,824** | **61,824** | **10,000** |
| | Program increase - assured communication and networks | | 10,000 | |
| 31 | **ARMAMENT DEMONSTRATION AND VALIDATION** | **125,688** | **75,688** | **-50,000** |
| | Lack of clear strategy, requirements, or execution plan | | -50,000 | |
| 32 | **INTELLIGENCE ADVANCED DEVELOPMENT** | **6,101** | **6,101** | **0** |
| 33 | **COMBAT IDENTIFICATION TECHNOLOGY** | **17,318** | **17,318** | **0** |
| 34 | **NATO RESEARCH AND DEVELOPMENT** | **4,295** | **4,295** | **0** |
| 35 | **ICBM DEM/VAL** | **46,432** | **46,432** | **0** |
| 36 | **NC3 ADVANCED CONCEPTS** | **5,098** | **5,098** | **0** |
| 38 | **ADVANCED BATTLE MANAGEMENT SYSTEM** | **231,408** | **231,408** | **0** |
| 39 | **ADVANCED ENGINE DEVELOPMENT** | **353,658** | **353,658** | **0** |
| | Air Force requested realignment to NGAP from AETP | | -152,800 | |
| | Air Force requested realignment from AETP to NGAP | | 152,800 | |
| 40 | **DEPT OF THE AIR FORCE TECH ARCHITECTURE** | **66,615** | **50,000** | **-16,615** |
| | Program growth | | -16,615 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 41 | **LONG RANGE STRIKE - BOMBER** | **3,253,584** | **3,143,584** | **-110,000** |
| | Excess to need | | -110,000 | |
| 42 | **DIRECTED ENERGY PROTOTYPING** | **4,269** | **4,269** | **0** |
| 43 | **HYPERSONICS PROTOTYPING** | **431,868** | **24,981** | **-406,887** |
| | Terminate ARRW flight test after ATF-1 | | -90,000 | |
| | Transfer HACM funding to line 44 | | -316,887 | |
| 44 | **HYPERSONIC ATTACK CRUISE MISSILE (HACM)** | **144,891** | **461,778** | **316,887** |
| | Transfer from line 43 | | 316,887 | |
| 45 | **PNT RESILIENCY, MODS, AND IMPROVEMENTS** | **12,010** | **12,010** | **0** |
| 46 | **ADVANCED TECHNOLOGY AND SENSORS** | **13,311** | **13,311** | **0** |
| 47 | **SURVIVABLE AIRBORNE OPERATIONS CENTER** | **203,213** | **123,213** | **-80,000** |
| | Projected late contract award and lack of fidelity on budgetary requirements for EMD | | -80,000 | |
| 48 | **TECHNOLOGY TRANSFER** | **16,759** | **16,759** | **0** |
| 49 | **HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM** | **106,826** | **106,826** | **0** |
| 50 | **CYBER RESILIENCY OF WEAPON SYSTEMS-ACS** | **44,526** | **44,526** | **0** |
| 51 | **JOINT TRANSPORTATION MANAGEMENT SYSTEM** | **51,758** | **27,758** | **-24,000** |
| | Product development ahead of need | | -24,000 | |
| 52 | **DEPLOYMENT & DISTRIBUTION ENTERPRISE** | **27,586** | **27,586** | **0** |
| 53 | **TECH TRANSITION PROGRAM** | **649,545** | **596,345** | **-53,200** |
| | Blended wing body funded in FY22 | | -15,000 | |
| | Air Force requested transfer to AP,AF line 36 for C-17 engine pylon fairings | | -2,500 | |
| | Air Force requested transfer to AP,AF line 36 for C-17 microvanes | | -3,000 | |
| | Air Force requested transfer to AP,AF line 49 for C-130 finlets | | -17,500 | |
| | Air Force requested transfer to AP,AF line 51 for KC-135 aft body drag reduction | | -11,500 | |
| | Air Force requested transfer to AP,AF line 51 for KC-135 vertical windshield wipers | | -8,000 | |
| | Air Force requested transfer to line 54 | | -15,500 | |
| | Program increase - advanced rotary engine hybrid power system | | 10,000 | |
| | Program increase - operational additive manufacturing capabilities | | 9,800 | |
| 54 | **OPERATIONAL ENERGY AND INSTALLATION RESILIENCE** | **0** | **25,500** | **25,500** |
| | Air Force requested transfer from line 53 | | 15,500 | |
| | Program increase - hydrogen fuel cell microgrid technology | | 10,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 56 | NEXT GENERATION AIR DOMINANCE | 1,657,733 | 1,657,733 | 0 |
| 57 | AUTONOMOUS COLLABORATIVE PLATFORMS | 51,747 | 51,747 | 0 |
| 58 | COMBAT IDENTIFICATION | 1,866 | 1,866 | 0 |
| 59 | 3DELRR | 14,490 | 14,490 | 0 |
| 60 | AIR BASE DEFENSE SYSTEM (ABADS) | 52,498 | 52,498 | 0 |
| 61 | WAR RESERVE MATERIEL - AMMUNITION | 10,288 | 10,288 | 0 |
| 64 | CDL EXECUTIVE AGENT | 37,460 | 37,460 | 0 |
| 65 | MISSION PARTNER ENVIRONMENTS | 17,378 | 17,378 | 0 |
| 66 | CYBER OPERATIONS TECHNOLOGY SUPPORT | 234,576 | 234,576 | 0 |
| 67 | ENABLED CYBER ACTIVITIES | 16,728 | 16,728 | 0 |
| 69 | RAPID SUSTAINMENT MODERNIZATION (RSM) | 0 | 31,000 | 31,000 |
| | Program increase - fused deposition modeling next generation missile manufacturing | | 18,000 | |
| | Program increase - laser metal deposition powder for turbine engine component restoration | | 13,000 | |
| 70 | CVV INTEGRATED PREVENTION | 9,315 | 9,315 | 0 |
| 71 | CONTRACTING INFORMATION TECHNOLOGY SYSTEM | 14,050 | 14,050 | 0 |
| 72 | U.S. SPACE COMMAND R&D SUPPORT | 10,350 | 10,350 | 0 |
| 73 | FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS | 9,879 | 9,879 | 0 |
| 74 | PNT RESILIENCY, MODS, AND IMPROVEMENTS | 176,824 | 176,824 | 0 |
| 75 | NUCLEAR WEAPONS SUPPORT | 64,425 | 64,425 | 0 |
| 76 | ELECTRONIC WARFARE DEVELOPMENT | 2,222 | 7,222 | 5,000 |
| | Program increase - next generation ultra wideband receiver for radar jammer | | 5,000 | |
| 77 | TACTICAL DATA NETWORKS ENTERPRISE | 133,117 | 139,617 | 6,500 |
| | Program increase - software programmable open mission systems compliant radio | | 6,500 | |
| 78 | PHYSICAL SECURITY EQUIPMENT | 8,493 | 8,493 | 0 |
| 79 | ARMAMENT/ORDNANCE DEVELOPMENT | 5,279 | 5,279 | 0 |
| 80 | SUBMUNITIONS | 3,273 | 3,273 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 81 | AGILE COMBAT SUPPORT | 14,252 | 14,252 | 0 |
| 83 | LIFE SUPPORT SYSTEMS | 47,442 | 47,442 | 0 |
| 84 | COMBAT TRAINING RANGES | 91,284 | 91,284 | 0 |
| 86 | LONG RANGE STANDOFF WEAPON | 928,850 | 848,850 | -80,000 |
| | Program growth | | -80,000 | |
| 93 | ICBM FUZE MODERNIZATION | 98,376 | 98,376 | 0 |
| 88 | JOINT TACTICAL NETWORK CENTER (JTNC) | 2,222 | 2,222 | 0 |
| 89 | OPEN ARCHITECTURE MANAGEMENT | 38,222 | 38,222 | 0 |
| 90 | ADVANCED PILOT TRAINING | 37,121 | 33,621 | -3,500 |
| | Government test ahead of need | | -3,500 | |
| 91 | HH-60W (CRH) | 58,974 | 44,574 | -14,400 |
| | Modernization delays | | -14,400 | |
| 92 | GROUND BASED STRATEGIC DETERRENT | 3,614,290 | 3,527,793 | -86,497 |
| | Excess program growth | | -86,497 | |
| 94 | F-15 EPAWSS | 67,956 | 53,456 | -14,500 |
| | Underexecution due to contract conversion | | -14,500 | |
| 95 | ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY | 27,881 | 27,881 | 0 |
| 96 | STAND IN ATTACK WEAPON | 283,152 | 263,152 | -20,000 |
| | Program delays | | -20,000 | |
| 97 | FULL COMBAT MISSION TRAINING | 3,028 | 12,528 | 9,500 |
| | Program increase - visual capabilities for live, virtual, and constructive air combat training systems | | 9,500 | |
| 102 | KC-46A TANKER SQUADRONS | 197,510 | 176,229 | -21,281 |
| | PACS delays | | -10,000 | |
| | Transfer to line 102A for KC-Y | | -11,281 | |
| 102A | KC-Y | 0 | 11,281 | 11,281 |
| | Transfer from line 102 | | 11,281 | |
| 103 | VC-25B | 492,932 | 397,932 | -95,000 |
| | Program delays | | -95,000 | |
| 104 | AUTOMATED TEST SYSTEMS | 16,664 | 16,664 | 0 |
| 105 | TRAINING DEVELOPMENTS | 15,138 | 15,138 | 0 |
| 107 | NEXT GENERATION OPIR | 148 | 148 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 108 | THREAT SIMULATOR DEVELOPMENT | 21,067 | 21,067 | 0 |
| 109 | MAJOR T&E INVESTMENT | 44,714 | 171,314 | 126,600 |
| | Program increase - Air Force unfunded priority to enhance hypersonic testing capacity and capability | | 126,600 | |
| 110 | RAND PROJECT AIR FORCE | 37,921 | 37,921 | 0 |
| 111 | SMALL BUSINESS INNOVATION RESEARCH | 86 | 0 | -86 |
| | Programming error | | -86 | |
| 112 | INITIAL OPERATIONAL TEST AND EVALUATION | 13,926 | 13,926 | 0 |
| 113 | TEST AND EVALUATION SUPPORT | 826,854 | 841,854 | 15,000 |
| | Program increase - Air Force unfunded priority to enhance hypersonic testing capacity and capability | | 15,000 | |
| 115 | ACQUISITION WORKFORCE - GLOBAL VIGILANCE AND COMBAT SYSTEMS | 255,995 | 255,995 | 0 |
| 116 | ACQUISITION WORKFORCE - GLOBAL REACH | 457,589 | 457,589 | 0 |
| 117 | ACQUISITION WORKFORCE - CYBER, NETWORK, AND BUSINESS SYSTEMS | 459,223 | 459,223 | 0 |
| 118 | ACQUISITION WORKFORCE - GLOBAL BATTLE MANAGEMENT | 3,696 | 3,696 | 0 |
| 119 | ACQUISITION WORKFORCE - CAPABILITY INTEGRATION | 229,610 | 229,610 | 0 |
| 120 | ACQUISITION WORKFORCE - ADVANCED PROGRAM TECHNOLOGY | 92,648 | 92,648 | 0 |
| 121 | ACQUISITION WORKFORCE - NUCLEAR SYSTEMS | 241,226 | 241,226 | 0 |
| 122 | MANAGEMENT HQ - R&D | 4,347 | 4,347 | 0 |
| 123 | FACILITIES RESTORATION AND MODERNIZATION - T&E SUPPORT | 77,820 | 133,420 | 55,600 |
| | Program increase - Air Force unfunded priority to enhance hypersonic testing capacity and capability | | 55,600 | |
| 124 | FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT | 31,561 | 31,561 | 0 |
| 125 | REQUIREMENTS ANALYSIS AND MATURATION | 101,844 | 101,844 | 0 |
| 126 | MANAGEMENT HQ - T&E | 6,285 | 6,285 | 0 |
| 127 | SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES | 556 | 556 | 0 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 128 C4 - STRATCOM | 15,559 | 25,559 | 10,000 |
| Program increase - NC3 rapid engineering architecture collaboration hub | | 10,000 | |
| 129 ENTERPRISE INFORMATION SERVICES | 83,231 | 83,231 | 0 |
| 130 ACQUISITION AND MANAGEMENT SUPPORT | 24,306 | 31,306 | 7,000 |
| Program increase - document generation platform | | 7,000 | |
| 131 GENERAL SKILL TRAINING | 871 | 871 | 0 |
| 134 INTERNATIONAL ACTIVITIES | 2,593 | 2,593 | 0 |
| 136 SUFT | 18,037 | 18,037 | 0 |
| 138 AGILE COMBAT SUPPORT | 8,199 | 8,199 | 0 |
| 139 DEPLOYMENT & DISTRIBUTION ENTERPRISE | 156 | 156 | 0 |
| 140 F-35 C2D2 | 1,014,708 | 1,089,708 | 75,000 |
| Program increase - F135 engine enhancement | | 75,000 | |
| 141 AF-IPPS | 37,901 | 37,901 | 0 |
| 142 ANTI-TAMPER TECHNOLOGY EA | 50,066 | 50,066 | 0 |
| 143 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION | 80,338 | 80,338 | 0 |
| 144 HC/MC-130 RECAP | 47,994 | 47,994 | 0 |
| 145 NC3 INTEGRATION | 23,559 | 23,559 | 0 |
| 147 B-52 SQUADRONS | 770,313 | 734,807 | -35,506 |
| CERP underexecution | | -16,335 | |
| VLF/LF underexecution | | -5,000 | |
| AEHF delays | | -3,325 | |
| Quad Crew delays and growth | | -10,846 | |
| 148 ALCM | 571 | 571 | 0 |
| 149 B-1B SQUADRONS | 13,144 | 20,044 | 6,900 |
| Radio crypto delays | | -3,100 | |
| Program increase - hypersonic integration | | 10,000 | |
| 150 B-2 SQUADRONS | 111,990 | 111,990 | 0 |
| 151 MINUTEMAN SQUADRONS | 69,650 | 69,650 | 0 |
| 152 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS | 22,725 | 22,725 | 0 |
| 153 ISPAN | 3,180 | 32,253 | 29,073 |
| Transfer from line 278 | | 29,073 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **154 ICBM REENTRY VEHICLES** | **118,616** | **115,616** | **-3,000** |
| Excess to need | | -3,000 | |
| **156 UH-1N REPLACEMENT** | **17,922** | **15,922** | **-2,000** |
| PE/PI ahead of need | | -2,000 | |
| **157 RSOC MODERNIZATION** | **451** | **451** | **0** |
| **158 NORTH WARNING SYSTEM (NWS)** | **76,910** | **76,910** | **0** |
| **159 OVER-THE-HORIZON BACKSCATTER RADAR** | **12,210** | **12,210** | **0** |
| **160 VEHICLES AND SUPPORT EQUIPMENT - GENERAL** | **14,483** | **14,483** | **0** |
| **161 MQ-9** | **98,499** | **149,999** | **51,500** |
| Program increase - MQ-9 modernization | | 31,500 | |
| Program increase - disaggregated AMTI development | | 20,000 | |
| **162 JOINT COUNTER RCIED ELECTRONIC WARFARE** | **1,747** | **1,747** | **0** |
| **163 MULTI-PLATFORM EW EQUIPMENT** | **23,195** | **23,195** | **0** |
| **164 A-10 SQUADRONS** | **72,393** | **64,593** | **-7,800** |
| CICS award delays | | -7,800 | |
| **165 F-16 SQUADRONS** | **244,696** | **249,696** | **5,000** |
| Program increase - lithium battery replacement for F-16 hydrazine emergency power units | | 5,000 | |
| **166 F-15 SQUADRONS** | **213,272** | **182,491** | **-30,781** |
| OFP - CD&I contract award delay | | -26,400 | |
| Digital color display lack of clear acquisition plan | | -4,381 | |
| **167 MANNED DESTRUCTIVE SUPPRESSION** | **16,695** | **16,695** | **0** |
| **168 F-22 SQUADRONS** | **559,709** | **559,709** | **0** |
| **169 F-35 SQUADRONS** | **70,730** | **65,730** | **-5,000** |
| QRIP inadequate justification | | -5,000 | |
| **170 F-15EX** | **83,830** | **83,830** | **0** |
| **171 TACTICAL AIM MISSILES** | **34,536** | **34,536** | **0** |
| **172 AMRAAM** | **52,704** | **52,704** | **0** |
| **173 COMBAT RESCUE - PARARESCUE** | **863** | **863** | **0** |
| **174 TENCAP** | **23,309** | **23,309** | **0** |
| **175 PRECISION ATTACK SYSTEMS PROCUREMENT** | **12,722** | **12,722** | **0** |
| **176 COMPASS CALL** | **49,054** | **49,054** | **0** |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **177 ENGINE CIP** | **116,087** | **136,087** | **20,000** |
| Program increase - BPAC 671012 | | 10,000 | |
| Program increase - F135 | | 10,000 | |
| **178 JASSM** | **117,198** | **117,198** | **0** |
| **179 SMALL DIAMETER BOMB** | **27,713** | **27,713** | **0** |
| **180 AIR AND SPACE OPERATIONS CENTER** | **0** | **79,549** | **79,549** |
| Transfer from line 279 | | 79,549 | |
| **181 CONTROL AND REPORTING CENTER** | **6,615** | **6,615** | **0** |
| **182 AWACS** | **239,658** | **11,882** | **-227,776** |
| Transfer to line 182A for AWACS replacement | | -226,776 | |
| CNU carryover | | -1,000 | |
| **182A AWACS REPLACEMENT** | **0** | **206,776** | **206,776** |
| Transfer from line 182 | | 226,776 | |
| Rephase AWACS funding for likely execution | | -20,000 | |
| **183 AFSPECWAR - TACP** | **5,982** | **5,982** | **0** |
| **185 COMBAT AIR INTELLIGENCE SYSTEM** | **23,504** | **29,704** | **6,200** |
| Program increase - geospatial infrastructure for ISR wing | | 6,200 | |
| **186 THEATER BATTLE MANAGEMENT C4I** | **5,851** | **5,851** | **0** |
| **187 EWIR** | **15,990** | **15,990** | **0** |
| **188 TACP-MOD** | **10,315** | **10,315** | **0** |
| **189 DCAPES** | **8,049** | **8,049** | **0** |
| **190 AIR FORCE CALIBRATION PROGRAMS** | **2,123** | **2,123** | **0** |
| **192 NATIONAL TECHNICAL NUCLEAR FORENSICS** | **2,039** | **2,039** | **0** |
| **193 SEEK EAGLE** | **32,853** | **32,853** | **0** |
| **194 USAF MODELING AND SIMULATION** | **19,341** | **19,341** | **0** |
| **195 WARGAMING AND SIMULATION CENTERS** | **7,004** | **7,004** | **0** |
| **197 DISTRIBUTED TRAINING AND EXERCISES** | **4,628** | **4,628** | **0** |
| **198 MISSION PLANNING SYSTEMS** | **99,214** | **99,214** | **0** |
| **199 TACTICAL DECEPTION** | **17,074** | **24,574** | **7,500** |
| Program increase - radar modeling | | 7,500 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 200 OPERATIONAL HQ - CYBER | 2,347 | 5,347 | 3,000 |
| Program increase - command and control of the information environment | | 3,000 | |
| 201 DISTRIBUTED CYBER WARFARE OPERATIONS | 76,592 | 76,592 | 0 |
| 202 AF DEFENSIVE CYBERSPACE OPERATIONS | 8,367 | 0 | -8,367 |
| Programming error | | -8,367 | |
| 203 JOINT CYBER COMMAND AND CONTROL | 80,740 | 80,740 | 0 |
| 204 UNIFIED PLATFORM | 107,548 | 107,548 | 0 |
| 208 INTEL DATA APPLICATIONS | 1,065 | 1,065 | 0 |
| 209 GEOBASE | 2,928 | 2,928 | 0 |
| 210 NUCLEAR PLANNING AND EXECUTION SYSTEM | 0 | 16,200 | 16,200 |
| Transfer from line 278 | | 16,200 | |
| 211 CYBER SECURITY INTELLIGENCE SUPPORT | 8,972 | 8,972 | 0 |
| 218 NON-TRADITIONAL ISR | 3,069 | 3,069 | 0 |
| 219 E-4B NAOC | 25,701 | 25,701 | 0 |
| 220 MEECN | 41,171 | 41,171 | 0 |
| 221 ISSP | 70,582 | 70,582 | 0 |
| 224 JOINT MILITARY DECEPTION INITIATIVE | 2,588 | 2,588 | 0 |
| 226 AIRBORNE SIGINT ENTERPRISE | 108,528 | 115,528 | 7,000 |
| Program increase - special projects | | 7,000 | |
| 227 COMMERCIAL ECONOMIC ANALYSIS | 4,542 | 4,542 | 0 |
| 230 C2 AIR OPERATIONS SUITE - C2 INFO SERVICES | 8,097 | 8,097 | 0 |
| 231 CCMD INTELLIGENCE INFORMATION TECHNOLOGY | 1,751 | 1,751 | 0 |
| 232 ISR MODERNIZATION & AUTOMATION DEVELOPMENT | 13,138 | 13,138 | 0 |
| 233 GATM | 4,895 | 4,895 | 0 |
| 234 CYBER SECURITY INITIATIVE | 91 | 91 | 0 |
| 235 WEATHER SERVICE | 11,716 | 24,716 | 13,000 |
| Program increase - commercial weather data pilot | | 10,000 | |
| Program increase - atmospheric rivers research | | 3,000 | |
| 236 ATCALS | 8,511 | 8,511 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 237 | AERIAL TARGETS | 1,365 | 1,365 | 0 |
| 240 | SECURITY AND INVESTIGATIVE ACTIVITIES | 223 | 223 | 0 |
| 241 | DEFENSE JOINT COUNTERINTELLIGENCE | 8,328 | 8,328 | 0 |
| 243 | IBS | 22,123 | 22,123 | 0 |
| 244 | U-2 | 20,170 | 20,170 | 0 |
| 245 | AIRBORNE RECONNAISSANCE SYSTEMS<br>Program increase - wide area motion imagery | 55,048 | 60,048<br>5,000 | 5,000 |
| 246 | MANNED RECONNAISSANCE SYSTEMS | 14,590 | 14,590 | 0 |
| 247 | DCGS | 26,901 | 26,901 | 0 |
| 248 | RQ-4 | 68,801 | 68,801 | 0 |
| 249 | NETWORK-CENTRIC COLLABORATIVE TARGETING | 17,564 | 17,564 | 0 |
| 250 | NATO AGS | 826 | 826 | 0 |
| 251 | SUPPORT TO DCGS ENTERPRISE | 28,774 | 28,774 | 0 |
| 252 | INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES | 15,036 | 15,036 | 0 |
| 253 | RAPID CYBER ACQUISITION | 3,739 | 3,739 | 0 |
| 254 | PERSONNEL RECOVERY C2 | 2,702 | 2,702 | 0 |
| 255 | INTELLIGENCE MISSION DATA | 6,332 | 6,332 | 0 |
| 256 | C-130 SQUADRONS | 407 | 407 | 0 |
| 257 | C-5 SQUADRONS<br>RCMD delays | 6,100 | 3,100<br>-3,000 | -3,000 |
| 258 | C-17 SQUADRONS<br>BLOS underexecution and program growth | 25,387 | 20,387<br>-5,000 | -5,000 |
| 259 | C-130J<br>MILSATCOM modernization delays | 11,060 | 10,060<br>-1,000 | -1,000 |
| 260 | LAIRCM | 2,909 | 2,909 | 0 |
| 261 | KC-135 | 12,955 | 12,955 | 0 |
| 262 | CV-22 | 10,121 | 10,121 | 0 |
| 263 | SPECIAL TACTICS/COMBAT CONTROL | 6,297 | 6,297 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 264 | MAINTENANCE, REPAIR AND OVERHAUL SYSTEM | 19,892 | 19,892 | 0 |
| 265 | LOGISTICS INFORMATION TECHNOLOGY (LOGIT) | 5,271 | 7,271 | 2,000 |
| | Program increase - tagless IUID | | 2,000 | |
| 267 | OTHER FLIGHT TRAINING | 2,214 | 2,214 | 0 |
| 269 | JOINT PERSONNEL RECOVERY AGENCY | 2,164 | 2,164 | 0 |
| 270 | CIVILIAN COMPENSATION PROGRAM | 4,098 | 4,098 | 0 |
| 271 | PERSONNEL ADMINISTRATION | 3,191 | 3,191 | 0 |
| 272 | AIR FORCE STUDIES AND ANALYSIS AGENCY | 899 | 899 | 0 |
| 273 | FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT | 5,421 | 5,421 | 0 |
| 276 | SERVICE SUPPORT TO SPACECOM | 13,766 | 13,766 | 0 |
| 999 | CLASSIFIED PROGRAMS | 17,240,641 | 16,612,340 | -628,301 |
| | Classified adjustment | | -610,301 | |
| | Classified adjustment | | -18,000 | |
| 278 | STRATEGIC MISSION PLANNING AND EXECUTION SYSTEM | 100,167 | 0 | -100,167 |
| | Transfer to OM,AF line 15D | | -49,938 | |
| | Transfer to OP,AF line 23 | | -216 | |
| | Transfer to OP,AF line 27 | | -4,740 | |
| | Transfer to line 153 | | -29,073 | |
| | Transfer to line 210 | | -16,200 | |
| 279 | AIR & SPACE OPERATIONS CENTER (AOC) | 177,827 | 0 | -177,827 |
| | Transfer to OM,AF line 11C | | -79,136 | |
| | Transfer to OP,AF line 44 | | -19,142 | |
| | Transfer to line 180 | | -79,549 | |
| 280 | DEAMS - SOFTWARE PILOT PROGRAM (0608920F) | 136,202 | 129,392 | -6,810 |
| | Efficiencies from software pilot funding approach | | -6,810 | |
| 281 | DISTRIBUTED CYBER WARFARE OPERATIONS | 37,346 | 0 | -37,346 |
| | Programming error | | -37,346 | |
| 282 | AIR FORCE DEFENSIVE CYBER SYSTEMS (AFDCS) - SOFTWARE PILOT PROGRAM (0308605F) | 240,926 | 228,880 | -12,046 |
| | Efficiencies from software pilot funding approach | | -12,046 | |
| 283 | ALL DOMAIN COMMON PLATFORM (ADCP) - SOFTWARE PILOT PROGRAM (0308606F) | 190,112 | 180,607 | -9,505 |
| | Efficiencies from software pilot funding approach | | -9,505 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 284 | **AIR FORCE WEATHER PROGRAMS - SOFTWARE PILOT PROGRAM (0308607F)** | **58,063** | **55,160** | **-2,903** |
| | Efficiencies from software pilot funding approach | | -2,903 | |
| 285 | **ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR) - SOFTWARE PILOT PROGRAM (0308608F)** | **5,794** | **5,505** | **-289** |
| | Efficiencies from software pilot funding approach | | -289 | |

AIR FORCE NUCLEAR MODERNIZATION

The Committee's recommendation provides $9,353,925,000 in this account and Air Force procurement accounts for the Service's three major nuclear modernization programs, the B–21 bomber, the Ground Based Strategic Deterrent (GBSD) and the Long Range Standoff Weapon (LRSO). The Committee notes that the fiscal year 2023 budget requests for research, development, test and evaluation for all three programs have grown significantly from the amounts projected in the fiscal year 2021–2025 future years defense plan (FYDP), the last FYDP that was submitted to Congress prior to the fiscal year 2023 budget request. The total growth in the amount requested for these three programs in fiscal year 2023 is slightly under $1,700,000,000. The fiscal year 2023 budget for LRSO represents growth of 135 percent over the amount projected in the fiscal year 2021–2025 FYDP. The Committee further notes that Department of Defense and Air Force officials have cited the need to "fully fund" nuclear modernization as a partial reason for decreases in conventional acquisition programs such as the F–35A.

Because the FYDP was not submitted with the fiscal year 2022 budget request, the budget justification and other program material submitted to Congress with the fiscal year 2023 budget request makes it difficult for the Committee to track this budget growth and the reasons for it. While the Committee's recommendation is evidence of its support for nuclear modernization, this support does not extend to rubber stamping the request and the Committee is not convinced that the budget growth reflected in the request is necessary to meet these programs' threshold or objective schedules. The Committee therefore directs the Secretary of the Air Force to submit a report to the House and Senate Appropriations Committees, not later than October 31, 2022, that explains the growth in the fiscal year 2023 research, development, test and evaluation budget requests for the B–21 (Long Range Strike-Bomber), GBSD, and LRSO programs between the fiscal year 2021–2025 FYDP and fiscal year 2023–2027 FYDP. The report shall categorize explanations as follows: fact-of life changes, such as pricing inflation and other economic adjustments and higher-than-expected contractor proposals; program cost items not previously accounted for in the fiscal year 2021–2025 FYDP; changes in independent cost estimates and their year-by-year impact on annual funding requirements through the FY 2023–2027 FYDP; deliberate programmatic decisions, such as accelerating scheduled events or increasing required test assets; and other explanations the Air Force deems relevant. Further, the report shall explain why these increases are necessary to maintain the threshold or objective schedules for each program. The report may be submitted in classified form or with a classified annex, as necessary.

KC–Y

The Committee's recommendation includes $11,281,000, the same as the request, for the KC–Y or "bridge tanker" effort. The funds were submitted within the program element for KC–46A, but the Committee recommends these funds be realigned to a separate program element for greater transparency. The Committee under-

stands the Air Force will use this funding to stand up a system program office in anticipation of awarding a development contract for the KC–Y in fiscal year 2025. While the Committee understands the Air Force has not committed to an acquisition strategy for KC–Y, it is concerned that the funding allocated over the fiscal year 2023–2027 future years defense plan (FYDP) is insufficient to support a competitive acquisition approach. The Committee directs the Secretary of the Air Force to submit a report on funding for the KC–Y program to the congressional defense committees not later than 30 days after the submission of the fiscal year 2024 President's budget request. This report shall identify the requested funding for KC–Y in the fiscal year 2024–2028 FYDP by year and appropriation; provide a status update on the development of the acquisition strategy; and identify any funding gaps, by year and appropriation, needed to support a full and open competition for KC–Y.

MQ–9 MULTI DOMAIN OPERATIONS

The Committee understands the Air Force intends by 2027 to field, through a combination of new production aircraft cut-in modifications and retrofits, 77 MQ–9 Block 5 aircraft with upgraded capabilities that fall under the MQ–9 Multi-Domain Operations (M2DO) configuration. The Committee further understands that these capabilities represent a portion of capabilities that fall under either the baseline M2DO or a "phase two" set of capabilities, but that not all these capabilities are funded in the future years defense plan (FYDP).

The Committee directs the Secretary of the Air Force to submit a report on the M2DO effort to the congressional defense committees not later than 60 days after the submission of the fiscal year 2024 President's Budget. First, the report shall detail the Air Force's plan to field 77 MQ–9 aircraft in the currently planned M2DO configuration, with a table displaying the annual plan for fielding M2DO-configured aircraft through both new production and retrofits until completion. Second, the report shall provide a plan to develop and field additional M2DO capabilities, including "phase two" capabilities, by the end of the fiscal year 2024–2028 FYDP. This section of the report preferably will group such capabilities by technical risk, and identify the annual research, development, test and evaluation and procurement funding required to field those capabilities within the specified timeline.

Furthermore, for each group of capabilities, the report shall identify the funding required to field those capabilities for a fleet of 77 aircraft as planned by the Air Force; a fleet that would support operational demands supported by the Air Force as of the fiscal year 2023 budget request; a fleet that would support operational demands projected at the end of the 2024–2028 FYDP; and the full projected inventory, disregarding any proposed divestments, at the end of the 2024–2028 FYDP. This report may be submitted in classified form, or with a classified annex, as necessary.

E–3 DIVESTMENT

Though the fiscal year 2023 budget request seeks to achieve cost savings associated with immediate divestment of 15 E–3 aircraft,

the Committee is concerned about further degradation of already insufficient command, control, and surveillance capability and specialized manpower in the years between divestment and replacement. Further, while the Air Force has identified the E–7 as the E–3 replacement, it has not provided the Committee sufficient cost or schedule information to ensure there is not an enduring capabilities gap. Therefore, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the projected schedule for the E–3 replacement and plans to mitigate the risk incurred on the enterprise, including active duty, civilians, contractors, and others at Tinker Air Force Base. This report should also outline the impact divestiture will have on airborne early warning and control capabilities and how the Air Force intends to mitigate that gap until a replacement is operational.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE

| | |
|---|---|
| Fiscal year 2023 budget request | $15,819,372,000 |
| Committee recommendation | 15,461,468,000 |
| Change from budget request | −357,904,000 |

The Committee recommends an appropriation of $15,461,468,000 for Research, Development, Test and Evaluation, Space Force which will provide the following program in fiscal year 2023:

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

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | **SPACE TECHNOLOGY** | **243,737** | **286,492** | **42,755** |
| | DAF requested transfer from RDTE,AF line 13 | | 8,355 | |
| | Radiation hard electronics inadequate justification | | -4,400 | |
| | Resilient PNT inadequate justification | | -10,200 | |
| | Program increase – thin-film photovoltaic energy | | 3,000 | |
| | Program increase - university consortia for space technology | | 10,000 | |
| | Program increase - university research for next generation small satellite technology | | 20,000 | |
| | Program increase - next generation multiband space array antenna | | 10,000 | |
| | Program increase - advanced analog microelectronics | | 3,000 | |
| | Program increase - Hall multi-mode propulsion | | 3,000 | |
| | Program increase - hybrid space architecture | | 5,000 | |
| 3 | **SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT** | **460,820** | **434,820** | **-26,000** |
| | Program reduction - follow-on tranches | | -26,000 | |
| 4 | **SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEM(** | **103,395** | **146,168** | **42,773** |
| | DAF requested transfer from line 42 for Maui Space Surveillance System | | 2,773 | |
| | Program increase - Laser communication downlink systems | | 25,000 | |
| | Program increase - commercial space access improvements | | 5,000 | |
| | Program increase - additive manufacturing of solid rocket propellant | | 3,000 | |
| | Program increase - tridyne multi-mode propulsion | | 3,000 | |
| | Project increase - space research hub | | 4,000 | |
| 5 | **SPACE FORCE WEATHER SERVICES RESEARCH** | **816** | **816** | **0** |
| 6 | **NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)** | **382,594** | **382,594** | **0** |
| 7 | **SPACE WARFIGHTING ANALYSIS** | **44,791** | **44,791** | **0** |
| 8 | **EO/IR WEATHER SYSTEMS** | **96,519** | **96,519** | **0** |
| 10 | **SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING** | **986,822** | **962,722** | **-24,100** |
| | Classified adjustment | | -46,600 | |
| | Program increase - space resiliency payloads | | 22,500 | |
| 12 | **SPACE SITUATION AWARENESS SYSTEMS** | **230,621** | **221,421** | **-9,200** |
| | Reduce growth | | -9,200 | |
| 13 | **SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)** | **106,252** | **96,022** | **-10,230** |
| | Inadequate justification - digital engineering interconnected cloud-based ecosystem | | -10,230 | |
| 14 | **SPACE CONTROL TECHNOLOGY** | **57,953** | **50,453** | **-7,500** |
| | Inadequate justification | | -9,500 | |
| | Program increase - high-thrust gridded ion engine | | 2,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 16 | **SPACE SECURITY AND DEFENSE PROGRAM** | **59,169** | **56,600** | **-2,569** |
| | Unjustified increase | | -2,569 | |
| 17 | **PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)** | **121,069** | **111,169** | **-9,900** |
| | Unjustified increase | | -9,900 | |
| 18 | **PROTECTED TACTICAL SERVICE (PTS)** | **294,828** | **279,628** | **-15,200** |
| | Unjustified increase | | -15,200 | |
| 19 | **EVOLVED STRATEGIC SATCOM (ESS)** | **565,597** | **542,097** | **-23,500** |
| | Unjustified increase | | -23,500 | |
| 20 | **SPACE RAPID CAPABILITIES OFFICE** | **45,427** | **54,427** | **9,000** |
| | Program increase - hyper-converged edge computing | | 9,000 | |
| 21 | **GPS III FOLLOW-ON (GPS IIIF)** | **325,927** | **318,727** | **-7,200** |
| | Unjustified increase - GPS IIIF | | -7,200 | |
| 22 | **SPACE SITUATION AWARENESS OPERATIONS** | **49,628** | **54,628** | **5,000** |
| | Program increase - artificial intelligence and autonomy for data analytics and sensor systems | | 5,000 | |
| 23 | **COUNTERSPACE SYSTEMS** | **21,848** | **21,848** | **0** |
| 24 | **WEATHER SYSTEM FOLLOW-ON** | **48,870** | **48,870** | **0** |
| 25 | **SPACE SITUATION AWARENESS SYSTEMS** | **105,140** | **95,740** | **-9,400** |
| | Management services excess to need | | -9,400 | |
| 26 | **ADVANCED EHF MILSATCOM (SPACE)** | **11,701** | **11,701** | **0** |
| 27 | **POLAR MILSATCOM (SPACE)** | **67,465** | **67,465** | **0** |
| 28 | **WIDEBAND GLOBAL SATCOM (SPACE)** | **48,438** | **48,438** | **0** |
| 30 | **NEXT GENERATION OPIR** | **3,479,459** | **839,130** | **-2,640,329** |
| | DAF requested transfer to line 31 for Next-Gen OPIR - GEO | | -1,713,933 | |
| | DAF requested transfer to line 32 for Next-Gen OPIR - Polar | | -899,196 | |
| | Space modernization initiative inadequate justification | | -27,200 | |
| 31 | **NEXT-GEN OPIR -- GEO** | **0** | **1,713,933** | **1,713,933** |
| | DAF requested transfer from line 30 for Next-Gen OPIR - GEO | | 1,713,933 | |
| 32 | **NEXT-GEN OPIR -- POLAR** | **0** | **899,196** | **899,196** |
| | DAF requested transfer from line 30 for Next-Gen OPIR - Polar | | 899,196 | |
| 33 | **COMMERCIAL SATCOM (COMSATCOM) INTEGRATION** | **23,513** | **23,513** | **0** |
| 34 | **RESILIENT MISSILE WARNING MISSILE TRACKING - LOW EARTH ORBIT (LEO)** | **499,840** | **525,637** | **25,797** |
| | DAF requested transfer from line 36 | | 25,797 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 35 | RESILIENT MISSILE WARNING MISSILE TRACKING - MEDIUM EARTH ORBIT (MEO) | 139,131 | 262,730 | 123,599 |
| | DAF requested transfer from line 36 | | 164,799 | |
| | MEO ground inadequate justification | | -41,200 | |
| 36 | RESILIENT MISSILE WARNING MISSILE TRACKING - INTEGRATED GROUND SEGMENT | 390,596 | 0 | -390,596 |
| | DAF requested transfer to Proc,SF line 20 | | -200,000 | |
| | DAF requested transfer to line 34 | | -25,797 | |
| | DAF requested transfer to line 35 | | -164,799 | |
| 37 | NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD | 124,103 | 154,103 | 30,000 |
| | Program increase - space mobility and logistics | | 30,000 | |
| 39 | SPACE TEST AND TRAINING RANGE DEVELOPMENT | 21,453 | 21,453 | 0 |
| 40 | ACQ WORKFORCE - SPACE & MISSILE SYSTEMS | 253,716 | 253,716 | 0 |
| 41 | SPACE & MISSILE SYSTEMS CENTER - MHA | 13,962 | 13,962 | 0 |
| 42 | SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEM | 2,773 | 0 | -2,773 |
| | DAF requested transfer to line 4 for Maui Space Surveillance System | | -2,773 | |
| 43 | MAJOR T&E INVESTMENT - SPACE | 89,751 | 89,751 | 0 |
| 44 | ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) | 17,922 | 17,922 | 0 |
| 45 | TACTICALLY RESPONSIVE LAUNCH | 0 | 25,000 | 25,000 |
| | Program increase | | 25,000 | |
| 46 | SPACE TEST PROGRAM (STP) | 25,366 | 25,366 | 0 |
| 48 | GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) | 5,321 | 5,321 | 0 |
| 49 | FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) | 128,243 | 128,243 | 0 |
| 50 | DCO-SPACE | 28,162 | 28,162 | 0 |
| 51 | NARROWBAND SATELLITE COMMUNICATIONS | 165,892 | 144,392 | -21,500 |
| | Inadequate justification - early design activities | | -24,500 | |
| | Program increase - L-Band communications | | 3,000 | |
| 52 | SATELLITE CONTROL NETWORK (SPACE) | 42,199 | 42,199 | 0 |
| 53 | NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS) | 2,062 | 2,062 | 0 |
| 54 | SPACE AND MISSILE TEST AND EVALUATION CENTER | 4,157 | 4,157 | 0 |
| 55 | SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT | 38,103 | 38,103 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 56 | SPACELIFT RANGE SYSTEM (SPACE) | 11,658 | 21,658 | 10,000 |
| | Program increase | | 10,000 | |
| 57 | GPS III SPACE SEGMENT | 1,626 | 1,626 | 0 |
| 58 | SPACE SUPERIORITY ISR | 29,128 | 29,128 | 0 |
| 59 | NATIONAL SPACE DEFENSE CENTER | 2,856 | 2,856 | 0 |
| 60 | BALLISTIC MISSILE DEFENSE RADARS | 18,615 | 18,615 | 0 |
| 61 | NCMC - TW/AA SYSTEM | 7,274 | 7,274 | 0 |
| 62 | NUDET DETECTION SYSTEM (SPACE) | 80,429 | 80,429 | 0 |
| 63 | SPACE SITUATION AWARENESS OPERATIONS | 80,903 | 80,903 | 0 |
| 64 | GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT | 359,720 | 359,720 | 0 |
| 68 | ENTERPRISE GROUND SERVICES | 123,601 | 123,601 | 0 |
| 999 | CLASSIFIED PROGRAMS | 4,973,358 | 4,883,398 | -89,960 |
| | Classified adjustment | | -89,960 | |
| 70 | SPACE COMMAND & CONTROL - SOFTWARE PILOT PROGRAM | 155,053 | 160,053 | 5,000 |
| | Program increase - cyber halo innovation research program | | 5,000 | |

SPACE FORCE PROGRAM AFFORDABILITY AND EXECUTABILITY

The fiscal year 2023 budget request for the Space Force is $24,600,000,000, an increase of 36 percent above the fiscal year 2022 enacted level. Some of this increase is due to the establishment of a new Military Personnel account, which was previously included in the Air Force budget, and the planned transfer of the Space Development Agency into the Space Force. However, even after adjusting for these transfers, the growth in the Space Force budget is substantial, about 20 percent. Moreover, the Space Force's ambitious plans for new architectures, programs, and mission areas, do not appear to be backed up with credible budget projections in the outyears to actually deliver these capabilities. The request shows the Space Force budget peaking in fiscal year 2024 and then declining through fiscal year 2027 to levels even lower than requested for fiscal year 2023. The Committee cautions the Space Force against starting more programs than it can afford. The lack of a credible five-year budget raises fundamental questions about whether any serious analysis or long-term planning has been done to assess the realism and affordability of the entire portfolio of programs—not just individual programs—or to set priorities among programs, including deciding not to start programs if they are not affordable within projected budgets. The fiscal year 2023 budget request fails to clearly communicate the full funding and programmatic implications of what the Department of Defense is asking the Committee, and the Congress, to agree to in terms of cost, risks, uncertainties, and potential alternatives. The Committee reiterates its expectation that the Space Force's plans and programs must be based on rigorous technical analysis matched with executable plans resourced by realistic budgets. The current plan does not meet this expectation particularly with respect to aligning priorities within realistic budgets.

Therefore, the Committee directs the Secretary of the Air Force, through the Assistant Secretary of the Air Force for Space Acquisition and Integration, to provide the House and Senate Appropriations Committees with a briefing, including supporting analysis, an assessment of risks, and risk management plans, not later than by October 1, 2022, on the projected cost, affordability, and executability of the full portfolio of classified and unclassified programs and activities funded in the Space Force accounts.

MISSILE WARNING-MISSILE TRACKING LIFE-CYCLE COST

The fiscal year 2023 request includes more than $4,500,000,000 for missile warning-related programs. Specifically, $3,479,459,000 is requested for Next-Generation Overhead Persistent Infrared (OPIR), an increase of $1,140,538,000 over the fiscal year 2022 enacted level. In addition, the request includes $1,029,567,000 to start a new program, Resilient Missile Warning-Missile Tracking system. The Committee recognizes that the Space Force is pivoting away from relying on a small number of exquisite, yet vulnerable, satellites to a more proliferated and diverse architecture of smaller satellites in various orbits. While the Committee supports the intent of the pivot, the Space Force has not provided sufficient information on the expected life-cycle cost of the new architecture, the

cost to recapitalize a proliferated architecture every 3–5 years, potential risks and challenges in the supply chain, the ability of the Space Force to scale up capabilities to command and control a much larger number of satellites, the applicability and ability to meet stringent requirements for missile warning certification, cybersecurity, and resilience against reversible and irreversible kinetic and non-kinetic attacks. Therefore, the Committee directs the Director of Cost Assessment and Program Evaluation to develop a life-cycle cost estimate for the proposed Resilient Missile Warning-Missile Tracking initiative and provide a report on the estimate to the House and Senate Appropriations Committees, not later than January 30, 2023.

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

SMALL SATELLITE TECHNOLOGY UNIVERSITY RESEARCH

Over the past decade, commercial space companies have demonstrated the ability to routinely and cost effectively deliver large numbers of small satellites to orbit. To leverage these advances for national security, additional technologies are needed, including low-cost lightweight satellite-to-satellite optical communications systems, low-cost large antennas for small satellites to enable space-based radar and cellular communication, and efficient scalable electric propulsion systems. There is also a critical need to develop novel acquisition approaches that simultaneously leverage the technical expertise of universities and the focus, agility, and speed of start-up companies. Therefore, the recommendation provides $20,000,000 for collaboration between start-up companies and universities on next generation small satellite technologies to enable small companies to access the expertise at leading research universities, and to rapidly demonstrate and transition next generation small satellite technologies to support national security.

UNIVERSITY CONSORTIA FOR SPACE TECHNOLOGY

The Committee recognizes the need to accelerate the transition of fundamental research and early-stage technology development into integrated systems capable of aiding the national security space enterprise. Specifically, the Committee notes the critical need for a university-led consortium that addresses and facilitates the advancement of capabilities related to space domain awareness; position, navigation, and timing; and space applications for cybersecurity. The recommendation provides $10,000,000 for university consortia for space technology. The Committee intends that in addition to supporting research, development, and demonstration, this activity will educate and train students for the future national security space workforce.

COMMERCIAL SPACE COMMUNICATIONS NETWORKS

The Committee supports efforts to leverage commercial space networks to create an "outernet" for future military communica-

tions and believes the Space Force should undertake activities to promote interoperability standards and use of commercial ground and cloud architectures to increase the integration of commercial space networks. Therefore, the Committee directs the Assistant Secretary of the Air Force for Space Acquisition and Integration to provide a briefing, not later than 90 days after the enactment of this Act, on specific policy, plans, and steps the Space Force intends to take to shift its architecture in a manner that fully promotes and embraces the future commercial space network.

### ARTIFICIAL INTELLIGENCE AND AUTONOMY FOR DATA ANALYTICS AND SENSOR SYSTEMS

The Committee is aware of advancements in artificial intelligence and autonomy that show promise to realize a new paradigm of automated, self-optimizing sensor systems that could enable more collaborative distributed space domain awareness systems. Such systems could provide resilience through infrastructure degradation and resolve ambiguities between sensor systems. Therefore, the recommendation includes an additional $5,000,000 for artificial intelligence and autonomy to develop and demonstrate a distributed autonomous sensor management system and a modular hosting system.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

| | |
|---|---|
| Fiscal year 2023 budget request | $32,077,552,000 |
| Committee recommendation | 32,599,153,000 |
| Change from budget request | +521,601,000 |

The Committee recommends an appropriation of $32,599,153,000 for Research, Development, Test and Evaluation, Defense-Wide which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | **DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH** | **11,584** | **15,584** | **4,000** |
| | Program increase - materials science in extreme environments | | 4,000 | |
| 2 | **DEFENSE RESEARCH SCIENCES** | **401,870** | **404,870** | **3,000** |
| | Program increase - advanced predictive analytics for supply chain risk management | | 3,000 | |
| 3 | **HIGH ENERGY LASER RESEARCH INITIATIVES** | **16,257** | **21,257** | **5,000** |
| | Program increase - high energy laser research | | 5,000 | |
| 4 | **BASIC RESEARCH INITIATIVES** | **62,386** | **68,686** | **6,300** |
| | Project increase - Central American open source research initiative and coalition | | 1,300 | |
| | Program increase - DEPSCOR | | 5,000 | |
| 5 | **BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE** | **80,874** | **80,874** | **0** |
| 6 | **NATIONAL DEFENSE EDUCATION PROGRAM** | **132,347** | **137,347** | **5,000** |
| | Program increase - SMART diversification activities | | 2,000 | |
| | Program increase - manufacturing engineering education program (MEEP) | | 3,000 | |
| 7 | **HISTORICALLY BLACK COLLEGES & UNIVERSITIES (HBCU) AND MINORITY-SERVING INSTITUTIONS** | **33,288** | **100,500** | **67,212** |
| | Project increase - integrated research and training in artificial intelligence and machine learning for ROTC students | | 500 | |
| | Program increase | | 66,712 | |
| 8 | **CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM** | **34,734** | **34,734** | **0** |
| 9 | **JOINT MUNITIONS TECHNOLOGY** | **18,961** | **22,961** | **4,000** |
| | Project increase - next generation explosives and propellants | | 2,000 | |
| | Program increase - energetics investment, machine learning and AI | | 2,000 | |
| 10 | **BIOMEDICAL TECHNOLOGY** | **106,958** | **106,958** | **0** |
| 12 | **PROMOTION AND PROTECTION STRATEGIES** | **3,275** | **3,275** | **0** |
| 14 | **DEFENSE TECHNOLOGY INNOVATION (BEYOND 5G)** | **20,634** | **19,067** | **-1,567** |
| | Insufficient justification | | -1,567 | |
| 15 | **LINCOLN LABORATORY RESEARCH PROGRAM** | **46,159** | **46,159** | **0** |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 16 | APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES | 67,666 | 67,666 | 0 |
| 17 | INFORMATION AND COMMUNICATIONS TECHNOLOGY | 388,270 | 388,270 | 0 |
| 18 | BIOLOGICAL WARFARE DEFENSE | 23,059 | 23,059 | 0 |
| 19 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 256,197 | 244,637 | -11,560 |
| | Poor justification | | -11,560 | |
| 20 | CYBER SECURITY RESEARCH | 17,264 | 27,264 | 10,000 |
| | Program increase - academic cyber institutes | | 10,000 | |
| 21 | SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY | 4,000 | 4,000 | 0 |
| 22 | TACTICAL TECHNOLOGY | 221,883 | 208,383 | -13,500 |
| | Program reduction | | -13,500 | |
| 23 | MATERIALS AND BIOLOGICAL TECHNOLOGY | 352,976 | 340,476 | -12,500 |
| | Reduce growth | | -12,500 | |
| 24 | ELECTRONICS TECHNOLOGY | 557,745 | 557,745 | 0 |
| 25 | COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH | 192,162 | 192,162 | 0 |
| 26 | SOFTWARE ENGINEERING INSTITUTE | 11,030 | 11,030 | 0 |
| 27 | HIGH ENERGY LASER RESEARCH | 48,587 | 48,587 | 0 |
| 28 | SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT | 49,174 | 53,674 | 4,500 |
| | Program increase - signature management improvements (SUAS) | | 4,500 | |
| 29 | JOINT MUNITIONS ADVANCED TECHNOLOGY | 34,065 | 34,065 | 0 |
| 30 | SO/LIC ADVANCED DEVELOPMENT | 4,919 | 4,919 | 0 |
| 31 | COMBATING TERRORISM TECHNOLOGY SUPPORT | 72,614 | 145,114 | 72,500 |
| | Program increase - anti-tunneling | | 47,500 | |
| | Program increase - cooperative C-UAS development | | 25,000 | |
| 32 | FOREIGN COMPARATIVE TESTING | 26,802 | 26,802 | 0 |
| 34 | COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT | 395,721 | 395,721 | 0 |
| 35 | ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT | 6,505 | 6,505 | 0 |
| 36 | ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT | 16,737 | 16,737 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 37 | ADVANCED RESEARCH | 22,023 | 45,323 | 23,300 |
| | Program increase - sounding rocket vehicle high speed testbed technology | | 10,000 | |
| | Program increase - hypersonic interceptor component technology | | 4,300 | |
| | Program increase - laser weapons optics tech risk mitigation | | 4,000 | |
| | Program increase - benzoxazine for high-mach system thermal protection | | 5,000 | |
| 38 | JOINT HYPERSONICS TECHNOLOGY DEVELOPMENT & TRANSITION | 52,156 | 57,156 | 5,000 |
| | Program increase - university research | | 5,000 | |
| 39 | JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT | 18,898 | 18,898 | 0 |
| 40 | ADVANCED AEROSPACE SYSTEMS | 253,135 | 241,015 | -12,120 |
| | Reduce growth | | -12,120 | |
| 41 | SPACE PROGRAMS AND TECHNOLOGY | 81,888 | 74,388 | -7,500 |
| | Program reduction | | -7,500 | |
| 42 | ANALYTIC ASSESSMENTS | 24,052 | 24,052 | 0 |
| 43 | ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS | 53,890 | 53,890 | 0 |
| 46 | DEFENSE MODERNIZATION AND PROTOTYPING | 141,561 | 132,805 | -8,756 |
| | Excess growth | | -8,756 | |
| 47 | DEFENSE INNOVATION UNIT (DIU) | 42,925 | 47,925 | 5,000 |
| | Program increase - small craft electric propulsion | | 5,000 | |
| 48 | TECHNOLOGY INNOVATION | 109,535 | 72,535 | -37,000 |
| | Inadequate justification | | -37,000 | |
| 49 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT | 238,407 | 228,262 | -10,145 |
| | Poor justification | | -10,145 | |
| 50 | RETRACT LARCH | 79,493 | 79,493 | 0 |
| 51 | JOINT ELECTRONIC ADVANCED TECHNOLOGY | 19,218 | 19,218 | 0 |
| 52 | JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS | 114,100 | 114,100 | 0 |
| 53 | NETWORKED COMMUNICATIONS CAPABILITIES | 3,168 | 3,168 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 54 | DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM | 256,142 | 322,342 | 66,200 |
| | Project increase - scalable comprehensive workforce readiness initiatives in bioindustrial manufacturing that lead to regional bioeconomic transformation and growth | | 5,000 | |
| | Program increase - advanced materials and materials manufacturing processes | | 6,000 | |
| | Program increase - difficult-to-copy manufacturing | | 7,000 | |
| | Program increase - advanced composites for hypersonics aided by digital engineering | | 5,000 | |
| | Program increase - hypersonic enabling manufacturing | | 12,000 | |
| | Program increase - additive manufacturing training | | 5,200 | |
| | Program increase - direct ink writing of advanced thermoset materials | | 5,000 | |
| | Program increase - additive manufacturing sustainability | | 10,000 | |
| | Program increase - automated manufacturing technologies for very high temperature composite | | 5,000 | |
| | Program increase - flexible hybrid electronics | | 6,000 | |
| 55 | MANUFACTURING TECHNOLOGY PROGRAM | 46,166 | 59,166 | 13,000 |
| | Program increase - steel performance initiative | | 10,000 | |
| | Program increase - AI-based market research system | | 3,000 | |
| 56 | GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS | 13,663 | 13,663 | 0 |
| 57 | STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM | 58,411 | 88,411 | 30,000 |
| | Program increase - PFAS remediation and disposal technology | | 15,000 | |
| | Program increase - AFFF replacement, disposal, and cleanup technology | | 15,000 | |
| 58 | MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT | 139,833 | 139,833 | 0 |
| 59 | JOINT WARFIGHTING PROGRAM | 2,411 | 2,411 | 0 |
| 60 | ADVANCED ELECTRONICS TECHNOLOGIES | 250,917 | 250,917 | 0 |
| 61 | COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS | 305,050 | 298,050 | -7,000 |
| | Reduce growth | | -7,000 | |
| 62 | NETWORK-CENTRIC WARFARE TECHNOLOGY | 678,562 | 669,062 | -9,500 |
| | Program reduction | | -9,500 | |
| 63 | SENSOR TECHNOLOGY | 314,502 | 308,442 | -6,060 |
| | Reduce growth | | -6,060 | |
| 64 | DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT | 201 | 201 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 65 | SOFTWARE ENGINEERING INSTITUTE | 13,417 | 13,417 | 0 |
| 66 | HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM | 111,149 | 111,149 | 0 |
| 67 | TEST & EVALUATION SCIENCE & TECHNOLOGY | 315,090 | 329,490 | 14,400 |
| | Program increase - enhanced hypersonic testing capabilities | | 14,400 | |
| 68 | NATIONAL SECURITY INNOVATION NETWORK | 22,028 | 34,268 | 12,240 |
| | Project increase - secure email access | | 1,240 | |
| | Program increase - DoD mission acceleration centers | | 10,000 | |
| | Program increase - adaptive threat force cyber cell | | 1,000 | |
| 69 | OPERATIONAL ENERGY CAPABILITY IMPROVEMENT | 180,170 | 186,290 | 6,120 |
| | Excess growth | | -10,880 | |
| | Program increase - TRISO advanced fuel | | 10,000 | |
| | Program increase - power and thermal management subsystem technologies for high energy laser activities | | 7,000 | |
| 72 | SOF ADVANCED TECHNOLOGY DEVELOPMENT | 118,877 | 127,477 | 8,600 |
| | Excess to need - engineering analysis | | -8,400 | |
| | Program increase - C-130J autonomous capabilities | | 7,000 | |
| | Program increase - identity management | | 10,000 | |
| 74 | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT | 41,507 | 41,507 | 0 |
| 75 | WALKOFF | 133,795 | 133,795 | 0 |
| 76 | ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM | 84,638 | 104,638 | 20,000 |
| | Program increase - PFAS remediation and disposal | | 15,000 | |
| | Program increase - AFFF replacement, disposal, and cleanup technology | | 5,000 | |
| 77 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT | 190,216 | 190,216 | 0 |
| 78 | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT | 667,524 | 667,524 | 0 |
| 79 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAMS - DEM / VAL | 291,364 | 252,010 | -39,354 |
| | Poor justification | | -39,354 | |
| 80 | BALLISTIC MISSILE DEFENSE SENSORS | 231,134 | 231,134 | 0 |
| 81 | BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS | 591,847 | 591,847 | 0 |
| 82 | SPECIAL PROGRAMS - MDA | 316,977 | 316,977 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 83 | AEGIS BMD | 600,072 | 606,072 | 6,000 |
| | Program increase - lightweight telescope for advanced AEGIS interceptor | | 6,000 | |
| 84 | BALLISTIC MISSILE DEFENSE C2BMC | 589,374 | 589,374 | 0 |
| 85 | BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT | 50,269 | 50,269 | 0 |
| 86 | MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC) | 49,367 | 49,367 | 0 |
| 87 | REGARDING TRENCH | 12,146 | 12,146 | 0 |
| 88 | SEA BASED X-BAND RADAR (SBX) | 164,668 | 159,962 | -4,706 |
| | Excess XBR operations and support costs | | -4,706 | |
| 89 | ISRAELI COOPERATIVE PROGRAMS | 300,000 | 300,000 | 0 |
| 90 | BMD TESTS | 367,824 | 367,824 | 0 |
| 91 | BMD TARGETS | 559,513 | 559,513 | 0 |
| 92 | COALITION WARFARE | 11,154 | 11,154 | 0 |
| 93 | NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G) | 249,591 | 249,591 | 0 |
| 94 | DEPARTMENT OF DEFENSE CORROSION PROGRAM | 3,166 | 3,166 | 0 |
| 95 | GUAM DEFENSE DEVELOPMENT | 397,936 | 374,262 | -23,674 |
| | Early to need | | -23,674 | |
| 97 | CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - MIP | 33,950 | 33,950 | 0 |
| 99 | HYPERSONIC DEFENSE | 225,477 | 225,477 | 0 |
| 100 | ADVANCED INNOVATIVE TECHNOLOGIES | 1,145,358 | 1,095,108 | -50,250 |
| | Reduce growth | | -57,250 | |
| | Program increase - pele mobile nuclear microreactor | | 7,000 | |
| 101 | TRUSTED & ASSURED MICROELECTRONICS | 647,226 | 700,226 | 53,000 |
| | Program increase - radiation-hardened fully-depleted silicon-on-insulator microelectronics | | 25,000 | |
| | Program increase - GaN and GaAs RFIC technology | | 25,000 | |
| | Program increase - magnetoresistive random-access memory (MRAM) | | 3,000 | |
| 102 | RAPID PROTOTYPING PROGRAM | 179,189 | 161,199 | -17,990 |
| | Excess growth RDER | | -17,990 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 103 | DEFENSE INNOVATION UNIT (DIU) PROTOTYPING | 24,402 | 24,402 | 0 |
| 104 | DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT | 2,691 | 2,691 | 0 |
| 105 | CATAPULT | 7,130 | 7,130 | 0 |
| 106 | OPERATIONAL ENERGY CAPABILITY IMPROVEMENT - NON S&T | 45,779 | 45,779 | 0 |
| 108 | WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) | 3,229 | 3,229 | 0 |
| 109 | JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY | 40,699 | 35,699 | -5,000 |
| | Excess to need | | -5,000 | |
| 110 | LONG RANGE DISCRIMINATION RADAR | 75,120 | 75,120 | 0 |
| 111 | IMPROVED HOMELAND DEFENSE INTERCEPTORS | 1,833,357 | 1,833,357 | 0 |
| 112 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST | 69,762 | 69,762 | 0 |
| 113 | AEGIS BMD TEST | 182,776 | 175,619 | -7,157 |
| | Excess growth | | -7,157 | |
| 114 | BALLISTIC MISSILE DEFENSE SENSORS TEST | 88,326 | 88,326 | 0 |
| 115 | LAND-BASED SM-3 (LBSM3) | 27,678 | 27,678 | 0 |
| 116 | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST | 84,075 | 84,075 | 0 |
| 117 | SAFETY PROGRAM MANAGEMENT | 2,417 | 2,417 | 0 |
| 118 | ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS | 2,664 | 2,664 | 0 |
| 120 | CYBER SECURITY INITIATIVE | 1,165 | 1,165 | 0 |
| 123 | BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS | 129,957 | 129,957 | 0 |
| 124 | CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - DEM / VAL ACTIVITIES | 273,340 | 223,340 | -50,000 |
| | Excess to need | | -50,000 | |
| 125 | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT | 6,482 | 6,482 | 0 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 127 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - EMD | 312,148 | 309,073 | -3,075 |
| Poor justification | | -3,075 | |
| 128 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) | 9,120 | 9,120 | 0 |
| 129 COUNTER WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES | 14,403 | 14,403 | 0 |
| 130 INFORMATION TECHNOLOGY DEVELOPMENT | 1,244 | 1,244 | 0 |
| 131 HOMELAND PERSONNEL SECURITY INITIATIVE | 6,191 | 6,191 | 0 |
| 132 DEFENSE EXPORTABILITY PROGRAM | 10,145 | 10,145 | 0 |
| 133 OUSD(C) IT DEVELOPMENT INITIATIVES | 5,938 | 5,938 | 0 |
| 136 DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM | 23,171 | 23,171 | 0 |
| 137 MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS) | 14,093 | 14,093 | 0 |
| 138 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES | 6,949 | 6,949 | 0 |
| 139 TRUSTED & ASSURED MICROELECTRONICS | 302,963 | 302,963 | 0 |
| 140 NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS | 3,758 | 3,758 | 0 |
| 141 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM) | 8,121 | 8,121 | 0 |
| 142 CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION | 16,048 | 16,048 | 0 |
| 143 JOINT CAPABILITY EXPERIMENTATION | 12,452 | 12,452 | 0 |
| 144 DEFENSE READINESS REPORTING SYSTEM (DRRS) | 8,902 | 8,902 | 0 |
| 145 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT | 6,610 | 6,610 | 0 |
| 146 CENTRAL TEST & EVAL INVESTMENT DEVELOPMENT | 819,358 | 928,808 | 109,450 |
| Unjustified growth | | -40,950 | |
| Program increase - hypersonic test facility modular assemblies | | 100,000 | |
| Program increase - modeling and simulation of hypersonic test facilities | | 10,300 | |
| Program increase - hypersonic test facilities | | 30,000 | |
| Program increase - hypersonic ground testing capability | | 10,100 | |
| 147 ASSESSMENTS AND EVALUATIONS | 4,607 | 4,607 | 0 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 148 MISSION SUPPORT | 86,869 | 86,869 | 0 |
| 149 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC) | 126,079 | 126,079 | 0 |
| 150 JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO) | 53,278 | 53,278 | 0 |
| 151 CLASSIFIED PROGRAM USD(P)<br>Classified adjustment | 0 | 160,935<br>160,935 | 160,935 |
| 152 SYSTEMS ENGINEERING | 39,009 | 39,009 | 0 |
| 153 STUDIES AND ANALYSIS SUPPORT | 5,716 | 5,716 | 0 |
| 154 NUCLEAR MATTERS - PHYSICAL SECURITY | 15,379 | 15,379 | 0 |
| 155 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION | 9,449 | 9,449 | 0 |
| 156 GENERAL SUPPORT TO USD (INTELLIGENCE) | 6,112 | 6,112 | 0 |
| 157 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM<br>Poor justification | 124,475 | 122,232<br>-2,243 | -2,243 |
| 165 SMALL BUSINESS INNOVATION RESEARCH (SBIR)/SMALL BUSINESS TECHNOLOGY TRANSFER | 3,820 | 3,820 | 0 |
| 166 MAINTAINING TECHNOLOGY ADVANTAGE<br>Excess growth | 35,414 | 33,082<br>-2,332 | -2,332 |
| 167 DEFENSE TECHNOLOGY ANALYSIS | 56,114 | 56,114 | 0 |
| 168 DEFENSE TECHNICAL INFORMATION CENTER (DTIC) | 63,184 | 63,184 | 0 |
| 169 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION | 23,757 | 23,757 | 0 |
| 170 DEVELOPMENT TEST AND EVALUATION | 26,652 | 26,652 | 0 |
| 171 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT) | 14,636 | 14,636 | 0 |
| 172 MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION CENTER (DTIC) | 3,518 | 3,518 | 0 |
| 173 BUDGET AND PROGRAM ASSESSMENTS<br>Program reduction | 15,244 | 14,176<br>-1,068 | -1,068 |
| 174 ANALYSIS WORKING GROUP (AWG) SUPPORT<br>Program reduction | 4,700 | 0<br>-4,700 | -4,700 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 175 | CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES | 13,132 | 13,132 | 0 |
| 176 | ODNA TECHNOLOGY AND RESOURCE ANALYSIS | 3,323 | 3,323 | 0 |
| 177 | DEFENSE SCIENCE BOARD | 2,532 | 2,500 | -32 |
| | DSB new start baseline | | -32 | |
| 179 | CYBER RESILIENCY AND CYBERSECURITY POLICY | 32,306 | 32,306 | 0 |
| 180 | MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT | 12,354 | 8,236 | -4,118 |
| | Unjustified growth | | -4,118 | |
| 181 | DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) | 3,034 | 3,034 | 0 |
| 182 | JOINT STAFF ANALYTICAL SUPPORT | 4,332 | 3,058 | -1,274 |
| | Unjustified growth | | -1,274 | |
| 183 | C4I INTEROPERABILITY | 69,698 | 69,698 | 0 |
| 189 | COMBINED ADVANCED APPLICATIONS | 16,171 | 16,171 | 0 |
| 191 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 3,072 | 3,072 | 0 |
| 192 | COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION | 37,852 | 33,861 | -3,991 |
| | Poor justification | | -3,991 | |
| 193 | DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI) | 716 | 716 | 0 |
| 194 | MANAGEMENT HEADQUARTERS - MDA | 25,259 | 25,259 | 0 |
| 195 | JOINT SERVICE PROVIDER (JSP) | 3,141 | 3,141 | 0 |
| 999 | CLASSIFIED PROGRAMS | 37,841 | 37,841 | 0 |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 200 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT | 588,094 | 715,294 | 127,200 |
| Project increase - systems engineering technology (SET) apprenticeship and internship program | | 1,200 | |
| Project increase - partnerships for manufacturing training innovation | | 7,000 | |
| Program increase - on-shore advanced microelectronic packaging for strategic mission enablement | | 40,000 | |
| Program increase - career and technical education pilot | | 10,000 | |
| Program increase - accelerated training in defense manufacturing (ATDM) | | 5,000 | |
| Program increase - digital engineering enabled workforce development | | 7,000 | |
| Program increase - digital design and engineering demonstration | | 5,500 | |
| Program increase - digital thread manufacturing demonstration | | 8,000 | |
| Program increase - advanced electrochromic manufacturing program | | 5,000 | |
| Program increase - hybrid manufacturing for lightweight defense components | | 5,000 | |
| Program increase - advanced design and engineering capabilities for small businesses | | 12,000 | |
| Program increase - automated integrated metrology | | 5,000 | |
| Program increase - resilient manufacturing ecosystem | | 5,000 | |
| Program increase - ruggedized transceivers for harsh environments | | 7,500 | |
| Program increase - advanced thermoplastics | | 4,000 | |
| 201 CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT | 15,427 | 15,427 | 0 |
| 202 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS | 8,317 | 8,317 | 0 |
| 203 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT) | 68,030 | 65,588 | -2,442 |
| Poor justification | | -2,442 | |
| 209 DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION | 19,145 | 19,145 | 0 |
| 210 LONG HAUL COMMUNICATIONS (DCS) | 13,195 | 13,195 | 0 |
| 211 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK | 5,746 | 5,746 | 0 |
| 212 KEY MANAGEMENT INFRASTRUCTURE (KMI) | 92,018 | 92,018 | 0 |
| 213 INFORMATION SYSTEMS SECURITY PROGRAM | 43,135 | 63,135 | 20,000 |
| Program increase - centers for academic excellence | | 20,000 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 214 INFORMATION SYSTEMS SECURITY PROGRAM | 593,831 | 617,831 | 24,000 |
| Program increase - cyber institutes at senior military colleges | | 24,000 | |
| 215 INFORMATION SYSTEMS SECURITY PROGRAM | 7,005 | 7,005 | 0 |
| 216 GLOBAL COMMAND AND CONTROL SYSTEM | 10,020 | 10,020 | 0 |
| 217 DEFENSE SPECTRUM ORGANIZATION | 19,708 | 19,708 | 0 |
| 221 FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY | 5,197 | 5,197 | 0 |
| 226 DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY INITIATIVE | 10,000 | 10,000 | 0 |
| 229 SECURITY AND INVESTIGATIVE ACTIVITIES | 450 | 450 | 0 |
| 230 INDUSTRIAL SECURITY ACTIVITIES | 1,800 | 1,800 | 0 |
| 233 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES | 4,622 | 19,622 | 15,000 |
| Program increase - joint cyber intelligence tool suite | | 15,000 | |
| 234 COMBINED ADVANCED APPLICATIONS | 49,380 | 49,380 | |
| 237 POLICY R&D PROGRAMS | 6,214 | 6,214 | 0 |
| 238 NET CENTRICITY | 17,917 | 17,917 | 0 |
| 240 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 6,095 | 6,095 | 0 |
| 246 INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS | 4,575 | 4,575 | 0 |
| 247 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT | 2,497 | 2,497 | 0 |
| 248 INSIDER THREAT | 9,403 | 12,403 | 3,000 |
| Program increase - insider threat pilot program | | 3,000 | |
| 249 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM | 1,864 | 1,864 | 0 |
| 257 LOGISTICS SUPPORT ACTIVITIES | 1,620 | 1,620 | 0 |
| 258 PACIFIC DISASTER CENTERS | 1,875 | 1,875 | 0 |
| 259 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM | 3,264 | 3,264 | 0 |
| 261 MQ-9 UAV | 14,000 | 19,840 | 5,840 |
| SOCOM requested transfer from OM,DW 1PL7 | | 5,840 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 263 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT | 179,499 | 179,499 | 0 |
| 264 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT | 75,136 | 75,136 | 0 |
| 265 SOF OPERATIONAL ENHANCEMENTS | 142,900 | 191,260 | 48,360 |
| Classified adjustment | | -3,250 | |
| Program increase - AISUM | | 25,000 | |
| Program increase - precision strike munition shipboard safety and certification testing UPL | | 8,610 | |
| Program increase - modular compact high energy laser | | 18,000 | |
| 266 WARRIOR SYSTEMS | 129,133 | 141,864 | 12,731 |
| Classified adjustment | | -7,996 | |
| Program increase - counter unmanned systems (CUxS) procurement acceleration UPL | | 5,400 | |
| Program increase - maritime scalable effects (MSE) electronic warfare system acceleration UPL | | 2,397 | |
| Program increase - mobile CUAS solutions | | 3,000 | |
| Program increase - ground organic precision strike systems loitering munitions UPL | | 9,930 | |
| 267 SPECIAL PROGRAMS | 518 | 518 | 0 |
| 268 UNMANNED ISR | 3,354 | 3,354 | 0 |
| 269 SOF TACTICAL VEHICLES | 13,594 | 13,594 | 0 |
| 270 SOF MARITIME SYSTEMS | 82,645 | 119,645 | 37,000 |
| Program increase - dry combat submersible (DCS) next acceleration UPL | | 30,000 | |
| Program increase - diver propulsion | | 7,000 | |
| 272 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE | 7,583 | 12,583 | 5,000 |
| Program increase - graphitic composite and graphitic carbon foam | | 5,000 | |
| 273 TELEPORT PROGRAM | 1,270 | 1,270 | 0 |
| 274 NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM | 132,524 | 132,524 | 0 |
| 275 ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM | 17,123 | 17,123 | 0 |
| 276 ACCELERATE THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES (APFIT) | 100,000 | 0 | -100,000 |
| Transfer to P,DW line 48, major equipment, OSD | | -100,000 | |
| 276 GLOBAL COMMAND AND CONTROL SYSTEM | 34,987 | 34,987 | 0 |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 282 | NATIONAL INDUSTRIAL SECURITY SYSTEMS (NISS) - SOFTWARE PILOT PROGRAM | 14,749 | 14,749 | 0 |
| 999 | CLASSIFIED PROGRAMS - SOFTWARE PILOT PROGRAM | 265,028 | 265,028 | 0 |
| 999 | CLASSIFIED PROGRAMS | 7,854,604 | 7,823,931 | -30,673 |
| | Classified adjustment | | -30,673 | |

STRATEGIC NATIONAL STOCKPILE OF ACTIVE PHARMACEUTICAL INGREDIENTS

The Committee remains concerned about vulnerabilities in America's reliance on foreign-sourced supplies of active pharmaceutical ingredients and their chemical components, and more generally, the nation's reliance on off-shore drug production. The Committee continues to encourage the Secretary of Defense, the Director of the Defense Advanced Research Projects Agency, and the Director of the Biomedical Advanced Research and Development Authority to cooperatively research areas of mutual interest to address public health vulnerabilities, secure a national stockpile of life-saving drugs, and address vulnerability points for the military. Therefore, the Committee directs the Director of the Defense Advanced Research Projects Agency to brief the House and Senate Appropriations Committees, not later than 120 days after the enactment of this Act, on the status of these efforts, actions taken to date, and plans for future collaborations.

CLEAN ENERGY TECHNOLOGY

The Department of Defense is the largest consumer of energy in the United States. The Committee encourages the Director of the Defense Innovation Unit to emphasize investments in clean energy technologies that show promise to significantly reduce the Department's greenhouse gas emissions and reliance on fossil fuels.

NATIONAL CENTERS OF ACADEMIC EXCELLENCE IN CYBERSECURITY

Of the funding provided for the National Centers of Academic Excellence (CAE), a portion is to be used to sustain and administer the program, if needed. If funding permits, an expansion into middle and high schools should be considered. Not later than 60 days after the enactment of this Act, the Committee directs the Secretary of Defense to provide a delineation of the program costs for the current fiscal year for the CAE program to include both the cost of administration and the estimated future costs to begin expansion into certain middle and high schools.

HISTORICALLY BLACK COLLEGES AND UNIVERSITIES SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS RESEARCH CENTERS OF EXCELLENCE

The Committee believes the Department of Defense faces challenges recruiting and retaining a workforce skilled in science, technology, engineering, and mathematics (STEM). While this is a nationwide concern, the Committee supports Department of Defense efforts to grow the STEM workforce pipeline and would like to see increased partnership with Hispanic Serving Institutions, Historically Black Colleges and Universities (HBCUs), and other Minority Serving Institutions (MSIs) to build a pipeline for scientists and engineers to enter the STEM workforce upon graduation. The Committee encourages the Under Secretary of Defense for Research and Engineering to work in partnership with HBCUs/MSIs to establish additional centers of excellence aligned to the National Defense Strategy and Research and Engineering STEM priorities.

MANUFACTURING OF ADVANCED COMPOSITES FOR HYPERSONICS AIDED BY DIGITAL ENGINEERING

The Committee supports the Department of Defense's investment in hypersonic flight systems and notes that manufacturing for high-temperature composite parts suitable for hypersonic vehicles maybe become more efficient and less expensive by leveraging modern digital engineering techniques. Therefore, the Committee supports manufacturing of advanced composites for hypersonics aided by digital engineering and encourages exploration of this technology across the Department of Defense.

ADDITIVE AND ADVANCED MANUFACTURING COORDINATION EFFORTS

The Committee recognizes the importance of additive and advanced manufacturing as a disruptive technology, as well as the benefits of addressing supply chain challenges with solutions from the organic industrial base. The Committee directs the Under Secretary of Defense for Research and Engineering to provide a briefing to the congressional defense committees not later than 180 days after the enactment of this Act, on existing coordination efforts related to additive and advanced manufacturing across the Department, to include coordination on resources and investments; and recommendations to enhance coordinating efforts in future years.

MATERIALS SCIENCE IN EXTREME ENVIRONMENTS

The Committee continues to support the Defense Threat Reduction Agency's Materials Science in Extreme Environments program, which expands research, education, and technology development efforts to counter weapons of mass destruction, and encourages the Secretary of Defense to continue to invest in this important program.

OFFICE OF THE INSPECTOR GENERAL AUDITS AND REPORTS

The Committee directs the Office of the Inspector General at the Department of Defense to conduct audits into cost overruns at the Air Force Office of Energy, Installations, and Environment. The Inspector General shall submit an initial report of findings to the congressional defense committees and post the report on the website of the Department of Defense not later than 180 days after the enactment of this Act.

In addition, the Office of the Inspector General is directed to submit a report on covered contractors' compliance with the prohibition on advertising contained in 10 U.S.C. 3744(a)(8). Compliance should be reported on an individual basis for each covered contractor, and the report shall be posted on the Inspector General's website.

OFFICE OF INDUSTRIAL POLICY—CAREER AND TECHNICAL EDUCATION PILOT PROGRAM

The Committee recognizes the need to increase student enrollment in relevant Career and Technical Education (CTE), Pre-Apprenticeship, and Apprenticeship programs to address labor shortages in the defense manufacturing sector. The Committee rec-

ommendation includes $10,000,000 in Industrial Base Analysis and Sustainment for a pilot program to promote awareness and enhancement of CTE programs and career pathways in middle schools, high schools, trade schools, technical schools, community colleges, and four-year colleges and universities by funding activities that may, but need not only, complement resources made available to Perkins, Pre-Apprenticeship, or Apprenticeship grant recipients specializing in fields relevant to the defense sector. The Deputy Assistant Secretary for Industrial Policy is directed to provide a briefing to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the continuing priorities for this pilot program.

CARBON CAPTURE TECHNOLOGIES

To meet the climate challenge, the committee recommends the Department continue to develop technologies that capture carbon dioxide from seawater and air to turn such carbon dioxide into clean fuels to enhance fuel and energy security; to develop and demonstrate technologies that capture carbon dioxide from seawater and air to reuse such carbon dioxide to create products for military uses; to develop direct air capture technologies for use at military installations or facilities of the Department; or in modes of transportation for use by the Army or Navy.

HUMAN PERFORMANCE OPTIMIZATION

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

MOBILE MICRO-REACTOR

The Committee supports the Strategic Capabilities Office's (SCO) Project Pele to develop and demonstrate a prototype transportable nuclear power source with the expectation that the capability will be transitioned to the Services for production. The Committee believes that maintaining plans and schedule for the current effort to demonstrate a prototype micro-reactor should be its top priority. In addition, the Committee encourages SCO to support the design maturation efforts of multiple sources for the mobile micro-nuclear reactor to ensure a strong industrial base and competition for any future follow-on production activities. Therefore, the Committee directs the Director, SCO, to provide the House and Senate Appropriations Committees a briefing, not later than August 15, 2022, with an update on cost and schedule to keep the current effort to develop a prototype on track and to provide cost and goals of a proposed plan to resource the design completion of a viable second source for the micro-reactor.

RELIANCE ON CHINESE PLASTICS

The People's Republic of China remains the world's largest producer of plastics, which are necessary in the production of critical materials for national security and defense purposes. The Committee encourages the Department of Defense to lessen its dependency on Chinese plastic suppliers and transition to domestic materials, including hemp, when applicable. Further, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act outlining the Department's efforts to increase domestic sourcing of these materials.

CYBERSECURITY INNOVATION

The Committee is aware that the Defense Innovation Unit (DIU) is looking at emerging technologies to improve the security of the Internet of Things and end point devices. The Committee supports DIU's mission to accelerate innovation in the commercially focused technology sector. Near peer adversaries are challenging the United States across several dimensions to include cyber warfare. The Committee is concerned that adversaries are at par or ahead of the United States in critical cyber technology areas, including the threat to the Internet of Things and end point devices. The Committee encourages DIU to make investments in innovative commercial solutions to improve cybersecurity of end point devices against these threats.

## OPERATIONAL TEST AND EVALUATION, DEFENSE

| | |
|---|---|
| Fiscal year 2023 budget request | $277,194,000 |
| Committee recommendation | 277,194,000 |
| Change from budget request | – – – |

The Committee recommends an appropriation of $277,194,000 for Operational Test and Evaluation, Defense which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| OPERATIONAL TEST AND EVALUATION | 119,529 | 119,529 | – – – |
| LIVE FIRE TESTING | 99,947 | 99,947 | – – – |
| OPERATIONAL TEST ACTIVITIES AND ANALYSIS | 57,718 | 57,718 | – – – |
| TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE | 277,194 | 277,194 | – – – |

# TITLE V

## REVOLVING AND MANAGEMENT FUNDS

## DEFENSE WORKING CAPITAL FUNDS

| | |
|---|---|
| Fiscal year 2023 budget request | $1,329,895,000 |
| Committee recommendation | 1,329,895,000 |
| Change from budget request | – – – |

The Committee recommends an appropriation of $1,329,895,000 for the Defense Working Capital Funds accounts which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| WORKING CAPITAL FUND, ARMY | 29,937 | 29,937 | 0 |
| WORKING CAPITAL FUND, AIR FORCE | 80,448 | 80,448 | 0 |
| WORKING CAPITAL FUND, DEFENSE–WIDE | 8,302 | 8,302 | 0 |
| DEFENSE WORKING CAPITAL FUND, DECA | 1,211,208 | 1,211,208 | 0 |
| TOTAL, DEFENSE WORKING CAPITAL FUNDS | 1,329,895 | 1,329,895 | 0 |

# TITLE VI

## OTHER DEPARTMENT OF DEFENSE PROGRAMS

### DEFENSE HEALTH PROGRAM

| | |
|---|---|
| Fiscal year 2023 budget request | $36,932,174,000 |
| Committee recommendation | 38,072,432,000 |
| Change from budget request | +1,140,258,000 |

The Committee recommends an appropriation of $38,072,432,000 for the Defense Health Program which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| OPERATION AND MAINTENANCE | | | |
| IN-HOUSE CARE | 9,906,943 | 9,864,958 | -41,985 |
| Unjustified growth | | -15,108 | |
| Baseline adjustment | | -16,795 | |
| Medical care contracts excess growth | | -25,082 | |
| Program increase - telehealth for military children and families | | 15,000 | |
| PRIVATE SECTOR CARE | 18,455,209 | 18,342,836 | -112,373 |
| Unjustified growth | | -74,524 | |
| Baseline adjustment | | -37,849 | |
| CONSOLIDATED HEALTH SUPPORT | 1,916,366 | 1,899,949 | -16,417 |
| Unjustified growth | | -40,417 | |
| Program increase - therapeutic service dog training program | | 15,000 | |
| Program increase - outdoor recreation and education activities | | 5,000 | |
| Program increase - armed forces medical examiner DNA testing to support POW/MIA efforts | | 4,000 | |
| INFORMATION MANAGEMENT | 2,251,151 | 2,243,677 | -7,474 |
| Unjustified growth | | -3,362 | |
| DMIX reduction | | -4,112 | |
| MANAGEMENT ACTIVITIES | 338,678 | 338,678 | 0 |
| EDUCATION AND TRAINING | 334,845 | 342,345 | 7,500 |
| Program increase - specialized medical pilot program | | 2,500 | |
| Program increase - Uniformed Services University of the Health Sciences fetal alcohol spectrum disorders prevention and clinical guidelines research | | 5,000 | |
| BASE OPERATIONS AND COMMUNICATIONS | 2,111,558 | 2,108,900 | -2,658 |
| Excess growth | | -2,658 | |
| TOTAL, OPERATION AND MAINTENANCE | 35,314,750 | 35,141,343 | -173,407 |
| PROCUREMENT | | | |
| TOTAL, PROCUREMENT | 570,074 | 570,074 | 0 |
| RESEARCH AND DEVELOPMENT | | | |
| Program increase - optimizing military health and performance | | 7,000 | |
| Program increase - vector borne health protection | | 5,000 | |
| Program increase - brain injury and disease prevention research | | 65,000 | |
| Program increase - individual occupational and environmental exposure monitoring | | 10,000 | |
| Program increase - Uniformed Services University of the Health Sciences multi-domain operations | | 30,000 | |
| Program increase - clinical research | | 30,000 | |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| Program increase - telemedicine and advanced technology research center | | 2,000 | |
| Program increase - joint civilian-medical surge facility | | 19,640 | |
| Program increase - syndromic surveillance for emerging biothreats | | 4,500 | |
| Program increase - human performance optimization | | 10,000 | |
| Program increase - global noncommunicable disease interventions | | 10,000 | |
| 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 autism research | | 15,000 | |
| Peer-reviewed bone marrow failure disease research | | 7,500 | |
| Peer-reviewed breast cancer research | | 150,000 | |
| Peer-reviewed cancer research | | 130,000 | |
| Peer-reviewed Duchenne muscular dystrophy research | | 10,000 | |
| Peer-reviewed hearing restoration research | | 5,000 | |
| Peer-reviewed kidney cancer research | | 50,000 | |
| Peer-reviewed lung cancer research | | 25,000 | |
| Peer-reviewed lupus research | | 10,000 | |
| Peer-reviewed melanoma research | | 40,000 | |
| Peer-reviewed military burn research | | 10,000 | |
| Peer-reviewed multiple sclerosis research | | 20,000 | |
| Peer-reviewed Neurofibromatosis research | | 25,000 | |
| Peer-reviewed orthopedic research | | 30,000 | |
| Peer-reviewed ovarian cancer research | | 45,000 | |
| Peer-reviewed pancreatic cancer research | | 15,000 | |
| Peer-reviewed Parkinson's research | | 16,000 | |
| Peer-reviewed prostate cancer research | | 110,000 | |
| Peer-reviewed rare cancers research | | 17,500 | |
| Peer-reviewed reconstructive transplant research | | 12,000 | |
| Peer-reviewed spinal cord research | | 40,000 | |
| Peer-reviewed tickborne disease research | | 7,000 | |
| Peer-reviewed toxic exposures research | | 30,000 | |
| Peer-reviewed traumatic brain injury and psychological health research | | 175,000 | |
| Peer-reviewed tuberous sclerosis complex research | | 8,000 | |
| Peer-reviewed vision research | | 20,000 | |
| Global HIV/AIDS prevention | | 12,000 | |
| HIV/AIDS program increase | | 20,000 | |
| Joint warfighter medical research | | 20,000 | |
| Trauma clinical research program | | 5,000 | |
| Combat readiness medical research | | 5,000 | |
| **TOTAL, RESEARCH AND DEVELOPMENT** | **909,994** | **2,247,134** | **1,337,140** |
| **SOFTWARE & TECHNOLOGY PILOT PROGRAMS** | **137,356** | **113,881** | **-23,475** |
| DoD Medical Information Exchange and Interoperability (DMIX) / Enterprise Intelligence and Data Solutions (EIDS) excess growth | | -23,475 | |

REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

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

The Committee directs the Secretary of Defense to provide written notification to the congressional defense committees of cumulative transfers in excess of $10,000,000 out of the Private Sector Care budget sub-activity not later than fifteen days after such a transfer. Furthermore, the Committee directs the Secretary of Defense 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.

The Committee further directs the Assistant Secretary of Defense for Health Affairs to provide quarterly briefings to the congressional defense committees on budget execution data for all 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 should also be provided to the Government Accountability Office.

CARRYOVER

For fiscal year 2023, the Committee recommends one percent carryover authority for the operation and maintenance account of the Defense Health Program. The Committee directs the Assistant Secretary of Defense for Health Affairs to submit a detailed spending plan for any fiscal year 2022 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 Committee recommends $150,000,000 for the peer-reviewed breast cancer research program, $110,000,000 for the peer-reviewed prostate cancer research program, $45,000,000 for the peer-reviewed ovarian cancer research program, $50,000,000 for the peer-reviewed kidney cancer research program, $25,000,000 for the peer-reviewed lung cancer research program, $15,000,000 for the peer-reviewed pancreatic cancer research program, $17,500,000 for the peer-reviewed rare cancer research program, and $130,000,000 for the peer-reviewed cancer research program that would research cancers not addressed in the aforementioned programs currently executed by the Department of Defense.

The funds provided in the peer-reviewed cancer research program are directed to be used to conduct research in the following areas: bladder cancer; blood cancers; brain cancer; colorectal cancer; endometrial cancer; esophageal cancer; germ cell cancers; head and neck cancer; liver cancer; lymphoma; mesothelioma; metastatic cancers; myeloma; neuroblastoma; pediatric brain tumors; pediatric, adolescent, and young adult cancers; sarcoma; stomach cancer; thyroid cancer; and Von Hippel-Lindau syndrome malignancies (excluding cancers of the kidney and pancreas). The inclusion of the individual rare cancer research program shall not prohibit the peer-reviewed cancer research program from funding the previously mentioned cancers or cancer subtypes that may be rare by definition.

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

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

JOINT WARFIGHTER MEDICAL RESEARCH PROGRAM

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

each project's research, and the benefit the research will provide to the Department of Defense.

COMBAT READINESS MEDICAL RESEARCH PROGRAM

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

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

The funding in the Combat Readiness Medical Research program should be used for research and development of rapidly deployable, all-in-one acute and chronic wound care therapy engineered to address complex trauma and start tissue regeneration; freeze dried plasma and platelets; portable neurological devices in support of mild traumatic brain injury assessment; hand-held detection devices for traumatic brain injury; head trauma injury; ruggedized oxygen generation systems; medical simulation technology; sleep disorders; eating disorders; Myalgic Encephalomyelitis/Chronic Fatigue Syndrome; regenerative medicine; sarcoidosis; complementary health measures to accelerate return to duty; highly infectious disease treatment and transport; preventing and relieving service-related arthritis; telemedicine; Valley Fever; and infectious diseases.

ELECTRONIC HEALTH RECORDS

The Committee continues to support the efforts that the Department of Defense and the Department of Veterans Affairs are undertaking with regard to electronic health records and the health record system. It is the Committee's ongoing expectation that the Departments' electronic health record systems must be completely and meaningfully interoperable with seamless compatibility.

One of the determining factors setting the timeline for deployment of the electronic health record is the need to improve informational technology and related infrastructure at military medical facilities. The Committee 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 on the status of the installation of all remaining information technology and related infrastructure required to complete the deployment of the electronic health record system, including the timeline to complete installation, and costs associated if the Department accelerated the deployment timeline.

The Committee continues to direct 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. It is expected that the Program Executive Officer of Defense Healthcare Management Systems (PEO DHMS) will facilitate quar-

terly performance reviews by providing the Comptroller General with regular and in-depth access to the program.

Additionally, the Committee directs the Director of the Interagency Program Office (IPO) to continue to provide quarterly reports on the progress of interoperability between the two Departments to the House and Senate Defense Appropriations Subcommittees and the House and Senate Military Construction, Veterans Affairs, and Related Agencies Appropriations Subcommittees. The PEO DHMS, in conjunction with the Director of the IPO and the Director of the Defense Health Agency, is directed to provide quarterly reports to the congressional defense committees on the cost of the program, including indirect costs being 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 Committee directs the PEO DHMS to continue briefing the House and Senate Defense Appropriations Subcommittees on a quarterly basis, coinciding with the report submission.

PEER-REVIEWED TOXIC EXPOSURES RESEARCH PROGRAM

The Committee is concerned by the number of known and unknown toxins that servicemembers are exposed to as part of their military service. Since 2006, the Peer-Reviewed Gulf War Illness Research Program has received congressionally directed funding to study the health impacts of deployment of warfighters during the 1990–1991 Persian Gulf War. The Committee remains committed to veterans affected by Gulf War Illness, and also acknowledges that there is commonality with this community and others exposed to substances that result in multiple, diverse symptoms and health abnormalities. Those exposed to burn pits are included in this category. Therefore, the Committee recommends $30,000,000 for the peer-reviewed toxic exposures research program. The Assistant Secretary of Defense for Health Affairs is directed to select research projects of clear scientific merit and direct relevance to military exposures to toxic substances, including toxic industrial chemicals, materials, metals, and minerals. The inclusion of the toxic exposures research program shallnot prohibit research in any other congressionally directed research program that may be associated with conditions or health abnormalities linked to toxic exposures.

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

COST AND BENEFITS OF MILITARY HEALTH SYSTEM TRANSFORMATION

The Committee remains concerned with the implementation of medical reforms mandated by the National Defense Authorization Act for Fiscal Year 2017. The reforms represent the most significant changes to the Military Health System (MHS) in decades, and the Committee believes it is critical to implement the reforms in

such a way that minimizes risk for servicemembers and beneficiaries.

The Committee has closely followed reform implementation efforts, to include management of the military treatment facilities transitioning from the Services to the Defense Health Agency; descoping military treatment facilities; and the Department's evaluation that fewer military medical providers in non-combat critical specialties may be required.

Many assumptions regarding the return on investment from the MHS reforms have been challenged. The ongoing questions and concerns are multifaceted. First, the reforms should not hinder readiness levels or benefits. Second, ensuring that servicemembers and eligible beneficiaries can easily access quality health care is crucial. Third, as private sector care continues to rise, and as more beneficiaries are pushed away from Military Treatment Facilities and into the national markets, the Department of Defense may have less control over costs. The Department does not currently have an objective baseline from which to provide the costs or savings of the MHS reform efforts. Therefore, the Committee directs the Assistant Secretary of Defense for Health Affairs to submit a report to the congressional defense committees, not later than 180 days after the enactment of this Act, providing the baseline funding of the MHS prior to the implementation of the major MHS reform initiatives of fiscal year 2017. This report shall include a retroactive categorization of assumed costs and savings assumed by the reforms; the timeframe to achieve such costs or savings; a description of any assumption of non-monetary return-on-investment; and a prospective cost estimate for the future years defense program related to the MHS reforms, broken out by category and fiscal year.

MILITARY MEDICAL MANPOWER

In response to the reforms mandated by the National Defense Authorization Act for Fiscal Year 2017, the fiscal year 2020 President's Budget included a proposal to decrease military medical billets to allow Services to increase the number of operational billets needed for lethality. Since then, Congress has raised concerns about the assumptions behind the reductions and the ability of the Department to meet its obligations to servicemembers and beneficiaries for access to quality healthcare services. Reductions in military medical billets would have major ramifications throughout the Military Health System, yet leaders across the Department have been unable to articulate the consequences of these reductions.

The Committee notes that after further review of several factors, including national defense scenarios and the response to the COVID–19 pandemic, the number of billets the Services seek to eliminate from fiscal year 2023 through fiscal year 2025 has been modified and reduced. No funding was requested in the fiscal year 2023 President's Budget Request for the mitigation of reductions to military medical billets. Each of the Services have presented a plan to reduce billets over the coming years, leaving the Defense Health Agency with the responsibility of backfilling those lost positions with civilian or contracted medical support. The Committee remains concerned about servicemember readiness and beneficiary

care and is troubled that the Services' desire to shed billets is out of balance with survivability requirements in a potential conflict with a near-peer adversary and the obligation to beneficiaries of the military health system. Therefore, the Committee directs the Services' Surgeons General to submit vacancy rates by occupational code to the congressional defense committees on a monthly basis, with the first report being submitted not later than 60 days after the enactment of this Act.

Additionally, the Director, Defense Health Agency shall submit to the congressional defense committees not later than 120 days after the enactment of this Act, a detailed staffing plan, by market, location and type of civilian or contract personnel required, along with a categorization of effort the Defense Health Agency will undergo in recruiting and hiring in those locations for those specific providers. Furthermore, Director of the Defense Health Agency is directed to submit to the congressional defense committees on a quarterly basis, with the first report being submitted the quarter following enactment of this Act, vacancy rates among military and civilian medical personnel by location and specialty.

MEDICAL RESEARCH

Beginning in fiscal year 2023, most medical research that had been under Army's Research, Development, Test and Evaluation accounts are scheduled to move to the Defense Health Program. The Committee notes that through careful negotiations between leaders in the Army and Health Affairs, the Army has retained two Service-specific labs in the fiscal year 2023 budget request: the U.S. Army Aeromedical Research Laboratory and the U.S. Army Medical Research Institute of Environmental Medicine. The Committee supports this decision in the fiscal year 2023 recommendation.

The Committee will watch the transition of medical research assets and funding closely in the coming years to ensure that core medical research funding is responsive to the needs of our servicemembers. Additionally, the Committee recommendation for fiscal year 2023 includes $1,144,000,000 for the Congressionally Directed Medical Research Programs (CDMRP) to fund high-risk, high-reward medical research that impacts our warfighters and Department of Defense beneficiaries. The CDMRP has historically been managed by the Army through the Medical Research and Development Command. The Committee directs the Assistant Secretary of Defense for Health Affairs to submit, to the House and Senate Appropriations Committees, a request for prior approval for any changes in management structure; functional alignment; or two-tiered, peer-reviewed process proposed for the CDMRP program, not less than 30 days prior to any proposed changes taking place.

BRAIN INJURY AND DISEASE PREVENTION RESEARCH

The Committee is supportive of ongoing research and development efforts focused on the increased risk of certain conditions after a servicemember experiences traumatic brain injury. The Committee is aware of research into the relationship between traumatic brain injury and neurodegenerative diseases, such as chronic traumatic encephalopathy (CTE) and Parkinson's disease, and rec-

ommends $65,000,000 aimed at halting the neurodegenerative processes that follow traumatic brain injury. Servicemembers that have experienced traumatic brain injury are at risk for developing CTE and other neurodegenerative diseases associated with significant persistent behavioral and neurologic manifestations. Additional resources will accelerate work in this area and will add to the resources that the Department provides in its core budget for such efforts.

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

The Committee continues to be concerned with the fracturing of the Military Health System and that not enough attention has been paid to the medical capabilities and capacity required for the homeland defense mission. To address these gaps, Congress provided an additional $30,000,000 over fiscal years 2021 and 2022 to accelerate a pilot program on civilian and military partnerships to enhance interoperability and medical surge capability and capacity of the National Disaster Medical System (NDMS). Additionally, the Committee's fiscal year 2023 recommendation includes $19,640,000 for the Department of Defense to continue development of a joint civilian-military modular surge capacity and capability to include an additional training function in partnership with the NDMS. This type of modular medical surge and training capacity should be adjacent to existing medical facilities and should include laboratories, intensive care units, and x-rays, and should leverage staff and services available in the adjacent medical facility. The medical surge and training capacity should allow for research and development of best practices for preparedness and response and include transportable clinical response functionality. Funding should be used to initiate facility requirements, including transportable clinical functionality, procurement of needed equipment and supplies, and development and implementation of a full complement of training curriculum and functionality necessary to activate or scale the surge capacity.

MOBILE APPLICATION TO ENABLE PERIODIC HEALTH ASSESSMENTS FOR RESERVISTS

The Committee understands that adoption of a mobile application developed by the Department of Defense's Telemedicine and Advanced Technology Research Center (TATRC), piloted in several states by the National Guard, has resulted in enhanced medical readiness. The Committee recommends an increase of $2,000,000 for TATRC to expand implementation of a mobile application that would enable Reservists to complete the Periodic Health Assessment on a smartphone, tablet, computer, or other handheld mobile device and connect directly with providers. The Committee recommends that the Assistant Secretary of Defense for Health Affairs coordinate with the Chief of the Navy Reserve, Chief of the Army Reserve, and the Chief of the Air Force Reserve to implement this effort and ensure full compliance with Department of Defense cybersecurity protocols.

HEALTH AND WELLNESS OUTCOMES FOR MILITARY FAMILIES THROUGH OUTDOOR RECREATION AND EDUCATION

The Committee recognizes the wellness and health benefits of organized outdoor recreation and education activities for servicemembers and military families. Intentional, structured outdoor recreation and engagement activities offer a host of benefits, including positive health and behavioral outcomes for participants. The Committee includes $5,000,000 above the request and directs the Assistant Secretary of Defense for Health Affairs to establish an outdoor recreation wellness program for military families in conjunction with vetted non-governmental partners and using a progression of immersive experiences on national parks, public lands, and waterways.

MENTAL HEALTH PROFESSIONALS AND TRAINING

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

The Committee notes that the shortage of behavioral health professionals is not limited to the military health system. It is a nationwide dilemma. Servicemembers, veterans, and their families face unique mental health challenges, and mental health services are not solely accessed within the military health system. While professionals working in the military health system are accustomed to dealing with the special needs of those who have experienced combat, many civilian providers lack the clinical expertise to effectively treat many of these unique mental health conditions. The Committee encourages the Assistant Secretary of Defense for Health Affairs to leverage the Uniformed Services University of the Health Sciences, in collaboration with leaders at the Department of Veterans Affairs, to develop a curriculum that could be accessed by civilian mental health students to broaden their knowledge, skills, and abilities that are necessary to evaluate and treat service members, veterans, and military family members.

Additionally, the Committee notes that mental health training and services vary across the world. The Committee encourages the

Assistant Secretary of Defense for Health Affairs to explore options for providing training and equipment for effective short- and long-term post-traumatic stress disorder treatment to military medical practitioners in partner nations, including Ukraine.

NON-URGENT MENTAL HEALTH ASSESSMENTS

The Committee directs the Director of the Defense Health Agency (DHA) to provide a briefing to the congressional defense committees not later than 90 days after the enactment of this Act on the progress made to implement the recommendations of the August 2020 Department of Defense Inspector General Evaluation of Access to Mental Health Care in the Department of Defense. In particular, the Committee is interested in the DHA's progress in developing a standard definition and required elements for an initial non-urgent mental health assessment and a way to track whether the assessment is completed, in either a primary care or a specialty mental health clinic, within the 7-day standard. The briefing shall also include resource requirements that may be necessary to accomplish implementation of the Inspector General's recommendations.

ADVANCED ORTHOPEDIC SURGICAL TRAINING FOR MILITARY ORTHOPEDIC SURGEONS

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

NEURAL-ENABLED PROSTHETICS

The Committee understands the uniqueness of traumatic injuries and neurological diseases sustained by servicemembers in combat. Extramural research focused on accelerating functional recovery and rehabilitation of sensorimotor function that is also personalized to the needs of the patient would be valuable to injured servicemembers and their caregivers. The Committee is aware of the promising technology of wirelessly activated implantable biomedical technologies capable of focal stimulation inside nerves and encourages the Assistant Secretary of Defense for Health Affairs to explore research into such technologies to offset the effects of limb amputation, orthopedic injury and disease, and other neurodegenerative diseases.

LONG COVID AND MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME

The Committee urges the Secretary of Defense, in conjunction with the Service Surgeons General, to address research projects related to diagnostic testing, cures, and treatments for post-viral illness, specifically Long COVID and myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS). The Committee recommends that the Assistant Secretary of Defense for Health Affairs conduct research on Long COVID and ME/CFS with a focus on issues related to military populations.

MILITARY DIRECT CARE PROVIDER EDUCATION ON EATING DISORDERS

The Committee understands that servicemembers, particularly active duty servicewomen, and their families are disproportionately affected by the serious mental illness of eating disorders, threatening their health and combat readiness. Medical and behavioral health professionals in the military health systems should be trained, consistent with generally accepted standards of care, on how to screen, intervene, and refer patients to treatment. The Committee directs the Assistant Secretary of Defense for Health Affairs, in collaboration with the Services' Surgeons General, to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act, on related education and training activities undertaken by direct care providers, the use of generally accepted standards of care and screenings of servicemembers, and any barriers to implementing a standard, mandatory training for providers seeing patients suffering from eating disorders.

METASTATIC CANCER RESEARCH

Research has revealed that there is a genetic basis for susceptibility to metastatic cancer or resistance to metastasis, but more research and data are required to develop a comprehensive understanding of this complex process. Clinical trials are an important aspect of that progress, and a diverse representation of patients in clinical trials is integral to the development of medications and therapies that effectively treat disease. The Committee encourages the Director of the Congressionally Directed Medical Research Program to continue to partner with outside experts and other federal agencies to implement the outstanding recommendation from the April 2018 Task Force Report to Congress on Metastatic Cancer concerning diverse enrollment in clinical trials. The Committee also encourages the Assistant Secretary of Defense for Health Affairs to implement the recommendations to inform patients about risk factors for metastasis (such as compliance, obesity, smoking, and alcohol use), increase cancer patient awareness of healthcare resources, and create standardized survivorship care plans for patients with metastatic cancer while validating whether their use improves outcomes for these patients. The Committee is interested in areas where assistance from other federal agencies is required to fully implement the recommendations of the Task Force's report. In addition to the report required by the Department of Defense Appropriations Act, 2022, the Committee directs the Assistant Secretary

of Defense for Health Affairs to provide an updated report, not later than 90 days after the enactment of this Act, to the House and Senate Appropriations Committees on the progress of implementing the recommendations, including an identification of any barriers to implementation and further recommendations to improve diverse research opportunities for metastatic cancer research for congressional consideration.

NATIONAL INTREPID CENTER OF EXCELLENCE

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

ACCESS TO INFERTILITY TREATMENT

The Committee acknowledges infertility is a widespread problem, affecting both men and women of diverse ages, races, ethnicities, and genders, and the Committee notes the difficulty servicemembers may face in receiving infertility treatment while on active duty. The Committee urges the Secretary of Defense to prioritize expansion fertility procedures accessible to servicemembers. The Committee also encourages waivers to be considered for servicemembers undergoing infertility treatment, including waivers for "time trying" requirements, particularly for dual-military couples with co-location constraints.

IMPROVING COMBAT READINESS AND WARFIGHTER HEALTH

The Committee is aware that health research and clinical practice do not take sex-based differences into account consistently. It is of crucial importance to address sex-based differences in the immune system to provide optimal disease prevention, treatment, and management for all servicemembers. The Committee encourages the Assistant Secretary of Defense for Health Affairs and the Director of the Congressionally Directed Medical Research Program to explore the improvement of combat readiness and long-term health of the warfighter by understanding sex-based differences in the immune system.

TRANSITION OF MILITARY HEALTH SYSTEM TO THE DEFENSE HEALTH AGENCY

The Committee is dismayed by what appears to be a deprioritization of healthcare programs that had been included in

Service core budgets in previous years. With the transition of resources and management of health care services from the Military Departments to the Defense Health Agency (DHA), the Committee is concerned that, in many cases, investments that the Services had made to best serve their soldiers, sailors, airmen, marines, guardians, and their families, may not transfer to DHA and may be terminated without executing option years with little explanation. If there were successful programs in the Services, there should be good justification for why those programs would not continue at DHA. As such, in order to increase oversight of these decisions and subsequent funding implications, the Assistant Secretary of Defense for Health Affairs, along with the Director of the DHA and Service Secretaries, shall submit a report to the congressional defense committees not later than 60 days after the enactment of this Act detailing the factors that are being used to evaluate medical and health contracts that had been funded within the Services for fiscal years 2021 and/or fiscal year 2022 to determine whether such contracts should be retained.

MULTIFACTOR APPROACHES IN POST-TRAUMATIC STRESS DISORDER TREATMENT

The Committee continues to support the peer-reviewed traumatic brain injury and psychological health research program. The Committee is aware of the use of novel combinatorial forms of intervention, including multi factor approaches that incorporate dietary intervention and non-invasive brain stimulation, to treat psychological health, post-traumatic stress disorder, and other stress-related disorders. The Assistant Secretary of Defense for Health Affairs is encouraged to explore these interventions and further study genetic markers that may impact treatment efficacy.

RAPID DEPLOYABLE SYNTHETIC VACCINE DEVELOPMENT

The Committee notes the significant advancements in vaccine development and the need to rapidly distribute countermeasures to combat infectious diseases and virus variants when required for the protection of military personnel worldwide. The Committee encourages the Commander, Army Medical Research and Development Command, and the Assistant Secretary of Defense for Health Affairs to research the development of low cost, single dose, highly scalable synthetic peptide vaccines that allow for rapid deployment to military personnel against COVID–19, new virus variants, and infectious disease threats.

BIOREPOSITORY DIVERSITY

The Committee is encouraged by efforts within Defense Health Program (DHP), including health research programs, to better understand chronic diseases through biorepositories which store and catalogue used medical tissues for scientific understanding. Collecting and cataloging samples from a diverse population allows both the civilian medical community and DHP to perform research into health disparities in those populations and advance health equity. Therefore, the Committee urges the Secretary of Defense to expand funding opportunities to increase the number of samples

from a diverse population and, where possible, form cooperative partnerships with established civilian research efforts into bio-repositories for diseases from diverse populations.

## CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

| | |
|---|---|
| Fiscal year 2023 budget request | $1,059,818,000 |
| Committee recommendation | 1,059,818,000 |
| Change from budget request | – – – |

The Committee recommends an appropriation of $1,059,818,000 for Chemical Agents and Munitions Destruction, Defense which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| OPERATION AND MAINTENANCE | 84,612 | 84,612 | 0 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION | 975,206 | 975,206 | 0 |
| TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE | 1,059,818 | 1,059,818 | 0 |

## DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES, DEFENSE

| | |
|---|---|
| Fiscal year 2023 budget request | $855,728,000 |
| Committee recommendation | 878,027,000 |
| Change from budget request | ±22,299,000 |

The Committee recommends an appropriation of $878,027,000 for Drug Interdiction and Counter-Drug Activities, Defense which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| COUNTER-NARCOTICS SUPPORT | 619,474 | 547,878 | −71,596 |
| Transfer to National Guard Counter-Drug Program | | −40,343 | |
| Undistributed reduction | | −6,300 | |
| Program decrease: Project 1387 | | −6,644 | |
| Program decrease: Project 5111 | | −2,669 | |
| Reduce duplicative efforts | | −15,640 | |
| DRUG DEMAND REDUCTION PROGRAM | 130,060 | 130,060 | 0 |
| NATIONAL GUARD COUNTER-DRUG PROGRAM 100,316 | 100,316 | 194,211 | 93,895 |
| Transfer from Counter-Narcotics Support | | 40,343 | |
| Program increase | | 53,552 | |
| NATIONAL GUARD COUNTER-DRUG SCHOOLS | 5,878 | 5,878 | 0 |
| TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE | 855,728 | 878,027 | 22,299 |

The Committee recommendation includes $547,878,000 for Counter-Narcotics Support, which supports the counternarcotics activities of United States Northern Command and United States Southern Command, including the operations of the Joint Interagency Task Force South.

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

The Secretary of Defense is directed to provide quarterly reports to the House and Senate Appropriations Committees on the use and status of funds provided under this heading, including information for each project as identified in the Project Definitions (PB 47) budget exhibit of the fiscal year 2023 budget justification materials and other documentation supporting the fiscal year 2023 budget request. The report shall be submitted in unclassified form but may be accompanied by a classified annex.

## OFFICE OF THE INSPECTOR GENERAL

| | |
|---|---|
| Fiscal year 2023 budget request | $479,359,000 |
| Committee recommendation | $479,359,000 |
| Change from budget request | – – – |

The Committee recommends an appropriation of $479,359,000 for the Office of the Inspector General which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| OPERATION AND MAINTENANCE | 475,971 | 475,971 | 0 |
| PROCUREMENT | 1,524 | 1,524 | 0 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION | 1,864 | 1,864 | 0 |
| TOTAL, OFFICE OF THE INSPECTOR GENERAL | 479,359 | 479,359 | 0 |

### COUNTER-ISIS TRAIN AND EQUIP FUND REVIEW

The Committee directs the Inspector General to review Department of Defense measures in place to ensure funds appropriated under the heading Counter-ISIS Train and Equip Fund reach their intended recipients and other measures to prevent waste, fraud, and abuse, and to submit a report and recommendations to the congressional defense committees not later than 90 days after the enactment of this Act.

# TITLE VII

## RELATED AGENCIES

## NATIONAL AND MILITARY INTELLIGENCE PROGRAMS

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

### CLASSIFIED ANNEX

Adjustments to classified programs are addressed in a separate, detailed, and comprehensive classified annex. The Intelligence Community, the Department of Defense, and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the Department of Defense Appropriations Act, 2023.

## CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

| | |
|---|---|
| Fiscal year 2023 budget request | $514,000,000 |
| Committee recommendation | 514,000,000 |
| Change from budget request | – – – |

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

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

## INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

| | |
|---|---|
| Fiscal year 2023 budget request | $635,000,000 |
| Committee recommendation | 578,705,000 |
| Change from budget request | – 56,295,000 |

The Committee recommends an appropriation of $578,705,000 for the Intelligence Community Management Account.

## TITLE VIII

## GENERAL PROVISIONS

Title VIII of the accompanying bill includes 149 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 has been amended and provides for the general transfer authority of funds to other military functions.

Section 8006 has been amended and 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 has been amended and 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 has been amended and stipulates that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations.

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

Section 8014 prohibits compensation from being paid to any member of the Army who is participating as a full-time student and who receives benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment.

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

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

Section 8017 provides that no funds made available in this Act shall be used for the support of any non-appropriated funds 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 is new and provides the minimum wage for certain employees.

Section 8025 has been amended and provides funding for the Civil Air Patrol Corporation.

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

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 is amended and 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 plate 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 has been amended and 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 has been amended and provides for a waiver of "Buy American" provisions for certain cooperative programs.

Section 8037 has been amended and 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 has been amended and 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 is new and authorizes the Central Intelligence Agency to protect its domestic facilities from unmanned aircraft systems.

Section 8045 places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8046 has been amended and places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

(RESCISSIONS)

Section 8047 has been amended and provides for the rescission of $716,375,000 from the following programs:

| | |
|---|---|
| 2021 Appropriations: | |
| Aircraft Procurement, Army: | |
| ARL SEMA MODS | 7,300,000 |
| Other Procurement, Army: | |
| Joint Information Environment | 3,177,000 |
| Aircraft Procurement, Air Force: | |
| H–60 | 8,500,000 |
| KC–46A MDAP | 40,600,000 |

| | |
|---|---|
| 2022 Appropriations: | |
| Operation and Maintenance, Defense-Wide: | |
| DSCA Security Cooperation | 75,000,000 |
| DSCA Coalition Support Funds | 25,000,000 |
| DSCA Border Security | 75,000,000 |
| Counter-ISIS Train and Equip Fund: | |
| Counter-ISIS Train and Equip Fund | 100,000,000 |
| Aircraft Procurement, Army: | |
| ARL SEMA MODS | 9,437,000 |
| Other Procurement, Army: | |
| Joint Effects Targeting System | 51,896,000 |
| Contract Writing System | 12,671,000 |
| Building, Pre-Fab, Relocatable | 6,977,000 |
| Weapons Procurement, Navy: | |
| Drones and Decoys | 30,321,000 |
| Aircraft Procurement, Air Force: | |
| E–3 | 30,000,000 |
| H–60 | 2,000,000 |
| KC–46A MDAP | 32,000,000 |
| Research, Development, Test and Evaluation, Army: | |
| Information Technology Development | 26,700,000 |
| Research, Development, Test and Evaluation, Air Force: | |
| Advanced Technology and Sensors (C–ABSAA) | 9,104,000 |
| AWACS | 20,000,000 |
| Battlefield Airborne Communication Node (BACN) | 26,292,000 |
| HC/MC–130 Recap | 30,000,000 |
| HH–60W Combat Rescue Helicopter | 14,400,000 |
| Stand-in Attack Weapon | 50,000,000 |
| No-Year Appropriations: | |
| Defense Working Capital Funds: | |
| Defense Counterintelligence and Security Agency Working Capital Fund | 30,000,000 |

Section 8048 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 8049 prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8050 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 8051 prohibits the transfer of Department of Defense and Central Intelligence Agency drug interdiction and counter-drug activities funds to other agencies.

Section 8052 provides funding for Red Cross and United Services Organization grants.

Section 8053 provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Section 8054 prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Section 8055 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 8056 provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Section 8057 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8058 has been amended and provides funding for Sexual Assault Prevention and Response Programs.

Section 8059 has been amended and 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 8060 prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Section 8061 provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Section 8062 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 8063 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8064 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 8065 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 8066 has been amended and 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 8067 prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

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 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 8070 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 8071 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 8072 requires notification for the rapid acquisition and deployment of supplies and associated support services.

Section 8073 provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8074 has been amended and provides for the funding of prior year shipbuilding cost increases.

Section 8075 has been amended and provides that funds made available in this Act for intelligence activities are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947 until the enactment of the Intelligence Authorization Act for the current fiscal year.

Section 8076 prohibits funding from being used to initiate a new start program without prior written notification.

Section 8077 provides that the budget of the President for the subsequent fiscal year shall include separate budget justification documents for costs of the United States Armed Forces' participation in contingency operations.

Section 8078 prohibits funding from being used for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8079 makes funds available for transfer for the purposes of rapid acquisition and deployment of supplies and associated support services.

Section 8080 prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8081 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 8082 prohibits funding from being used to transfer program authority relating to current tactical unmanned aerial vehicles from the Army and requires the Army to retain responsibility for and operational control of the MQ–1C Unmanned Aerial Vehicle.

Section 8083 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 8084 provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Section 8085 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 8086 places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Section 8087 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 8088 provides that any agency receiving funds made available in this Act shall post on a public website any report required to be submitted to Congress with certain exceptions.

Section 8089 prohibits the use of funds for federal contracts in excess of $1,000,000 unless the contractor meets certain conditions.

Section 8090 provides funds for transfer to the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8091 prohibits the use of funds providing certain missile defense information to certain entities.

Section 8092 provides for the purchase of heavy and light armed vehicles for the physical security of personnel or for force protection purposes up to a limit of $450,000 per vehicle.

Section 8093 provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8094 has been amended and 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 8095 directs the Secretary of Defense to post grant awards on a public Web site in a searchable format.

Section 8096 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8097 places restrictions on transfer amounts available to pay salaries for non-Department of Defense personnel.

Section 8098 provides that operation and maintenance funds may be used for any purposes related to the National Defense Reserve Fleet.

Section 8099 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 8100 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 8101 has been amended and prohibits funds for the decommissioning of certain Littoral Combat Ships.

Section 8102 prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Section 8103 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8104 prohibits the use of funding for information technology systems that do not have pornographic content filters.

Section 8105 has been amended and makes funds available through the Office of Local Defense Community Cooperation for transfer to the Secretary of Education, to make grants to construct, renovate, repair, or expand elementary and secondary public schools on military installations.

Section 8106 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 8107 places restrictions on the use of funding for military parades.

Section 8108 has been amended and provides for the use of funds to modify up to six F–35 Joint Strike Fighters per variant to a test configuration.

Section 8109 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 8110 prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Section 8111 requires the Secretary of Defense to make a certification prior to the transfer of any element to the Space Force.

Section 8112 prohibits funds to establish a field operating agency of the Space Force.

Section 8113 provides authority to exceed working capital fund limitations.

Section 8114 has been amended and provides funds for agile development, test and evaluation, procurement, production and modification, and the operation and maintenance for certain software pilot programs.

Section 8115 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 8116 has been amended and provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Section 8117 requires notification of the receipt of contributions from foreign governments.

Section 8118 provides for the procurement of certain vehicles in the United States Central Command area.

Section 8119 is new and requires notification for the establishment of any overseas or foreign base.

Section 8120 is new and requires that the Secretary of Defense provide a report on any deployment of any United States Armed Forces personnel.

Section 8121 is new and requires the Chairman the Joint Chiefs to report on any unplanned activity or exercise.

Section 8122 prohibits funding from being used in contravention of the War Powers Resolution.

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

Section 8124 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 8125 has been amended and provides that nothing in this Act may be construed as authorizing the use of force against Iran and North Korea.

Section 8126 prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Section 8127 prohibits the use of funding under certain headings to procure or transfer man-portable air defense systems.

Section 8128 prohibits funding from being used in violation the Child Soldiers Prevention Act of 2008.

Section 8129 has been amended and prohibits funds for any member of the Taliban.

Section 8130 has been amended and provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Section 8131 has been amended and provides funding for International Security Cooperation Programs.

Section 8132 has been amended and provides funding to reimburse key cooperating nations for logistical, military, and other support.

Section 8133 provides funding to reimburse certain countries for border security.

Section 8134 provides security assistance to the Government of Jordan.

Section 8135 provides security assistance to the Ukraine.

Section 8136 prohibits funds from being used to enter into a contract with Rosoboronexport.

Section 8137 prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Section 8138 is new and prohibits funds to support military operations conducted by the Saudi-led coalition against the Houthis in the war in Yemen.

Section 8139 is new and prohibits funds to operate the detention facility at United States Naval Station, Guantanamo Bay, Cuba.

Section 8140 is new and allows for the transfer of funds for cyber activities.

Section 8141 is new and provides funding and the authority to address the issues at Red Hill Bulk Fuel Storage Facility.

Section 8142 is new and provides the Secretary of Defense the authority to expend funding to address the Red Hill Bulk Fuel Storage Facility issue.

Section 8143 is new and provides additional funding for pay for military personnel.

Section 8144 is new and prohibits funding from being used to reduce the availability of aircraft primarily in support of congressional travel.

Section 8145 is new and prohibits funds from being used to deny leave for health services.

Section 8146 prohibits the use of funds to be used to support any activity associated with the Wuhan Institute of Virology.

Section 8147 is new and prohibits funds for any work to be performed by EcoHealth Alliance, Inc. in China on research supported by the government of China.

Section 8148 is new and repeals the 2001 Authorization for Use of Military Force (P.L. 107–40) 240 days after the date of the enactment of this Act.

Section 8149 is new and repeals the Authorization for Use of Military Force Against Iraq Resolution of 2002 (Public Law 107–243).

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | MILITARY PERSONNEL, ARMY | | | |
| | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 5 | BASIC PAY | 8,689,619 | 8,689,619 | --- |
| 10 | RETIRED PAY ACCRUAL | 3,125,891 | 3,125,891 | --- |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 88,023 | 88,023 | --- |
| 25 | BASIC ALLOWANCE FOR HOUSING | 2,530,707 | 2,530,707 | --- |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 342,438 | 342,438 | --- |
| 35 | INCENTIVE PAYS | 103,111 | 103,111 | --- |
| 40 | SPECIAL PAYS | 368,226 | 368,226 | --- |
| 45 | ALLOWANCES | 187,440 | 187,440 | --- |
| 50 | SEPARATION PAY | 73,246 | 73,246 | --- |
| 55 | SOCIAL SECURITY TAX | 663,067 | 663,067 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 16,171,768 | 16,171,768 | --- |
| | ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 60 | BASIC PAY | 15,835,980 | 15,835,980 | --- |
| 65 | RETIRED PAY ACCRUAL | 5,719,856 | 5,719,856 | --- |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 258,147 | 258,147 | --- |
| 80 | BASIC ALLOWANCE FOR HOUSING | 5,367,592 | 5,367,592 | --- |
| 85 | INCENTIVE PAYS | 88,064 | 88,064 | --- |
| 90 | SPECIAL PAYS | 720,050 | 720,050 | --- |
| 95 | ALLOWANCES | 704,619 | 704,619 | --- |
| 100 | SEPARATION PAY | 291,756 | 291,756 | --- |
| 105 | SOCIAL SECURITY TAX | 1,211,452 | 1,211,452 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 30,197,516 | 30,197,516 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ACTIVITY 3: PAY AND ALLOWANCES OF CADETS | | | |
| 110 | ACADEMY CADETS | 101,808 | 101,808 | --- |
| | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 1,408,398 | 1,408,398 | --- |
| 120 | SUBSISTENCE-IN-KIND | 756,055 | 756,055 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 2,164,453 | 2,164,453 | --- |
| | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 125 | ACCESSION TRAVEL | 138,210 | 138,210 | --- |
| 130 | TRAINING TRAVEL | 172,155 | 172,155 | --- |
| 135 | OPERATIONAL TRAVEL | 476,368 | 476,368 | --- |
| 140 | ROTATIONAL TRAVEL | 678,677 | 678,677 | --- |
| 145 | SEPARATION TRAVEL | 225,192 | 225,192 | --- |
| 150 | TRAVEL OF ORGANIZED UNITS | 2,369 | 2,369 | --- |
| 155 | NON-TEMPORARY STORAGE | 8,744 | 8,744 | --- |
| 160 | TEMPORARY LODGING EXPENSE | 30,800 | 30,800 | --- |
| | TOTAL, BUDGET ACTIVITY 5 | 1,732,515 | 1,732,515 | --- |
| | ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 170 | APPREHENSION OF MILITARY DESERTERS | 130 | 130 | --- |
| 175 | INTEREST ON UNIFORMED SERVICES SAVINGS | 2,358 | 2,358 | --- |
| 180 | DEATH GRATUITIES | 49,200 | 49,200 | --- |
| 185 | UNEMPLOYMENT BENEFITS | 85,484 | 85,484 | --- |
| 195 | EDUCATION BENEFITS | 11 | 11 | --- |
| 200 | ADOPTION EXPENSES | 526 | 526 | --- |
| 210 | TRANSPORTATION SUBSIDY | 10,728 | 10,728 | --- |
| 215 | PARTIAL DISLOCATION ALLOWANCE | 98 | 98 | --- |
| 216 | SGLI EXTRA HAZARD PAYMENTS | 3,521 | 3,521 | --- |
| 217 | RESERVE OFFICERS TRAINING CORPS (ROTC) | 102,255 | 102,255 | --- |
| 218 | JUNIOR ROTC | 24,660 | 24,660 | --- |
| | TRAUMATIC INJURY PROTECTION COVERAGE (T-SGLI) | 500 | 500 | --- |
| | TOTAL, BUDGET ACTIVITY 6 | 279,471 | 279,471 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| LESS REIMBURSABLES | -342,276 | -342,276 | --- |
| UNDISTRIBUTED ADJUSTMENT | --- | -160,800 | -160,800 |
| TOTAL, TITLE I, MILITARY PERSONNEL, ARMY | 50,305,255 | 50,144,455 | -160,800 |
| HEALTH CARE CONTRIBUTION - OFFICERS | 535,933 | 535,933 | --- |
| HEALTH CARE CONTRIBUTION - ENLISTED | 2,158,238 | 2,158,238 | --- |
| TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375) | 2,694,171 | 2,694,171 | --- |
| TOTAL, MILITARY PERSONNEL, ARMY | 52,999,426 | 52,838,626 | -160,800 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | MILITARY PERSONNEL, NAVY | | | |
| | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 5 | BASIC PAY | 5,159,618 | 5,159,618 | --- |
| 10 | RETIRED PAY ACCRUAL | 1,896,069 | 1,896,069 | --- |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 66,077 | 66,077 | --- |
| 25 | BASIC ALLOWANCE FOR HOUSING | 1,762,103 | 1,762,103 | --- |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 197,763 | 197,763 | --- |
| 35 | INCENTIVE PAYS | 160,679 | 160,679 | --- |
| 40 | SPECIAL PAYS | 473,069 | 473,069 | --- |
| 45 | ALLOWANCES | 123,399 | 123,399 | --- |
| 50 | SEPARATION PAY | 58,370 | 58,370 | --- |
| 55 | SOCIAL SECURITY TAX | 393,882 | 393,882 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 10,291,029 | 10,291,029 | --- |
| | ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 60 | BASIC PAY | 11,631,449 | 11,631,449 | --- |
| 65 | RETIRED PAY ACCRUAL | 4,283,545 | 4,283,545 | --- |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 183,647 | 183,647 | --- |
| 80 | BASIC ALLOWANCE FOR HOUSING | 5,368,651 | 5,368,651 | --- |
| 85 | INCENTIVE PAYS | 118,029 | 118,029 | --- |
| 90 | SPECIAL PAYS | 1,085,609 | 1,085,609 | --- |
| 95 | ALLOWANCES | 546,816 | 546,816 | --- |
| 100 | SEPARATION PAY | 116,937 | 116,937 | --- |
| 105 | SOCIAL SECURITY TAX | 889,825 | 889,825 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 24,224,508 | 24,224,508 | --- |
| | ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN | | | |
| 110 | MIDSHIPMEN | 102,772 | 102,772 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 979,326 | 979,326 | --- |
| 120 | SUBSISTENCE-IN-KIND | 464,095 | 464,095 | --- |
| 121 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 5 | 5 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 1,443,426 | 1,443,426 | --- |
| | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 125 | ACCESSION TRAVEL | 96,540 | 96,540 | --- |
| 130 | TRAINING TRAVEL | 105,554 | 105,554 | --- |
| 135 | OPERATIONAL TRAVEL | 277,373 | 277,373 | --- |
| 140 | ROTATIONAL TRAVEL | 233,664 | 233,664 | --- |
| 145 | SEPARATION TRAVEL | 135,929 | 135,929 | --- |
| 150 | TRAVEL OF ORGANIZED UNITS | 30,867 | 30,867 | --- |
| 155 | NON-TEMPORARY STORAGE | 15,647 | 15,647 | --- |
| 160 | TEMPORARY LODGING EXPENSE | 20,926 | 20,926 | --- |
| | TOTAL, BUDGET ACTIVITY 5 | 916,500 | 916,500 | --- |
| | ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 170 | APPREHENSION OF MILITARY DESERTERS | 55 | 55 | --- |
| 175 | INTEREST ON UNIFORMED SERVICES SAVINGS | 664 | 664 | --- |
| 180 | DEATH GRATUITIES | 21,200 | 21,200 | --- |
| 185 | UNEMPLOYMENT BENEFITS | 38,528 | 38,528 | --- |
| 195 | EDUCATION BENEFITS | 543 | 543 | --- |
| 200 | ADOPTION EXPENSES | 126 | 126 | --- |
| 210 | TRANSPORTATION SUBSIDY | 3,168 | 3,168 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 215 | PARTIAL DISLOCATION ALLOWANCE | 16 | 16 | --- |
| 216 | SGLI EXTRA HAZARD PAYMENTS | 3,805 | 3,805 | --- |
| 217 | RESERVE OFFICERS TRAINING CORPS (ROTC) | 22,926 | 22,926 | --- |
| 218 | JUNIOR ROTC | 15,924 | 15,924 | --- |
| | TOTAL, BUDGET ACTIVITY 6 | 106,955 | 106,955 | --- |
| | LESS REIMBURSABLES | -455,964 | -455,964 | --- |
| | UNDISTRIBUTED ADJUSTMENT | --- | -385,189 | -385,189 |
| | TOTAL, TITLE I, MILITARY PERSONNEL, NAVY | 36,629,226 | 36,244,037 | -385,189 |
| 300 | HEALTH CARE CONTRIBUTION - OFFICERS | 328,907 | 328,907 | --- |
| 300 | HEALTH CARE CONTRIBUTION - ENLISTED | 1,657,214 | 1,657,214 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375) | 1,986,121 | 1,986,121 | --- |
| | TOTAL, MILITARY PERSONNEL, NAVY | 38,615,347 | 38,230,158 | -385,189 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | MILITARY PERSONNEL, MARINE CORPS | | | |
| | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 5 | BASIC PAY | 1,891,628 | 1,891,628 | --- |
| 10 | RETIRED PAY ACCRUAL | 696,947 | 696,947 | --- |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 30,075 | 30,075 | --- |
| 25 | BASIC ALLOWANCE FOR HOUSING | 619,108 | 619,108 | --- |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 75,580 | 75,580 | --- |
| 35 | INCENTIVE PAYS | 53,336 | 53,336 | --- |
| 40 | SPECIAL PAYS | 14,076 | 14,076 | --- |
| 45 | ALLOWANCES | 40,497 | 40,497 | --- |
| 50 | SEPARATION PAY | 20,244 | 20,244 | --- |
| 55 | SOCIAL SECURITY TAX | 140,210 | 140,210 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 3,581,701 | 3,581,701 | --- |
| | ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 60 | BASIC PAY | 5,548,684 | 5,548,684 | --- |
| 65 | RETIRED PAY ACCRUAL | 2,042,496 | 2,042,496 | --- |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 150,520 | 150,520 | --- |
| 80 | BASIC ALLOWANCE FOR HOUSING | 1,711,955 | 1,711,955 | --- |
| 85 | INCENTIVE PAYS | 8,881 | 8,881 | --- |
| 90 | SPECIAL PAYS | 213,348 | 213,348 | --- |
| 95 | ALLOWANCES | 307,453 | 307,453 | --- |
| 100 | SEPARATION PAY | 101,202 | 101,202 | --- |
| 105 | SOCIAL SECURITY TAX | 424,068 | 424,068 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 10,508,607 | 10,508,607 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 453,167 | 453,167 | --- |
| 120 | SUBSISTENCE-IN-KIND | 344,323 | 344,323 | --- |
| 121 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 10 | 10 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 797,500 | 797,500 | --- |
| | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 125 | ACCESSION TRAVEL | 49,648 | 49,648 | --- |
| 130 | TRAINING TRAVEL | 18,820 | 18,820 | --- |
| 135 | OPERATIONAL TRAVEL | 161,027 | 161,027 | --- |
| 140 | ROTATIONAL TRAVEL | 89,215 | 89,215 | --- |
| 145 | SEPARATION TRAVEL | 87,105 | 87,105 | --- |
| 150 | TRAVEL OF ORGANIZED UNITS | 1,116 | 1,116 | --- |
| 155 | NON-TEMPORARY STORAGE | 10,380 | 10,380 | --- |
| 160 | TEMPORARY LODGING EXPENSE | 2,180 | 2,180 | --- |
| | TOTAL, BUDGET ACTIVITY 5 | 419,491 | 419,491 | --- |
| | ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 170 | APPREHENSION OF MILITARY DESERTERS | 250 | 250 | --- |
| 175 | INTEREST ON UNIFORMED SERVICES SAVINGS | 126 | 126 | --- |
| 180 | DEATH GRATUITIES | 13,400 | 13,400 | --- |
| 185 | UNEMPLOYMENT BENEFITS | 31,089 | 31,089 | --- |
| 195 | EDUCATION BENEFITS | 1 | 1 | --- |
| 200 | ADOPTION EXPENSES | 70 | 70 | --- |
| 210 | TRANSPORTATION SUBSIDY | 1,529 | 1,529 | --- |
| 215 | PARTIAL DISLOCATION ALLOWANCE | 9 | 9 | --- |
| 216 | SGLI EXTRA HAZARD PAYMENTS | 2,319 | 2,319 | --- |
| 218 | JUNIOR ROTC | 3,999 | 3,999 | --- |
| | TOTAL, BUDGET ACTIVITY 6 | 52,792 | 52,792 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | LESS REIMBURSABLES | -30,023 | -30,023 | --- |
| | UNDISTRIBUTED ADJUSTMENT | --- | -99,296 | -99,296 |
| | TOTAL, TITLE I, MILITARY PERSONNEL, MARINE CORPS | 15,330,068 | 15,230,772 | -99,296 |
| 300 | HEALTH CARE CONTRIBUTION - OFFICERS | 126,511 | 126,511 | --- |
| 300 | HEALTH CARE CONTRIBUTION - ENLISTED | 900,862 | 900,862 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375) | 1,027,373 | 1,027,373 | --- |
| | TOTAL, MILITARY PERSONNEL, MARINE CORPS | 16,357,441 | 16,258,145 | -99,296 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | MILITARY PERSONNEL, AIR FORCE | | | |
| | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 5 | BASIC PAY | 5,811,078 | 5,811,078 | --- |
| 10 | RETIRED PAY ACCRUAL | 2,106,760 | 2,106,760 | --- |
| 11 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 70,764 | 70,764 | --- |
| 25 | BASIC ALLOWANCE FOR HOUSING | 1,737,650 | 1,737,650 | --- |
| 30 | BASIC ALLOWANCE FOR SUBSISTENCE | 220,818 | 220,818 | --- |
| 35 | INCENTIVE PAYS | 387,163 | 387,163 | --- |
| 40 | SPECIAL PAYS | 365,878 | 365,878 | --- |
| 45 | ALLOWANCES | 128,513 | 128,513 | --- |
| 50 | SEPARATION PAY | 42,327 | 42,327 | --- |
| 55 | SOCIAL SECURITY TAX | 443,862 | 443,862 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 11,314,813 | 11,314,813 | --- |
| | ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 60 | BASIC PAY | 10,868,244 | 10,868,244 | --- |
| 65 | RETIRED PAY ACCRUAL | 3,950,240 | 3,950,240 | --- |
| 66 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 149,927 | 149,927 | --- |
| 80 | BASIC ALLOWANCE FOR HOUSING | 4,482,320 | 4,482,320 | --- |
| 85 | INCENTIVE PAYS | 66,124 | 66,124 | --- |
| 90 | SPECIAL PAYS | 372,403 | 372,403 | --- |
| 95 | ALLOWANCES | 663,448 | 663,448 | --- |
| 100 | SEPARATION PAY | 98,310 | 98,310 | --- |
| 105 | SOCIAL SECURITY TAX | 831,420 | 831,420 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 21,482,436 | 21,482,436 | --- |
| | ACTIVITY 3: PAY AND ALLOWANCES OF CADETS | | | |
| 110 | ACADEMY CADETS | 90,350 | 90,350 | --- |
| | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 115 | BASIC ALLOWANCE FOR SUBSISTENCE | 1,199,558 | 1,199,558 | --- |
| 120 | SUBSISTENCE-IN-KIND | 296,024 | 296,024 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 1,495,582 | 1,495,582 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 125 | ACCESSION TRAVEL | 92,491 | 92,491 | --- |
| 130 | TRAINING TRAVEL | 59,414 | 59,414 | --- |
| 135 | OPERATIONAL TRAVEL | 298,434 | 298,434 | --- |
| 140 | ROTATIONAL TRAVEL | 457,026 | 457,026 | --- |
| 145 | SEPARATION TRAVEL | 143,126 | 143,126 | --- |
| 150 | TRAVEL OF ORGANIZED UNITS | 2,844 | 2,844 | --- |
| 155 | NON-TEMPORARY STORAGE | 42,406 | 42,406 | --- |
| 160 | TEMPORARY LODGING EXPENSE | 21,026 | 21,026 | --- |
| | TOTAL, BUDGET ACTIVITY 5 | 1,116,767 | 1,116,767 | --- |
| | ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 170 | APPREHENSION OF MILITARY DESERTERS | 25 | 25 | --- |
| 175 | INTEREST ON UNIFORMED SERVICES SAVINGS | 1,603 | 1,603 | --- |
| 180 | DEATH GRATUITIES | 18,700 | 18,700 | --- |
| 185 | UNEMPLOYMENT BENEFITS | 28,267 | 28,267 | --- |
| 200 | ADOPTION EXPENSES | 305 | 305 | --- |
| 210 | TRANSPORTATION SUBSIDY | 2,927 | 2,927 | --- |
| 215 | PARTIAL DISLOCATION ALLOWANCE | 99 | 99 | --- |
| 216 | SGLI EXTRA HAZARD PAYMENTS | 4,767 | 4,767 | --- |
| 217 | RESERVE OFFICERS TRAINING CORPS (ROTC) | 44,609 | 44,609 | --- |
| 218 | JUNIOR ROTC | 19,812 | 19,812 | --- |
| | TOTAL, BUDGET ACTIVITY 6 | 121,114 | 121,114 | --- |
| | LESS REIMBURSABLES | -480,775 | -480,775 | --- |
| | UNDISTRIBUTED ADJUSTMENT | --- | -80,000 | -80,000 |
| | TOTAL, TITLE I, MILITARY PERSONNEL, AIR FORCE | 35,140,287 | 35,060,287 | -80,000 |
| 300 | HEALTH CARE CONTRIBUTION - OFFICERS | 353,964 | 353,964 | --- |
| 300 | HEALTH CARE CONTRIBUTION - ENLISTED | 1,501,369 | 1,501,369 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375) | 1,855,333 | 1,855,333 | --- |
| | TOTAL, MILITARY PERSONNEL, AIR FORCE | 36,995,620 | 36,915,620 | -80,000 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| MILITARY PERSONNEL, SPACE FORCE | | | |
| ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| BASIC PAY | 393,549 | 393,549 | --- |
| RETIRED PAY ACCRUAL | 145,221 | 145,221 | --- |
| THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 4,000 | 4,000 | --- |
| BASIC ALLOWANCE FOR HOUSING | 121,963 | 121,963 | --- |
| BASIC ALLOWANCE FOR SUBSISTENCE | 15,049 | 15,049 | --- |
| SPECIAL PAYS | 1,002 | 1,002 | --- |
| ALLOWANCES | 2,025 | 2,025 | --- |
| SEPARATION PAY | 1,786 | 1,786 | --- |
| SOCIAL SECURITY TAX | 30,062 | 30,062 | --- |
| TOTAL, BUDGET ACTIVITY 1 | 714,657 | 714,657 | --- |
| ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| BASIC PAY | 169,954 | 169,954 | --- |
| RETIRED PAY ACCRUAL | 62,712 | 62,712 | --- |
| THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS | 2,536 | 2,536 | --- |
| BASIC ALLOWANCE FOR HOUSING | 89,870 | 89,870 | --- |
| SPECIAL PAYS | 3,744 | 3,744 | --- |
| ALLOWANCES | 6,152 | 6,152 | --- |
| SEPARATION PAY | 213 | 213 | --- |
| SOCIAL SECURITY TAX | 13,001 | 13,001 | --- |
| TOTAL, BUDGET ACTIVITY 2 | 348,182 | 348,182 | --- |
| ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| BASIC ALLOWANCE FOR SUBSISTENCE | 20,539 | 20,539 | --- |
| ACTIVITY 5: PERMANENT CHANGE OF STATION TRAVEL | | | |
| ACCESSION TRAVEL | 4,057 | 4,057 | --- |
| TRAINING TRAVEL | 2,554 | 2,554 | --- |
| OPERATIONAL TRAVEL | 17,212 | 17,212 | --- |
| ROTATIONAL TRAVEL | 1,994 | 1,994 | --- |
| SEPARATION TRAVEL | 5,267 | 5,267 | --- |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| TRAVEL OF ORGANIZED UNITS | 89 | 89 | --- |
| NON-TEMPORARY STORAGE | 1,015 | 1,015 | --- |
| TEMPORARY LODGING EXPENSE | 788 | 788 | --- |
| TOTAL, BUDGET ACTIVITY 5 | 32,976 | 32,976 | --- |
| ACTIVITY 6: OTHER MILITARY PERSONNEL COST | | | |
| DEATH GRATUITIES | 500 | 500 | --- |
| UNEMPLOYMENT BENEFITS | 365 | 365 | --- |
| ADOPTION EXPENSES | 8 | 8 | --- |
| TRANSPORTATION SUBSIDY | 134 | 134 | --- |
| TOTAL, BUDGET ACTIVITY 6 | 1,007 | 1,007 | --- |
| UNDISTRIBUTED ADJUSTMENT | --- | -33,000 | -33,000 |
| TOTAL, TITLE I, MILITARY PERSONNEL, SPACE FORCE | 1,117,361 | 1,084,361 | -33,000 |
| HEALTH CARE CONTRIBUTION - OFFICERS | 25,237 | 25,237 | --- |
| HEALTH CARE CONTRIBUTION - ENLISTED | 23,765 | 23,765 | --- |
| TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375) | 49,002 | 49,002 | --- |
| TOTAL, MILITARY PERSONNEL, SPACE FORCE | 1,166,363 | 1,133,363 | -33,000 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESERVE PERSONNEL, ARMY | | | |
| | ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 1,709,050 | 1,709,050 | --- |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 49,447 | 49,447 | --- |
| 30 | PAY GROUP F TRAINING (RECRUITS)..... | 225,142 | 225,142 | --- |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 8,917 | 8,917 | --- |
| 60 | MOBILIZATION TRAINING..... | 3,008 | 3,008 | --- |
| 70 | SCHOOL TRAINING..... | 238,162 | 238,162 | --- |
| 80 | SPECIAL TRAINING..... | 359,443 | 359,443 | --- |
| 90 | ADMINISTRATION AND SUPPORT..... | 2,654,243 | 2,654,243 | --- |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS..... | 19,955 | 19,955 | --- |
| 100 | EDUCATION BENEFITS..... | 10,008 | 10,008 | --- |
| 120 | HEALTH PROFESSION SCHOLARSHIP..... | 64,520 | 64,520 | --- |
| 130 | OTHER PROGRAMS (ADMIN & SUPPORT)..... | 42,791 | 42,791 | --- |
| | TOTAL, BUDGET ACTIVITY 1..... | 5,384,686 | 5,384,686 | --- |
| | UNDISTRIBUTED ADJUSTMENT..... | --- | -10,000 | -10,000 |
| | TOTAL, TITLE I, RESERVE PERSONNEL, ARMY..... | 5,384,686 | 5,374,686 | -10,000 |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT..... | 490,000 | 490,000 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)..... | 490,000 | 490,000 | --- |
| | TOTAL, RESERVE PERSONNEL, ARMY..... | 5,874,686 | 5,864,686 | -10,000 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESERVE PERSONNEL, NAVY | | | |
| | ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 776,312 | 776,312 | --- |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 10,835 | 10,835 | --- |
| 30 | PAY GROUP F TRAINING (RECRUITS)..... | 56,507 | 56,507 | --- |
| 60 | MOBILIZATION TRAINING..... | 15,177 | 15,177 | --- |
| 70 | SCHOOL TRAINING..... | 57,990 | 57,990 | --- |
| 80 | SPECIAL TRAINING..... | 173,288 | 173,288 | --- |
| 90 | ADMINISTRATION AND SUPPORT..... | 1,252,436 | 1,252,436 | --- |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS..... | 7,155 | 7,155 | --- |
| 100 | EDUCATION BENEFITS..... | 130 | 130 | --- |
| 120 | HEALTH PROFESSION SCHOLARSHIP..... | 60,947 | 60,947 | --- |
| | TOTAL, BUDGET ACTIVITY 1..... | 2,410,777 | 2,410,777 | --- |
| | UNDISTRIBUTED ADJUSTMENT..... | --- | -10,000 | -10,000 |
| | TOTAL, TITLE I, RESERVE PERSONNEL, NAVY..... | 2,410,777 | 2,400,777 | -10,000 |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT..... | 168,000 | 168,000 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)..... | 168,000 | 168,000 | --- |
| | TOTAL, RESERVE PERSONNEL, NAVY..... | 2,578,777 | 2,568,777 | -10,000 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESERVE PERSONNEL, MARINE CORPS | | | |
| | ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 234,658 | 234,658 | --- |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 46,424 | 46,424 | --- |
| 30 | PAY GROUP F TRAINING (RECRUITS)..... | 152,649 | 152,649 | --- |
| 60 | MOBILIZATION TRAINING..... | 1,461 | 1,461 | --- |
| 70 | SCHOOL TRAINING..... | 24,312 | 24,312 | --- |
| 80 | SPECIAL TRAINING..... | 64,417 | 64,417 | --- |
| 90 | ADMINISTRATION AND SUPPORT..... | 306,725 | 306,725 | --- |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS..... | 6,615 | 6,615 | --- |
| 95 | PLATOON LEADER CLASS..... | 6,907 | 6,907 | --- |
| 100 | EDUCATION BENEFITS..... | 5,774 | 5,774 | --- |
| | TOTAL, BUDGET ACTIVITY 1..... | 849,942 | 849,942 | --- |
| | UNDISTRIBUTED ADJUSTMENT..... | --- | -10,000 | -10,000 |
| | TOTAL, TITLE I, RESERVE PERSONNEL, MARINE CORPS..... | 849,942 | 839,942 | -10,000 |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT..... | 83,000 | 83,000 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)..... | 83,000 | 83,000 | --- |
| | TOTAL, RESERVE PERSONNEL, MARINE CORPS..... | 932,942 | 922,942 | -10,000 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESERVE PERSONNEL, AIR FORCE | | | |
| | ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 744,411 | 744,411 | --- |
| 20 | PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 107,354 | 107,354 | --- |
| 30 | PAY GROUP F TRAINING (RECRUITS)..... | 72,181 | 72,181 | --- |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 5,194 | 5,194 | --- |
| 60 | MOBILIZATION TRAINING..... | 570 | 570 | --- |
| 70 | SCHOOL TRAINING..... | 221,731 | 221,731 | --- |
| 80 | SPECIAL TRAINING..... | 351,425 | 351,425 | --- |
| 90 | ADMINISTRATION AND SUPPORT..... | 928,379 | 928,379 | --- |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS..... | 10,621 | 10,621 | --- |
| 100 | EDUCATION BENEFITS..... | 10,950 | 10,950 | --- |
| 120 | HEALTH PROFESSION SCHOLARSHIP..... | 64,130 | 64,130 | --- |
| 130 | OTHER PROGRAMS (ADMIN & SUPPORT)..... | 2,932 | 2,932 | --- |
| | TOTAL, BUDGET ACTIVITY 1..... | 2,519,878 | 2,519,878 | --- |
| | UNDISTRIBUTED ADJUSTMENT..... | --- | -10,000 | -10,000 |
| | TOTAL, TITLE I, RESERVE PERSONNEL, AIR FORCE..... | 2,519,878 | 2,509,878 | -10,000 |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT..... | 181,000 | 181,000 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)..... | 181,000 | 181,000 | --- |
| | TOTAL, RESERVE PERSONNEL, AIR FORCE..... | 2,700,878 | 2,690,878 | -10,000 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | NATIONAL GUARD PERSONNEL, ARMY | | | |
| | ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 2,657,734 | 2,657,734 | --- |
| 30 | PAY GROUP F TRAINING (RECRUITS)..... | 552,298 | 552,298 | --- |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 47,941 | 47,941 | --- |
| 70 | SCHOOL TRAINING..... | 587,537 | 587,537 | --- |
| 80 | SPECIAL TRAINING..... | 757,064 | 766,764 | +9,700 |
| 90 | ADMINISTRATION AND SUPPORT..... | 4,642,452 | 4,642,452 | --- |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS..... | 70,700 | 70,700 | --- |
| 100 | EDUCATION BENEFITS..... | 9,087 | 9,087 | --- |
| | TOTAL, BUDGET ACTIVITY 1..... | 9,324,813 | 9,334,513 | +9,700 |
| | UNDISTRIBUTED ADJUSTMENT..... | --- | -20,000 | -20,000 |
| | ADVANCED TRAUMA AND PUBLIC HEALTH DIRECT TRAINING SERVICES..... | --- | 1,200 | +1,200 |
| | EXERCISE NORTHERN STRIKE..... | --- | 8,500 | +8,500 |
| | TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, ARMY..... | 9,324,813 | 9,324,213 | -600 |
| 300 | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT..... | 873,000 | 873,000 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)..... | 873,000 | 873,000 | --- |
| | TOTAL, NATIONAL GUARD PERSONNEL, ARMY..... | 10,197,813 | 10,197,213 | -600 |

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | NATIONAL GUARD PERSONNEL, AIR FORCE | | | |
| | ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 10 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 934,473 | 934,473 | --- |
| 30 | PAY GROUP F TRAINING (RECRUITS)..... | 147,492 | 147,492 | --- |
| 40 | PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 5,808 | 5,808 | --- |
| 70 | SCHOOL TRAINING..... | 380,343 | 380,343 | --- |
| 80 | SPECIAL TRAINING..... | 267,431 | 270,931 | +3,500 |
| 90 | ADMINISTRATION AND SUPPORT..... | 3,363,168 | 3,363,168 | --- |
| 94 | THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS..... | 19,559 | 19,559 | --- |
| 100 | EDUCATION BENEFITS..... | 9,061 | 9,061 | --- |
| | TOTAL, BUDGET ACTIVITY 1..... | 5,127,335 | 5,130,835 | +3,500 |
| | UNDISTRIBUTED ADJUSTMENT..... | --- | -12,000 | -12,000 |
| | ADVANCED TRAUMA AND PUBLIC HEALTH DIRECT TRAINING SERVICES..... | --- | 2,400 | +2,400 |
| | EXERCISE NORTHERN STRIKE..... | --- | 2,000 | +2,000 |
| | TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, AIR FORCE. | 5,127,335 | 5,123,235 | -4,100 |
| | HEALTH CARE CONTRIBUTION - RESERVE COMPONENT..... | 336,000 | 336,000 | --- |
| | TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)..... | 336,000 | 336,000 | --- |
| | TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE..... | 5,463,335 | 5,459,235 | -4,100 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, ARMY | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | LAND FORCES | | | |
| 10 | MANEUVER UNITS | 4,506,811 | 4,306,811 | -200,000 |
| 20 | MODULAR SUPPORT BRIGADES | 177,136 | 170,636 | -6,500 |
| 30 | ECHELONS ABOVE BRIGADES | 894,629 | 874,129 | -20,500 |
| 40 | THEATER LEVEL ASSETS | 2,570,949 | 2,564,449 | -6,500 |
| 50 | LAND FORCES OPERATIONS SUPPORT | 1,184,230 | 1,184,230 | --- |
| 60 | AVIATION ASSETS | 2,220,817 | 2,120,817 | -100,000 |
| | LAND FORCES READINESS | | | |
| 70 | FORCE READINESS OPERATIONS SUPPORT | 7,366,299 | 7,432,699 | +66,400 |
| 80 | LAND FORCES SYSTEMS READINESS | 483,683 | 483,683 | --- |
| 90 | LAND FORCES DEPOT MAINTENANCE | 1,399,173 | 1,399,173 | --- |
| 100 | MEDICAL READINESS | 897,522 | 897,522 | --- |
| | LAND FORCES READINESS SUPPORT | | | |
| 110 | BASE OPERATIONS SUPPORT | 9,330,325 | 9,281,325 | -49,000 |
| 120 | FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION | 4,666,658 | 4,666,658 | --- |
| 130 | MANAGEMENT AND OPERATIONAL HEADQUARTERS | 284,483 | 274,983 | -9,500 |
| 140 | ADDITIONAL ACTIVITIES | 450,348 | 450,348 | --- |
| 160 | RESET | 383,360 | 383,360 | --- |
| | COMBATANT COMMAND SUPPORT | | | |
| 170 | US AFRICA COMMAND | 385,685 | 441,025 | +55,340 |
| 180 | US EUROPEAN COMMAND | 359,602 | 364,852 | +5,250 |
| 190 | US SOUTHERN COMMAND | 204,336 | 209,711 | +5,375 |
| 200 | US FORCES KOREA | 67,756 | 67,756 | --- |
| 210 | CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS | 495,066 | 489,066 | -6,000 |
| 220 | CYBER SPACE ACTIVITIES - CYBERSECURITY | 673,701 | 663,701 | -10,000 |
| 230 | JOINT CYBER MISSION FORCES | 178,033 | 178,033 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 39,180,602 | 38,904,967 | -275,635 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| | MOBILITY OPERATIONS | | | |
| 240 | STRATEGIC MOBILITY | 434,423 | 434,423 | --- |
| 250 | ARMY PREPOSITIONED STOCKS | 378,494 | 378,494 | --- |
| 260 | INDUSTRIAL PREPAREDNESS | 4,001 | 4,001 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 816,918 | 816,918 | --- |
| | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| | ACCESSION TRAINING | | | |
| 270 | OFFICER ACQUISITION | 173,439 | 173,439 | --- |
| 280 | RECRUIT TRAINING | 78,826 | 78,826 | --- |
| 290 | ONE STATION UNIT TRAINING | 128,117 | 116,117 | -12,000 |
| 300 | SENIOR RESERVE OFFICERS TRAINING CORPS | 554,992 | 554,992 | --- |
| | BASIC SKILL AND ADVANCED TRAINING | | | |
| 310 | SPECIALIZED SKILL TRAINING | 1,115,045 | 1,085,045 | -30,000 |
| 320 | FLIGHT TRAINING | 1,396,392 | 1,381,392 | -15,000 |
| 330 | PROFESSIONAL DEVELOPMENT EDUCATION | 221,960 | 221,960 | --- |
| 340 | TRAINING SUPPORT | 717,318 | 701,318 | -16,000 |
| | RECRUITING AND OTHER TRAINING AND EDUCATION | | | |
| 350 | RECRUITING AND ADVERTISING | 691,053 | 691,053 | --- |
| 360 | EXAMINING | 192,832 | 192,832 | --- |
| 370 | OFF-DUTY AND VOLUNTARY EDUCATION | 235,340 | 235,340 | --- |
| 380 | CIVILIAN EDUCATION AND TRAINING | 251,378 | 251,378 | --- |
| 390 | JUNIOR RESERVE OFFICERS TRAINING CORPS | 196,088 | 201,088 | +5,000 |
| | TOTAL, BUDGET ACTIVITY 3 | 5,952,780 | 5,884,780 | -68,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | LOGISTICS OPERATIONS | | | |
| 410 | SERVICEWIDE TRANSPORTATION | 662,083 | 655,083 | -7,000 |
| 420 | CENTRAL SUPPLY ACTIVITIES | 822,018 | 822,018 | --- |
| 430 | LOGISTICS SUPPORT ACTIVITIES | 806,861 | 771,861 | -35,000 |
| 440 | AMMUNITION MANAGEMENT | 483,187 | 483,187 | --- |
| | SERVICEWIDE SUPPORT | | | |
| 450 | ADMINISTRATION | 486,154 | 498,154 | +12,000 |
| 460 | SERVICEWIDE COMMUNICATIONS | 1,871,173 | 1,871,173 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 470 | MANPOWER MANAGEMENT | 344,668 | 344,668 | --- |
| 480 | OTHER PERSONNEL SUPPORT | 811,999 | 811,999 | --- |
| 490 | OTHER SERVICE SUPPORT | 2,267,280 | 2,248,980 | -18,300 |
| 500 | ARMY CLAIMS ACTIVITIES | 191,912 | 191,912 | --- |
| 510 | REAL ESTATE MANAGEMENT | 288,942 | 293,942 | +5,000 |
| 520 | FINANCIAL MANAGEMENT AND AUDIT READINESS | 410,983 | 410,983 | --- |
| 530 | DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 38,714 | 38,714 | --- |
| 540 | INTERNATIONAL MILITARY HEADQUARTERS | 532,377 | 532,377 | --- |
| 550 | MISC. SUPPORT OF OTHER NATIONS | 35,709 | 35,709 | --- |
| | OTHER PROGRAMS | | | |
| | CLASSIFIED PROGRAMS | 2,113,196 | 2,065,530 | -47,666 |
| | TOTAL, BUDGET ACTIVITY 4 | 12,167,256 | 12,076,290 | -90,966 |
| | HISTORICAL UNOBLIGATION | --- | -250,000 | -250,000 |
| | P.L. 115-68 IMPLEMENTATION | --- | 250 | +250 |
| | RESTORE READINESS | --- | 150,000 | +150,000 |
| | TOTAL, OPERATION AND MAINTENANCE, ARMY | 58,117,556 | 57,583,205 | -534,351 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, NAVY | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | AIR OPERATIONS | | | |
| 10 | MISSION AND OTHER FLIGHT OPERATIONS | 7,334,452 | 7,254,452 | -80,000 |
| 20 | FLEET AIR TRAINING | 2,793,739 | 2,758,739 | -35,000 |
| 30 | AVIATION TECHNICAL DATA AND ENGINEERING SERVICES | 65,248 | 65,248 | --- |
| 40 | AIR OPERATIONS AND SAFETY SUPPORT | 214,767 | 214,767 | --- |
| 50 | AIR SYSTEMS SUPPORT | 1,075,365 | 1,057,865 | -17,500 |
| 60 | AIRCRAFT DEPOT MAINTENANCE | 1,751,737 | 1,721,737 | -30,000 |
| 70 | AIRCRAFT DEPOT OPERATIONS SUPPORT | 70,319 | 70,319 | --- |
| 80 | AVIATION LOGISTICS | 1,679,193 | 1,659,193 | -20,000 |
| | SHIP OPERATIONS | | | |
| 90 | MISSION AND OTHER SHIP OPERATIONS | 6,454,952 | 6,399,952 | -55,000 |
| 100 | SHIP OPERATIONS SUPPORT AND TRAINING | 1,183,237 | 1,183,237 | --- |
| 110 | SHIP DEPOT MAINTENANCE | 10,038,261 | 9,938,261 | -100,000 |
| 120 | SHIP DEPOT OPERATIONS SUPPORT | 2,422,095 | 2,392,095 | -30,000 |
| | COMBAT OPERATIONS/SUPPORT | | | |
| 130 | COMBAT COMMUNICATIONS | 1,632,824 | 1,632,824 | --- |
| 140 | SPACE SYSTEMS AND SURVEILLANCE | 339,103 | 339,103 | --- |
| 150 | WARFARE TACTICS | 881,999 | 881,999 | --- |
| 160 | OPERATIONAL METEOROLOGY AND OCEANOGRAPHY | 444,150 | 444,150 | --- |
| 170 | COMBAT SUPPORT FORCES | 2,274,710 | 2,259,710 | -15,000 |
| 180 | EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT | 194,346 | 194,346 | --- |
| 190 | CYBER MISSION FORCES | 101,049 | 101,049 | --- |
| 200 | COMBATANT COMMANDERS CORE OPERATIONS | 65,893 | 70,893 | +5,000 |
| 210 | COMBATANT COMMANDERS DIRECT MISSION SUPPORT | 282,742 | 288,742 | +6,000 |
| 230 | CYBERSPACE ACTIVITIES | 477,540 | 477,540 | --- |
| | WEAPONS SUPPORT | | | |
| 240 | FLEET BALLISTIC MISSILE | 1,664,076 | 1,664,076 | --- |
| 250 | WEAPONS MAINTENANCE | 1,495,783 | 1,495,783 | --- |
| 260 | OTHER WEAPON SYSTEMS SUPPORT | 649,371 | 649,371 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | BASE SUPPORT | | | |
| 270 | ENTERPRISE INFORMATION | 1,647,834 | 1,637,834 | -10,000 |
| 280 | SUSTAINMENT, RESTORATION AND MODERNIZATION | 3,549,311 | 3,639,311 | +90,000 |
| 290 | BASE OPERATING SUPPORT | 5,503,088 | 5,503,088 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 56,287,184 | 55,995,684 | -291,500 |
| | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 300 | SHIP PREPOSITIONING AND SURGE | 467,648 | 467,648 | --- |
| 310 | READY RESERVE FORCE | 683,932 | 683,932 | --- |
| 320 | SHIP ACTIVATIONS/INACTIVATIONS | 364,096 | 357,096 | -7,000 |
| 330 | EXPEDITIONARY HEALTH SERVICES SYSTEMS | 133,780 | 133,780 | --- |
| 340 | COAST GUARD SUPPORT | 21,196 | 21,196 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 1,670,652 | 1,663,652 | -7,000 |
| | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 350 | OFFICER ACQUISITION | 190,578 | 190,578 | --- |
| 360 | RECRUIT TRAINING | 14,679 | 14,679 | --- |
| 370 | RESERVE OFFICERS TRAINING CORPS | 170,845 | 170,845 | --- |
| | BASIC SKILLS AND ADVANCED TRAINING | | | |
| 380 | SPECIALIZED SKILL TRAINING | 1,133,889 | 1,133,889 | --- |
| 390 | PROFESSIONAL DEVELOPMENT EDUCATION | 334,844 | 334,844 | --- |
| 400 | TRAINING SUPPORT | 356,670 | 356,670 | --- |
| | RECRUITING, AND OTHER TRAINING AND EDUCATION | | | |
| 410 | RECRUITING AND ADVERTISING | 204,498 | 204,498 | --- |
| 420 | OFF-DUTY AND VOLUNTARY EDUCATION | 89,971 | 89,971 | --- |
| 430 | CIVILIAN EDUCATION AND TRAINING | 69,798 | 69,798 | --- |
| 440 | JUNIOR ROTC | 55,194 | 60,194 | +5,000 |
| | TOTAL, BUDGET ACTIVITY 3 | 2,620,966 | 2,625,966 | +5,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | SERVICEWIDE SUPPORT | | | |
| 450 | ADMINISTRATION | 1,349,966 | 1,349,966 | --- |
| 460 | CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT | 227,772 | 227,772 | --- |
| 470 | MILITARY MANPOWER AND PERSONNEL MANAGEMENT | 667,627 | 637,627 | -30,000 |
| 480 | MEDICAL ACTIVITIES | 284,962 | 284,962 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | LOGISTICS OPERATIONS AND TECHNICAL SUPPORT | | | |
| 490 | DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT..... | 62,824 | 62,824 | --- |
| 500 | SERVICEWIDE TRANSPORTATION..... | 207,501 | 207,501 | --- |
| 520 | PLANNING, ENGINEERING, AND PROGRAM SUPPORT..... | 554,265 | 539,265 | -15,000 |
| 530 | ACQUISITION, LOGISTICS, AND OVERSIGHT..... | 798,473 | 810,473 | +12,000 |
| | INVESTIGATIONS AND SECURITY PROGRAMS | | | |
| 540 | INVESTIGATIVE AND SECURITY SERVICES..... | 791,059 | 791,059 | --- |
| | OTHER PROGRAMS | | | |
| | CLASSIFIED PROGRAMS..... | 628,700 | 628,700 | --- |
| | TOTAL, BUDGET ACTIVITY 4..... | 5,573,149 | 5,540,149 | -33,000 |
| | HISTORICAL UNOBLIGATION..... | --- | -200,000 | -200,000 |
| | P.L. 115-68 IMPLEMENTATION..... | --- | 260 | +260 |
| | RESTORE READINESS..... | --- | 150,000 | +150,000 |
| | TOTAL, OPERATION AND MAINTENANCE, NAVY..... | 66,151,951 | 65,775,711 | -376,240 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, MARINE CORPS | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | EXPEDITIONARY FORCES | | | |
| 10 | OPERATIONAL FORCES | 1,740,491 | 1,723,991 | -16,500 |
| 20 | FIELD LOGISTICS | 1,699,425 | 1,685,766 | -13,659 |
| 30 | DEPOT MAINTENANCE | 221,886 | 221,886 | --- |
| | USMC PREPOSITIONING | | | |
| 40 | MARITIME PREPOSITIONING | 139,518 | 137,518 | -2,000 |
| | COMBAT OPERATIONS/SUPPORT | | | |
| 50 | CYBER MISSION FORCES | 94,199 | 94,199 | --- |
| 60 | CYBERSPACE ACTIVITIES | 194,904 | 194,904 | --- |
| | BASE SUPPORT | | | |
| 70 | SUSTAINMENT, RESTORATION & MODERNIZATION | 1,292,219 | 1,292,219 | --- |
| 80 | BASE OPERATING SUPPORT | 2,699,487 | 2,699,487 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 8,082,129 | 8,049,970 | -32,159 |
| | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| | ACCESSION TRAINING | | | |
| 90 | RECRUIT TRAINING | 23,217 | 23,217 | --- |
| 100 | OFFICER ACQUISITION | 1,268 | 1,268 | --- |
| | BASIC SKILLS AND ADVANCED TRAINING | | | |
| 110 | SPECIALIZED SKILLS TRAINING | 118,638 | 118,638 | --- |
| 120 | PROFESSIONAL DEVELOPMENT EDUCATION | 64,626 | 64,626 | --- |
| 130 | TRAINING SUPPORT | 523,603 | 517,603 | -6,000 |
| | RECRUITING AND OTHER TRAINING EDUCATION | | | |
| 140 | RECRUITING AND ADVERTISING | 225,759 | 225,759 | --- |
| 150 | OFF-DUTY AND VOLUNTARY EDUCATION | 51,882 | 51,882 | --- |
| 160 | JUNIOR ROTC | 27,660 | 32,660 | +5,000 |
| | TOTAL, BUDGET ACTIVITY 3 | 1,036,653 | 1,035,653 | -1,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | SERVICEWIDE SUPPORT | | | |
| 170 | SERVICEWIDE TRANSPORTATION | 78,542 | 78,542 | --- |
| 180 | ADMINISTRATION | 401,030 | 401,030 | --- |
| | OTHER PROGRAMS | | | |
| | CLASSIFIED PROGRAMS | 62,590 | 62,590 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 542,162 | 542,162 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| HISTORICAL UNOBLIGATION..... | --- | -40,000 | -40,000 |
| PROGRAM INCREASE - P.L. 115-68 IMPLEMENTATION..... | --- | 340 | +340 |
| RESTORE READINESS..... | --- | 50,000 | +50,000 |
| TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS..... | 9,660,944 | 9,638,125 | -22,819 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, AIR FORCE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | AIR OPERATIONS | | | |
| 10 | PRIMARY COMBAT FORCES | 936,731 | 975,731 | +39,000 |
| 20 | COMBAT ENHANCEMENT FORCES | 2,657,865 | 2,595,001 | -62,864 |
| 30 | AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) | 1,467,518 | 1,467,518 | --- |
| 40 | DEPOT PURCHASE EQUIPMENT MAINTENANCE | 4,341,794 | 4,241,794 | -100,000 |
| 50 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 4,091,088 | 4,091,088 | --- |
| 60 | CYBERSPACE SUSTAINMENT | 130,754 | 130,754 | --- |
| 70 | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT | 8,782,940 | 8,770,940 | -12,000 |
| 80 | FLYING HOUR PROGRAM | 5,871,718 | 5,833,718 | -38,000 |
| 90 | BASE SUPPORT | 10,638,741 | 10,592,741 | -46,000 |
| | COMBAT RELATED OPERATIONS | | | |
| 100 | GLOBAL C3I AND EARLY WARNING | 1,035,043 | 1,026,543 | -8,500 |
| 110 | OTHER COMBAT OPS SPT PROGRAMS | 1,436,329 | 1,426,329 | -10,000 |
| 120 | CYBERSPACE ACTIVITIES | 716,931 | 711,931 | -5,000 |
| | SPACE OPERATIONS | | | |
| 140 | LAUNCH FACILITIES | 690 | 690 | --- |
| | COCOM | | | |
| 160 | US NORTHCOM/NORAD | 197,210 | 202,775 | +5,565 |
| 170 | US STRATCOM | 503,419 | 553,607 | +50,188 |
| 180 | US CYBERCOM | 436,807 | 437,057 | +250 |
| 190 | US CENTCOM | 331,162 | 319,347 | -11,815 |
| 200 | US SOCOM | 27,318 | 28,208 | +890 |
| 210 | US TRANSCOM | --- | 250 | +250 |
| 220 | CENTCOM CYBERSPACE SUSTAINMENT | 1,367 | 1,367 | --- |
| 230 | USSPACECOM | 329,543 | 330,051 | +508 |
| 240 | JOINT CYBER MISSION FORCE PROGRAMS | 186,759 | 186,759 | --- |
| | OPERATING FORCES | | | |
| | CLASSIFIED PROGRAMS | 1,705,801 | 1,705,801 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 45,827,528 | 45,630,000 | -197,528 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| | MOBILITY OPERATIONS | | | |
| 250 | AIRLIFT OPERATIONS | 2,780,616 | 2,780,616 | --- |
| 260 | MOBILIZATION PREPAREDNESS | 721,172 | 721,172 | --- |
| | TOTAL, BUDGET ACTIVITY 2 | 3,501,788 | 3,501,788 | --- |
| | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| | ACCESSION TRAINING | | | |
| 270 | OFFICER ACQUISITION | 189,721 | 189,721 | --- |
| 280 | RECRUIT TRAINING | 26,684 | 26,684 | --- |
| 290 | RESERVE OFFICER TRAINING CORPS (ROTC) | 135,515 | 135,515 | --- |
| | BASIC SKILLS AND ADVANCED TRAINING | | | |
| 300 | SPECIALIZED SKILL TRAINING | 541,511 | 541,511 | --- |
| 310 | FLIGHT TRAINING | 779,625 | 796,625 | +17,000 |
| 320 | PROFESSIONAL DEVELOPMENT EDUCATION | 313,556 | 313,556 | --- |
| 330 | TRAINING SUPPORT | 171,087 | 171,087 | --- |
| | RECRUITING, AND OTHER TRAINING AND EDUCATION | | | |
| 340 | RECRUITING AND ADVERTISING | 197,956 | 197,956 | --- |
| 350 | EXAMINING | 8,282 | 8,282 | --- |
| 360 | OFF DUTY AND VOLUNTARY EDUCATION | 254,907 | 254,907 | --- |
| 370 | CIVILIAN EDUCATION AND TRAINING | 355,375 | 355,375 | --- |
| 380 | JUNIOR ROTC | 69,964 | 74,964 | +5,000 |
| | TOTAL, BUDGET ACTIVITY 3 | 3,044,183 | 3,066,183 | +22,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | LOGISTICS OPERATIONS | | | |
| 390 | LOGISTICS OPERATIONS | 1,058,129 | 1,058,129 | --- |
| 400 | TECHNICAL SUPPORT ACTIVITIES | 139,428 | 139,428 | --- |
| | ADMIN SERVICEWIDE ACTIVITIES | | | |
| 410 | ADMINISTRATION | 1,283,066 | 1,273,066 | -10,000 |
| 420 | SERVICEWIDE COMMUNICATIONS | 33,222 | 33,222 | --- |
| 430 | OTHER SERVICEWIDE ACTIVITIES | 1,790,985 | 1,790,985 | --- |
| 440 | CIVIL AIR PATROL | 30,526 | 51,300 | +20,774 |
| 460 | ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 42,558 | 42,558 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 480 | INTERNATIONAL SUPPORT | 102,065 | 102,065 | --- |
| | CLASSIFIED PROGRAMS | 1,427,764 | 1,423,964 | -3,800 |
| | TOTAL, BUDGET ACTIVITY 4 | 5,907,743 | 5,914,717 | +6,974 |
| | HISTORICAL UNOBLIGATION | --- | -225,000 | -225,000 |
| | P.L. 115-68 IMPLEMENTATION | --- | 750 | +750 |
| | RESTORE READINESS | --- | 150,000 | +150,000 |
| | TOTAL, OPERATION AND MAINTENANCE, AIR FORCE | 58,281,242 | 58,038,438 | -242,804 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, SPACE FORCE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | AIR OPERATIONS | | | |
| 10 | GLOBAL C3I & EARLY WARNING | 472,484 | 472,484 | --- |
| 20 | SPACE LAUNCH OPERATIONS | 187,832 | 187,832 | --- |
| 30 | SPACE OPERATIONS | 695,228 | 695,228 | --- |
| 40 | EDUCATION & TRAINING | 153,135 | 153,135 | --- |
| 60 | DEPOT MAINTENANCE | 285,863 | 285,863 | --- |
| 70 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 235,253 | 235,253 | --- |
| 80 | CONTRACTOR LOGISTICS & SYSTEM SUPPORT | 1,358,565 | 1,358,565 | --- |
| 90 | SPACE OPERATIONS -BOS | 144,937 | 144,937 | --- |
| 50 | SPECIAL PROGRAMS | 272,941 | 272,941 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 3,806,238 | 3,806,238 | --- |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 100 | ADMINISTRATION | 228,420 | 176,420 | -52,000 |
| | TOTAL, BUDGET ACTIVITY 4 | 228,420 | 176,420 | -52,000 |
| | HISTORICAL UNOBLIGATION | --- | -15,000 | -15,000 |
| | TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE | 4,034,658 | 3,967,658 | -67,000 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, DEFENSE-WIDE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 10 | JOINT CHIEFS OF STAFF | 445,366 | 422,366 | -23,000 |
| 20 | JOINT CHIEFS OF STAFF - CYBER | 9,887 | 9,887 | --- |
| 30 | JOINT CHIEFS OF STAFF - JTEEP | 679,336 | 656,336 | -23,000 |
| 40 | OFFICE OF THE SECRETARY OF DEFENSE - MISO | 246,259 | 273,759 | +27,500 |
| 50 | SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES | 2,056,291 | 2,043,398 | -12,893 |
| 60 | SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES | 39,178 | 39,178 | --- |
| 70 | SPECIAL OPERATIONS COMMAND INTELLIGENCE | 1,513,025 | 1,514,244 | +1,219 |
| 80 | SPECIAL OPERATIONS COMMAND MAINTENANCE | 1,207,842 | 1,247,773 | +39,931 |
| 90 | SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS | 196,271 | 196,271 | --- |
| 100 | SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT | 1,299,309 | 1,332,010 | +32,701 |
| 110 | SPECIAL OPERATIONS COMMAND THEATER FORCES | 3,314,770 | 3,313,427 | -1,343 |
| | TOTAL, BUDGET ACTIVITY 1 | 11,007,534 | 11,048,649 | +41,115 |
| | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 120 | DEFENSE ACQUISITION UNIVERSITY | 176,454 | 176,454 | --- |
| 130 | JOINT CHIEFS OF STAFF | 101,492 | 101,492 | --- |
| 140 | SPECIAL OPERATIONS COMMAND PROFESSIONAL DEVELOPMENT EDUCATION | 35,279 | 35,279 | --- |
| | TOTAL, BUDGET ACTIVITY 3 | 313,225 | 313,225 | --- |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 150 | CIVIL MILITARY PROGRAMS | 139,656 | 270,067 | +130,411 |
| 170 | DEFENSE CONTRACT AUDIT AGENCY | 646,072 | 646,072 | --- |
| 180 | DEFENSE CONTRACT AUDIT AGENCY - CYBER | 4,107 | 4,107 | --- |
| 190 | DEFENSE CONTRACT MANAGEMENT AGENCY | 1,506,300 | 1,491,300 | -15,000 |
| 200 | DEFENSE CONTRACT MANAGEMENT AGENCY - CYBER | 29,127 | 29,127 | --- |
| 210 | DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY | 983,133 | 983,133 | --- |
| 230 | DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY - CYBER | 10,245 | 10,245 | --- |
| 240 | DEFENSE HUMAN RESOURCES ACTIVITY | 935,241 | 1,000,241 | +65,000 |
| 250 | DEFENSE HUMAN RESOURCES ACTIVITY - CYBER | 26,113 | 26,113 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 260 | DEFENSE INFORMATION SYSTEMS AGENCY | 2,266,729 | 2,266,729 | --- |
| 270 | DEFENSE INFORMATION SYSTEMS AGENCY - CYBER | 643,643 | 643,643 | --- |
| 300 | DEFENSE LEGAL SERVICES AGENCY | 233,687 | 233,687 | --- |
| 310 | DEFENSE LOGISTICS AGENCY | 429,060 | 404,060 | -25,000 |
| 320 | DEFENSE MEDIA ACTIVITY | 243,631 | 236,131 | -7,500 |
| 330 | DEFENSE PERSONNEL ACCOUNTING AGENCY | 150,021 | 150,021 | --- |
| 340 | DEFENSE SECURITY COOPERATION AGENCY | 2,445,669 | 2,348,599 | -97,070 |
| 350 | DEFENSE TECHNOLOGY SECURITY AGENCY | 40,063 | 40,063 | --- |
| 360 | DEFENSE THREAT REDUCTION AGENCY | 941,763 | 911,763 | -30,000 |
| 380 | DEFENSE THREAT REDUCTION AGENCY - CYBER | 56,052 | 56,052 | --- |
| 390 | DEPARTMENT OF DEFENSE EDUCATION ACTIVITY | 3,276,276 | 3,366,276 | +90,000 |
| 400 | MISSILE DEFENSE AGENCY | 541,787 | 541,787 | --- |
| 430 | OFFICE OF THE LOCAL DEFENSE COMMUNITY COOPERATION - OSD | 108,697 | 188,697 | +80,000 |
| 440 | OFFICE OF THE SECRETARY OF DEFENSE | 2,239,072 | 2,281,371 | +42,299 |
| 450 | OFFICE OF THE SECRETARY OF DEFENSE - CYBER | 55,255 | 55,255 | --- |
| 500 | WASHINGTON HEADQUARTERS SERVICES | 369,943 | 359,943 | -10,000 |
| | CLASSIFIED PROGRAMS | 18,764,415 | 18,755,115 | -9,300 |
| | TOTAL, BUDGET ACTIVITY 4 | 37,085,757 | 37,299,597 | +213,840 |
| | P.L. 115-68 IMPLEMENTATION | --- | 2,100 | +2,100 |
| | TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE | 48,406,516 | 48,663,571 | +257,055 |
| | COUNTER ISIS TRAIN AND EQUIP FUND (CTEF) | | | |
| 10 | IRAQ | 358,015 | 300,000 | -58,015 |
| 20 | SYRIA | 183,677 | 150,000 | -33,677 |
| | TOTAL, COUNTER ISIS TRAIN AND EQUIP FUND (CTEF) | 541,692 | 450,000 | -91,692 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, ARMY RESERVE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | LAND FORCES | | | |
| 10 | MODULAR SUPPORT BRIGADES | 14,404 | 14,404 | --- |
| 20 | ECHELONS ABOVE BRIGADES | 662,104 | 632,104 | -30,000 |
| 30 | THEATER LEVEL ASSETS | 133,599 | 131,599 | -2,000 |
| 40 | LAND FORCES OPERATIONS SUPPORT | 646,693 | 638,693 | -8,000 |
| 50 | AVIATION ASSETS | 128,883 | 125,883 | -3,000 |
| | LAND FORCES READINESS | | | |
| 60 | FORCES READINESS OPERATIONS SUPPORT | 409,994 | 409,994 | --- |
| 70 | LAND FORCES SYSTEM READINESS | 90,595 | 90,595 | --- |
| 80 | DEPOT MAINTENANCE | 44,453 | 44,453 | --- |
| | LAND FORCES READINESS SUPPORT | | | |
| 90 | BASE OPERATIONS SUPPORT | 567,170 | 567,170 | --- |
| 100 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 358,772 | 358,772 | --- |
| 110 | MANAGEMENT AND OPERATIONS HEADQUARTERS | 22,112 | 22,112 | --- |
| 120 | CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS | 2,929 | 2,929 | --- |
| 130 | CYBERSPACE ACTIVITIES - CYBERSECURITY | 7,382 | 7,382 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 3,089,090 | 3,046,090 | -43,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | LOGISTICS OPERATIONS | | | |
| 140 | SERVICEWIDE TRANSPORTATION | 18,994 | 18,994 | --- |
| 150 | ADMINISTRATION | 20,670 | 20,670 | --- |
| 160 | SERVICEWIDE COMMUNICATIONS | 31,652 | 31,652 | --- |
| 170 | MANPOWER MANAGEMENT | 6,852 | 6,852 | --- |
| 180 | OTHER PERSONNEL SUPPORT | 61,246 | 61,246 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 139,414 | 139,414 | --- |
| | HISTORICAL UNOBLIGATION | --- | -18,000 | -18,000 |
| | TRAUMA TRAINING | --- | 2,000 | +2,000 |
| | TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE | 3,228,504 | 3,169,504 | -59,000 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, NAVY RESERVE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | OPERATING FORCES | | | |
| 10 | MISSION AND OTHER FLIGHT OPERATIONS | 669,533 | 662,533 | -7,000 |
| 20 | INTERMEDIATE MAINTENANCE | 11,134 | 11,134 | --- |
| 30 | AIRCRAFT DEPOT MAINTENANCE | 164,892 | 164,892 | --- |
| 40 | AIRCRAFT DEPOT OPERATIONS SUPPORT | 494 | 494 | --- |
| 50 | AVIATION LOGISTICS | 25,843 | 25,843 | --- |
| 60 | COMBAT COMMUNICATIONS | 20,135 | 20,135 | --- |
| 70 | COMBAT SUPPORT FORCES | 131,104 | 131,104 | --- |
| 80 | CYBERSPACE ACTIVITIES | 289 | 289 | --- |
| 90 | ENTERPRISE INFORMATION | 27,189 | 27,189 | --- |
| 100 | SUSTAINMENT, RESTORATION & MODERNIZATION | 44,784 | 44,784 | --- |
| 110 | BASE OPERATING SUPPORT | 116,374 | 116,374 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 1,211,771 | 1,204,771 | -7,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 120 | ADMINISTRATION | 1,986 | 1,986 | --- |
| 130 | MILITARY MANPOWER & PERSONNEL MANAGEMENT | 12,550 | 12,550 | --- |
| 140 | ACQUISITION AND PROGRAM MANAGEMENT | 1,993 | 1,993 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 16,529 | 16,529 | --- |
| | HISTORICAL UNOBLIGATION | --- | -7,000 | -7,000 |
| | TRAUMA TRAINING | --- | 2,000 | +2,000 |
| | TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE | 1,228,300 | 1,216,300 | -12,000 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, MARINE CORPS RESERVE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 10 | OPERATING FORCES | 109,045 | 146,545 | +37,500 |
| 20 | DEPOT MAINTENANCE | 19,361 | 19,361 | --- |
| 30 | SUSTAINMENT, RESTORATION & MODERNIZATION | 45,430 | 45,430 | --- |
| 40 | BASE OPERATING SUPPORT | 118,364 | 118,364 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 292,200 | 329,700 | +37,500 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 50 | ADMINISTRATION | 12,033 | 12,033 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 12,033 | 12,033 | --- |
| | HISTORICAL UNOBLIGATION | --- | -3,000 | -3,000 |
| | TRAUMA TRAINING | --- | 2,000 | +2,000 |
| | TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE | 304,233 | 340,733 | +36,500 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, AIR FORCE RESERVE | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | AIR OPERATIONS | | | |
| 10 | PRIMARY COMBAT FORCES | 1,743,908 | 1,732,908 | -11,000 |
| 20 | MISSION SUPPORT OPERATIONS | 193,568 | 193,568 | --- |
| 30 | DEPOT PURCHASE EQUIPMENT MAINTENANCE | 493,664 | 493,664 | --- |
| 40 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 133,782 | 133,782 | --- |
| 50 | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT | 341,724 | 341,724 | --- |
| 60 | BASE SUPPORT | 522,195 | 522,195 | --- |
| 70 | CYBERSPACE ACTIVITIES | 1,706 | 6,706 | +5,000 |
| | TOTAL, BUDGET ACTIVITY 1 | 3,430,547 | 3,424,547 | -6,000 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 80 | ADMINISTRATION | 102,038 | 102,038 | --- |
| 90 | RECRUITING AND ADVERTISING | 9,057 | 9,057 | --- |
| 100 | MILITARY MANPOWER AND PERS MGMT (ARPC) | 14,896 | 14,896 | --- |
| 110 | OTHER PERS SUPPORT (DISABILITY COMP) | 7,544 | 7,544 | --- |
| 120 | AUDIOVISUAL | 462 | 462 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 133,997 | 133,997 | --- |
| | HISTORICAL UNOBLIGATION | --- | -25,000 | -25,000 |
| | TRAUMA TRAINING | --- | 2,000 | +2,000 |
| | TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE | 3,564,544 | 3,535,544 | -29,000 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | LAND FORCES | | | |
| 10 | MANEUVER UNITS | 964,237 | 960,737 | -3,500 |
| 20 | MODULAR SUPPORT BRIGADES | 214,191 | 214,191 | --- |
| 30 | ECHELONS ABOVE BRIGADE | 820,752 | 820,752 | --- |
| 40 | THEATER LEVEL ASSETS | 97,184 | 97,184 | --- |
| 50 | LAND FORCES OPERATIONS SUPPORT | 54,595 | 52,595 | -2,000 |
| 60 | AVIATION ASSETS | 1,169,826 | 1,160,826 | -9,000 |
| | LAND FORCES READINESS | | | |
| 70 | FORCE READINESS OPERATIONS SUPPORT | 722,788 | 722,788 | --- |
| 80 | LAND FORCES SYSTEMS READINESS | 46,580 | 46,580 | --- |
| 90 | LAND FORCES DEPOT MAINTENANCE | 259,765 | 259,765 | --- |
| | LAND FORCES READINESS SUPPORT | | | |
| 100 | BASE OPERATIONS SUPPORT | 1,151,215 | 1,146,215 | -5,000 |
| 110 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 1,053,996 | 1,053,996 | --- |
| 120 | MANAGEMENT AND OPERATIONAL HEADQUARTERS | 1,148,286 | 1,148,286 | --- |
| 130 | CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS | 8,715 | 8,715 | --- |
| 140 | CYBERSPACE ACTIVITIES - CYBERSECURITY | 8,307 | 8,307 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 7,720,437 | 7,700,937 | -19,500 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 150 | SERVICEWIDE TRANSPORTATION | 6,961 | 6,961 | --- |
| 160 | ADMINISTRATION | 73,641 | 81,841 | +8,200 |
| 170 | SERVICEWIDE COMMUNICATIONS | 100,389 | 100,389 | --- |
| 180 | MANPOWER MANAGEMENT | 9,231 | 9,231 | --- |
| 190 | OTHER PERSONNEL SUPPORT | 243,491 | 243,491 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 200 | REAL ESTATE MANAGEMENT | 3,087 | 3,087 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 436,800 | 445,000 | +8,200 |
| | HISTORICAL UNOBLIGATION | --- | -54,000 | -54,000 |
| | TRAUMA TRAINING | --- | 3,000 | +3,000 |
| | TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD | 8,157,237 | 8,094,937 | -62,300 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATION AND MAINTENANCE, AIR NATIONAL GUARD | | | |
| | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| | AIR OPERATIONS | | | |
| 10 | AIRCRAFT OPERATIONS | 2,301,784 | 2,294,784 | -7,000 |
| 20 | MISSION SUPPORT OPERATIONS | 587,793 | 598,193 | +10,400 |
| 30 | DEPOT PURCHASE EQUIPMENT MAINTENANCE | 1,193,699 | 1,201,699 | +8,000 |
| 40 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 437,042 | 471,042 | +34,000 |
| 50 | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT | 1,284,264 | 1,269,264 | -15,000 |
| 60 | BASE SUPPORT | 967,169 | 969,569 | +2,400 |
| 70 | CYBERSPACE SUSTAINMENT | 12,661 | 12,661 | --- |
| 80 | CYBERSPACE ACTIVITIES | 15,886 | 15,886 | --- |
| | TOTAL, BUDGET ACTIVITY 1 | 6,800,298 | 6,833,098 | +32,800 |
| | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 90 | ADMINISTRATION | 52,075 | 52,075 | --- |
| 100 | RECRUITING AND ADVERTISING | 48,306 | 48,306 | --- |
| | TOTAL, BUDGET ACTIVITY 4 | 100,381 | 100,381 | --- |
| | HISTORICAL UNOBLIGATION | --- | -30,000 | -30,000 |
| | TRAUMA TRAINING | --- | 3,000 | +3,000 |
| | DENY CLOSURE OF COMBAT READINESS TRAINING CENTER | --- | 2,500 | +2,500 |
| | TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD | 6,900,679 | 6,908,979 | +8,300 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | MISCELLANEOUS | | | |
| 10 | U.S. COURT OF APPEALS FOR THE ARMED FORCES | 16,003 | 16,003 | --- |
| 50 | ENVIRONMENTAL RESTORATION, ARMY | 196,244 | 273,700 | +77,456 |
| | TOTAL, ENVIRONMENTAL RESTORATION, ARMY | 196,244 | 273,700 | +77,456 |
| 60 | ENVIRONMENTAL RESTORATION, NAVY | 359,348 | 390,113 | +30,765 |
| 70 | ENVIRONMENTAL RESTORATION, AIR FORCE | 314,474 | 438,810 | +124,336 |
| 80 | ENVIRONMENTAL RESTORATION, DEFENSE-WIDE | 8,924 | 10,979 | +2,055 |
| 90 | ENVIRONMENTAL RESTORATION, FORMERLY USED SITES | 227,262 | 292,580 | +65,318 |
| | SUPPORT OF INTERNATIONAL SPORTING COMPETITIONS, DEFENSE | 10,377 | 10,377 | --- |
| 10 | OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID | 112,800 | 150,000 | +37,200 |
| 10 | COOPERATIVE THREAT REDUCTION | 341,598 | 351,598 | +10,000 |
| 10 | DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT | 53,791 | 53,791 | --- |
| | TOTAL, OPERATION & MAINTENANCE, MISCELLANEOUS | 1,640,821 | 1,987,951 | +347,130 |
| | OFFICE OF THE INSPECTOR GENERAL | | | |
| 10 | OFFICE OF THE INSPECTOR GENERAL | 474,650 | 474,650 | --- |
| 20 | OFFICE OF THE INSPECTOR GENERAL - CYBER | 1,321 | 1,321 | --- |
| 30 | RESEARCH, DEVELOPMENT, TEST AND EVALUATION | 1,864 | 1,864 | --- |
| 40 | PROCUREMENT | 1,524 | 1,524 | --- |
| | TOTAL, OFFICE OF THE INSPECTOR GENERAL | 479,359 | 479,359 | --- |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | DEFENSE HEALTH PROGRAM | | | |
| | OPERATION AND MAINTENANCE | | | |
| 10 | IN-HOUSE CARE | 9,906,943 | 9,864,958 | -41,985 |
| 20 | PRIVATE SECTOR CARE | 18,455,209 | 18,342,836 | -112,373 |
| 30 | CONSOLIDATED HEALTH SUPPORT | 1,916,366 | 1,899,949 | -16,417 |
| 40 | INFORMATION MANAGEMENT | 2,251,151 | 2,243,677 | -7,474 |
| 50 | MANAGEMENT ACTIVITIES | 338,678 | 338,678 | --- |
| 60 | EDUCATION AND TRAINING | 334,845 | 342,345 | +7,500 |
| 70 | BASE OPERATIONS/COMMUNICATIONS | 2,111,558 | 2,108,900 | -2,658 |
| | SUBTOTAL, OPERATION AND MAINTENANCE | 35,314,750 | 35,141,343 | -173,407 |
| | PROCUREMENT | | | |
| 150 | INITIAL OUTFITTING | 21,625 | 21,625 | --- |
| 160 | REPLACEMENT AND MODERNIZATION | 234,157 | 234,157 | --- |
| 180 | MILITARY HEALTH SYSTEM - DESKTOP TO DATACENTER | 74,068 | 74,068 | --- |
| 180 | DOD HEALTH MANAGEMENT SYSTEM MODERNIZATION | 240,224 | 240,224 | --- |
| | SUBTOTAL, PROCUREMENT | 570,074 | 570,074 | --- |
| | RESEARCH DEVELOPMENT TEST AND EVALUATION | | | |
| 80 | RESEARCH | 39,568 | 39,568 | --- |
| 90 | EXPLORATORY DEVELOPMENT | 175,477 | 187,477 | +12,000 |
| 100 | ADVANCED DEVELOPMENT | 320,862 | 462,362 | +141,500 |
| 110 | DEMONSTRATION/VALIDATION | 166,960 | 186,600 | +19,640 |
| 120 | ENGINEERING DEVELOPMENT | 103,970 | 103,970 | --- |
| 130 | MANAGEMENT AND SUPPORT | 85,186 | 85,186 | --- |
| 140 | CAPABILITIES ENHANCEMENT | 17,971 | 17,971 | --- |
| 150 | UNDISTRIBUTED MEDICAL RESEARCH | --- | 1,164,000 | +1,164,000 |
| | DOD MEDICAL INFORMATION EXCHANGE AND INTEROPERABILITY (DMIX) / ENTERPRISE INTELLIGENCE AND DATA SOLUTIONS (IDS) | 137,356 | 113,881 | -23,475 |
| | SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION | 1,047,350 | 2,361,015 | +1,313,665 |
| | SOFTWARE & TECHNOLOGY PILOT PROGRAMS | | | |
| | TOTAL, DEFENSE HEALTH PROGRAM | 36,932,174 | 38,072,432 | +1,140,258 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE | | | |
| 1 | CHEM DEMILITARIZATION - OPERATION AND MAINTENANCE..... | 84,612 | 84,612 | --- |
| | TEST AND EVALUATION..... | 975,206 | 975,206 | --- |
| | TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE..... | 1,059,818 | 1,059,818 | --- |
| | DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE | | | |
| 10 | COUNTER-NARCOTICS SUPPORT..... | 619,474 | 547,878 | -71,596 |
| 20 | DRUG DEMAND REDUCTION PROGRAM..... | 130,060 | 130,060 | --- |
| 30 | NATIONAL GUARD COUNTER-DRUG PROGRAM..... | 100,316 | 194,211 | +93,895 |
| 40 | NATIONAL GUARD COUNTER-DRUG SCHOOLS..... | 5,878 | 5,878 | --- |
| | TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES..... | 855,728 | 878,027 | +22,299 |

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| OFFICE OF THE INSPECTOR GENERAL | | | |
| OFFICE OF THE INSPECTOR GENERAL | 479,359 | 479,359 | --- |
| DEFENSE HEALTH PROGRAM | | | |
| OPERATION AND MAINTENANCE | 35,314,750 | 35,141,343 | -173,407 |
| PROCUREMENT | 570,074 | 570,074 | --- |
| RESEARCH DEVELOPMENT TEST AND EVALUATION | 1,047,350 | 2,361,015 | +1,313,665 |
| TOTAL, DEFENSE HEALTH PROGRAM | 36,932,174 | 38,072,432 | +1,140,258 |
| DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE | 855,728 | 878,027 | +22,299 |
| CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE | | | |
| CHEM DEMILITARIZATION - O&M | 84,612 | 84,612 | --- |
| TEST AND EVALUATION | 975,206 | 975,206 | --- |
| TOTAL, CHEM AGENTS & MUNITIONS DESTRUCTION, DEFENSE | 1,059,818 | 1,059,818 | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | AIRCRAFT PROCUREMENT, ARMY | | | | | | |
| | AIRCRAFT | | | | | | |
| | FIXED WING | | | | | | |
| 1 | UTILITY F/W AIRCRAFT | --- | --- | --- | --- | --- | --- |
| 4 | SMALL UNMANNED AIRCRAFT SYSTEM | --- | 10,598 | --- | 10,598 | --- | --- |
| | ROTARY | | | | | | |
| 7 | AH-64 APACHE BLOCK IIIA REMAN | 35 | 524,661 | 35 | 524,661 | --- | --- |
| 8 | AH-64 APACHE BLOCK IIIA REMAN (AP-CY) | --- | 169,218 | --- | 169,218 | --- | --- |
| 10 | UH-60 BLACKHAWK (MYP) | 25 | 650,406 | 35 | 923,406 | +10 | +273,000 |
| 11 | UH-60 BLACKHAWK (MYP) (AP-CY) | --- | 68,147 | --- | 68,147 | --- | --- |
| 12 | UH-60 BLACKHAWK L AND V MODELS | 28 | 178,658 | 28 | 178,658 | --- | --- |
| 13 | CH-47 HELICOPTER | 6 | 169,149 | 6 | 169,149 | --- | --- |
| 14 | CH-47 HELICOPTER (AP-CY) | --- | 18,749 | --- | 18,749 | --- | --- |
| | TOTAL, AIRCRAFT | --- | 1,789,586 | --- | 2,062,586 | | +273,000 |
| | MODIFICATION OF AIRCRAFT | | | | | | |
| 16 | MQ-1 PAYLOAD | --- | 57,700 | --- | 57,700 | --- | --- |
| 18 | GRAY EAGLE MODS2 | --- | 13,038 | --- | 143,038 | --- | +130,000 |
| 19 | MULTI SENSOR ABN RECON | --- | 21,380 | --- | 21,380 | --- | --- |
| 20 | AH-64 MODS | --- | 85,840 | --- | 85,840 | --- | --- |
| 21 | CH-47 CARGO HELICOPTER MODS (MYP) | --- | 11,215 | --- | 51,215 | --- | +40,000 |
| 22 | GRCS SEMA MODS | --- | --- | --- | --- | --- | --- |
| 23 | ARL SEMA MODS | --- | --- | --- | --- | --- | --- |
| 24 | EMARSS SEMA MODS | --- | 1,591 | --- | 1,591 | --- | --- |
| 25 | UTILITY/CARGO AIRPLANE MODS | --- | --- | --- | --- | --- | --- |
| 26 | UTILITY HELICOPTER MODS | --- | 21,346 | --- | 21,346 | --- | --- |
| 27 | NETWORK AND MISSION PLAN | --- | 44,526 | --- | 44,526 | --- | --- |
| 28 | COMMS, NAV SURVEILLANCE | --- | 72,387 | --- | 72,387 | --- | --- |
| 30 | AVIATION ASSURED PNT | --- | 71,130 | --- | 69,320 | --- | -1,810 |
| 31 | GATM ROLLUP | --- | 14,683 | --- | 14,683 | --- | --- |
| 32 | RQ-7 UAV MODS | --- | --- | --- | --- | --- | --- |
| 33 | UAS MODS | --- | --- | --- | --- | --- | --- |
| | TOTAL, MODIFICATION OF AIRCRAFT | --- | 414,836 | --- | 583,026 | | +168,190 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| | GROUND SUPPORT AVIONICS | | | | | | |
| 34 | AIRCRAFT SURVIVABILITY EQUIPMENT | --- | 167,927 | --- | 167,927 | --- | --- |
| 35 | SURVIVABILITY CM | --- | 6,622 | --- | 6,622 | --- | --- |
| 36 | CMWS | --- | 107,112 | --- | 107,112 | --- | --- |
| 37 | COMMON INFRARED COUNTERMEASURES (CIRCM) | 125 | 288,209 | 125 | 274,334 | --- | -13,875 |
| | OTHER SUPPORT | | | | | | |
| 39 | COMMON GROUND EQUIPMENT | --- | 20,823 | --- | 20,823 | --- | --- |
| 40 | AIRCREW INTEGRATED SYSTEMS | --- | 25,773 | --- | 25,773 | --- | --- |
| 41 | AIR TRAFFIC CONTROL | --- | 27,492 | --- | 27,492 | --- | --- |
| 42 | LAUNCHER, 2.75 ROCKET | --- | 1,275 | --- | 1,275 | --- | --- |
| | TOTAL, SUPPORT EQUIPMENT AND FACILITIES | --- | 645,233 | --- | 631,358 | | -13,875 |
| | TOTAL, AIRCRAFT PROCUREMENT, ARMY | --- | 2,849,655 | --- | 3,276,970 | | +427,315 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MISSILE PROCUREMENT, ARMY | | | | | | |
| | OTHER MISSILES | | | | | | |
| | SURFACE-TO-AIR MISSILE SYSTEM | | | | | | |
| 1 | LOWER TIER AIR AND MISSILE DEFENSE (AMD) | --- | 4,260 | --- | 4,260 | --- | --- |
| 2 | LOWER TIER AIR AND MISSILE DEFENSE (AMD) (AP-CY) | --- | 9,200 | --- | 9,200 | --- | --- |
| 3 | M-SHORAD - PROCUREMENT | 6 | 135,747 | 6 | 135,747 | --- | --- |
| 4 | MSE MISSILE | 252 | 1,037,093 | 252 | 1,037,093 | --- | --- |
| 5 | PRECISION STRIKE MISSILE (PRSM) | 120 | 213,172 | 120 | 213,172 | --- | --- |
| 6 | INDIRECT FIRE PROTECTION CAPABILITY INC 2 - I | --- | 18,924 | --- | 18,924 | --- | --- |
| | AIR-TO-SURFACE MISSILE SYSTEM | | | | | | |
| 7 | HELLFIRE SYS SUMMARY | 752 | 111,294 | 752 | 101,401 | --- | -9,893 |
| 8 | JOINT AIR-TO-GROUND MSLS (JAGM) | 713 | 216,030 | 713 | 216,030 | --- | --- |
| 9 | LONG RANGE PRESCISION MUNITION | --- | --- | --- | --- | --- | --- |
| 10 | LONG-RANGE HYPERSONIC WEAPON | --- | 249,285 | --- | 249,285 | --- | --- |
| | ANTI-TANK/ASSAULT MISSILE SYSTEM | | | | | | |
| 11 | JAVELIN (AAWS-M) SYSTEM SUMMARY | 582 | 162,968 | 582 | 162,968 | --- | --- |
| 12 | TOW 2 SYSTEM SUMMARY | 893 | 105,423 | 893 | 103,866 | --- | -1,557 |
| 13 | GUIDED MLRS ROCKET (GMLRS) | 4,674 | 785,028 | 4,674 | 785,028 | --- | --- |
| 14 | MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) | 342 | 4,354 | 342 | 4,354 | --- | --- |
| 15 | HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) | 23 | 155,705 | 23 | 155,705 | --- | --- |
| 16 | LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS | --- | 37,937 | --- | 37,937 | --- | --- |
| | TOTAL, OTHER MISSILES | --- | 3,246,420 | --- | 3,234,970 | | -11,450 |
| | MODIFICATION OF MISSILES | | | | | | |
| | MODIFICATIONS | | | | | | |
| 17 | PATRIOT MODS | --- | 253,689 | --- | 253,689 | --- | --- |
| 19 | AVENGER MODS | --- | --- | --- | --- | --- | --- |
| 20 | ITAS/TOW MODS | --- | 5,154 | --- | 5,154 | --- | --- |
| 21 | MLRS MODS | --- | 218,359 | --- | 218,359 | --- | --- |
| 22 | HIMARS MODIFICATIONS | --- | 20,468 | --- | 20,468 | --- | --- |
| | TOTAL, MODIFICATION OF MISSILES | | 497,670 | | 497,670 | | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SPARES AND REPAIR PARTS | | | | | | |
| 23 | SPARES AND REPAIR PARTS | --- | 6,508 | --- | 6,508 | --- | --- |
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| 24 | AIR DEFENSE TARGETS | --- | 11,317 | --- | 11,317 | --- | --- |
| | TOTAL, SUPPORT EQUIPMENT AND FACILITIES | --- | 11,317 | --- | 11,317 | | --- |
| | TOTAL, MISSILE PROCUREMENT, ARMY | | 3,761,915 | | 3,750,465 | | -11,450 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY | | | | | | |
| | TRACKED COMBAT VEHICLES | | | | | | |
| 1 | ARMORED MULTI PURPOSE VEHICLE (AMPV) | 72 | 380,677 | 72 | 380,677 | --- | --- |
| 2 | ASSAULT BREACHER VEHICLE (ABV) | --- | 3,852 | --- | 3,852 | --- | --- |
| 3 | MOBILE PROTECTED FIREPOWER | 28 | 356,708 | 28 | 354,708 | --- | -2,000 |
| | MODIFICATION OF TRACKED COMBAT VEHICLES | | | | | | |
| 4 | STRYKER UPGRADE | 102 | 671,271 | 102 | 642,957 | --- | -28,314 |
| 5 | BRADLEY PROGRAM (MOD) | --- | 279,531 | --- | 212,845 | --- | -66,686 |
| 6 | M109 FOV MODIFICATIONS | --- | 3,028 | --- | 3,028 | --- | --- |
| 7 | PALADIN INTEGRATED MANAGEMENT (PIM) | 27 | 493,003 | 48 | 680,089 | +21 | +187,086 |
| 8 | IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) | 12 | 138,759 | 12 | 132,203 | --- | -6,556 |
| 9 | ASSAULT BRIDGE (MOD) | --- | --- | --- | --- | --- | --- |
| 12 | JOINT ASSAULT BRIDGE | 6 | 36,990 | 6 | 36,990 | --- | --- |
| 14 | ABRAMS UPGRADE PROGRAM | 44 | 656,340 | 44 | 634,340 | --- | -22,000 |
| 15 | VEHICLE PROTECTION SYSTEMS (VPS) | --- | --- | --- | --- | --- | --- |
| | TOTAL, TRACKED COMBAT VEHICLES | --- | 3,020,159 | --- | 3,081,689 | | +61,530 |
| | WEAPONS AND OTHER COMBAT VEHICLES | | | | | | |
| 16 | M240 MEDIUM MACHINE GUN (7.62MM) | --- | --- | --- | --- | --- | --- |
| 17 | MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPONS | --- | 26,627 | --- | 26,627 | --- | --- |
| 18 | MORTAR SYSTEMS | --- | 8,516 | --- | 8,516 | --- | --- |
| 19 | LOCATION & AZIMUTH DETERMINATION SYSTEM (LADS | --- | 48,301 | --- | 48,301 | --- | --- |
| 20 | XM320 GRENADE LAUNCHER MODULE (GLM) | --- | 11,703 | --- | 11,703 | --- | --- |
| 21 | PRECISION SNIPER RIFLE | --- | 6,436 | --- | 6,436 | --- | --- |
| 23 | CARBINE | --- | --- | --- | --- | --- | --- |
| 24 | NEXT GENERATION SQUAD WEAPON | --- | 221,293 | --- | 185,035 | --- | -36,258 |
| 26 | HANDGUN | --- | --- | --- | --- | --- | --- |
| | MOD OF WEAPONS AND OTHER COMBAT VEH | | | | | | |
| 27 | MK-19 GRENADE MACHINE GUN MODS | --- | --- | --- | --- | --- | --- |
| 28 | M777 MODS | --- | 3,374 | --- | 3,374 | --- | --- |
| 30 | M2 50 CAL MACHINE GUN MODS | --- | --- | --- | 3,000 | --- | +3,000 |
| 33 | M119 MODIFICATIONS | --- | 2,263 | --- | 2,263 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| 36 | ITEMS LESS THAN $5.0M (WOCV-WTCV)..... | --- | 2,138 | --- | 2,138 | --- | --- |
| 37 | PRODUCTION BASE SUPPORT (WOCV-WTCV)..... | --- | 225,220 | --- | 225,220 | --- | --- |
| | TOTAL, WEAPONS AND OTHER COMBAT VEHICLES..... | --- | 555,871 | --- | 522,613 | | -33,258 |
| | TOTAL, PROCUREMENT OF W&TCV, ARMY..... | --- | 3,576,030 | --- | 3,604,302 | | +28,272 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT OF AMMUNITION, ARMY | | | | | | |
| | AMMUNITION | | | | | | |
| | SMALL/MEDIUM CAL AMMUNITION | | | | | | |
| 1 | CTG, 5.56MM, ALL TYPES | --- | 59,447 | --- | 64,724 | --- | +5,277 |
| 2 | CTG, 7.62MM, ALL TYPES | --- | 90,019 | --- | 96,364 | --- | +6,345 |
| 3 | NEXT GENERATION SQUAD WEAPON AMMUNITION | --- | 128,662 | --- | 96,496 | --- | -32,166 |
| 4 | CTG, HANDGUN, ALL TYPES | --- | 317 | --- | 317 | --- | --- |
| 5 | CTG, .50 CAL, ALL TYPES | --- | 35,849 | --- | 41,133 | --- | +5,284 |
| 6 | CTG, 20MM, ALL TYPES | --- | 11,761 | --- | 11,761 | --- | --- |
| 7 | CTG, 25MM, ALL TYPES | --- | 10,270 | --- | 10,270 | --- | --- |
| 8 | CTG, 30MM, ALL TYPES | --- | 143,045 | --- | 143,045 | --- | --- |
| 9 | CTG, 40MM, ALL TYPES | --- | 85,213 | --- | 82,199 | --- | -3,014 |
| | MORTAR AMMUNITION | | | | | | |
| 10 | 60MM MORTAR, ALL TYPES | --- | 33,338 | --- | 30,262 | --- | -3,076 |
| 11 | 81MM MORTAR, ALL TYPES | --- | 56,577 | --- | 54,416 | --- | -2,161 |
| 12 | 120MM MORTAR, ALL TYPES | --- | 127,168 | --- | 117,101 | --- | -10,067 |
| | TANK AMMUNITION | | | | | | |
| 13 | CTG TANK 105MM AND 120MM: ALL TYPES | --- | 296,943 | --- | 296,943 | --- | --- |
| | ARTILLERY AMMUNITION | | | | | | |
| 14 | CTG, ARTY, 75MM AND 105MM: ALL TYPES | --- | 7,647 | --- | 7,647 | --- | --- |
| 15 | ARTILLERY PROJECTILE, 155MM, ALL TYPES | --- | 182,455 | --- | 184,969 | --- | +2,514 |
| 16 | PROJ 155MM EXTENDED RANGE XM982 | --- | --- | --- | --- | --- | --- |
| 17 | PRECISION ARTILLERY MUNITIONS | --- | 166,334 | --- | 156,371 | --- | -9,963 |
| 18 | ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES | --- | 143,763 | --- | 126,661 | --- | -17,102 |
| | MINES | | | | | | |
| 19 | MINES AND CLEARING CHARGES, ALL TYPES | --- | 80,920 | --- | 76,646 | --- | -4,274 |
| 20 | CLOSE TERRAIN SHAPING OBSTACLE | --- | 53,579 | --- | 53,579 | --- | --- |
| | ROCKETS | | | | | | |
| 21 | SHOULDER LAUNCHED MUNITIONS, ALL TYPES | --- | 18,159 | --- | 18,159 | --- | --- |
| 22 | ROCKET, HYDRA 70, ALL TYPES | --- | 171,697 | --- | 171,697 | --- | --- |
| | OTHER AMMUNITION | | | | | | |
| 23 | CAD/PAD ALL TYPES | --- | 7,643 | --- | 7,643 | --- | --- |
| 24 | DEMOLITION MUNITIONS, ALL TYPES | --- | 29,796 | --- | 29,796 | --- | --- |
| 25 | GRENADES, ALL TYPES | --- | 36,251 | --- | 36,251 | --- | --- |
| 26 | SIGNALS, ALL TYPES | --- | 13,852 | --- | 13,852 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 27 | SIMULATORS, ALL TYPES | --- | 9,350 | --- | 9,350 | --- | --- |
| 28 | REACTIVE ARMOR TILES | --- | --- | --- | --- | --- | --- |
| | MISCELLANEOUS | | | | | | |
| 29 | AMMO COMPONENTS, ALL TYPES | --- | 3,823 | --- | 3,823 | --- | --- |
| 30 | ITEMS LESS THAN $5 MILLION | --- | 19,921 | --- | 19,921 | --- | --- |
| 31 | AMMUNITION PECULIAR EQUIPMENT | --- | 13,001 | --- | 13,001 | --- | --- |
| 32 | FIRST DESTINATION TRANSPORTATION (AMMO) | --- | 17,528 | --- | 17,528 | --- | --- |
| 33 | CLOSEOUT LIABILITIES | --- | 101 | --- | 101 | --- | --- |
| | TOTAL, AMMUNITION | | 2,054,429 | | 1,992,026 | | -62,403 |
| | AMMUNITION PRODUCTION BASE SUPPORT | | | | | | |
| | PRODUCTION BASE SUPPORT | | | | | | |
| 34 | INDUSTRIAL FACILITIES | --- | 499,613 | --- | 499,613 | --- | --- |
| 35 | CONVENTIONAL MUNITIONS DEMILITARIZATION | --- | 80,970 | --- | 80,970 | --- | --- |
| 36 | ARMS INITIATIVE | --- | 4,039 | --- | 4,039 | --- | --- |
| | TOTAL, AMMUNITION PRODUCTION BASE SUPPORT | --- | 584,622 | --- | 584,622 | | --- |
| | TOTAL, PROCUREMENT OF AMMUNITION, ARMY | --- | 2,639,051 | --- | 2,576,648 | | -62,403 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OTHER PROCUREMENT, ARMY | | | | | | |
| | TACTICAL AND SUPPORT VEHICLES | | | | | | |
| | TACTICAL VEHICLES | | | | | | |
| 2 | SEMITRAILERS, FLATBED: | --- | 23,021 | --- | 23,021 | --- | --- |
| 3 | SEMITRAILERS, TANKERS | --- | 21,869 | --- | 19,369 | --- | -2,500 |
| 4 | HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV) | --- | 6,121 | --- | 6,121 | --- | --- |
| 5 | GROUND MOBILITY VEHICLES (GMV) | --- | 34,316 | --- | 44,316 | --- | +10,000 |
| 6 | ARNG HMMWV MODERNIZATION PROGRAM | --- | --- | --- | 120,000 | --- | +120,000 |
| 7 | JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES | --- | 703,110 | --- | 686,396 | --- | -16,714 |
| 8 | TRUCK, DUMP, 20t (CCE) | --- | --- | --- | 30,000 | --- | +30,000 |
| 9 | FAMILY OF MEDIUM TACTICAL VEH (FMTV) | --- | 74,086 | --- | 63,175 | --- | -10,911 |
| 10 | FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C) | --- | 23,772 | --- | 23,772 | --- | --- |
| 11 | FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN | --- | 39,950 | --- | 39,950 | --- | --- |
| 12 | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) | --- | 96,112 | --- | 89,642 | --- | -6,470 |
| 13 | PLS ESP | --- | 54,674 | --- | 54,674 | --- | --- |
| 15 | TACTICAL WHEELED VEHICLE PROTECTION KITS | --- | --- | --- | 20,000 | --- | +20,000 |
| 16 | MODIFICATION OF IN SVC EQUIP | --- | 31,819 | --- | 82,319 | --- | +50,500 |
| | NON-TACTICAL VEHICLES | | | | | | |
| 17 | PASSENGER CARRYING VEHICLES | --- | 1,286 | --- | 1,286 | --- | --- |
| 18 | NONTACTICAL VEHICLES, OTHER | --- | 15,059 | --- | 15,059 | --- | --- |
| | TOTAL, TACTICAL AND SUPPORT VEHICLES | --- | 1,125,195 | --- | 1,319,100 | | +193,905 |
| | COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| | COMM - JOINT COMMUNICATIONS | | | | | | |
| 19 | SIGNAL MODERNIZATION PROGRAM | --- | 179,853 | --- | 179,853 | --- | --- |
| 20 | TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE | --- | 382,007 | --- | 420,407 | --- | +38,400 |
| 22 | DISASTER INCIDENT RESPONSE COMMS TERMINAL (DI | --- | 4,066 | --- | 4,066 | --- | --- |
| 23 | JCSE EQUIPMENT (USREDCOM) | --- | 5,505 | --- | 5,505 | --- | --- |
| | COMM - SATELLITE COMMUNICATIONS | | | | | | |
| 26 | DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS | --- | 107,228 | --- | 107,228 | --- | --- |
| 27 | TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS | --- | 119,259 | --- | 109,836 | --- | -9,423 |
| 28 | SHF TERM | --- | 23,173 | --- | 23,173 | --- | --- |
| 29 | ASSURED POSITIONING, NAVIGATION AND TIMING | --- | 184,911 | --- | 184,911 | --- | --- |
| 30 | EHF SATELLITE COMMUNICATION | --- | 5,853 | --- | 5,853 | --- | --- |
| 31 | SMART-T (SPACE) | --- | 4,916 | --- | 4,916 | --- | --- |
| 32 | GLOBAL BRDCST SVC - GBS | --- | 3,179 | --- | 3,179 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| | COMM - COMBAT SUPPORT COMM | | | | | | |
| | COMM - C3 SYSTEM | | | | | | |
| 34 | COE TACTICAL SERVER INFRASTRUCTURE (TSI) | --- | 94,287 | --- | 94,287 | --- | --- |
| | COMM - COMBAT COMMUNICATIONS | | | | | | |
| 35 | HANDHELD MANPACK SMALL FORM FIT (HMS) | --- | 728,366 | --- | 682,375 | --- | -45,991 |
| 37 | ARMY LINK 16 SYSTEMS | --- | 47,581 | --- | 47,581 | --- | --- |
| 38 | TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM | --- | --- | --- | 15,000 | --- | +15,000 |
| 39 | UNIFIED COMMAND SUITE | --- | 20,178 | --- | 30,178 | --- | +10,000 |
| 40 | COTS COMMUNICATIONS EQUIPMENT | --- | 320,595 | --- | 323,654 | --- | +3,059 |
| 41 | FAMILY OF MED COMM FOR COMBAT CASUALTY CARE | --- | 7,621 | --- | 7,621 | --- | --- |
| 42 | ARMY COMMUNICATIONS & ELECTRONICS | --- | 59,705 | --- | 59,705 | --- | --- |
| | COMM - INTELLIGENCE COMM | | | | | | |
| 43 | CI AUTOMATION ARCHITECTURE (MIP) | --- | 13,891 | --- | 13,891 | --- | --- |
| 45 | MULTI-DOMAIN INTELLIGENCE | --- | 20,637 | --- | 20,637 | --- | --- |
| | INFORMATION SECURITY | | | | | | |
| 46 | INFORMATION SYSTEM SECURITY PROGRAM-ISSP | --- | 1,019 | --- | 1,019 | --- | --- |
| 47 | COMMUNICATIONS SECURITY (COMSEC) | --- | 125,692 | --- | 125,692 | --- | --- |
| 49 | INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITO | --- | 1,796 | --- | 1,796 | --- | --- |
| 51 | BIOMETRIC ENABLING CAPABILITY (BEC) | --- | 816 | --- | 816 | --- | --- |
| 52 | ARCYBER DEFENSIVE CYBER OPERATIONS | --- | 18,239 | --- | 18,239 | --- | --- |
| | COMM - LONG HAUL COMMUNICATIONS | | | | | | |
| 54 | BASE SUPPORT COMMUNICATIONS | --- | 10,262 | --- | 25,262 | --- | +15,000 |
| | COMM - BASE COMMUNICATIONS | | | | | | |
| 55 | INFORMATION SYSTEMS | --- | 116,522 | --- | 93,999 | --- | -22,523 |
| 56 | EMERGENCY MANAGEMENT MODERNIZATION PROGRAM | --- | 5,036 | --- | 5,036 | --- | --- |
| 59 | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM | --- | 214,806 | --- | 214,806 | --- | --- |
| | ELECT EQUIP | | | | | | |
| | ELECT EQUIP - TACT INT REL ACT (TIARA) | | | | | | |
| 62 | TITAN | --- | 84,821 | --- | --- | --- | -84,821 |
| 63 | JTT/CIBS-M (MIP) | --- | 2,352 | --- | 2,352 | --- | --- |
| 64 | TERRESTRIAL LAYER SYSTEMS (TLS) | --- | 88,915 | --- | 8,373 | --- | -80,542 |
| 66 | DCGS-A INTEL | --- | 76,771 | --- | 96,451 | --- | +19,680 |
| 67 | JOINT TACTICAL GROUND STATION (JTAGS)-INTEL | --- | 349 | --- | 349 | --- | --- |
| 68 | TROJAN | --- | 20,562 | --- | 20,562 | --- | --- |
| 69 | MOD OF IN-SVC EQUIP (INTEL SPT) | --- | 30,424 | --- | 40,424 | --- | +10,000 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 70 | BIOMETRIC TACTICAL COLLECTION DEVICES | --- | 2,269 | --- | 2,269 | --- | --- |
| | ELECT EQUIP - ELECTRONIC WARFARE (EW) | | | | | | |
| 73 | AIR VIGILANCE (AV) | --- | 5,688 | --- | 5,688 | --- | --- |
| 74 | MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST | --- | 3,060 | --- | 3,060 | --- | --- |
| 76 | COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES | --- | 19,519 | --- | 15,019 | --- | -4,500 |
| 77 | CI MODERNIZATION | --- | 437 | --- | 437 | --- | --- |
| | ELECT EQUIP - TACTICAL SURV. (TAC SURV) | | | | | | |
| 78 | SENTINEL MODS | --- | 166,736 | --- | 166,736 | --- | --- |
| 79 | NIGHT VISION DEVICES | --- | 424,253 | --- | 99,229 | --- | -325,024 |
| 80 | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF | --- | 11,357 | --- | 11,357 | --- | --- |
| 82 | FAMILY OF WEAPON SIGHTS (FWS) | --- | 202,258 | --- | 195,818 | --- | -6,440 |
| 83 | ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE | --- | 5,116 | --- | 5,116 | --- | --- |
| 84 | FORWARD LOOKING INFRARED (IFLIR) | --- | 37,914 | --- | 37,914 | --- | --- |
| 85 | COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS) | --- | 326,364 | --- | 346,364 | --- | +20,000 |
| 86 | JOINT BATTLE COMMAND - PLATFORM (JBC-P) | --- | 186,515 | --- | 186,515 | --- | --- |
| 87 | JOINT EFFECTS TARGETING SYSTEM (JETS) | --- | 10,304 | --- | 5,152 | --- | -5,152 |
| 88 | COMPUTER BALLISTICS: LHMBC XM32 | --- | 3,038 | --- | 3,038 | --- | --- |
| 89 | MORTAR FIRE CONTROL SYSTEM | --- | 4,879 | --- | 4,879 | --- | --- |
| 90 | MORTAR FIRE CONTROL SYSTEM MODIFICATIONS | --- | 4,370 | --- | 4,370 | --- | --- |
| 91 | COUNTERFIRE RADARS | --- | 162,208 | --- | 162,208 | --- | --- |
| | ELECT EQUIP - TACTICAL C2 SYSTEMS | | | | | | |
| 92 | ARMY COMMAND POST INTEGRATED INFRASTRUCTURE | --- | 60,455 | --- | 80,455 | --- | +20,000 |
| 93 | FIRE SUPPORT C2 FAMILY | --- | 9,676 | --- | 9,676 | --- | --- |
| 94 | AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD | --- | 72,619 | --- | 72,619 | --- | --- |
| 95 | IAMD BATTLE COMMAND SYSTEM | --- | 438,967 | --- | 438,967 | --- | --- |
| 96 | LIFE CYCLE SOFTWARE SUPPORT (LCSS) | --- | 4,586 | --- | 4,586 | --- | --- |
| 97 | NETWORK MANAGEMENT INITIALIZATION AND SERVICE | --- | 37,199 | --- | 37,199 | --- | --- |
| 98 | GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) | --- | 4,102 | --- | 4,102 | --- | --- |
| 99 | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY | --- | 6,926 | --- | 6,926 | --- | --- |
| 101 | MOD OF IN-SERVICE EQUIPMENT (ENFIRE) | --- | 4,076 | --- | 15,076 | --- | +11,000 |
| | ELECT EQUIP - AUTOMATION | | | | | | |
| 102 | ARMY TRAINING MODERNIZATION | --- | 8,033 | --- | 8,033 | --- | --- |
| 103 | AUTOMATED DATA PROCESSING EQUIPMENT | --- | 96,554 | --- | 96,554 | --- | --- |
| 104 | ACCESSIONS INFORMATION ENVIRONMENT (AIE) | --- | 43,767 | --- | --- | --- | -43,767 |
| 105 | GENERAL FUND ENTERPRISE BUSINESS SYSTEM | --- | 97 | --- | 97 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 106 | HIGH PERF COMPUTING MOD PROGRAM | --- | 73,655 | --- | 73,655 | --- | --- |
| 107 | CONTRACT WRITING SYSTEM | --- | 17,701 | --- | 4,075 | --- | -13,626 |
| 108 | CSS COMMUNICATIONS | --- | 88,141 | --- | 88,141 | --- | --- |
| | ELECT EQUIP - AUDIO VISUAL SYS (A/V) | | | | | | |
| | ELECT EQUIP - SUPPORT | | | | | | |
| 111 | BCT EMERGING TECHNOLOGIES | --- | 12,853 | --- | 12,853 | --- | --- |
| 999 | CLASSIFIED PROGRAMS | --- | 1,596 | --- | 1,596 | --- | --- |
| | TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | --- | 5,688,481 | --- | 5,208,811 | | -479,670 |
| | OTHER SUPPORT EQUIPMENT | | | | | | |
| | CHEMICAL DEFENSIVE EQUIPMENT | | | | | | |
| 112 | FAMILY OF NON-LETHAL EQUIPMENT (FNLE) | --- | --- | --- | 12,000 | --- | +12,000 |
| 113 | BASE DEFENSE SYSTEMS (BDS) | --- | 47,960 | --- | 47,960 | --- | --- |
| 114 | CBRN DEFENSE | --- | 56,129 | --- | 56,129 | --- | --- |
| | BRIDGING EQUIPMENT | | | | | | |
| 116 | TACTICAL BRIDGING | --- | 13,785 | --- | 13,785 | --- | --- |
| 118 | BRIDGE SUPPLEMENTAL SET | --- | 6,774 | --- | 1,045 | --- | -5,729 |
| 119 | COMMON BRIDGE TRANSPORTER RECAP | --- | 10,379 | --- | 10,379 | --- | --- |
| | ENGINEER (NON-CONSTRUCTION) EQUIPMENT | | | | | | |
| 124 | ROBOTICS AND APPLIQUE SYSTEMS | --- | 52,340 | --- | 52,340 | --- | --- |
| | COMBAT SERVICE SUPPORT EQUIPMENT | | | | | | |
| 127 | HEATERS AND ECU'S | --- | 7,672 | --- | 7,672 | --- | --- |
| 129 | PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) | --- | 4,691 | --- | 4,691 | --- | --- |
| 130 | GROUND SOLDIER SYSTEM | --- | 124,953 | --- | 124,953 | --- | --- |
| 131 | MOBILE SOLDIER POWER | --- | 15,933 | --- | 15,933 | --- | --- |
| 134 | CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM | --- | 42,444 | --- | 42,444 | --- | --- |
| 136 | ITEMS LESS THAN $5M (ENG SPT) | --- | 4,155 | --- | 4,155 | --- | --- |
| | PETROLEUM EQUIPMENT | | | | | | |
| 137 | QUALITY SURVEILLANCE EQUIPMENT18355 | --- | 2,845 | --- | 2,845 | --- | --- |
| 138 | DISTRIBUTION SYSTEMS, PETROLEUM & WATER | --- | 26,433 | --- | 26,433 | --- | --- |
| | MEDICAL EQUIPMENT | | | | | | |
| 139 | COMBAT SUPPORT MEDICAL | --- | 75,606 | --- | 78,106 | --- | +2,500 |
| | MAINTENANCE EQUIPMENT | | | | | | |
| 140 | MOBILE MAINTENANCE EQUIPMENT SYSTEMS | --- | 3,936 | --- | 3,936 | --- | --- |
| | CONSTRUCTION EQUIPMENT | | | | | | |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| 147 | ALL TERRAIN CRANES | --- | 31,341 | --- | 31,341 | --- | --- |
| 149 | FAMILY OF DIVER SUPPORT EQUIPMENT | --- | 3,256 | --- | 3,256 | --- | --- |
| 150 | CONST EQUIP ESP | --- | 9,104 | --- | 4,169 | --- | -4,935 |
| | RAIL FLOAT CONTAINERIZATION EQUIPMENT | | | | | | |
| 151 | ARMY WATERCRAFT ESP | --- | 47,889 | --- | 47,889 | --- | --- |
| 152 | MANEUVER SUPPORT VESSEL (MSV) | --- | 104,676 | --- | 104,676 | --- | --- |
| 153 | ITEMS LESS THAN $5.0M (FLOAT/RAIL) | --- | 10,131 | --- | 10,131 | --- | --- |
| | GENERATORS | | | | | | |
| 154 | GENERATORS AND ASSOCIATED EQUIPMENT | --- | 54,400 | --- | 102,689 | --- | +48,289 |
| 155 | TACTICAL ELECTRIC POWER RECAPITALIZATION | --- | 8,293 | --- | 8,293 | --- | --- |
| | MATERIAL HANDLING EQUIPMENT | | | | | | |
| 156 | FAMILY OF FORKLIFTS | --- | 8,819 | --- | 8,819 | --- | --- |
| | TRAINING EQUIPMENT | | | | | | |
| 157 | COMBAT TRAINING CENTERS SUPPORT | --- | 48,046 | --- | 48,046 | --- | --- |
| 158 | TRAINING DEVICES, NONSYSTEM | --- | 201,966 | --- | 201,966 | --- | --- |
| 159 | SYNTHETIC TRAINING ENVIRONMENT (STE) | --- | 255,670 | --- | 255,670 | --- | --- |
| 160 | GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING | --- | 9,546 | --- | 9,546 | --- | --- |
| | TEST MEASURE AND DIG EQUIPMENT (TMD) | | | | | | |
| 162 | INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) | --- | 36,514 | --- | 36,514 | --- | --- |
| 164 | TEST EQUIPMENT MODERNIZATION (TEMOD) | --- | 32,734 | --- | 32,734 | --- | --- |
| | OTHER SUPPORT EQUIPMENT | | | | | | |
| 166 | PHYSICAL SECURITY SYSTEMS (OPA3) | --- | 102,556 | --- | 102,556 | --- | --- |
| 167 | BASE LEVEL COM'L EQUIPMENT | --- | 31,417 | --- | 31,417 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 168 | MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)..... | --- | 24,047 | --- | 34,047 | --- | +10,000 |
| 169 | BUILDING, PRE-FAB, RELOCATABLE..... | --- | 32,151 | --- | 32,151 | --- | --- |
| 170 | SPECIAL EQUIPMENT FOR TEST AND EVALUATION..... | --- | 84,779 | --- | 84,779 | --- | --- |
| | TOTAL, OTHER SUPPORT EQUIPMENT..... | --- | 1,633,370 | --- | 1,695,495 | | +62,125 |
| | SPARE AND REPAIR PARTS | | | | | | |
| 172 | INITIAL SPARES - C&E..... | --- | 10,463 | --- | 10,463 | --- | --- |
| | TOTAL, OTHER PROCUREMENT, ARMY..... | --- | 8,457,509 | --- | 8,233,869 | | -223,640 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | AIRCRAFT PROCUREMENT, NAVY | | | | | | |
| | COMBAT AIRCRAFT | | | | | | |
| 1 | F/A-18E/F (FIGHTER) HORNET (MYP) | --- | 90,865 | --- | 90,865 | --- | --- |
| 2 | JOINT STRIKE FIGHTER CV | 13 | 1,663,515 | 13 | 1,699,053 | --- | +35,538 |
| 3 | JOINT STRIKE FIGHTER CV (AP-CY) | --- | 387,596 | --- | 182,376 | --- | -205,220 |
| 4 | JSF STOVL | 15 | 1,909,635 | 15 | 1,973,748 | --- | +64,113 |
| 5 | JSF STOVL (AP-CY) | --- | 200,118 | --- | 200,118 | --- | --- |
| 6 | CH-53K (HEAVY LIFT) | 10 | 1,669,986 | 12 | 1,861,016 | +2 | +191,030 |
| 7 | CH-53K (HEAVY LIFT) (AP-CY) | --- | 357,824 | --- | 325,559 | --- | -32,265 |
| 8 | V-22 (MEDIUM LIFT) | --- | 31,795 | --- | 31,795 | --- | --- |
| 9 | UH-1Y/AH-1Z | --- | --- | --- | --- | --- | --- |
| 11 | P-8A POSEIDON | --- | 41,521 | --- | 41,521 | --- | --- |
| 12 | E-2D ADV HAWKEYE | 5 | 842,401 | 5 | 802,650 | --- | -39,751 |
| 13 | E-2D ADV HAWKEYE (AP-CY) | --- | --- | --- | --- | --- | --- |
| | TOTAL, COMBAT AIRCRAFT | --- | 7,195,256 | --- | 7,208,701 | | +13,445 |
| | TRAINER AIRCRAFT | | | | | | |
| | MULTI-ENGINE TRAINING SYSTEM (METS) | 10 | 123,217 | 10 | 107,801 | --- | -15,416 |
| 15 | ADVANCED HELICOPTER TRAINING SYSTEM | 26 | 119,816 | 26 | 119,816 | --- | --- |
| | TOTAL, TRAINER AIRCRAFT | --- | 243,033 | --- | 227,617 | | -15,416 |
| | OTHER AIRCRAFT | | | | | | |
| 16 | KC-130J | 5 | 439,501 | 5 | 430,530 | --- | -8,971 |
| 17 | KC-130J (AP-CY) | --- | 29,122 | --- | 29,122 | --- | --- |
| 19 | MQ-4 TRITON | 3 | 587,820 | 3 | 584,192 | --- | -3,628 |
| 20 | MQ-4 TRITON (AP-CY) | --- | 75,235 | --- | 70,335 | --- | -4,900 |
| 21 | MQ-8 UAV | --- | --- | --- | --- | --- | --- |
| 22 | STUASLO UAV | --- | 2,703 | --- | 2,703 | --- | --- |
| 23 | MQ-25 | 4 | 696,713 | 2 | 348,356 | -2 | -348,357 |
| 24 | MQ-25 (AP-CY) | --- | 51,463 | --- | 27,729 | --- | -23,734 |
| 25 | MARINE GROUP 5 UAS | 5 | 103,882 | 5 | 98,132 | --- | -5,750 |
| | TOTAL, OTHER AIRCRAFT | --- | 1,986,439 | --- | 1,591,099 | | -395,340 |
| | MODIFICATION OF AIRCRAFT | | | | | | |
| 27 | F-18 A-D UNIQUE | --- | 141,514 | --- | 141,514 | --- | --- |
| 28 | F-18E/F AND EA-18G MODERNIZATION AND SUSTAIN | --- | 572,681 | --- | 552,849 | --- | -19,832 |
| 29 | MARINE GROUP 5 UAS SERIES | --- | 86,116 | --- | 67,116 | --- | -19,000 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| 30 | AEA SYSTEMS | --- | 25,058 | --- | 25,058 | --- | --- |
| 31 | AV-8 SERIES | --- | 26,657 | --- | 26,657 | --- | --- |
| 32 | INFRARED SEARCH AND TRACK (IRST) | --- | 144,699 | --- | 96,574 | --- | -48,125 |
| 33 | ADVERSARY | --- | 105,188 | --- | 105,188 | --- | --- |
| 34 | F-18 SERIES | --- | 480,663 | --- | 424,589 | --- | -56,074 |
| 35 | H-53 SERIES | --- | 40,151 | --- | 40,151 | --- | --- |
| 36 | MH-60 SERIES | --- | 126,238 | --- | 126,238 | --- | --- |
| 37 | H-1 SERIES | --- | 122,498 | --- | 122,498 | --- | --- |
| 38 | EP-3 SERIES | --- | 8,492 | --- | 8,492 | --- | --- |
| 39 | E-2 SERIES | --- | 188,897 | --- | 188,897 | --- | --- |
| 40 | TRAINER A/C SERIES | --- | 9,568 | --- | 9,568 | --- | --- |
| 41 | C-2A | --- | --- | --- | --- | --- | --- |
| 42 | C-130 SERIES | --- | 132,170 | --- | 119,695 | --- | -12,475 |
| 43 | FEWSG | --- | 695 | --- | 695 | --- | --- |
| 44 | CARGO/TRANSPORT A/C SERIES | --- | 10,902 | --- | 8,688 | --- | -2,214 |
| 45 | E-6 SERIES | --- | 129,049 | --- | 129,049 | --- | --- |
| 46 | EXECUTIVE HELICOPTERS SERIES | --- | 55,265 | --- | 55,265 | --- | --- |
| 47 | T-45 SERIES | --- | 201,670 | --- | 193,207 | --- | -8,463 |
| 48 | POWER PLANT CHANGES | --- | 24,685 | --- | 24,685 | --- | --- |
| 49 | JPATS SERIES | --- | 19,780 | --- | 19,780 | --- | --- |
| 50 | AVIATION LIFE SUPPORT MODS | --- | 1,143 | --- | 1,143 | --- | --- |
| 51 | COMMON ECM EQUIPMENT | --- | 129,722 | --- | 129,722 | --- | --- |
| 52 | COMMON AVIONICS CHANGES | --- | 136,883 | --- | 131,883 | --- | -5,000 |
| 53 | COMMON DEFENSIVE WEAPON SYSTEM | --- | 6,373 | --- | 6,373 | --- | --- |
| 54 | ID SYSTEMS | --- | 3,828 | --- | 3,828 | --- | --- |
| 55 | P-8 SERIES | --- | 249,342 | --- | 238,916 | --- | -10,426 |
| 56 | MAGTF EW FOR AVIATION | --- | 24,684 | --- | 24,684 | --- | --- |
| 57 | MQ-8 SERIES | --- | 9,846 | --- | 9,846 | --- | --- |
| 58 | V-22 (TILT/ROTOR ACFT) OSPREY | --- | 207,621 | --- | 235,221 | --- | +27,600 |
| 59 | NEXT GENERATION JAMMER (NGJ) | --- | 401,563 | --- | 385,540 | --- | -16,023 |
| 60 | F-35 STOVL SERIES | --- | 216,356 | --- | 199,294 | --- | -17,062 |
| 61 | F-35 CV SERIES | --- | 208,336 | --- | 204,110 | --- | -4,226 |
| 62 | QUICK REACTION CAPABILITY (QRC) | --- | 47,864 | --- | 47,864 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 63 | MQ-4 SERIES | --- | 94,738 | --- | 91,977 | --- | -2,761 |
| 64 | RQ-21 SERIES | --- | 6,576 | --- | 6,576 | --- | --- |
| | TOTAL, MODIFICATION OF AIRCRAFT | --- | 4,397,511 | --- | 4,203,430 | | -194,081 |
| | AIRCRAFT SPARES AND REPAIR PARTS | | | | | | |
| 72 | SPARES AND REPAIR PARTS | --- | 1,872,417 | --- | 1,972,417 | --- | +100,000 |
| | AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| 69 | COMMON GROUND EQUIPMENT | --- | 542,214 | --- | 519,886 | --- | -22,328 |
| 70 | AIRCRAFT INDUSTRIAL FACILITIES | --- | 101,559 | --- | 101,559 | --- | --- |
| 71 | WAR CONSUMABLES | --- | 40,316 | --- | 40,316 | --- | --- |
| 72 | OTHER PRODUCTION CHARGES | --- | 46,403 | --- | 46,403 | --- | --- |
| 73 | SPECIAL SUPPORT EQUIPMENT | --- | 423,280 | --- | 423,280 | --- | --- |
| | TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES | --- | 1,153,772 | --- | 1,131,444 | | -22,328 |
| | TOTAL, AIRCRAFT PROCUREMENT, NAVY | --- | 16,848,428 | --- | 16,334,708 | | -513,720 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | WEAPONS PROCUREMENT, NAVY | | | | | | |
| | BALLISTIC MISSILES | | | | | | |
| | MODIFICATION OF MISSILES | | | | | | |
| 1 | TRIDENT II MODS | --- | 1,125,164 | --- | 1,106,399 | --- | -18,765 |
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| 2 | MISSILE INDUSTRIAL FACILITIES | --- | 7,767 | --- | 7,767 | --- | --- |
| | TOTAL, BALLISTIC MISSILES | --- | 1,132,931 | --- | 1,114,166 | | -18,765 |
| | OTHER MISSILES | | | | | | |
| | STRATEGIC MISSILES | | | | | | |
| 3 | TOMAHAWK | 40 | 160,190 | 70 | 206,501 | +30 | +46,311 |
| | TACTICAL MISSILES | | | | | | |
| 4 | AMRAAM | 337 | 335,900 | 337 | 335,900 | --- | --- |
| 5 | SIDEWINDER | 128 | 63,288 | 128 | 62,288 | --- | -1,000 |
| 6 | STANDARD MISSILE | 125 | 489,123 | 125 | 410,473 | --- | -78,650 |
| 7 | STANDARD MISSILE (AP-CY) | --- | --- | --- | --- | --- | --- |
| 8 | JASSM | 31 | 58,481 | --- | --- | -31 | -58,481 |
| 9 | SMALL DIAMETER BOMB II | 481 | 108,317 | 481 | 100,684 | --- | -7,633 |
| 10 | RAM | 100 | 92,131 | 100 | 92,131 | --- | --- |
| 11 | JOINT AIR GROUND MISSILE (JAGM) | 293 | 78,395 | 293 | 78,395 | --- | --- |
| 12 | HELLFIRE | 110 | 6,603 | 110 | 6,603 | --- | --- |
| 13 | AERIAL TARGETS | --- | 183,222 | --- | 182,134 | --- | -1,088 |
| 14 | DRONES AND DECOYS | 61 | 62,930 | 30 | 50,430 | -31 | -12,500 |
| 15 | OTHER MISSILE SUPPORT | --- | 3,524 | --- | 3,524 | --- | --- |
| 16 | LRASM | 60 | 226,022 | 60 | 219,662 | --- | -6,360 |
| 17 | NAVAL STRIKE MISSILE (NSM) | 39 | 59,034 | 39 | 59,034 | --- | --- |
| | MODIFICATION OF MISSILES | | | | | | |
| 18 | TOMAHAWK MODS | --- | 435,308 | --- | 435,308 | --- | --- |
| 19 | ESSM | 136 | 282,035 | 136 | 282,035 | --- | --- |
| 21 | AARGM | 69 | 131,275 | 69 | 131,275 | --- | --- |
| 22 | STANDARD MISSILES MODS | --- | 71,198 | --- | 71,198 | --- | --- |
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| 23 | WEAPONS INDUSTRIAL FACILITIES | --- | 1,976 | --- | 1,976 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| 26 | ORDNANCE SUPPORT EQUIPMENT | --- | 40,793 | --- | 40,793 | --- | --- |
| | TOTAL, OTHER MISSILES | --- | 2,889,745 | --- | 2,770,344 | | -119,401 |
| | TORPEDOES AND RELATED EQUIPMENT | | | | | | |
| 26 | SSTD | --- | 3,789 | --- | 3,789 | --- | --- |
| 27 | MK-48 TORPEDO | 28 | 151,128 | 28 | 123,128 | --- | -28,000 |
| 28 | ASW TARGETS | --- | 14,403 | --- | 14,403 | --- | --- |
| | MOD OF TORPEDOES AND RELATED EQUIP | | | | | | |
| 29 | MK-54 TORPEDO MODS | --- | 106,772 | --- | 103,372 | --- | -3,400 |
| 30 | MK-48 TORPEDO ADCAP MODS | --- | 18,502 | --- | 18,502 | --- | --- |
| 31 | MARITIME MINES | --- | 9,282 | --- | 9,282 | --- | --- |
| | SUPPORT EQUIPMENT | | | | | | |
| 32 | TORPEDO SUPPORT EQUIPMENT | --- | 87,044 | --- | 87,044 | --- | --- |
| 33 | ASW RANGE SUPPORT | --- | 3,965 | --- | 3,965 | --- | --- |
| | DESTINATION TRANSPORTATION | | | | | | |
| 34 | FIRST DESTINATION TRANSPORTATION | --- | 5,315 | --- | 5,315 | --- | --- |
| | TOTAL, TORPEDOES AND RELATED EQUIPMENT | --- | 400,200 | --- | 368,800 | | -31,400 |
| | OTHER WEAPONS | | | | | | |
| | GUNS AND GUN MOUNTS | | | | | | |
| 35 | SMALL ARMS AND WEAPONS | --- | 13,859 | --- | 13,859 | --- | --- |
| | MODIFICATION OF GUNS AND GUN MOUNTS | | | | | | |
| 36 | CIWS MODS | --- | 2,655 | --- | 2,655 | --- | --- |
| 37 | COAST GUARD WEAPONS | --- | 34,259 | --- | 34,259 | --- | --- |
| 38 | GUN MOUNT MODS | --- | 81,725 | --- | 106,725 | --- | +25,000 |
| 39 | LCS MODULE WEAPONS | 30 | 4,580 | 30 | 4,580 | --- | --- |
| 40 | AIRBORNE MINE NEUTRALIZATION SYSTEMS | --- | 8,710 | --- | 8,710 | --- | --- |
| | TOTAL, OTHER WEAPONS | | 145,788 | | 170,788 | | +25,000 |
| 42 | SPARES AND REPAIR PARTS | --- | 170,041 | --- | 170,041 | --- | --- |
| | TOTAL, WEAPONS PROCUREMENT, NAVY | --- | 4,738,705 | --- | 4,594,139 | | -144,566 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT OF AMMO, NAVY & MARINE CORPS | | | | | | |
| | PROC AMMO, NAVY | | | | | | |
| | NAVY AMMUNITION | | | | | | |
| 1 | GENERAL PURPOSE BOMBS | --- | 47,198 | --- | 47,198 | --- | --- |
| 2 | JDAM | 3,037 | 76,688 | 3,037 | 76,688 | --- | --- |
| 3 | AIRBORNE ROCKETS, ALL TYPES | --- | 70,005 | --- | 70,005 | --- | --- |
| 4 | MACHINE GUN AMMUNITION | --- | 20,586 | --- | 20,586 | --- | --- |
| 5 | PRACTICE BOMBS | --- | 51,109 | --- | 47,303 | --- | -3,806 |
| 6 | CARTRIDGES & CART ACTUATED DEVICES | --- | 72,534 | --- | 71,391 | --- | -1,143 |
| 7 | AIR EXPENDABLE COUNTERMEASURES | --- | 114,475 | --- | 101,048 | --- | -13,427 |
| 8 | JATOS | --- | 7,096 | --- | 7,096 | --- | --- |
| 9 | 5 INCH/54 GUN AMMUNITION | --- | 30,018 | --- | 20,471 | --- | -9,547 |
| 10 | INTERMEDIATE CALIBER GUN AMMUNITION | --- | 40,089 | --- | 27,870 | --- | -12,219 |
| 11 | OTHER SHIP GUN AMMUNITION | --- | 42,707 | --- | 39,595 | --- | -3,112 |
| 12 | SMALL ARMS & LANDING PARTY AMMO | --- | 49,023 | --- | 44,552 | --- | -4,471 |
| 13 | PYROTECHNIC AND DEMOLITION | --- | 9,480 | --- | 9,480 | --- | --- |
| 14 | AMMUNITION LESS THAN $5 MILLION | --- | 1,622 | --- | 1,622 | --- | --- |
| | TOTAL, PROC AMMO, NAVY | --- | 632,630 | --- | 584,905 | | -47,725 |
| | PROC AMMO, MARINE CORPS | | | | | | |
| 15 | MORTARS | --- | 71,214 | --- | 62,713 | --- | -8,501 |
| 16 | DIRECT SUPPORT MUNITIONS | --- | 65,169 | --- | 62,627 | --- | -2,542 |
| 17 | INFANTRY WEAPONS AMMUNITION | --- | 225,271 | --- | 143,729 | --- | -81,542 |
| 18 | COMBAT SUPPORT MUNITIONS | --- | 19,691 | --- | 19,691 | --- | --- |
| 19 | AMMO MODERNIZATION | --- | 17,327 | --- | 17,327 | --- | --- |
| 20 | ARTILLERY MUNITIONS | --- | 15,514 | --- | 15,514 | --- | --- |
| 21 | ITEMS LESS THAN $5 MILLION | --- | 5,476 | --- | 5,476 | --- | --- |
| | TOTAL, PROC AMMO, MARINE CORPS | --- | 419,662 | --- | 327,077 | | -92,585 |
| | TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS. | --- | 1,052,292 | --- | 911,982 | | -140,310 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SHIPBUILDING & CONVERSION, NAVY | | | | | | |
| | FLEET BALLISTIC MISSILE SHIPS | | | | | | |
| 1 | COLUMBIA CLASS SUBMARINE | --- | 3,079,223 | --- | 3,079,223 | --- | --- |
| 2 | COLUMBIA CLASS SUBMARINE (AP-CY) | --- | 2,778,553 | --- | 2,778,553 | --- | --- |
| | OTHER WARSHIPS | | | | | | |
| 3 | CARRIER REPLACEMENT PROGRAM (CVN 80) | --- | 1,481,530 | --- | 1,463,905 | --- | -17,625 |
| 4 | CARRIER REPLACEMENT PROGRAM (CVN 81) | --- | 1,052,024 | --- | 1,052,024 | --- | --- |
| 5 | VIRGINIA CLASS SUBMARINE | 2 | 4,534,184 | 2 | 4,534,184 | --- | --- |
| 6 | VIRGINIA CLASS SUBMARINE (AP-CY) | --- | 2,025,651 | --- | 2,025,651 | --- | --- |
| 7 | CVN REFUELING OVERHAUL | --- | --- | --- | --- | --- | --- |
| 8 | CVN REFUELING OVERHAULS (AP-CY) | --- | 618,295 | --- | 573,422 | --- | -44,873 |
| 9 | DDG 1000 | --- | 72,976 | --- | 72,976 | --- | --- |
| 10 | DDG-51 | 2 | 4,376,537 | 2 | 4,376,537 | --- | --- |
| 11 | DDG-51 (AP-CY) | --- | 618,352 | --- | 618,352 | --- | --- |
| 13 | FFG-FRIGATE | 1 | 1,085,224 | 1 | 1,085,224 | --- | --- |
| 14 | FFG-FRIGATE (AP-CY) | --- | 74,949 | --- | --- | --- | -74,949 |
| | TOTAL, OTHER WARSHIPS | --- | 15,939,722 | --- | 15,802,275 | | -137,447 |
| | AMPHIBIOUS SHIPS | | | | | | |
| 15 | LPD FLIGHT II | 1 | 1,673,000 | 1 | 1,673,000 | --- | --- |
| 16 | LPD 32 (AP) | --- | --- | --- | --- | --- | --- |
| 17 | EXPEDITIONARY SEA BASE (ESB) | --- | --- | --- | --- | --- | --- |
| 20 | LHA REPLACEMENT | 1 | 1,085,470 | 1 | 1,085,470 | --- | --- |
| 21 | EXPEDITIONARY FAST TRANSPORT | --- | --- | --- | --- | --- | --- |
| | TOTAL, AMPHIBIOUS SHIPS | --- | 2,758,470 | --- | 2,758,470 | | --- |
| | AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS | | | | | | |
| 22 | TAO FLEET OILER | 1 | 794,719 | 1 | 794,719 | --- | --- |
| | TAO FLEET OILER (AP-CY) | --- | --- | --- | --- | --- | --- |
| 23 | TAGOS SURTASS SHIPS | --- | --- | --- | --- | --- | --- |
| 24 | TOWING, SALVAGE, AND RESCUE SHIP (ATS) | 1 | 95,915 | 1 | 95,915 | --- | --- |
| 26 | LCU 1700 | --- | --- | --- | --- | --- | --- |
| 27 | OUTFITTING | --- | 707,412 | --- | 707,412 | --- | --- |
| 28 | SHIP TO SHORE CONNECTOR | 2 | 190,433 | 2 | 190,433 | --- | --- |
| 29 | SERVICE CRAFT | --- | 68,274 | --- | 68,274 | --- | --- |
| 30 | LCAC SLEP | 2 | 36,301 | 2 | 36,301 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 31 | AUXILIARY VESSELS | 2 | 140,686 | 2 | 140,686 | --- | --- |
| 32 | COMPLETION OF PY SHIPBUILDING PROGRAMS | --- | 1,328,146 | --- | 1,328,146 | --- | --- |
| | TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM | --- | 3,361,886 | --- | 3,361,886 | --- | --- |
| | TOTAL, SHIPBUILDING & CONVERSION, NAVY | | 27,917,854 | | 27,780,407 | | -137,447 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OTHER PROCUREMENT, NAVY | | | | | | |
| | SHIPS SUPPORT EQUIPMENT | | | | | | |
| | SHIP PROPULSION EQUIPMENT | | | | | | |
| 1 | SURFACE POWER EQUIPMENT | --- | 46,478 | --- | 46,478 | --- | --- |
| | GENERATORS | | | | | | |
| 2 | SURFACE COMBATANT HM&E | --- | 84,615 | --- | 74,585 | --- | -10,030 |
| | NAVIGATION EQUIPMENT | | | | | | |
| 3 | OTHER NAVIGATION EQUIPMENT | --- | 98,079 | --- | 87,800 | --- | -10,279 |
| | PERISCOPES | | | | | | |
| | SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT | | | | | | |
| 4 | PROGRAM | --- | 266,300 | --- | 261,011 | --- | -5,289 |
| | OTHER SHIPBOARD EQUIPMENT | | | | | | |
| 5 | DDG MOD | --- | 770,341 | --- | 743,478 | --- | -26,863 |
| 6 | FIREFIGHTING EQUIPMENT | --- | 19,687 | --- | 18,552 | --- | -1,135 |
| 7 | COMMAND AND CONTROL SWITCHBOARD | --- | 2,406 | --- | 2,406 | --- | --- |
| 8 | LHA/LHD MIDLIFE | --- | 38,200 | --- | 38,200 | --- | --- |
| 9 | LCC 19/20 EXTENDED SERVICE LIFE PROGRAM | --- | 20,028 | --- | 20,028 | --- | --- |
| 10 | POLLUTION CONTROL EQUIPMENT | --- | 17,682 | --- | 11,607 | --- | -6,075 |
| 11 | SUBMARINE SUPPORT EQUIPMENT | --- | 117,799 | --- | 116,575 | --- | -1,224 |
| 12 | VIRGINIA CLASS SUPPORT EQUIPMENT | --- | 32,300 | --- | 32,300 | --- | --- |
| 13 | LCS CLASS SUPPORT EQUIPMENT | --- | 15,238 | --- | 20,238 | --- | +5,000 |
| 14 | SUBMARINE BATTERIES | --- | 24,137 | --- | 24,137 | --- | --- |
| 15 | LPD CLASS SUPPORT EQUIPMENT | --- | 54,496 | --- | 53,350 | --- | -1,146 |
| 16 | DDG-1000 SUPPORT EQUIPMENT | --- | 314,333 | --- | 278,647 | --- | -35,686 |
| 17 | STRATEGIC PLATFORM SUPPORT EQUIP | --- | 13,504 | --- | 13,504 | --- | --- |
| 18 | DSSP EQUIPMENT | --- | 3,660 | --- | 3,660 | --- | --- |
| 19 | CRUISER MODERNIZATION | --- | 59,054 | --- | 59,054 | --- | --- |
| 20 | LCAC | --- | 17,452 | --- | 17,452 | --- | --- |
| 21 | UNDERWATER EOD PROGRAMS | --- | 35,417 | --- | 35,417 | --- | --- |
| 22 | ITEMS LESS THAN $5 MILLION | --- | 60,812 | --- | 60,812 | --- | --- |
| 23 | CHEMICAL WARFARE DETECTORS | --- | 3,202 | --- | 3,202 | --- | --- |
| 25 | SHIP MAINTENANCE, REPAIR AND MODERNIZATION | --- | 1,242,532 | --- | 1,064,848 | --- | -177,684 |
| | REACTOR PLANT EQUIPMENT | | | | | | |
| 26 | REACTOR POWER UNITS | --- | 4,690 | --- | 4,690 | --- | --- |
| 27 | REACTOR COMPONENTS | --- | 408,989 | --- | 408,989 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OCEAN ENGINEERING | | | | | | |
| 28 | DIVING AND SALVAGE EQUIPMENT | --- | 11,773 | --- | 11,773 | --- | --- |
| | SMALL BOATS | | | | | | |
| 29 | STANDARD BOATS | --- | 57,262 | --- | 57,262 | --- | --- |
| | PRODUCTION FACILITIES EQUIPMENT | | | | | | |
| 30 | OPERATING FORCES IPE | --- | 174,743 | --- | 174,743 | --- | --- |
| | OTHER SHIP SUPPORT | | | | | | |
| 31 | LCS COMMON MISSION MODULES EQUIPMENT | --- | 57,313 | --- | 54,883 | --- | -2,430 |
| 32 | LCS MCM MISSION MODULES | --- | 94,987 | --- | 90,295 | --- | -4,692 |
| 33 | LCS ASW MISSION MODULES | --- | 3,594 | --- | 3,594 | --- | --- |
| 34 | LCS SUW MISSION MODULES | --- | 5,100 | --- | 5,100 | --- | --- |
| 35 | LCS IN-SERVICE MODERNIZATION | --- | 76,526 | --- | 88,526 | --- | +12,000 |
| | LOGISTICS SUPPORT | | | | | | |
| 36 | SMALL & MEDIUM UUV | --- | 49,763 | --- | 49,763 | --- | --- |
| | TOTAL, SHIPS SUPPORT EQUIPMENT | --- | 4,302,492 | --- | 4,036,959 | | -265,533 |
| | COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| | SHIP SONARS | | | | | | |
| 37 | SPQ-9B RADAR | --- | 12,063 | --- | 12,063 | --- | --- |
| 38 | AN/SQQ-89 SURF ASW COMBAT SYSTEM | --- | 141,591 | --- | 140,157 | --- | -1,434 |
| 39 | SSN ACOUSTICS EQUIPMENT | --- | 446,653 | --- | 438,684 | --- | -7,969 |
| 40 | UNDERSEA WARFARE SUPPORT EQUIPMENT | --- | 17,424 | --- | 17,424 | --- | --- |
| | ASW ELECTRONIC EQUIPMENT | | | | | | |
| 41 | SUBMARINE ACOUSTIC WARFARE SYSTEM | --- | 31,708 | --- | 31,708 | --- | --- |
| 42 | SSTD | --- | 14,325 | --- | 14,325 | --- | --- |
| 43 | FIXED SURVEILLANCE SYSTEM | --- | 266,228 | --- | 266,228 | --- | --- |
| 44 | SURTASS | --- | 25,030 | --- | 25,030 | --- | --- |
| | ELECTRONIC WARFARE EQUIPMENT | | | | | | |
| 45 | AN/SLQ-32 | --- | 292,417 | --- | 288,142 | --- | -4,275 |
| | RECONNAISSANCE EQUIPMENT | | | | | | |
| 46 | SHIPBOARD IW EXPLOIT | --- | 311,210 | --- | 311,210 | --- | --- |
| 47 | AUTOMATED IDENTIFICATION SYSTEM (AIS) | --- | 2,487 | --- | 2,487 | --- | --- |
| | OTHER SHIP ELECTRONIC EQUIPMENT | | | | | | |
| 48 | COOPERATIVE ENGAGEMENT CAPABILITY | --- | 34,500 | --- | 34,500 | --- | --- |
| 49 | NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) | --- | 19,038 | --- | 19,038 | --- | --- |
| 50 | ATDLS | --- | 73,675 | --- | 73,675 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| 51 | NAVY COMMAND AND CONTROL SYSTEM (NCCS) | --- | 3,435 | --- | 3,435 | --- | --- |
| 52 | MINESWEEPING SYSTEM REPLACEMENT | --- | 16,336 | --- | 16,336 | --- | --- |
| 53 | SHALLOW WATER MCM | --- | --- | --- | --- | --- | --- |
| 54 | NAVSTAR GPS RECEIVERS (SPACE) | --- | 30,439 | --- | 30,439 | --- | --- |
| 55 | AMERICAN FORCES RADIO AND TV | --- | 2,724 | --- | 2,724 | --- | --- |
| 56 | STRATEGIC PLATFORM SUPPORT EQUIP | --- | 6,266 | --- | 6,266 | --- | --- |
| | AVIATION ELECTRONIC EQUIPMENT | | | | | | |
| 57 | ASHORE ATC EQUIPMENT | --- | 89,396 | --- | 89,396 | --- | --- |
| 58 | AFLOAT ATC EQUIPMENT | --- | 86,732 | --- | 79,591 | --- | -7,141 |
| 59 | ID SYSTEMS | --- | 59,226 | --- | 59,226 | --- | --- |
| 60 | JOINT PRECISION APPROACH AND LANDING SYSTEM | --- | 8,186 | --- | 8,186 | --- | --- |
| 61 | NAVAL MISSION PLANNING SYSTEMS | --- | 26,778 | --- | 25,092 | --- | -1,686 |
| | OTHER SHORE ELECTRONIC EQUIPMENT | | | | | | |
| 62 | MARITIME INTEGRATED BROADCAST SYSTEM | --- | 3,520 | --- | 3,520 | --- | --- |
| 63 | TACTICAL/MOBILE C41 SYSTEMS | --- | 31,840 | --- | 27,434 | --- | -4,406 |
| 64 | DCGS-N | --- | 15,606 | --- | 15,606 | --- | --- |
| 65 | CANES | --- | 402,550 | --- | 402,550 | --- | --- |
| 66 | RADIAC | --- | 9,062 | --- | 9,062 | --- | --- |
| 67 | CANES-INTELL | --- | 48,665 | --- | 48,665 | --- | --- |
| 68 | GPETE | --- | 23,479 | --- | 23,479 | --- | --- |
| 69 | NETWORK TACTICAL COMMON DATA LINK | --- | 11,792 | --- | 11,792 | --- | --- |
| 70 | INTEG COMBAT SYSTEM TEST FACILITY | --- | 6,053 | --- | 6,053 | --- | --- |
| 71 | EMI CONTROL INSTRUMENTATION | --- | 4,219 | --- | 4,219 | --- | --- |
| 72 | ITEMS LESS THAN $5 MILLION | --- | 102,846 | --- | 88,951 | --- | -13,895 |
| | SHIPBOARD COMMUNICATIONS | | | | | | |
| 73 | SHIPBOARD TACTICAL COMMUNICATIONS | --- | 36,941 | --- | 36,941 | --- | --- |
| 74 | SHIP COMMUNICATIONS AUTOMATION | --- | 101,691 | --- | 101,691 | --- | --- |
| 75 | COMMUNICATIONS ITEMS UNDER $5M | --- | 55,290 | --- | 54,140 | --- | -1,150 |
| | SUBMARINE COMMUNICATIONS | | | | | | |
| 76 | SUBMARINE BROADCAST SUPPORT | --- | 91,150 | --- | 91,150 | --- | --- |
| 77 | SUBMARINE COMMUNICATION EQUIPMENT | --- | 74,569 | --- | 74,569 | --- | --- |
| | SATELLITE COMMUNICATIONS | | | | | | |
| 78 | SATELLITE COMMUNICATIONS SYSTEMS | --- | 39,827 | --- | 39,827 | --- | --- |
| 79 | NAVY MULTIBAND TERMINAL (NMT) | --- | 24,586 | --- | 24,586 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SHORE COMMUNICATIONS | | | | | | |
| 80 | JCS COMMUNICATIONS EQUIPMENT | --- | 4,699 | --- | 2,651 | --- | -2,048 |
| | CRYPTOGRAPHIC EQUIPMENT | | | | | | |
| 81 | INFO SYSTEMS SECURITY PROGRAM (ISSP) | --- | 156,034 | --- | 156,034 | --- | --- |
| 82 | MIO INTEL EXPLOITATION TEAM | --- | 1,055 | --- | 1,055 | --- | --- |
| | CRYPTOLOGIC EQUIPMENT | | | | | | |
| 83 | CRYPTOLOGIC COMMUNICATIONS EQUIP | --- | 18,832 | --- | 18,832 | --- | --- |
| | OTHER ELECTRONIC SUPPORT | | | | | | |
| 92 | COAST GUARD EQUIPMENT | --- | 68,556 | --- | 63,347 | --- | -5,209 |
| | TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | --- | 3,350,729 | --- | 3,301,516 | | -49,213 |
| | AVIATION SUPPORT EQUIPMENT | | | | | | |
| | SONOBUOYS | | | | | | |
| 94 | SONOBUOYS - ALL TYPES | --- | 291,670 | --- | 303,520 | --- | +11,850 |
| | AIRCRAFT SUPPORT EQUIPMENT | | | | | | |
| 95 | MINOTAUR | --- | 5,247 | --- | 5,247 | --- | --- |
| 96 | WEAPONS RANGE SUPPORT EQUIPMENT | --- | 106,209 | --- | 95,657 | --- | -10,552 |
| 97 | AIRCRAFT SUPPORT EQUIPMENT | --- | 275,461 | --- | 227,987 | --- | -47,474 |
| 98 | ADVANCED ARRESTING GEAR (AAG) | --- | 22,717 | --- | 22,717 | --- | --- |
| 99 | ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM | --- | 18,594 | --- | 18,594 | --- | --- |
| 100 | METEOROLOGICAL EQUIPMENT | --- | 15,175 | --- | 15,175 | --- | --- |
| 101 | LEGACY AIRBORNE MINE COUNTERMEASURES | --- | 4,689 | --- | 4,689 | --- | --- |
| 102 | LAMPS EQUIPMENT | --- | 1,610 | --- | 1,610 | --- | --- |
| 103 | AVIATION SUPPORT EQUIPMENT | --- | 86,409 | --- | 82,118 | --- | -4,291 |
| 104 | UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CONTROL | --- | 136,647 | --- | 131,239 | --- | -5,408 |
| | TOTAL, AVIATION SUPPORT EQUIPMENT | --- | 964,428 | --- | 908,553 | | -55,875 |
| | ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| | SHIP GUN SYSTEM EQUIPMENT | | | | | | |
| 105 | SHIP GUN SYSTEMS EQUIPMENT | --- | 5,902 | --- | 5,902 | --- | --- |
| | SHIP MISSILE SYSTEMS EQUIPMENT | | | | | | |
| 106 | HARPOON SUPPORT EQUIPMENT | --- | 217 | --- | 217 | --- | --- |
| 107 | SHIP MISSILE SUPPORT EQUIPMENT | --- | 286,788 | --- | 277,828 | --- | -8,960 |
| 108 | TOMAHAWK SUPPORT EQUIPMENT | --- | 95,856 | --- | 92,270 | --- | -3,586 |
| | FBM SUPPORT EQUIPMENT | | | | | | |
| 109 | STRATEGIC MISSILE SYSTEMS EQUIP | --- | 279,430 | --- | 279,430 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | ASW SUPPORT EQUIPMENT | | | | | | |
| 110 | SSN COMBAT CONTROL SYSTEMS | --- | 128,874 | --- | 128,874 | --- | --- |
| 111 | ASW SUPPORT EQUIPMENT | --- | 26,920 | --- | 26,920 | --- | --- |
| | OTHER ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| 112 | EXPLOSIVE ORDNANCE DISPOSAL EQUIP | --- | 17,048 | --- | 14,336 | --- | -2,712 |
| 113 | ITEMS LESS THAN $5 MILLION | --- | 5,938 | --- | 5,938 | --- | --- |
| | OTHER EXPENDABLE ORDNANCE | | | | | | |
| 114 | ANTI-SHIP MISSILE DECOY SYSTEM | --- | 86,264 | --- | 86,264 | --- | --- |
| 115 | SUBMARINE TRAINING DEVICE MODS | --- | 80,591 | --- | 80,591 | --- | --- |
| 116 | SURFACE TRAINING EQUIPMENT | --- | 198,695 | --- | 169,945 | --- | -28,750 |
| | TOTAL, ORDNANCE SUPPORT EQUIPMENT | --- | 1,212,523 | --- | 1,168,515 | | -44,008 |
| | CIVIL ENGINEERING SUPPORT EQUIPMENT | | | | | | |
| 117 | PASSENGER CARRYING VEHICLES | --- | 4,799 | --- | 4,799 | --- | --- |
| 118 | GENERAL PURPOSE TRUCKS | --- | 2,542 | --- | 2,542 | --- | --- |
| 119 | CONSTRUCTION & MAINTENANCE EQUIP | --- | 50,619 | --- | 50,001 | --- | -618 |
| 120 | FIRE FIGHTING EQUIPMENT | --- | 16,305 | --- | 16,305 | --- | --- |
| 121 | TACTICAL VEHICLES | --- | 28,586 | --- | 26,276 | --- | -2,310 |
| 122 | POLLUTION CONTROL EQUIPMENT | --- | 2,840 | --- | 2,840 | --- | --- |
| 123 | ITEMS UNDER $5 MILLION | --- | 64,311 | --- | 55,200 | --- | -9,111 |
| 124 | PHYSICAL SECURITY VEHICLES | --- | 1,263 | --- | 1,263 | --- | --- |
| | TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT | --- | 171,265 | --- | 159,226 | | -12,039 |
| | SUPPLY SUPPORT EQUIPMENT | | | | | | |
| 125 | SUPPLY EQUIPMENT | --- | 32,338 | --- | 32,338 | --- | --- |
| 126 | FIRST DESTINATION TRANSPORTATION | --- | 6,255 | --- | 6,255 | --- | --- |
| 127 | SPECIAL PURPOSE SUPPLY SYSTEMS | --- | 613,039 | --- | 613,039 | --- | --- |
| | TOTAL, SUPPLY SUPPORT EQUIPMENT | --- | 651,632 | --- | 651,632 | | --- |
| | PERSONNEL AND COMMAND SUPPORT EQUIPMENT | | | | | | |
| | TRAINING DEVICES | | | | | | |
| 128 | TRAINING SUPPORT EQUIPMENT | --- | 1,285 | --- | 1,285 | --- | --- |
| 129 | TRAINING AND EDUCATION EQUIPMENT | --- | 44,618 | --- | 44,618 | --- | --- |
| | COMMAND SUPPORT EQUIPMENT | | | | | | |
| 130 | COMMAND SUPPORT EQUIPMENT | --- | 55,728 | --- | 38,774 | --- | -16,954 |
| 131 | MEDICAL SUPPORT EQUIPMENT | --- | 5,325 | --- | 25,325 | --- | +20,000 |
| 133 | NAVAL MIP SUPPORT EQUIPMENT | --- | 6,077 | --- | 6,077 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| 134 | OPERATING FORCES SUPPORT EQUIPMENT | --- | 16,252 | --- | 13,784 | --- | -2,468 |
| 135 | C4ISR EQUIPMENT | --- | 6,497 | --- | 6,497 | --- | --- |
| 136 | ENVIRONMENTAL SUPPORT EQUIPMENT | --- | 36,592 | --- | 36,592 | --- | --- |
| 137 | PHYSICAL SECURITY EQUIPMENT | --- | 118,598 | --- | 107,372 | --- | -11,226 |
| 138 | ENTERPRISE INFORMATION TECHNOLOGY | --- | 29,407 | --- | 29,407 | --- | --- |
| 142 | NEXT GENERATION ENTERPRISE SERVICE | --- | 201,314 | --- | 177,314 | --- | -24,000 |
| 143 | CYBERSPACE ACTIVITIES | --- | 5,018 | --- | 5,018 | --- | --- |
| 144 | CYBER MISSION FORCES | --- | 17,115 | --- | 17,115 | --- | --- |
| | TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT | --- | 543,826 | --- | 509,178 | | -34,648 |
| 145 | SPARES AND REPAIR PARTS | --- | 532,313 | --- | 532,313 | --- | --- |
| | CLASSIFIED PROGRAMS | --- | 17,295 | --- | 17,295 | --- | --- |
| | TOTAL, OTHER PROCUREMENT, NAVY | --- | 11,746,503 | --- | 11,285,187 | | -461,316 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT, MARINE CORPS | | | | | | |
| | WEAPONS AND COMBAT VEHICLES | | | | | | |
| | TRACKED COMBAT VEHICLES | | | | | | |
| 1 | AAV7A1 PIP | --- | 5,653 | --- | 5,653 | --- | --- |
| 2 | AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES | 74 | 536,678 | 74 | 502,021 | --- | -34,657 |
| 3 | LAV PIP | --- | 57,099 | --- | 55,739 | --- | -1,360 |
| | ARTILLERY AND OTHER WEAPONS | | | | | | |
| 4 | 155MM LIGHTWEIGHT TOWED HOWITZER | --- | 1,782 | --- | 1,782 | --- | --- |
| 5 | ARTILLERY WEAPONS SYSTEM | --- | 143,808 | --- | 143,808 | --- | --- |
| 6 | WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION | --- | 11,118 | --- | 11,118 | --- | --- |
| | TOTAL, WEAPONS AND COMBAT VEHICLES | --- | 756,138 | --- | 720,121 | | -36,017 |
| | GUIDED MISSILES AND EQUIPMENT | | | | | | |
| | GUIDED MISSILES | | | | | | |
| 7 | TOMAHAWK | 13 | 42,958 | 13 | 42,958 | --- | --- |
| 8 | NAVAL STRIKE MISSILE (NSM) | 115 | 174,369 | 115 | 174,369 | --- | --- |
| 9 | GROUND BASED AIR DEFENSE | --- | 173,801 | --- | 166,053 | --- | -7,748 |
| 10 | ANTI-ARMOR MISSILE - JAVELIN | 4 | 18,495 | 4 | 17,205 | --- | -1,290 |
| 11 | FAMILY OF ANTI-ARMOR WEAPON SYSTEMS | --- | 21,419 | --- | 21,419 | --- | --- |
| 12 | ANTI-ARMOR MISSILE - TOW | --- | 663 | --- | 663 | --- | --- |
| 13 | GUIDED MLRS ROCKET (GMLRS) | 44 | 7,605 | 44 | 7,605 | --- | --- |
| | TOTAL, GUIDED MISSILES AND EQUIPMENT | | 439,310 | | 430,272 | | -9,038 |
| | COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| | COMMAND AND CONTROL SYSTEMS | | | | | | |
| 14 | COMMON AVIATION COMMAND AND CONTROL SYSTEM | --- | 30,292 | --- | 30,292 | --- | --- |
| | REPAIR AND TEST EQUIPMENT | | | | | | |
| 15 | REPAIR AND TEST EQUIPMENT | --- | 58,024 | --- | 45,777 | --- | -12,247 |
| 16 | MODIFICATION KITS | --- | 293 | --- | 293 | --- | --- |
| | OTHER SUPPORT (TEL) | | | | | | |
| | COMMAND AND CONTROL | | | | | | |
| 17 | ITEMS UNDER $5 MILLION (COMM & ELEC) | --- | 83,345 | --- | 83,345 | --- | --- |
| 18 | AIR OPERATIONS C2 SYSTEMS | --- | 11,048 | --- | 11,048 | --- | --- |
| | RADAR + EQUIPMENT (NON-TEL) | | | | | | |
| 19 | GROUND/AIR TASK ORIENTED RADAR | --- | 61,943 | --- | 61,943 | --- | --- |
| | INTELL/COMM EQUIPMENT (NON-TEL) | | | | | | |
| 20 | GCSS-MC | --- | 1,663 | --- | 1,663 | --- | --- |
| 21 | FIRE SUPPORT SYSTEM | --- | 48,322 | --- | 48,322 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 22 | INTELLIGENCE SUPPORT EQUIPMENT | --- | 182,894 | --- | 167,894 | --- | -15,000 |
| 24 | UNMANNED AIR SYSTEMS (INTEL) | --- | 47,595 | --- | 39,219 | --- | -8,376 |
| 25 | DCGS-MC | --- | 47,998 | --- | 40,598 | --- | -7,400 |
| 26 | UAS PAYLOADS | --- | 8,619 | --- | 8,619 | --- | --- |
| | OTHER SUPPORT (NON-TEL) | | | | | | |
| 29 | NEXT GENERATION ENTERPRISE NETWORK | --- | 276,763 | --- | 248,745 | --- | -28,018 |
| 30 | COMMON COMPUTER RESOURCES | --- | 40,096 | --- | 32,096 | --- | -8,000 |
| 31 | COMMAND POST SYSTEMS | --- | 58,314 | --- | 58,314 | --- | --- |
| 32 | RADIO SYSTEMS | --- | 612,450 | --- | 526,866 | --- | -85,584 |
| 33 | COMM SWITCHING & CONTROL SYSTEMS | --- | 51,976 | --- | 39,326 | --- | -12,650 |
| 34 | COMM & ELEC INFRASTRUCTURE SUPPORT | --- | 26,029 | --- | 26,029 | --- | --- |
| 35 | CYBERSPACE ACTIVITIES | --- | 17,759 | --- | 17,759 | --- | --- |
| 36 | CYBER MISSION FORCES | --- | 4,036 | --- | 4,036 | --- | --- |
| | CLASSIFIED PROGRAMS | --- | 3,884 | --- | 3,884 | --- | --- |
| | TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | --- | 1,673,343 | --- | 1,496,068 | | -177,275 |
| | SUPPORT VEHICLES | | | | | | |
| | ADMINISTRATIVE VEHICLES | | | | | | |
| 39 | COMMERCIAL CARGO VEHICLES | --- | 35,179 | --- | 27,269 | --- | -7,910 |
| | TACTICAL VEHICLES | | | | | | |
| 40 | MOTOR TRANSPORT MODIFICATIONS | --- | 17,807 | --- | 17,807 | --- | --- |
| 41 | JOINT LIGHT TACTICAL VEHICLE | 413 | 222,257 | 413 | 222,257 | --- | --- |
| 43 | TRAILERS | --- | 2,721 | --- | 2,721 | --- | --- |
| | TOTAL, SUPPORT VEHICLES | --- | 277,964 | --- | 270,054 | | -7,910 |
| | ENGINEER AND OTHER EQUIPMENT | | | | | | |
| | ENGINEER AND OTHER EQUIPMENT | | | | | | |
| 45 | TACTICAL FUEL SYSTEMS | --- | 7,854 | --- | 7,854 | --- | --- |
| 46 | POWER EQUIPMENT ASSORTED | --- | 5,841 | --- | 5,841 | --- | --- |
| 47 | AMPHIBIOUS SUPPORT EQUIPMENT | --- | 38,120 | --- | 38,120 | --- | --- |
| 48 | EOD SYSTEMS | --- | 201,047 | --- | 182,247 | --- | -18,800 |
| | MATERIALS HANDLING EQUIPMENT | | | | | | |
| 49 | PHYSICAL SECURITY EQUIPMENT | --- | 69,967 | --- | 65,967 | --- | -4,000 |
| | GENERAL PROPERTY | | | | | | |
| 50 | FIELD MEDICAL EQUIPMENT | --- | 21,780 | --- | 21,780 | --- | --- |
| 51 | TRAINING DEVICES | --- | 86,272 | --- | 72,171 | --- | -14,101 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 52 | FAMILY OF CONSTRUCTION EQUIPMENT..... | --- | 27,605 | --- | 27,605 | --- | --- |
| 53 | ULTRA-LIGHT TACTICAL VEHICLE..... | --- | 15,033 | --- | 15,033 | --- | --- |
| 54 | OTHER SUPPORT ITEMS LESS THAN $5 MILLION..... | --- | 26,433 | --- | 26,433 | --- | --- |
| | TOTAL, ENGINEER AND OTHER EQUIPMENT..... | --- | 499,952 | --- | 463,051 | | -36,901 |
| 54 | SPARES AND REPAIR PARTS..... | --- | 34,799 | --- | 34,799 | --- | --- |
| | TOTAL, PROCUREMENT, MARINE CORPS..... | --- | 3,681,506 | --- | 3,414,365 | | -267,141 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | AIRCRAFT PROCUREMENT, AIR FORCE | | | | | | |
| | COMBAT AIRCRAFT | | | | | | |
| 1 | B-21 RAIDER | --- | 1,498,431 | --- | 1,488,431 | --- | -10,000 |
| 2 | B-21 RAIDER (AP-CY) | --- | 288,165 | --- | 288,165 | --- | --- |
| | TACTICAL FORCES | | | | | | |
| 3 | F-35 | 33 | 3,320,757 | 33 | 3,482,757 | --- | +162,000 |
| 4 | F-35 (AP-CY) | --- | 594,886 | --- | 207,702 | --- | -387,184 |
| 5 | F-15EX | 24 | 2,422,348 | 18 | 1,880,908 | -6 | -541,440 |
| 6 | F-15EX (AP-CY) | --- | 264,000 | --- | 264,000 | --- | --- |
| | TOTAL, COMBAT AIRCRAFT | --- | 8,388,587 | --- | 7,611,963 | | -776,624 |
| | AIRLIFT AIRCRAFT/TACTICAL AIRLIFT | | | | | | |
| 7 | KC-46A TANKER | 15 | 2,684,503 | 15 | 2,674,753 | --- | -9,750 |
| | OTHER AIRLIFT | | | | | | |
| 8 | C-130J | --- | 75,293 | --- | 75,293 | --- | --- |
| 9 | MC-130J | --- | 40,351 | --- | 40,351 | --- | --- |
| | TOTAL, AIRLIFT AIRCRAFT | --- | 2,800,147 | --- | 2,790,397 | | -9,750 |
| | TRAINER AIRCRAFT | | | | | | |
| 11 | ADVANCED TRAINER REPLACEMENT T-X | --- | 10,507 | --- | 10,507 | --- | --- |
| | OTHER AIRCRAFT | | | | | | |
| | HELICOPTERS | | | | | | |
| 12 | MH-139A | 5 | 156,192 | --- | 97,801 | -5 | -58,391 |
| 13 | COMBAT RESCUE HELICOPTER | 10 | 707,018 | 10 | 694,018 | --- | -13,000 |
| | MISSION SUPPORT AIRCRAFT | | | | | | |
| 15 | CIVIL AIR PATROL A/C | --- | 2,952 | --- | 11,600 | --- | +8,648 |
| | OTHER AIRCRAFT | | | | | | |
| 16 | TARGET DRONES | 27 | 128,906 | 27 | 113,706 | --- | -15,200 |
| | COMPASS CALL | --- | --- | --- | 138,500 | --- | +138,500 |
| 18 | E-11 BACN/HAG | 1 | 67,260 | 1 | 67,260 | --- | --- |
| 19 | MQ-9 | --- | 17,039 | --- | 16,039 | --- | -1,000 |
| 21 | AGILITY PRIME PROCUREMENT | 5 | 3,612 | 5 | --- | --- | -3,612 |
| | TOTAL, OTHER AIRCRAFT | | 1,082,979 | | 1,138,924 | | +55,945 |
| | MODIFICATION OF INSERVICE AIRCRAFT | | | | | | |
| | STRATEGIC AIRCRAFT | | | | | | |
| 22 | B-2A | --- | 106,752 | --- | 91,771 | --- | -14,981 |
| 23 | B-1B | --- | 36,313 | --- | 28,594 | --- | -7,719 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 24 | B-52 | --- | 127,854 | --- | 113,729 | --- | -14,125 |
| | COMBAT RESCUE HELICOPTER | --- | --- | --- | --- | --- | --- |
| 25 | LARGE AIRCRAFT INFRARED COUNTERMEASURES | --- | 25,286 | --- | 25,286 | --- | --- |
| | TACTICAL AIRCRAFT | | | | | | |
| 26 | A-10 | --- | 83,972 | --- | 83,972 | --- | --- |
| 27 | E-11 BACN/HAG | --- | 10,309 | --- | 10,309 | --- | --- |
| 28 | F-15 | --- | 194,379 | --- | 194,379 | --- | --- |
| 29 | F-16 | --- | 700,455 | --- | 770,965 | --- | +70,510 |
| 30 | F-22A | --- | 764,222 | --- | 747,933 | --- | -16,289 |
| 31 | F-35 MODIFICATIONS | --- | 414,382 | --- | 414,382 | --- | --- |
| 32 | F-15 EPAW | 19 | 259,837 | 19 | 259,837 | --- | --- |
| 34 | KC-46A MODS | --- | 467 | --- | 467 | --- | --- |
| | AIRLIFT AIRCRAFT | | | | | | |
| 35 | C-5 | --- | 46,027 | --- | 15,673 | --- | -30,354 |
| 36 | C-17A | --- | 152,009 | --- | 157,509 | --- | +5,500 |
| 37 | C-32A | --- | 4,068 | --- | 4,068 | --- | --- |
| 38 | C-37A | --- | 6,062 | --- | 6,062 | --- | --- |
| | TRAINER AIRCRAFT | | | | | | |
| 39 | GLIDER MODS | --- | 149 | --- | 149 | --- | --- |
| 40 | T-6 | --- | 6,215 | --- | 6,215 | --- | --- |
| 41 | T-1 | --- | 6,262 | --- | 6,262 | --- | --- |
| 42 | T-38 | --- | 111,668 | --- | 111,668 | --- | --- |
| | OTHER AIRCRAFT | | | | | | |
| 44 | U-2 MODS | --- | 81,650 | --- | 72,850 | --- | -8,800 |
| 45 | KC-10A (ATCA) | --- | 3,443 | --- | 2,043 | --- | -1,400 |
| 46 | C-21 | --- | 2,024 | --- | 2,024 | --- | --- |
| 47 | VC-25A MOD | --- | 2,146 | --- | 2,146 | --- | --- |
| 48 | C-40 | --- | 2,197 | --- | 2,197 | --- | --- |
| 49 | C-130 | --- | 114,268 | --- | 242,268 | --- | +128,000 |
| 50 | C-130J MODS | --- | 112,299 | --- | 112,299 | --- | --- |
| 51 | C-135 | --- | 149,023 | --- | 136,123 | --- | -12,900 |
| 52 | COMPASS CALL MODS | --- | 16,630 | --- | 90,130 | --- | +73,500 |
| 53 | RC-135 | --- | 212,828 | --- | 212,828 | --- | --- |
| 54 | E-3 | --- | 54,247 | --- | 29,187 | --- | -25,060 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 55 | E-4 | --- | 5,973 | --- | 5,973 | --- | --- |
| 56 | E-8 | --- | 16,610 | --- | --- | --- | -16,610 |
| 57 | AIRBORNE WARNING AND CONTROL SYSTEM | --- | --- | --- | --- | --- | --- |
| 59 | H-1 | --- | 1,757 | --- | 1,757 | --- | --- |
| 60 | H-60 | --- | 10,820 | --- | 10,820 | --- | --- |
| 61 | COMBAT RESCUE HELICOPTER MODIFICATION | --- | 3,083 | --- | 3,083 | --- | --- |
| 62 | RQ-4 UAV MODS | --- | 1,286 | --- | 1,286 | --- | --- |
| 63 | HC/MC-130 MODIFICATIONS | --- | 138,956 | --- | 108,318 | --- | -30,638 |
| 64 | OTHER AIRCRAFT | --- | 29,029 | --- | 41,383 | --- | +12,354 |
| 65 | MQ-9 MODS | --- | 64,370 | --- | 164,370 | --- | +100,000 |
| 66 | MQ-9 UAS PAYLOADS | --- | --- | --- | --- | --- | --- |
| 67 | SENIOR LEADER C3, SYSTEM - AIRCRAFT | --- | 24,784 | --- | 24,784 | --- | --- |
| 68 | CV-22 MODS | --- | 153,026 | --- | 153,026 | --- | --- |
| | TOTAL, MODIFICATION OF INSERVICE AIRCRAFT | --- | 4,257,137 | --- | 4,468,125 | | +210,988 |
| | AIRCRAFT SPARES AND REPAIR PARTS | | | | | | |
| 69 | INITIAL SPARES/REPAIR PARTS | --- | 623,661 | --- | 722,070 | --- | +98,409 |
| | AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| | COMMON SUPPORT EQUIPMENT | | | | | | |
| 70 | AIRCRAFT REPLACEMENT SUPPORT EQUIP | --- | 138,935 | --- | 138,935 | --- | --- |
| | POST PRODUCTION SUPPORT | | | | | | |
| 71 | B-2A | --- | 1,802 | --- | 1,802 | --- | --- |
| 72 | B-2B | --- | 36,325 | --- | 36,325 | --- | --- |
| 73 | B-52 | --- | 5,883 | --- | 5,883 | --- | --- |
| 73A | C-5 (BA07) | --- | --- | --- | 18,000 | --- | +18,000 |
| 74 | F-15 | --- | 2,764 | --- | 2,764 | --- | --- |
| 75 | F-16 POST PRODUCTION SUPPORT | --- | 5,102 | --- | 5,102 | --- | --- |
| 77 | MQ9 POST PROD | --- | 7,069 | --- | 7,069 | --- | --- |
| 78 | RQ-4 POST PRODUCTION CHARGES | --- | 40,845 | --- | 40,845 | --- | --- |
| | INDUSTRIAL RESPONSIVENESS | | | | | | |
| 79 | INDUSTRIAL RESPONSIVENESS | --- | 19,128 | --- | 19,128 | --- | --- |
| | WAR CONSUMABLES | | | | | | |
| 80 | WAR CONSUMABLES | --- | 31,165 | --- | 31,165 | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OTHER PRODUCTION CHARGES | | | | | | |
| 81 | OTHER PRODUCTION CHARGES..... | --- | 1,047,300 | --- | 1,047,300 | --- | --- |
| | TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | --- | 1,336,318 | --- | 1,354,318 | | +18,000 |
| | CLASSIFIED PROGRAMS..... | --- | 18,092 | --- | 18,092 | --- | --- |
| | TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE..... | --- | 18,517,428 | --- | 18,114,396 | | -403,032 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MISSILE PROCUREMENT, AIR FORCE | | | | | | |
| | BALLISTIC MISSILES | | | | | | |
| | MISSILE REPLACEMENT EQUIPMENT - BALLISTIC | | | | | | |
| 1 | MISSILE REPLACEMENT EQ-BALLISTIC | --- | 57,476 | --- | 40,076 | --- | -17,400 |
| | STRATEGIC | | | | | | |
| 4 | LONG RANGE STAND-OFF WEAPON | --- | 31,454 | --- | 31,454 | --- | --- |
| | GROUND BASED STRATEGIC DETERRENT ADVANCE PROCUREMENT (AP-CY) | --- | --- | --- | --- | --- | --- |
| | OTHER MISSILES | | | | | | |
| | TACTICAL | | | | | | |
| 5 | REPLAC EQUIP & WAR CONSUMABLES | --- | 30,510 | --- | 30,510 | --- | --- |
| 6 | AGM-183A AIR-LAUNCHED RAPID RESPONSE WEAPON | 1 | 46,566 | --- | --- | -1 | -46,566 |
| 7 | JOINT AIR-SURFACE STANDOFF MISSILE (JASSM) | 550 | 784,971 | 540 | 773,711 | -10 | -11,260 |
| 8 | LRASMO | 28 | 114,025 | 28 | 114,025 | --- | --- |
| 9 | SIDEWINDER (AIM-9X) | 255 | 111,855 | 255 | 111,855 | --- | --- |
| 10 | AMRAAM | 271 | 320,056 | 271 | 320,056 | --- | --- |
| 11 | PREDATOR HELLFIRE MISSILE | --- | 1,040 | --- | 1,040 | --- | --- |
| 12 | SMALL DIAMETER BOMB | 356 | 46,475 | 356 | 46,475 | --- | --- |
| 13 | SMALL DIAMETER BOMB II | 761 | 279,006 | 761 | 279,006 | --- | --- |
| 14 | STAND-IN ATTACK WEAPON (SIAW) | 42 | 77,975 | 42 | 77,975 | --- | --- |
| | INDUSTRIAL FACILITIES | | | | | | |
| 15 | INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION | --- | 868 | --- | 868 | --- | --- |
| | TOTAL, OTHER MISSILES | --- | 1,813,347 | --- | 1,755,521 | | -57,826 |
| | MODIFICATION OF INSERVICE MISSILES | | | | | | |
| | CLASS IV | | | | | | |
| 18 | ICBM FUZE MOD | --- | 99,691 | --- | 85,691 | --- | -14,000 |
| 19 | ICBM FUZE MOD | --- | 37,673 | --- | 37,673 | --- | --- |
| 20 | MM III MODIFICATIONS | --- | 68,193 | --- | 61,724 | --- | -6,469 |
| 22 | AIR LAUNCH CRUISE MISSILE | --- | 33,778 | --- | 33,778 | --- | --- |
| | TOTAL, MODIFICATION OF INSERVICE MISSILES | --- | 239,335 | --- | 218,866 | | -20,469 |
| | SPARES AND REPAIR PARTS | | | | | | |
| 23 | INITIAL SPARES/REPAIR PARTS | --- | 15,354 | --- | 15,354 | --- | --- |
| 24 | REPLEN SPARES/REPAIR PARTS | --- | 62,978 | --- | 62,978 | --- | --- |
| 25 | INITIAL SPARES/REPAIR PARTS | --- | --- | --- | --- | --- | --- |
| | TOTAL, SPARES AND REPAIR PARTS | --- | 78,332 | --- | 78,332 | | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SPECIAL PROGRAMS | | | | | | |
| 28 | SPECIAL UPDATE PROGRAMS | --- | 36,933 | --- | 36,933 | --- | --- |
| | CLASSIFIED PROGRAMS | --- | 705,540 | --- | 705,540 | --- | --- |
| | TOTAL, SPECIAL PROGRAMS | --- | 742,473 | --- | 742,473 | | --- |
| | TOTAL, MISSILE PROCUREMENT, AIR FORCE | --- | 2,962,417 | --- | 2,866,722 | | -95,695 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT OF AMMUNITION, AIR FORCE | | | | | | |
| | PROCUREMENT OF AMMO, AIR FORCE | | | | | | |
| 1 | ROCKETS | --- | 22,190 | --- | 22,190 | --- | --- |
| 2 | CARTRIDGES | --- | 124,164 | --- | 117,064 | --- | -7,100 |
| | BOMBS | | | | | | |
| 3 | PRACTICE BOMBS | --- | --- | --- | --- | --- | --- |
| 4 | GENERAL PURPOSE BOMBS | --- | 162,800 | --- | 162,300 | --- | -500 |
| 5 | MASSIVE ORDNANCE PENETRATOR (MOP) | --- | 19,743 | --- | 19,743 | --- | --- |
| 6 | JOINT DIRECT ATTACK MUNITION | 4,200 | 251,956 | 4,200 | 251,956 | --- | --- |
| 7 | B61 | --- | --- | --- | --- | --- | --- |
| 8 | CAD/PAD | --- | 50,473 | --- | 48,473 | --- | -2,000 |
| 9 | EXPLOSIVE ORDNANCE DISPOSAL (EOD) | --- | 6,343 | --- | 6,343 | --- | --- |
| 10 | SPARES AND REPAIR PARTS | --- | 573 | --- | 573 | --- | --- |
| 11 | MODIFICATIONS | --- | --- | --- | --- | --- | --- |
| 12 | FIRST DESTINATION TRANSPORTATION | --- | 1,903 | --- | 3,025 | --- | +1,122 |
| 13 | ITEMS LESS THAN $5,000,000 | --- | 5,014 | --- | 5,014 | --- | --- |
| | FLARES/FUZES | | | | | | |
| 14 | EXPENDABLE COUNTERMEASURES | --- | 120,548 | --- | 120,548 | --- | --- |
| 15 | FUZES | --- | 121,528 | --- | 121,528 | --- | --- |
| | TOTAL, PROCUREMENT OF AMMO, AIR FORCE | --- | 887,235 | --- | 878,757 | | -8,478 |
| | WEAPONS | | | | | | |
| 16 | SMALL ARMS | --- | 16,395 | --- | 11,773 | --- | -4,622 |
| | TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE | --- | 903,630 | --- | 890,530 | | -13,100 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OTHER PROCUREMENT, AIR FORCE | | | | | | |
| | VEHICULAR EQUIPMENT | | | | | | |
| | PASSENGER CARRYING VEHICLES | | | | | | |
| 1 | PASSENGER CARRYING VEHICLE | --- | 2,446 | --- | 2,446 | --- | --- |
| | CARGO + UTILITY VEHICLES | | | | | | |
| 2 | FAMILY MEDIUM TACTICAL VEHICLE | --- | 1,125 | --- | 1,125 | --- | --- |
| 3 | CAP VEHICLES | --- | 999 | --- | 1,900 | --- | +901 |
| 4 | ITEMS LESS THAN $5M (CARGO AND UTILITY VEHICLES) | --- | 35,220 | --- | 35,220 | --- | --- |
| | SPECIAL PURPOSE VEHICLES | | | | | | |
| 5 | JOINT LIGHT TACTICAL VEHICLE | --- | 60,461 | --- | 60,461 | --- | --- |
| 6 | SECURITY AND TACTICAL VEHICLES | --- | 382 | --- | 382 | --- | --- |
| 7 | ITEMS LESS THAN $5M (SPECIAL PURPOSE VEHICLES) | --- | 49,623 | --- | 49,623 | --- | --- |
| | FIRE FIGHTING EQUIPMENT | | | | | | |
| 8 | FIRE FIGHTING/CRASH RESCUE VEHICLES | --- | 11,231 | --- | 11,231 | --- | --- |
| | MATERIALS HANDLING EQUIPMENT | | | | | | |
| 9 | ITEMS LESS THAT $5M (MATERIALS HANDLING EQUIPMENT) | --- | 12,559 | --- | 15,259 | --- | +2,700 |
| | BASE MAINTENANCE SUPPORT | | | | | | |
| 10 | RUNWAY SNOW REMOVAL & CLEANING EQUIP | --- | 6,409 | --- | 6,409 | --- | --- |
| 11 | ITEMS LESS THAN $5M (BASE MAINTENANCE SUPPORT VEHICLES) | --- | 72,012 | --- | 72,012 | --- | --- |
| | TOTAL, VEHICULAR EQUIPMENT | --- | 252,467 | --- | 256,068 | | +3,601 |
| | ELECTRONICS AND TELECOMMUNICATIONS EQUIP | | | | | | |
| | COMM SECURITY EQUIPMENT(COMSEC) | | | | | | |
| 13 | COMSEC EQUIPMENT | --- | 96,851 | --- | 96,851 | --- | --- |
| 14 | STRATEGIC MICROELECTRONIC SUPPLY SYSTEM | --- | 467,901 | --- | 467,901 | --- | --- |
| | INTELLIGENCE PROGRAMS | | | | | | |
| 15 | INTERNATIONAL INTEL TECH AND ARCHITECTURES | --- | 7,043 | --- | 7,043 | --- | --- |
| 16 | INTELLIGENCE TRAINING EQUIPMENT | --- | 2,424 | --- | 2,424 | --- | --- |
| 17 | INTELLIGENCE COMM EQUIP | --- | 25,308 | --- | 25,308 | --- | --- |
| | ELECTRONICS PROGRAMS | | | | | | |
| 18 | TRAFFIC CONTROL/LANDING | --- | 65,531 | --- | 65,531 | --- | --- |
| 19 | BATTLE CONTROL SYSTEM - FIXED | --- | 1,597 | --- | 1,597 | --- | --- |
| 20 | THEATER AIR CONTROL SYS IMPRO | --- | 9,611 | --- | 6,611 | --- | -3,000 |
| 21 | 3D EXPEDITIONARY LONG-RANGE RADAR | --- | 174,640 | --- | 174,640 | --- | --- |
| 22 | WEATHER OBSERVATION FORECAST | --- | 20,658 | --- | 20,658 | --- | --- |
| 23 | STRATEGIC COMMAND AND CONTROL | --- | 93,351 | --- | 93,567 | --- | +216 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 24 | CHEYENNE MOUNTAIN COMPLEX | --- | 6,118 | --- | 6,118 | --- | --- |
| 25 | MISSION PLANNING SYSTEMS | --- | 13,947 | --- | 13,947 | --- | --- |
| 27 | INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN) | --- | --- | --- | 4,740 | --- | +4,740 |
| | SPECIAL COMM-ELECTRONICS PROJECTS | | | | | | |
| 28 | GENERAL INFORMATION TECHNOLOGY | --- | 101,517 | --- | 101,517 | --- | --- |
| 29 | AF GLOBAL COMMAND & CONTROL SYSTEM | --- | 2,487 | --- | 2,487 | --- | --- |
| 30 | BATTLEFIELD AIRBORNE CONTROL NODE (BACN) | --- | 32,807 | --- | 32,807 | --- | --- |
| 31 | MOBILITY COMMAND AND CONTROL | --- | 10,210 | --- | 10,210 | --- | --- |
| 32 | AIR FORCE PHYSICAL SECURITY SYSTEM | --- | --- | --- | --- | --- | --- |
| 35 | COMBAT TRAINING RANGES | --- | 134,213 | --- | 139,213 | --- | +5,000 |
| | COMBAT TRAINING RANGES (AP) | --- | --- | --- | --- | --- | --- |
| 36 | MINIMUM ESSENTIAL EMERGENCY COMM N | --- | 66,294 | --- | 66,294 | --- | --- |
| 37 | WIDE AREA SURVEILLANCE (WAS) | --- | 29,518 | --- | 29,518 | --- | --- |
| 38 | C3 COUNTERMEASURES | --- | 55,324 | --- | 55,324 | --- | --- |
| 39 | INTEGRATED PERSONNEL AND PAY SYSTEM | --- | --- | --- | --- | --- | --- |
| 40 | GCSS-AF FOS | --- | 786 | --- | 786 | --- | --- |
| 41 | DEFENSE ENTERPRISE ACCOUNTING AND MGMT | --- | --- | --- | --- | --- | --- |
| 42 | MAINTENANCE REPAIR AND OVERHAUL INITIATIVE | --- | 248 | --- | 248 | --- | --- |
| 43 | THEATER BATTLE MGT C2 SYS | --- | 275 | --- | 275 | --- | --- |
| 44 | AIR AND SPACE OPERATIONS CTR-WPN SYSTEM | --- | 2,611 | --- | 21,753 | --- | +19,142 |
| | AIR FORCE COMMUNICATIONS | | | | | | |
| 46 | INFORMATION TRANSPORT SYSTEMS | --- | 29,791 | --- | 29,791 | --- | --- |
| 47 | AFNET | --- | 83,320 | --- | 80,320 | --- | -3,000 |
| 48 | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) | --- | 5,199 | --- | 5,199 | --- | --- |
| 49 | USCENTCOM | --- | 11,896 | --- | 11,896 | --- | --- |
| 50 | USSTRATCOM | --- | 4,619 | --- | 4,619 | --- | --- |
| | ORGANIZATION AND BASE | | | | | | |
| 51 | TACTICAL C-E EQUIPMENT | --- | 120,050 | --- | 120,050 | --- | --- |
| 52 | RADIO EQUIPMENT | --- | 14,053 | --- | 14,053 | --- | --- |
| 54 | BASE COMM INFRASTRUCTURE | --- | 91,313 | --- | 91,313 | --- | --- |
| | MODIFICATIONS | | | | | | |
| 55 | COMM ELECT MODS | --- | 167,419 | --- | 59,419 | --- | -108,000 |
| | TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP. | --- | 1,948,930 | --- | 1,864,028 | | -84,902 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OTHER BASE MAINTENANCE AND SUPPORT EQUIP | | | | | | |
| | PERSONAL SAFETY AND RESCUE EQUIP | | | | | | |
| 56 | ITEMS LESS THAN $5,000,000 (SAFETY)..... | --- | 92,995 | --- | 102,995 | --- | +10,000 |
| | DEPOT PLANT + MATERIALS HANDLING EQ | | | | | | |
| 57 | POWER CONDITIONING EQUIPMENT..... | --- | 12,199 | --- | 12,199 | --- | --- |
| 58 | MECHANIZED MATERIAL HANDLING..... | --- | 9,326 | --- | 9,326 | --- | --- |
| | BASE SUPPORT EQUIPMENT | | | | | | |
| 59 | BASE PROCURED EQUIPMENT..... | --- | 52,890 | --- | 52,890 | --- | --- |
| 60 | ENGINEERING AND EOD EQUIPMENT..... | --- | 231,552 | --- | 231,552 | --- | --- |
| 61 | MOBILITY EQUIPMENT..... | --- | 28,758 | --- | 28,758 | --- | --- |
| 62 | FUELS SUPPORT EQUIPMENT (FSE)..... | --- | 21,740 | --- | 12,740 | --- | -9,000 |
| 63 | ITEMS LESS THAN $5M (BASE SUPPORT)..... | --- | --- | --- | --- | --- | --- |
| | SPECIAL SUPPORT PROJECTS | | | | | | |
| 65 | DARP RC135..... | --- | 28,153 | --- | 28,153 | --- | --- |
| 66 | DISTRIBUTED GROUND SYSTEMS..... | --- | 217,713 | --- | 217,713 | --- | --- |
| 70 | SPECIAL UPDATE PROGRAM..... | --- | 978,499 | --- | 978,499 | --- | --- |
| | TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP. | --- | 1,673,825 | --- | 1,674,825 | | +1,000 |
| | SPARE AND REPAIR PARTS | | | | | | |
| 71 | SPARES AND REPAIR PARTS (CYBER)..... | --- | 1,007 | --- | 1,007 | --- | --- |
| 72 | SPARES AND REPAIR PARTS..... | --- | 23,175 | --- | 18,175 | --- | -5,000 |
| | CLASSIFIED PROGRAMS..... | --- | 21,791,709 | --- | 21,612,571 | --- | -179,138 |
| | TOTAL, OTHER PROCUREMENT, AIR FORCE..... | | 25,691,113 | | 25,426,674 | | -264,439 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT, SPACE FORCE | | | | | | |
| | SPACE PROGRAMS | | | | | | |
| 2 | AF SATELLITE COMM SYSTEM | --- | 51,414 | --- | 51,414 | --- | --- |
| 3 | COUNTERSPACE SYSTEMS | --- | 62,691 | --- | 60,241 | --- | -2,450 |
| 4 | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS | --- | 26,394 | --- | 16,144 | --- | -10,250 |
| 5 | WIDEBAND GAPFILLER SATELLITES (SPACE) | --- | 21,982 | --- | 14,482 | --- | -7,500 |
| 6 | GENERAL INFORMATION TECH - SPACE | --- | 5,424 | --- | 5,424 | --- | --- |
| 7 | GPSIII FOLLOW ON | 2 | 657,562 | 2 | 646,962 | --- | -10,600 |
| 8 | GPS III SPACE SEGMENT | --- | 103,340 | --- | 103,340 | --- | --- |
| 9 | GLOBAL POSTIONING (SPACE) | --- | 950 | --- | 950 | --- | --- |
| 10 | HERITAGE TRANSITION | --- | 21,896 | --- | 21,896 | --- | --- |
| 11 | SPACEBORNE EQUIP (COMSEC) | --- | 29,587 | --- | 20,067 | --- | -9,520 |
| 12 | MILSATCOM | --- | 29,333 | --- | 29,333 | --- | --- |
| 13 | SBIR HIGH (SPACE) | --- | 148,666 | --- | 141,966 | --- | -6,700 |
| 14 | SPECIAL SPACE ACTIVITIES | --- | 817,484 | --- | 805,004 | --- | -12,480 |
| 15 | MOBILE USER OBJECTIVE SYSTEM | --- | 46,833 | --- | 46,833 | --- | --- |
| 16 | NATIONAL SECURITY SPACE LAUNCH | 5 | 1,056,133 | 5 | 1,009,033 | --- | -47,100 |
| 17 | NUDET DETECTION SYSTEM | --- | 7,062 | --- | 7,062 | --- | --- |
| 18 | PTES HUB | --- | 42,464 | --- | 42,464 | --- | --- |
| 19 | ROCKET SYSTEMS LAUNCH PROGRAM | --- | 39,145 | --- | 39,145 | --- | --- |
| 20 | SPACE DEVELOPMENT AGENCY LAUNCH | 3 | 314,288 | 5 | 514,288 | +2 | +200,000 |
| 22 | SPACE MODS | --- | 73,957 | --- | 68,257 | --- | -5,700 |
| 23 | SPACELIFT RANGE SYSTEM SPACE | --- | 71,712 | --- | 71,712 | --- | --- |
| 24 | SPARES AND REPAIR PARTS | --- | 1,352 | --- | 1,352 | --- | --- |
| | TOTAL, PROCUREMENT, SPACE FORCE | | 3,629,669 | | 3,717,369 | | +87,700 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| | PROCUREMENT, DEFENSE-WIDE | | | | | | |
| | MAJOR EQUIPMENT | | | | | | |
| | MAJOR EQUIPMENT, DCMA | | | | | | |
| | MAJOR EQUIPMENT, DCSA | | | | | | |
| 1 | MAJOR EQUIPMENT | --- | 2,346 | --- | 2,346 | --- | --- |
| | MAJOR EQUIPMENT, DHRA | | | | | | |
| 3 | PERSONNEL ADMINISTRATION | --- | 4,522 | --- | 4,522 | --- | --- |
| | MAJOR EQUIPMENT, DISA | | | | | | |
| 11 | INFORMATION SYSTEMS SECURITY | --- | 24,044 | --- | 24,044 | --- | --- |
| 12 | TELEPORT PROGRAM | --- | 50,475 | --- | 50,475 | --- | --- |
| 13 | JOINT FORCES HEADQUARTERS - DODIN | --- | 674 | --- | 674 | --- | --- |
| 14 | ITEMS LESS THAN $5M | --- | 46,614 | --- | 46,614 | --- | --- |
| 15 | DEFENSE INFORMATION SYSTEMS NETWORK | --- | 87,345 | --- | 87,345 | --- | --- |
| 16 | WHITE HOUSE COMMUNICATION AGENCY | --- | 130,145 | --- | 130,145 | --- | --- |
| 17 | SENIOR LEADERSHIP ENTERPRISE | --- | 47,864 | --- | 47,864 | --- | --- |
| 18 | JOINT REGIONAL SECURITY STACKS (JRSS) | --- | 17,135 | --- | 17,135 | --- | --- |
| 19 | JOINT SERVICE PROVIDER | --- | 86,183 | --- | 86,183 | --- | --- |
| 20 | FOURTH ESTATE NETWORK OPTIMIZATION (4ENO) | --- | 42,756 | --- | 42,756 | --- | --- |
| | MAJOR EQUIPMENT, DLA | | | | | | |
| 22 | MAJOR EQUIPMENT | --- | 24,501 | --- | 24,501 | --- | --- |
| | MAJOR EQUIPMENT, DMACT | | | | | | |
| 23 | MAJOR EQUIPMENT | --- | 11,117 | --- | 11,117 | --- | --- |
| | MAJOR EQUIPMENT, DODEA | | | | | | |
| 24 | AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS | --- | 2,048 | --- | 2,048 | --- | --- |
| | MAJOR EQUIPMENT, DPAA | | | | | | |
| 25 | MAJOR EQUIPMENT, DPAA | 10 | 513 | 10 | 513 | --- | --- |
| | MAJOR EQUIPMENT, DSS | | | | | | |
| | MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY | | | | | | |
| 27 | VEHICLES | --- | 139 | --- | 139 | --- | --- |
| 28 | OTHER MAJOR EQUIPMENT | --- | 14,296 | --- | 14,296 | --- | --- |
| | MAJOR EQUIPMENT, MDA | | | | | | |
| 30 | THAAD SYSTEM | 3 | 74,994 | 3 | 74,994 | --- | --- |
| 31 | GROUND BASED MIDCOURSE | --- | 11,300 | --- | 11,300 | --- | --- |
| 32 | AEGIS BMD | 47 | 402,235 | 47 | 402,235 | --- | --- |
| 32 | AEGIS BMD (AP) | --- | --- | --- | --- | --- | --- |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 34 | BMDS AN/TPY-2 RADARS | --- | 4,606 | --- | 4,606 | --- | --- |
| 35 | AEGIS BMD SM-3 BLOCK IIA | 10 | 337,975 | 10 | 337,975 | --- | --- |
| 36 | ISRAELI PROGRAMS | 1 | 80,000 | 1 | 80,000 | --- | --- |
| 37 | SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) | 1 | 40,000 | 1 | 40,000 | --- | --- |
| 38 | DEFENSE OF GUAM PROCUREMENT | --- | 26,514 | --- | 26,514 | --- | --- |
| 39 | AEGIS ASHORE PHASE III | --- | 30,056 | --- | 30,056 | --- | --- |
| 40 | IRON DOME SYSTEM | 1 | 80,000 | 1 | 80,000 | --- | --- |
| 41 | AEGIS BMD HARDWARE AND SOFTWARE | 6 | 78,181 | 6 | 78,181 | --- | --- |
| | MAJOR EQUIPMENT, NSA | | | | | | |
| 47 | INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) | --- | 6,738 | --- | 6,738 | --- | --- |
| | MAJOR EQUIPMENT, OSD | | | | | | |
| 50 | MAJOR EQUIPMENT, OSD | --- | 64,291 | --- | 153,291 | --- | +89,000 |
| | MAJOR EQUIPMENT, SDA | --- | --- | --- | --- | --- | --- |
| | MAJOR EQUIPMENT, TJS | | | | | | |
| 52 | MAJOR EQUIPMENT, TJS | --- | 3,900 | --- | 3,900 | --- | --- |
| | MAJOR EQUIPMENT, WHS | | | | | | |
| 54 | MAJOR EQUIPMENT, WHS | --- | 310 | --- | 310 | --- | --- |
| | AGILE PROCUREMENT TRANSITION PILOT | --- | --- | --- | --- | --- | --- |
| | TOTAL, MAJOR EQUIPMENT | --- | 1,833,817 | --- | 1,922,817 | | +89,000 |
| | SPECIAL OPERATIONS COMMAND | | | | | | |
| | AVIATION PROGRAMS | | | | | | |
| 55 | ARMED OVERWATCH/TARGETING | 9 | 246,000 | 9 | 246,000 | --- | --- |
| 56 | MANNED ISR | --- | 5,000 | --- | 5,000 | --- | --- |
| 57 | MC-12 | --- | 3,344 | --- | 3,344 | --- | --- |
| | MH-60 BLACKHAWK | --- | --- | --- | --- | --- | --- |
| 59 | SOF ROTARY WING UPGRADES AND SUSTAINMENT | --- | 214,575 | --- | 210,283 | --- | -4,292 |
| 60 | Unmanned ISR | --- | 41,749 | --- | 41,749 | --- | --- |
| 61 | NON-STANDARD AVIATION | --- | 7,156 | --- | 7,156 | --- | --- |
| 62 | SOF U-28 | --- | 4,589 | --- | 4,589 | --- | --- |
| 63 | MH-47 CHINOOK | --- | 133,144 | --- | 133,144 | --- | --- |
| 64 | CV-22 SOF MODIFICATION | --- | 75,629 | --- | 83,215 | --- | +7,586 |
| 65 | MQ-9 UNMANNED AERIAL VEHICLE | --- | 9,000 | --- | 9,000 | --- | --- |
| 66 | PRECISION STRIKE PACKAGE | --- | 57,450 | --- | 57,450 | --- | --- |
| 67 | AC/MC-130J | --- | 225,569 | --- | 221,058 | --- | -4,511 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|---|
| | | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| 68 | C-130 MODIFICATIONS..... | --- | 11,945 | --- | 16,893 | --- | +4,948 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SHIPBUILDING | | | | | | |
| 69 | UNDERWATER SYSTEMS | --- | 45,631 | --- | 44,718 | --- | -913 |
| | AMMUNITION PROGRAMS | | | | | | |
| 70 | SOF ORDNANCE ITEMS UNDER $5,000,000 | --- | 151,233 | --- | 154,938 | --- | +3,705 |
| | OTHER PROCUREMENT PROGRAMS | | | | | | |
| 71 | SOF INTELLIGENCE SYSTEMS | --- | 175,616 | --- | 219,094 | --- | +43,478 |
| 72 | DCGS-SOF | --- | 2,214 | --- | 2,214 | --- | --- |
| 73 | OTHER ITEMS UNDER $5,000,000 | --- | 98,096 | --- | 96,134 | --- | -1,962 |
| 74 | SOF COMBATANT CRAFT SYSTEMS | --- | 85,566 | --- | 85,566 | --- | --- |
| 75 | SPECIAL PROGRAMS | --- | 20,042 | --- | 20,042 | --- | --- |
| 76 | TACTICAL VEHICLES | --- | 51,605 | --- | 51,605 | --- | --- |
| 77 | WARRIOR SYSTEMS UNDER $5,000,000 | --- | 306,846 | --- | 352,992 | --- | +46,146 |
| 78 | COMBAT MISSION REQUIREMENTS | --- | 4,991 | --- | 4,991 | --- | --- |
| 80 | SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE | --- | 18,723 | --- | 18,723 | --- | --- |
| 81 | SOF OPERATIONAL ENHANCEMENTS | --- | 347,473 | --- | 358,227 | --- | +10,754 |
| | TOTAL, SPECIAL OPERATIONS COMMAND | --- | 2,343,186 | --- | 2,448,125 | | +104,939 |
| | CHEMICAL/BIOLOGICAL DEFENSE | | | | | | |
| 82 | CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS | --- | 199,439 | --- | 197,747 | --- | -1,692 |
| 83 | CB PROTECTION AND HAZARD MITIGATION | --- | 187,164 | --- | 187,164 | --- | --- |
| | TOTAL, CHEMICAL/BIOLOGICAL DEFENSE | --- | 386,603 | --- | 384,911 | | -1,692 |
| 9999 | CLASSIFIED PROGRAMS | --- | 681,894 | --- | 669,894 | --- | -12,000 |
| | TOTAL, PROCUREMENT, DEFENSE-WIDE | --- | 5,245,500 | --- | 5,425,747 | | +180,247 |

PROCUREMENT
(DOLLARS IN THOUSANDS)

| | | REQUEST QTY | REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | DEFENSE PRODUCTION ACT PURCHASES | | | | | | |
| 1 | DEFENSE PRODUCTION ACT PURCHASES..... | --- | 659,906 | --- | 707,906 | --- | +48,000 |
| 1 | TOTAL, DEFENSE PRODUCTION ACT PURCHASES..... | --- | 659,906 | --- | 707,906 | | +48,000 |
| | NATIONAL GUARD AND RESERVE EQUIPMENT..... | --- | --- | --- | 1,000,000 | --- | +1,000,000 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY | | | |
| | BASIC RESEARCH | | | |
| 1 | DEFENSE RESEARCH SCIENCES | 279,328 | 331,828 | +52,500 |
| 2 | UNIVERSITY RESEARCH INITIATIVES | 70,775 | 77,775 | +7,000 |
| 3 | UNIVERSITY AND INDUSTRY RESEARCH CENTERS | 100,909 | 110,709 | +9,800 |
| 4 | CYBER COLLABORATIVE RESEARCH ALLIANCE | 5,355 | 5,355 | --- |
| 5 | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH | 10,456 | 10,456 | --- |
| | TOTAL, BASIC RESEARCH | 466,823 | 536,123 | +69,300 |
| | APPLIED RESEARCH | | | |
| 6 | ARMY AGILE INNOVATION AND DEVELOPMENT-APPLIED RESEARCH | 9,534 | 9,534 | --- |
| 7 | BIOMEDICAL TECHNOLOGY | --- | --- | --- |
| 8 | COUNTER IMPROVISED-THREAT ADVANCED STUDIES | 6,192 | 6,192 | --- |
| 9 | LETHALITY TECHNOLOGY | 87,717 | 142,717 | +55,000 |
| 10 | ARMY APPLIED RESEARCH | 27,833 | 27,833 | --- |
| 11 | SOLDIER LETHALITY TECHNOLOGY | 103,839 | 151,839 | +48,000 |
| 12 | GROUND TECHNOLOGY | 52,848 | 135,748 | +82,900 |
| 13 | NEXT GENERATION COMBAT VEHICLE TECHNOLOGY | 174,090 | 216,090 | +42,000 |
| 14 | NETWORK C3I TECHNOLOGY | 64,115 | 112,115 | +48,000 |
| 15 | LONG RANGE PRECISION FIRES TECHNOLOGY | 43,029 | 88,029 | +45,000 |
| 16 | FUTURE VERTICAL LIFT TECHNOLOGY | 69,348 | 74,348 | +5,000 |
| 17 | AIR AND MISSILE DEFENSE TECHNOLOGY | 27,016 | 48,768 | +21,752 |
| 18 | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES | 16,454 | 16,454 | --- |
| 19 | ALL DOMAIN CONVERGENCE APPLIED RESEARCH | 27,399 | 27,399 | --- |
| 20 | C3I APPLIED RESEARCH | 27,892 | 27,892 | --- |
| 21 | AIR PLATFORM APPLIED RESEARCH | 41,588 | 46,588 | +5,000 |
| 22 | SOLDIER APPLIED RESEARCH | 15,716 | 15,716 | --- |
| 23 | C3I APPLIED CYBER | 13,605 | 13,605 | --- |
| 24 | BIOTECHNOLOGY FOR MATERIALS - APPLIED RESEARCH | 21,919 | 21,919 | --- |
| 25 | MANPOWER/PERSONNEL/TRAINING TECHNOLOGY | 19,649 | 19,649 | --- |
| 26 | MEDICAL TECHNOLOGY | 33,976 | 49,656 | +15,680 |
| | TOTAL, APPLIED RESEARCH | 883,759 | 1,252,091 | +368,332 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 27 | MEDICAL ADVANCED TECHNOLOGY | 5,207 | 21,588 | +16,381 |
| 28 | MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY | 15,598 | 15,598 | --- |
| 29 | ARMY AGILE INNOVATION AND DEMONSTRATION | 20,900 | 20,900 | --- |
| 30 | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES | 6,395 | 6,395 | --- |
| 31 | ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY | 45,463 | 45,463 | --- |
| 32 | C3I ADVANCED TECHNOLOGY | 12,716 | 12,716 | --- |
| 33 | AIR PLATFORM ADVANCED TECHNOLOGY | 17,946 | 17,946 | --- |
| 34 | SOLDIER ADVANCED TECHNOLOGY | 479 | 479 | --- |
| 35 | MEDICAL DEVELOPMENT | --- | --- | --- |
| 36 | LETHALITY ADVANCED TECHNOLOGY | 9,796 | 9,796 | --- |
| 37 | ARMY ADVANCED TECHNOLOGY DEVELOPMENT | 134,874 | 134,874 | --- |
| 38 | SOLDIER LETHALITY ADVANCED TECHNOLOGY | 100,935 | 105,435 | +4,500 |
| 39 | GROUND ADVANCED TECHNOLOGY | 32,546 | 174,346 | +141,800 |
| 40 | COUNTER IMPROVISED-THREAT SIMULATION | 21,486 | 21,486 | --- |
| 41 | BIOTECHNOLOGY FOR MATERIALS - ADVANCED RESEARCH | 56,853 | 56,853 | --- |
| 42 | C3I CYBER ADVANCED DEVELOPMENT | 41,354 | 41,354 | --- |
| 43 | HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM | 251,964 | 251,964 | --- |
| 44 | NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY | 193,242 | 314,992 | +121,750 |
| 45 | NETWORK C3I ADVANCED TECHNOLOGY | 125,565 | 129,565 | +4,000 |
| 46 | LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY | 100,830 | 160,830 | +60,000 |
| 47 | FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY | 177,836 | 233,586 | +55,750 |
| 48 | AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY | 11,147 | 31,147 | +20,000 |
| 49 | HUMANITARIAN DEMINING | 8,933 | 21,000 | +12,067 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 1,392,065 | 1,828,313 | +436,248 |
| | ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES | | | |
| 50 | ARMY MISSILE DEFENSE SYSTEMS INTEGRATION | 12,001 | 63,001 | +51,000 |
| 51 | ARMY SPACE SYSTEMS INTEGRATION | 17,945 | 17,945 | --- |
| 52 | AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING | --- | 15,000 | +15,000 |
| 53 | LANDMINE WARFARE AND BARRIER - ADV DEV | 64,001 | 64,001 | --- |
| 54 | TANK AND MEDIUM CALIBER AMMUNITION | 64,669 | 74,669 | +10,000 |
| 55 | ARMORED SYSTEM MODERNIZATION - ADV DEV | 49,944 | 49,944 | --- |
| 56 | SOLDIER SUPPORT AND SURVIVABILITY | 4,060 | 4,060 | --- |
| 57 | TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV | 72,314 | 72,314 | --- |
| 58 | NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT | 18,048 | 18,048 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 59 | ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL | 31,249 | 38,749 | +7,500 |
| 60 | NATO RESEARCH AND DEVELOPMENT | 3,805 | 3,805 | --- |
| 61 | AVIATION - ADV DEV | 1,162,344 | 1,131,594 | -30,750 |
| 62 | LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV | 9,638 | 9,638 | --- |
| 63 | MEDICAL SYSTEMS - ADV DEV | 598 | 598 | --- |
| 64 | SOLDIER SYSTEMS - ADVANCED DEVELOPMENT | 25,971 | 25,971 | --- |
| 65 | ROBOTICS DEVELOPMENT | 26,594 | 20,523 | -6,071 |
| 66 | EXPANDED MISSION AREA MISSILE (EMAM) | 220,820 | 220,820 | --- |
| 67 | CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING | 106,000 | 106,000 | --- |
| 69 | LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY | 35,509 | 35,509 | --- |
| 70 | MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV | 49,932 | 49,932 | --- |
| 71 | TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV | 863 | 863 | --- |
| 72 | ANALYSIS OF ALTERNATIVES | 10,659 | 10,659 | --- |
| 73 | SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4) | 1,425 | 1,425 | --- |
| 74 | FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS) | 95,719 | 134,719 | +39,000 |
| 75 | LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR | 382,147 | 380,147 | -2,000 |
| 76 | TECHNOLOGY MATURATION INITIATIVES | 269,756 | 269,756 | --- |
| 77 | MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD) | 225,147 | 225,147 | --- |
| 78 | ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING | 198,111 | 198,111 | --- |
| 79 | ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) | 43,797 | 43,797 | --- |
| 80 | SYNTHETIC TRAINING ENVIRONMENT REFINEMENT AND PROTOTYPING | 166,452 | 206,452 | +40,000 |
| 81 | COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING | 15,840 | 12,840 | -3,000 |
| 82 | STRATEGIC MID-RANGE FIRES | 404,291 | 404,291 | --- |
| 83 | HYPERSONICS | 173,168 | 216,450 | +43,282 |
| 84 | FUTURE INTERCEPTOR | 8,179 | 8,179 | --- |
| 85 | COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT | 35,110 | 35,110 | --- |
| 86 | UNIFIED NETWORK TRANSPORT | 36,966 | 36,966 | --- |
| 87 | MOBILE MEDIUM RANGE MISSILE | --- | --- | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 88 | INTEGRATED BASE DEFENSE (BUDGET ACTIVITY 4)..... | --- | --- | --- |
| 89 | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT..... | 55,677 | 55,677 | --- |
| | TOTAL, ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.. | 4,098,749 | 4,262,710 | +163,961 |
| | SYSTEM DEVELOPMENT & DEMONSTRATION | | | |
| 90 | AIRCRAFT AVIONICS..... | 3,335 | 3,335 | --- |
| 91 | ELECTRONIC WARFARE DEVELOPMENT..... | 4,243 | 4,243 | --- |
| 92 | INFANTRY SUPPORT WEAPONS..... | 66,529 | 65,829 | -700 |
| 93 | MEDIUM TACTICAL VEHICLES..... | 22,163 | 22,163 | --- |
| 94 | JAVELIN..... | 7,870 | 7,870 | --- |
| 95 | FAMILY OF HEAVY TACTICAL VEHICLES..... | 50,924 | 50,924 | --- |
| 96 | AIR TRAFFIC CONTROL..... | 2,623 | 2,623 | --- |
| 97 | TACTICAL UNMANNED GROUND VEHICLE (TUGV)..... | 115,986 | 109,849 | -6,137 |
| 98 | LIGHT TACTICAL WHEELED VEHICLES..... | --- | --- | --- |
| 99 | ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV..... | 71,287 | 63,143 | -8,144 |
| 100 | NIGHT VISION SYSTEMS - ENG/DEV..... | 62,679 | 33,245 | -29,434 |
| 101 | COMBAT FEEDING, CLOTHING, AND EQUIPMENT..... | 1,566 | 1,566 | --- |
| 102 | NON-SYSTEM TRAINING DEVICES - ENG/DEV..... | 18,600 | 18,600 | --- |
| 103 | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - ENG/DEV..... | 39,541 | 35,541 | -4,000 |
| 104 | CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT..... | 29,570 | 29,570 | --- |
| 105 | AUTOMATIC TEST EQUIPMENT DEVELOPMENT..... | 5,178 | 5,178 | --- |
| 106 | DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG/DEV.. | 8,189 | 8,189 | --- |
| 109 | BRIGADE ANALYSIS, INTEGRATION AND EVALUATION..... | 21,228 | 21,228 | --- |
| 110 | WEAPONS AND MUNITIONS - ENG/DEV..... | 263,778 | 282,425 | +18,647 |
| 111 | LOGISTICS AND ENGINEER EQUIPMENT - ENG/DEV..... | 41,669 | 56,669 | +15,000 |
| 112 | COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG/DEV.... | 40,038 | 40,038 | --- |
| 113 | MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT. | 5,513 | 5,513 | --- |
| 114 | LANDMINE WARFARE/BARRIER - ENG/DEV..... | 12,150 | 37,150 | +25,000 |
| 115 | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE... | 111,690 | 111,690 | --- |
| 116 | RADAR DEVELOPMENT..... | 71,259 | 71,259 | --- |
| 117 | GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)..... | 10,402 | 10,402 | --- |
| 119 | SOLDIER SYSTEMS - WARRIOR DEM/VAL..... | 11,425 | 11,425 | --- |
| 120 | SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS -EMD..... | 109,702 | 100,384 | -9,318 |
| 121 | ARTILLERY SYSTEMS - EMD..... | 23,106 | 48,106 | +25,000 |
| 122 | INFORMATION TECHNOLOGY DEVELOPMENT..... | 124,475 | 84,108 | -40,367 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 123 | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)..... | 67,564 | 67,564 | --- |
| 124 | ARMORED MULTI-PURPOSE VEHICLE (AMPV)..... | --- | --- | --- |
| 125 | JOINT TACTICAL NETWORK CENTER (JTNC)..... | 17,950 | 17,950 | --- |
| 126 | JOINT TACTICAL NETWORK (JTN)..... | 30,169 | 30,169 | --- |
| 128 | COMMON INFRARED COUNTERMEASURES (CIRCM)..... | 11,523 | 11,523 | --- |
| 129 | NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE.... | --- | --- | --- |
| 130 | DEFENSIVE CYBER TOOL DEVELOPMENT..... | 33,029 | 33,029 | --- |
| 131 | TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)..... | 4,497 | 4,497 | --- |
| 132 | CONTRACT WRITING SYSTEM..... | 23,487 | 23,487 | --- |
| 133 | AIRCRAFT SURVIVABILITY DEVELOPMENT..... | 19,123 | 19,123 | --- |
| 134 | INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1... | 131,093 | 131,093 | --- |
| 135 | GROUND ROBOTICS..... | 26,809 | 26,809 | --- |
| 136 | EMERGING TECHNOLOGY INITIATIVES..... | 185,311 | 191,823 | +6,512 |
| 137 | BIOMETRICS ENABLING CAPABILITY (BEC)..... | 11,091 | 11,091 | --- |
| 138 | NEXT GENERATION LOAD DEVICE - MEDIUM..... | 22,439 | 22,439 | --- |
| 139 | MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT..... | --- | --- | --- |
| 140 | TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD..... | 58,087 | 108,987 | +50,900 |
| 141 | ARMY SYSTEM DEVELOPMENT & DEMONSTRATION..... | 119,516 | 119,516 | --- |
| 142 | SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)..... | 6,530 | 6,530 | --- |
| 143 | MULTI-DOMAIN INTELLIGENCE..... | 19,911 | 14,411 | -5,500 |
| 144 | SIO CAPABILITY DEVELOPMENT..... | --- | --- | --- |
| 145 | PRECISION STRIKE MISSILE (PRSM)..... | 259,506 | 259,506 | --- |
| 146 | HYPERSONICS EMD..... | 633,499 | 633,499 | --- |
| 147 | ACCESSIONS INFORMATION ENVIRONMENT (AIE)..... | 13,647 | 10,088 | -3,559 |
| 148 | STRATEGIC MID-RANGE CAPABILITY..... | 5,016 | 5,016 | --- |
| 149 | INTEGRATED TACTICAL COMMUNICATIONS..... | 12,447 | 12,447 | --- |
| 150 | JOINT AIR-TO-GROUND MISSILE (JAGM)..... | 2,366 | 2,366 | --- |
| 151 | ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)..... | 265,288 | 275,288 | +10,000 |
| 152 | COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION..... | 14,892 | 14,892 | --- |
| 153 | MANNED GROUND VEHICLE..... | 589,762 | 561,880 | -27,882 |
| 154 | NATIONAL CAPABILITIES INTEGRATION (MIP)..... | 17,030 | 17,030 | --- |
| 155 | JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING DEVELOPMENT..... | 9,376 | 9,376 | --- |
| 156 | AVIATION GROUND SUPPORT EQUIPMENT..... | 2,959 | 2,959 | --- |
| 157 | TROJAN - RH12..... | 3,761 | 3,761 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 160 | ELECTRONIC WARFARE DEVELOPMENT | 56,938 | 94,938 | +38,000 |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 4,031,334 | 4,085,352 | +54,018 |
| | MANAGEMENT SUPPORT | | | |
| 161 | THREAT SIMULATOR DEVELOPMENT | 18,437 | 18,437 | --- |
| 162 | TARGET SYSTEMS DEVELOPMENT | 19,132 | 39,132 | +20,000 |
| 163 | MAJOR T&E INVESTMENT | 107,706 | 142,106 | +34,400 |
| 164 | RAND ARROYO CENTER | 35,542 | 35,542 | --- |
| 165 | ARMY KWAJALEIN ATOLL | 309,005 | 309,005 | --- |
| 166 | CONCEPTS EXPERIMENTATION PROGRAM | 87,122 | 87,122 | --- |
| 168 | ARMY TEST RANGES AND FACILITIES | 401,643 | 401,643 | --- |
| 169 | ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS | 37,962 | 57,962 | +20,000 |
| 170 | SURVIVABILITY/LETHALITY ANALYSIS | 36,500 | 36,500 | --- |
| 171 | AIRCRAFT CERTIFICATION | 2,777 | 2,777 | --- |
| 172 | METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES | 6,958 | 6,958 | --- |
| 173 | MATERIEL SYSTEMS ANALYSIS | 22,037 | 22,037 | --- |
| 174 | EXPLOITATION OF FOREIGN ITEMS | 6,186 | 6,186 | --- |
| 175 | SUPPORT OF OPERATIONAL TESTING | 70,718 | 70,718 | --- |
| 176 | ARMY EVALUATION CENTER | 67,058 | 67,058 | --- |
| 177 | ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND INTEG | 6,097 | 6,097 | --- |
| 178 | PROGRAMWIDE ACTIVITIES | 89,793 | 89,793 | --- |
| 179 | TECHNICAL INFORMATION ACTIVITIES | 28,752 | 28,752 | --- |
| 180 | MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY | 48,316 | 53,316 | +5,000 |
| 181 | ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT | 1,912 | 1,912 | --- |
| 182 | ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA | 53,271 | 53,271 | --- |
| 183 | RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE | 90,088 | 90,088 | --- |
| 184 | COUNTERINTEL AND HUMAN INTEL MODERNIZATION | 1,424 | 1,424 | --- |
| 185 | MEDICAL PROGRAM-WIDE ACTIVITIES | --- | --- | --- |
| 186 | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES | 5,816 | 5,816 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 1,554,252 | 1,633,652 | +79,400 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 188 | MLRS PRODUCT IMPROVEMENT PROGRAM | 18,463 | 18,463 | --- |
| 189 | ANTI-TAMPER TECHNOLOGY SUPPORT | 9,284 | 9,284 | --- |
| 190 | WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS | 11,674 | 21,674 | +10,000 |
| 192 | BLACKHAWK PRODUCT IMPROVEMENT PROGRAM | --- | --- | --- |
| 193 | CHINOOK PRODUCT IMPROVEMENT PROGRAM | 52,513 | 52,513 | --- |
| 194 | IMPROVED TURBINE ENGINE PROGRAM | 228,036 | 228,036 | --- |
| 195 | AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT | 11,312 | 26,312 | +15,000 |
| 196 | UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS | 512 | 512 | --- |
| 197 | APACHE FUTURE DEVELOPMENT | 10,074 | 15,074 | +5,000 |
| 198 | AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM | 62,559 | 62,559 | --- |
| 199 | INTEL CYBER DEVELOPMENT | 13,343 | 13,343 | --- |
| 200 | ARMY OPERATIONAL SYSTEMS DEVELOPMENT | 26,131 | 26,131 | --- |
| 201 | ELECTRONIC WARFARE DEVELOPMENT | 6,432 | 6,432 | --- |
| 202 | FAMILY OF BIOMETRICS | 1,114 | 1,114 | --- |
| 203 | PATRIOT PRODUCT IMPROVEMENT | 152,312 | 152,312 | --- |
| 204 | JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM | 19,329 | 19,329 | --- |
| 205 | COMBAT VEHICLE IMPROVEMENT PROGRAMS | 192,310 | 289,953 | +97,643 |
| 206 | 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS | 136,680 | 118,510 | -18,170 |
| 207 | AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS | --- | --- | --- |
| 208 | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 148 | 148 | --- |
| 209 | DIGITIZATION | 2,100 | --- | -2,100 |
| 210 | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM | 3,109 | 3,109 | --- |
| 211 | OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS | 9,027 | 9,027 | --- |
| 212 | ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM DEV | 793 | 793 | --- |
| 213 | GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) | 20,180 | 20,180 | --- |
| 214 | JOINT TACTICAL GROUND SYSTEM | 8,813 | 8,813 | --- |
| 216 | SECURITY AND INTELLIGENCE ACTIVITIES | --- | --- | --- |
| 217 | INFORMATION SYSTEMS SECURITY PROGRAM | 17,209 | 17,209 | --- |
| 218 | GLOBAL COMBAT SUPPORT SYSTEM | 27,100 | 22,600 | -4,500 |
| 219 | SATCOM GROUND ENVIRONMENT (SPACE) | 18,321 | 18,321 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 222 | INTEGRATED BROADCAST SERVICE (IBS) | 9,926 | 9,926 | --- |
| 223 | TACTICAL UNMANNED AERIAL VEHICLES | 4,500 | 4,500 | --- |
| 224 | AIRBORNE RECONNAISSANCE SYSTEMS | 17,165 | 17,165 | --- |
| 226 | BIOMETRICS ENABLED INTELLIGENCE | --- | --- | --- |
| 227 | END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES | 91,270 | 111,270 | +20,000 |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,181,739 | 1,304,612 | +122,873 |
| 999 | CLASSIFIED PROGRAMS | 6,664 | 6,664 | --- |
| 228 | DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT | 94,888 | 94,888 | --- |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY | 13,710,273 | 15,004,405 | +1,294,132 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY | | | |
| | BASIC RESEARCH | | | |
| 1 | UNIVERSITY RESEARCH INITIATIVES | 90,076 | 132,376 | +42,300 |
| 3 | DEFENSE RESEARCH SCIENCES | 499,116 | 504,116 | +5,000 |
| | TOTAL, BASIC RESEARCH | 589,192 | 636,492 | +47,300 |
| | APPLIED RESEARCH | | | |
| 4 | POWER PROJECTION APPLIED RESEARCH | 22,953 | 27,953 | +5,000 |
| 5 | FORCE PROTECTION APPLIED RESEARCH | 133,426 | 207,426 | +74,000 |
| 6 | MARINE CORPS LANDING FORCE TECHNOLOGY | 53,467 | 65,467 | +12,000 |
| 7 | COMMON PICTURE APPLIED RESEARCH | 51,911 | 51,911 | --- |
| 8 | WARFIGHTER SUSTAINMENT APPLIED RESEARCH | 70,957 | 90,957 | +20,000 |
| 9 | ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH | 92,444 | 103,444 | +11,000 |
| 10 | OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH | 74,622 | 122,622 | +48,000 |
| 11 | JOINT NON-LETHAL WEAPONS APPLIED RESEARCH | 6,700 | 6,700 | --- |
| 12 | UNDERSEA WARFARE APPLIED RESEARCH | 58,111 | 91,111 | +33,000 |
| 13 | FUTURE NAVAL CAPABILITIES APPLIED RESEARCH | 173,641 | 173,641 | --- |
| 14 | MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH | 31,649 | 38,649 | +7,000 |
| 15 | INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH | 120,637 | 120,637 | --- |
| 16 | SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS | 81,296 | 81,296 | --- |
| | TOTAL, APPLIED RESEARCH | 971,814 | 1,181,814 | +210,000 |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 17 | FORCE PROTECTION ADVANCED TECHNOLOGY | 16,933 | 35,933 | +19,000 |
| 18 | ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY | 8,253 | 17,253 | +9,000 |
| 19 | MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) | 280,285 | 327,902 | +47,617 |
| 20 | JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT | 14,048 | 14,048 | --- |
| 21 | FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV | 251,267 | 261,267 | +10,000 |
| 22 | MANUFACTURING TECHNOLOGY PROGRAM | 60,704 | 60,704 | --- |
| 23 | WARFIGHTER PROTECTION ADVANCED TECHNOLOGY | 4,999 | 46,999 | +42,000 |
| 24 | NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS | 83,137 | 83,902 | +765 |
| 25 | MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY | 2,007 | 2,007 | --- |
| 26 | INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY | 144,122 | 190,772 | +46,650 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 865,755 | 1,040,787 | +175,032 |
| | ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES | | | |
| 27 | UNMANNED AERIAL SYSTEM | 96,883 | 90,208 | -6,675 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 28 | LARGE UNMANNED SURFACE VEHICLES (LUSVS) | 146,840 | 146,840 | --- |
| 29 | AIR/OCEAN TACTICAL APPLICATIONS | 39,737 | 42,737 | +3,000 |
| 30 | AVIATION SURVIVABILITY | 17,434 | 17,434 | --- |
| 31 | NAVAL CONSTRUCTION FORCES | 1,706 | 1,706 | --- |
| 33 | ASW SYSTEMS DEVELOPMENT | 15,986 | 15,986 | --- |
| 34 | TACTICAL AIRBORNE RECONNAISSANCE | 3,562 | 3,562 | --- |
| 35 | ADVANCED COMBAT SYSTEMS TECHNOLOGY | 18,628 | 25,128 | +6,500 |
| 36 | SURFACE AND SHALLOW WATER MINE COUNTERMEASURES | 87,825 | 87,825 | --- |
| 37 | SURFACE SHIP TORPEDO DEFENSE | 473 | 473 | --- |
| 38 | CARRIER SYSTEMS DEVELOPMENT | 11,567 | 11,567 | --- |
| 39 | PILOT FISH | 672,461 | 672,461 | --- |
| 40 | RETRACT LARCH | 7,483 | 7,483 | --- |
| 41 | RETRACT JUNIPER | 239,336 | 239,336 | --- |
| 42 | RADIOLOGICAL CONTROL | 772 | 772 | --- |
| 43 | SURFACE ASW | 1,180 | 1,180 | --- |
| 44 | ADVANCED SUBMARINE SYSTEM DEVELOPMENT | 105,703 | 105,703 | --- |
| 45 | SUBMARINE TACTICAL WARFARE SYSTEMS | 10,917 | 10,917 | --- |
| 46 | SHIP CONCEPT ADVANCED DESIGN | 82,205 | 97,205 | +15,000 |
| 47 | SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES | 75,327 | 62,083 | -13,244 |
| 48 | ADVANCED NUCLEAR POWER SYSTEMS | 227,400 | 227,400 | --- |
| 49 | ADVANCED SURFACE MACHINERY SYSTEMS | 176,600 | 130,021 | -46,579 |
| 50 | CHALK EAGLE | 91,584 | 91,584 | --- |
| 51 | LITTORAL COMBAT SHIP (LCS) | 96,444 | 76,364 | -20,080 |
| 52 | COMBAT SYSTEM INTEGRATION | 18,236 | 18,236 | --- |
| 53 | OHIO REPLACEMENT | 335,981 | 344,981 | +9,000 |
| 54 | LCS MISSION MODULES | 41,533 | 41,533 | --- |
| 55 | AUTOMATED TEST AND RE-TEST | 9,773 | 60,073 | +50,300 |
| 56 | FRIGATE DEVELOPMENT | 118,626 | 115,626 | -3,000 |
| 57 | CONVENTIONAL MUNITIONS | 9,286 | 9,286 | --- |
| 58 | MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM | 111,431 | 111,431 | --- |
| 59 | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 36,496 | 36,496 | --- |
| 60 | OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT | 6,193 | 6,193 | --- |
| 61 | ENVIRONMENTAL PROTECTION | 21,647 | 21,647 | --- |
| 62 | NAVY ENERGY PROGRAM | 60,320 | 70,320 | +10,000 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 63 | FACILITIES IMPROVEMENT | 5,664 | 5,664 | --- |
| 64 | CHALK CORAL | 833,634 | 833,634 | --- |
| 65 | NAVY LOGISTIC PRODUCTIVITY | 899 | 899 | --- |
| 66 | RETRACT MAPLE | 363,973 | 363,973 | --- |
| 67 | LINK PLUMERIA | 1,038,661 | 1,038,661 | --- |
| 68 | RETRACT ELM | 83,445 | 83,445 | --- |
| 69 | LINK EVERGREEN | 313,761 | 313,761 | --- |
| 70 | NATO RESEARCH AND DEVELOPMENT | 8,041 | 8,041 | --- |
| 71 | LAND ATTACK TECHNOLOGY | 358 | 358 | --- |
| 72 | JOINT NONLETHAL WEAPONS TESTING | 30,533 | 30,533 | --- |
| 73 | JOINT PRECISION APPROACH AND LANDING SYSTEMS | 18,628 | 18,628 | --- |
| 74 | DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS | 65,080 | 65,080 | --- |
| 75 | F/A-18 INFRARED SEARCH AND TRACK (IRST) | 40,069 | 40,069 | --- |
| 76 | DIGITAL WARFARE | 165,753 | 165,753 | --- |
| 77 | SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES | 106,347 | 106,347 | --- |
| 78 | UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES | 60,697 | 60,697 | --- |
| 79 | RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION | 57,000 | 57,000 | --- |
| 81 | GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER | 116,498 | 116,498 | --- |
| 82 | LITTORAL AIRBORNE MCM | 47,389 | 47,389 | --- |
| 83 | SURFACE MINE COUNTERMEASURES | 12,959 | 12,959 | --- |
| 84 | TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES | 15,028 | 39,028 | +24,000 |
| 85 | NEXT GENERATION LOGISTICS | 2,342 | 7,342 | +5,000 |
| 86 | FUTURE VERTICAL LIFT (MARITIME STRIKE) | 5,103 | 5,103 | --- |
| 87 | RAPID TECHNOLOGY CAPABILITY PROTOTYPE | 62,927 | 62,927 | --- |
| 88 | LX (R) | 26,630 | 24,116 | -2,514 |
| 89 | ADVANCED UNDERSEA PROTOTYPING | 116,880 | 116,880 | --- |
| 90 | COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS) | 7,438 | 7,438 | --- |
| 91 | PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM | 84,734 | 84,734 | --- |
| 92 | SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE | 10,229 | 10,229 | --- |
| 93 | OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT | 124,204 | 170,685 | +46,481 |
| 94 | MEDIUM UNMANNED SURFACE VEHICLES (MUSVS) | 104,000 | 104,000 | --- |
| 95 | UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES | 181,620 | 181,620 | --- |
| 96 | GROUND BASED ANTI-SHIP MISSILE (MARFORRES) | 43,090 | 43,090 | --- |
| 97 | LONG RANGE FIRES (MARFORRES) | 36,693 | 36,693 | --- |
| 98 | CONVENTIONAL PROMPT STRIKE (CPS) | 1,205,041 | 1,230,041 | +25,000 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 99 | ASW SYSTEMS DEVELOPMENT - MIP | 9,856 | 9,856 | --- |
| 100 | ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM | 1,735 | 18,735 | +17,000 |
| 101 | ELECTRONIC WARFARE DEVELOPMENT - MIP | 796 | 796 | --- |
| | TOTAL, DEMONSTRATION & VALIDATION | 8,405,310 | 8,524,499 | +119,189 |
| | SYSTEM DEVELOPMENT & DEMONSTRATION | | | |
| 102 | TRAINING SYSTEM AIRCRAFT | 15,128 | 15,128 | --- |
| 102 | MARITIME TARGETING CELL | 39,600 | 39,600 | --- |
| 104 | OTHER HELO DEVELOPMENT | 66,010 | 66,010 | --- |
| 105 | AV-8B AIRCRAFT - ENG DEV | 9,205 | 9,205 | --- |
| 106 | STANDARDS DEVELOPMENT | 3,766 | 3,766 | --- |
| 107 | MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT | 44,684 | 44,684 | --- |
| 108 | P-3 MODERNIZATION PROGRAM | 343 | 343 | --- |
| 109 | WARFARE SUPPORT SYSTEM | 12,337 | 12,337 | --- |
| 110 | COMMAND AND CONTROL SYSTEMS | 143,575 | 133,940 | -9,635 |
| 111 | ADVANCED HAWKEYE | 502,956 | 467,281 | -35,675 |
| 112 | H-1 UPGRADES | 43,759 | 43,759 | --- |
| 113 | ACOUSTIC SEARCH SENSORS | 50,231 | 50,231 | --- |
| 114 | V-22A | 125,233 | 114,233 | -11,000 |
| 115 | AIR CREW SYSTEMS DEVELOPMENT | 43,282 | 38,117 | -5,165 |
| 116 | EA-18 | 116,589 | 116,589 | --- |
| 117 | ELECTRONIC WARFARE DEVELOPMENT | 141,138 | 134,471 | -6,667 |
| 118 | EXECUTIVE HELO DEVELOPMENT | 45,645 | 45,645 | --- |
| 119 | NEXT GENERATION JAMMER (NGJ) | 54,679 | 54,679 | --- |
| 120 | JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) | 329,787 | 326,587 | -3,200 |
| 121 | NEXT GENERATION JAMMER (NGJ) INCREMENT II | 301,737 | 154,002 | -147,735 |
| 122 | SURFACE COMBATANT COMBAT SYSTEM ENGINEERING | 347,233 | 336,705 | -10,528 |
| 124 | SMALL DIAMETER BOMB (SDB) | 42,881 | 42,881 | --- |
| 125 | STANDARD MISSILE IMPROVEMENTS | 319,943 | 319,943 | --- |
| 126 | AIRBORNE MCM | 10,882 | 10,882 | --- |
| 127 | NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG. | 45,892 | 43,548 | -2,344 |
| 129 | ADVANCED ABOVE WATER SENSORS | 81,254 | 72,917 | -8,337 |
| 130 | SSN-688 AND TRIDENT MODERNIZATION | 93,501 | 93,501 | --- |
| 131 | AIR CONTROL | 39,138 | 39,138 | --- |
| 132 | SHIPBOARD AVIATION SYSTEMS | 11,759 | 11,759 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 133 | COMBAT INFORMATION CENTER CONVERSION | 11,160 | 11,160 | --- |
| 134 | AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM | 87,459 | 87,459 | --- |
| 135 | ADVANCED ARRESTING GEAR (AAG) | 151 | 151 | --- |
| 136 | NEW DESIGN SSN | 307,585 | 307,585 | --- |
| 137 | SUBMARINE TACTICAL WARFARE SYSTEM | 58,741 | 58,741 | --- |
| 138 | SHIP CONTRACT DESIGN/LIVE FIRE T&E | 60,791 | 58,670 | -2,121 |
| 139 | NAVY TACTICAL COMPUTER RESOURCES | 4,177 | 4,177 | --- |
| 140 | MINE DEVELOPMENT | 60,793 | 60,793 | --- |
| 141 | LIGHTWEIGHT TORPEDO DEVELOPMENT | 142,000 | 140,111 | -1,889 |
| 142 | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 8,618 | 8,618 | --- |
| 143 | USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV | 45,025 | 45,025 | --- |
| 144 | PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS | 7,454 | 7,454 | --- |
| | JOINT STANDOFF WEAPON SYSTEMS | 758 | 758 | --- |
| 146 | SHIP SELF DEFENSE (DETECT & CONTROL) | 159,426 | 152,768 | -6,658 |
| 147 | SHIP SELF DEFENSE (ENGAGE: HARD KILL) | 71,818 | 91,818 | +20,000 |
| 148 | SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) | 92,687 | 92,687 | --- |
| 149 | INTELLIGENCE ENGINEERING | 23,742 | 23,742 | --- |
| 150 | MEDICAL DEVELOPMENT | 3,178 | 13,178 | +10,000 |
| 151 | NAVIGATION/ID SYSTEM | 53,209 | 60,209 | +7,000 |
| 152 | JOINT STRIKE FIGHTER (JSF) - EMD | 611 | 611 | --- |
| 153 | JOINT STRIKE FIGHTER (JSF) | 234 | 234 | --- |
| 154 | SSN(X) | 143,949 | 143,949 | --- |
| 155 | MARINE CORPS IT DEV/MOD | 11,361 | 11,361 | --- |
| 156 | INFORMATION TECHNOLOGY DEVELOPMENT | 290,353 | 313,103 | +22,750 |
| 157 | ANTI-TAMPER TECHNOLOGY SUPPORT | 7,271 | 7,271 | --- |
| 158 | TACAMO MODERNIZATION | 554,193 | 554,193 | --- |
| 159 | CH-53K | 220,240 | 220,240 | --- |
| 160 | MISSION PLANNING | 71,107 | 76,107 | +5,000 |
| 161 | COMMON AVIONICS | 77,960 | 77,960 | --- |
| 162 | SHIP TO SHORE CONNECTOR (SSC) | 2,886 | 2,886 | --- |
| 163 | T-AO 205 CLASS | 220 | 220 | --- |
| 164 | UNMANNED CARRIER AVIATION | 265,646 | 265,646 | --- |
| 165 | JOINT AIR-TO-GROUND MISSILE (JAGM) | 371 | 371 | --- |
| 166 | MULTI-MISSION MARITIME AIRCRAFT (MMA) | 37,939 | 37,939 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 167 | MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3..... | 161,697 | 161,697 | --- |
| 168 | MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT AND DEMO..... | 94,569 | 91,501 | -3,068 |
| 169 | JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT AND DEMO..... | 2,856 | 2,856 | --- |
| 170 | DDG-1000..... | 197,436 | 184,674 | -12,762 |
| 171 | COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW)..... | 12,341 | 12,341 | --- |
| 175 | ISR & INFO OPERATIONS..... | 135,366 | 135,366 | --- |
| 176 | CYBER OPERATIONS TECHNOLOGY DEVELOPMENT..... | 37,038 | 37,038 | --- |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT..... | 6,606,583 | 6,404,549 | -202,034 |
| | MANAGEMENT SUPPORT | | | |
| 177 | THREAT SIMULATOR DEVELOPMENT..... | 29,430 | 29,430 | --- |
| 178 | TARGET SYSTEMS DEVELOPMENT..... | 13,708 | 11,707 | -2,001 |
| 179 | MAJOR T&E INVESTMENT..... | 95,316 | 111,371 | +16,055 |
| 180 | STUDIES AND ANALYSIS SUPPORT - NAVY..... | 3,286 | 3,286 | --- |
| 181 | CENTER FOR NAVAL ANALYSES..... | 40,624 | 40,624 | --- |
| 183 | TECHNICAL INFORMATION SERVICES..... | 987 | 987 | --- |
| 184 | MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT..... | 105,152 | 98,458 | -6,694 |
| 185 | STRATEGIC TECHNICAL SUPPORT..... | 3,787 | 3,787 | --- |
| 186 | RDT&E SHIP AND AIRCRAFT SUPPORT..... | 173,352 | 173,352 | --- |
| 187 | TEST AND EVALUATION SUPPORT..... | 468,281 | 469,579 | +1,298 |
| 188 | OPERATIONAL TEST AND EVALUATION CAPABILITY..... | 27,808 | 27,808 | --- |
| 189 | NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT..... | 27,175 | 27,175 | --- |
| 190 | SEW SURVEILLANCE/RECONNAISSANCE SUPPORT..... | 7,186 | 7,186 | --- |
| 191 | MARINE CORPS PROGRAM WIDE SUPPORT..... | 39,744 | 39,744 | --- |
| 192 | MANAGEMENT HEADQUARTERS - R&D..... | 40,648 | 40,648 | --- |
| 193 | WARFARE INNOVATION MANAGEMENT..... | 52,060 | 52,060 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 194 | INSIDER THREAT | 2,315 | 2,315 | --- |
| 195 | MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES) | 1,811 | 1,811 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 1,132,670 | 1,141,328 | +8,658 |
| 198 | OPERATIONAL SYSTEMS DEVELOPMENT<br>SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS | 65,735 | 65,735 | --- |
| 201 | F-35 C2D2 | 525,338 | 525,338 | --- |
| 202 | F-35 C2D2 | 491,513 | 491,513 | --- |
| 203 | MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS (MARFORRES) | 48,663 | 48,663 | --- |
| 204 | COOPERATIVE ENGAGEMENT CAPABILITY (CEC) | 156,121 | 156,121 | --- |
| 205 | STRATEGIC SUB & WEAPONS SYSTEM SUPPORT | 284,502 | 294,502 | +10,000 |
| 206 | SSBN SECURITY TECHNOLOGY PROGRAM | 50,939 | 50,939 | --- |
| 207 | SUBMARINE ACOUSTIC WARFARE DEVELOPMENT | 81,237 | 81,237 | --- |
| 208 | NAVY STRATEGIC COMMUNICATIONS | 49,424 | 49,424 | --- |
| 209 | F/A-18 SQUADRONS | 238,974 | 250,860 | +11,886 |
| 210 | SURFACE SUPPORT | 12,197 | 12,197 | --- |
| 211 | TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) | 132,719 | 132,719 | --- |
| 212 | INTEGRATED SURVEILLANCE SYSTEM | 68,417 | 76,088 | +7,671 |
| 213 | SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS | 1,188 | 1,188 | --- |
| 214 | AMPHIBIOUS TACTICAL SUPPORT UNITS | 1,789 | 1,789 | --- |
| 215 | GROUND/AIR TASK ORIENTED RADAR | 61,422 | 61,422 | --- |
| 216 | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT | 70,339 | 65,792 | -4,547 |
| 217 | ELECTRONIC WARFARE (EW) READINESS SUPPORT | 47,436 | 42,954 | -4,482 |
| 218 | ANTI-RADIATION MISSILE IMPROVEMENT | 90,779 | 95,779 | +5,000 |
| 219 | SURFACE ASW COMBAT SYSTEM INTEGRATION | 28,999 | 28,999 | --- |
| 220 | MK-48 ADCAP | 155,868 | 139,054 | -16,814 |
| 221 | AVIATION IMPROVEMENTS | 130,450 | 145,450 | +15,000 |
| 222 | OPERATIONAL NUCLEAR POWER SYSTEMS | 121,439 | 121,439 | --- |
| 223 | MARINE CORPS COMMUNICATIONS SYSTEMS | 114,305 | 114,305 | --- |
| 224 | COMMON AVIATION COMMAND AND CONTROL SYSTEM | 14,865 | 14,865 | --- |
| 225 | MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS | 100,536 | 100,536 | --- |
| 226 | MARINE CORPS COMBAT SERVICES SUPPORT | 26,522 | 31,522 | +5,000 |
| 227 | USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) | 51,976 | 51,976 | --- |
| 228 | AMPHIBIOUS ASSAULT VEHICLE | 8,246 | 8,246 | --- |
| 229 | TACTICAL AIM MISSILES | 29,236 | 29,236 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 230 | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)..... | 30,898 | 30,898 | --- |
| 231 | PLANNING AND DECISION AID SYSTEM (PDAS)..... | 3,609 | 3,609 | --- |
| 236 | AFLOAT NETWORKS..... | 45,693 | 45,693 | --- |
| 237 | INFORMATION SYSTEMS SECURITY PROGRAM..... | 33,752 | 33,752 | --- |
| 238 | MILITARY INTELLIGENCE PROGRAMS (MIP) ACTIVITIES..... | 8,415 | 8,415 | --- |
| 239 | TACTICAL UNMANNED AERIAL VEHICLES..... | 10,576 | 10,576 | --- |
| 240 | UAS INTEGRATION AND INTEROPERABILITY..... | 18,373 | 18,373 | --- |
| 241 | DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS..... | 45,705 | 45,705 | --- |
| 242 | MQ-4C TRITON..... | 13,893 | 13,893 | --- |
| 243 | MQ-8 UAV..... | --- | 7,000 | +7,000 |
| 244 | RQ-11 UAV..... | 1,234 | 1,234 | --- |
| 245 | SMALL (LEVEL 0) TACTICAL UAS (STUASLO)..... | 3,761 | 3,761 | --- |
| 247 | MULTI-INTELLIGENCE SENSOR DEVELOPMENT..... | 56,261 | 56,261 | --- |
| 248 | UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)..... | 9,780 | 9,780 | --- |
| 249 | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT..... | 36,505 | 36,505 | --- |
| 250 | RQ-4 MODERNIZATION..... | 163,277 | 163,277 | --- |
| 251 | INTELLIGENCE MISSION DATA (IMD)..... | 851 | 851 | --- |
| 252 | MODELING AND SIMULATION SUPPORT..... | 9,437 | 9,437 | --- |
| 253 | DEPOT MAINTENANCE (NON-IF)..... | 26,248 | 31,248 | +5,000 |
| 254 | MARITIME TECHNOLOGY (MARITECH)..... | 2,133 | 2,133 | --- |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT..... | 3,781,575 | 3,822,289 | +40,714 |
| 9999 | CLASSIFIED PROGRAMS..... | 1,701,811 | 2,365,311 | +663,500 |
| 256 | RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM.. | 12,810 | 12,810 | --- |
| 257 | MARITIME TACTICAL COMMAND AND CONTROL (MTC2) - SOFTWARE PILOT PROGRAM..... | 11,198 | 11,198 | --- |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY..... | 24,078,718 | 25,141,077 | +1,062,359 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE | | | |
| | BASIC RESEARCH | | | |
| 1 | DEFENSE RESEARCH SCIENCES | 375,325 | 381,125 | +5,800 |
| 2 | UNIVERSITY RESEARCH INITIATIVES | 171,192 | 171,192 | --- |
| | TOTAL, BASIC RESEARCH | 546,517 | 552,317 | +5,800 |
| | APPLIED RESEARCH | | | |
| 4 | FUTURE AF CAPABILITIES APPLIED RESEARCH | 88,672 | 79,901 | -8,771 |
| 5 | MATERIALS | 134,795 | 179,445 | +44,650 |
| 6 | AEROSPACE VEHICLE TECHNOLOGIES | 159,453 | 189,453 | +30,000 |
| 7 | HUMAN EFFECTIVENESS APPLIED RESEARCH | 135,771 | 146,771 | +11,000 |
| 8 | AEROSPACE PROPULSION | 172,861 | 195,361 | +22,500 |
| 9 | AEROSPACE SENSORS | 192,733 | 216,833 | +24,100 |
| 11 | SCIENCE AND TECHNOLOGY MANAGEMENT - MAJOR HEADQUARTERS | 8,856 | 8,856 | --- |
| 12 | CONVENTIONAL MUNITIONS | 137,303 | 147,303 | +10,000 |
| 13 | DIRECTED ENERGY TECHNOLOGY | 109,302 | 100,947 | -8,355 |
| 14 | DOMINANT INFORMATION SCIENCES AND METHODS | 166,041 | 216,041 | +50,000 |
| | TOTAL, APPLIED RESEARCH | 1,305,787 | 1,480,911 | +175,124 |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 16 | FUTURE AF INTEGRATED TECHNOLOGY DEMOS | 152,559 | 135,127 | -17,432 |
| 17 | ADVANCED MATERIALS FOR WEAPON SYSTEMS | 29,116 | 39,765 | +10,649 |
| 18 | SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) | 10,695 | 10,662 | -33 |
| 19 | ADVANCED AEROSPACE SENSORS | 36,997 | 37,917 | +920 |
| 20 | AEROSPACE TECHNOLOGY DEV/DEMO | 54,727 | 74,605 | +19,878 |
| 21 | AEROSPACE PROPULSION AND POWER TECHNOLOGY | 64,254 | 67,210 | +2,956 |
| 22 | ELECTRONIC COMBAT TECHNOLOGY | 33,380 | 31,037 | -2,343 |
| 23 | SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS | 39,431 | 20,000 | -19,431 |
| 26 | HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT | 20,652 | 15,440 | -5,212 |
| 27 | CONVENTIONAL WEAPONS TECHNOLOGY | 187,374 | 154,618 | -32,756 |
| 28 | ADVANCED WEAPONS TECHNOLOGY | 98,503 | 98,289 | -214 |
| 29 | MANUFACTURING TECHNOLOGY PROGRAM | 47,759 | 166,259 | +118,500 |
| 30 | BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION | 51,824 | 61,824 | +10,000 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 827,271 | 912,753 | +85,482 |
| | ADVANCED COMPONENT DEVELOPMENT | | | |
| 31 | ARMAMENT DEMONSTRATION AND VALIDATION | 125,688 | 75,688 | -50,000 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 32 | INTELLIGENCE ADVANCED DEVELOPMENT | 6,101 | 6,101 | --- |
| 33 | COMBAT IDENTIFICATION TECHNOLOGY | 17,318 | 17,318 | --- |
| 34 | NATO RESEARCH AND DEVELOPMENT | 4,295 | 4,295 | --- |
| 35 | INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL | 46,432 | 46,432 | --- |
| 36 | NC3 ADVANCED CONCEPTS | 5,098 | 5,098 | --- |
| 37 | AIR FORCE WEATHER SERVICES RESEARCH | --- | --- | --- |
| 38 | ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS) | 231,408 | 231,408 | --- |
| 39 | ADVANCED ENGINE DEVELOPMENT | 353,658 | 353,658 | --- |
| 40 | ARCHITECTURE INITIATIVES | 66,615 | 50,000 | -16,615 |
| 41 | LONG RANGE STRIKE | 3,253,584 | 3,143,584 | -110,000 |
| 42 | DIRECTED ENERGY PROTOTYPING | 4,269 | 4,269 | --- |
| 43 | HYPERSONICS PROTOTYPING | 431,868 | 24,981 | -406,887 |
| 44 | HYPERSONICS PROTOTYPING - HYPERSONIC ATTACK CRUISE MISSILE (HACM) | 144,891 | 461,778 | +316,887 |
| 45 | PNT RESILIENCY, MODS AND IMPROVEMENTS | 12,010 | 12,010 | --- |
| 46 | ADVANCED TECHNOLOGY AND SENSORS | 13,311 | 13,311 | --- |
| 47 | SURVIVABLE AIRBORNE OPERATIONS CENTER | 203,213 | 123,213 | -80,000 |
| 48 | TECHNOLOGY TRANSFER | 16,759 | 16,759 | --- |
| 49 | HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM | 106,826 | 106,826 | --- |
| 50 | CYBER RESILIENCY OF WEAPON SYSTEMS-ACS | 44,526 | 44,526 | --- |
| 51 | JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS) | 51,758 | 27,758 | -24,000 |
| 52 | DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D | 27,586 | 27,586 | --- |
| 53 | TECH TRANSITION PROGRAM | 649,545 | 596,345 | -53,200 |
| 54 | OPERATIONAL ENERGY AND INSTALLATION RESILIENCE | --- | 25,500 | +25,500 |
| 55 | GROUND BASED STRATEGIC DETERRENT | --- | --- | --- |
| 56 | NEXT GENERATION AIR DOMINANCE | 1,657,733 | 1,657,733 | --- |
| 57 | AUTONOMOUS COLLABORATIVE PLATFORMS | 51,747 | 51,747 | --- |
| 58 | COMBAT IDENTIFICATION | 1,866 | 1,866 | --- |
| 59 | THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) | 14,490 | 14,490 | --- |
| 60 | AIRBASE AIR DEFENSE SYSTEMS (ABADS) | 52,498 | 52,498 | --- |
| 61 | WAR RESERVE MATERIEL - AMMUNITION | 10,288 | 10,288 | --- |
| 64 | COMMON DATA LINK EXECUTIVE AGENT (CDL EA) | 37,460 | 37,460 | --- |
| 65 | MISSION PARTNER ENVIRONMENTS | 17,378 | 17,378 | --- |
| 66 | CYBER OPERATIONS TECHNOLOGY SUPPORT | 234,576 | 234,576 | --- |
| 67 | ENABLED CYBER ACTIVITIES | 16,728 | 16,728 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 69 | RAPID SUSTAINMENT MODERNIZATION (RSM) | --- | 31,000 | +31,000 |
| 70 | CVV INTEGRATED PREVENTION | 9,315 | 9,315 | --- |
| 71 | CONTRACTING INFORMATION TECHNOLOGY SYSTEM | 14,050 | 14,050 | --- |
| 72 | U.S. SPACE COMMAND RESEARCH AND DEVELOPMENT SUPPORT | 10,350 | 10,350 | --- |
| | TOTAL, ADVANCED COMPONENT DEVELOPMENT | 7,945,238 | 7,577,923 | -367,315 |
| | SYSTEM DEVELOPMENT & DEMONSTRATION | | | |
| 73 | FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS | 9,879 | 9,879 | --- |
| 74 | PNT RESILIENCY, MODS AND IMPROVEMENTS | 176,824 | 176,824 | --- |
| 75 | NUCLEAR WEAPONS SUPPORT | 64,425 | 64,425 | --- |
| 76 | ELECTRONIC WARFARE DEVELOPMENT | 2,222 | 7,222 | +5,000 |
| 77 | TACTICAL DATA NETWORKS ENTERPRISE | 133,117 | 139,617 | +6,500 |
| 78 | PHYSICAL SECURITY EQUIPMENT | 8,493 | 8,493 | --- |
| 79 | ARMAMENT/ORDNANCE DEVELOPMENT | 5,279 | 5,279 | --- |
| 80 | SUBMUNITIONS | 3,273 | 3,273 | --- |
| 81 | AGILE COMBAT SUPPORT | 14,252 | 14,252 | --- |
| 83 | LIFE SUPPORT SYSTEMS | 47,442 | 47,442 | --- |
| 84 | COMBAT TRAINING RANGES | 91,284 | 91,284 | --- |
| 86 | LONG RANGE STANDOFF WEAPON | 928,850 | 848,850 | -80,000 |
| 87 | ICBM FUZE MODERNIZATION | 98,376 | 98,376 | --- |
| 88 | JOINT TACTICAL NETWORK CENTER (JTNC) | 2,222 | 2,222 | --- |
| 89 | OPEN ARCHITECTURE MANAGEMENT | 38,222 | 38,222 | --- |
| 90 | ADVANCED PILOT TRAINING | 37,121 | 33,621 | -3,500 |
| 91 | COMBAT RESCUE HELICOPTER HH-60W | 58,974 | 44,574 | -14,400 |
| 92 | GROUND BASED STRATEGIC DETERRENT EMD | 3,614,290 | 3,527,793 | -86,497 |
| 94 | F-15 EPAWSS | 67,956 | 53,456 | -14,500 |
| 95 | ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY | 27,881 | 27,881 | --- |
| 96 | STAND IN ATTACK WEAPON | 283,152 | 263,152 | -20,000 |
| 97 | FULL COMBAT MISSION TRAINING | 3,028 | 12,528 | +9,500 |
| 102 | KC-46A TANKER SQUADRONS | 197,510 | 176,229 | -21,281 |
| 102A | KC-Y | --- | 11,281 | +11,281 |
| 103 | VC-25B | 492,932 | 397,932 | -95,000 |
| 104 | AUTOMATED TEST SYSTEMS | 16,664 | 16,664 | --- |
| 105 | TRAINING DEVELOPMENTS | 15,138 | 15,138 | --- |
| 107 | NEXT GENERATION OPIR | 148 | 148 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT..... | 6,438,954 | 6,136,057 | -302,897 |
| | MANAGEMENT SUPPORT | | | |
| 108 | THREAT SIMULATOR DEVELOPMENT..... | 21,067 | 21,067 | --- |
| 109 | MAJOR T&E INVESTMENT..... | 44,714 | 171,314 | +126,600 |
| 110 | RAND PROJECT AIR FORCE..... | 37,921 | 37,921 | --- |
| 111 | SMALL BUSINESS INNOVATION RESEARCH..... | 86 | --- | -86 |
| 112 | INITIAL OPERATIONAL TEST & EVALUATION..... | 13,926 | 13,926 | --- |
| 113 | TEST AND EVALUATION SUPPORT..... | 826,854 | 841,854 | +15,000 |
| 115 | ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS..... | 255,995 | 255,995 | --- |
| 116 | ACQ WORKFORCE- GLOBAL REACH..... | 457,589 | 457,589 | --- |
| 117 | ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS..... | 459,223 | 459,223 | --- |
| 118 | ACQ WORKFORCE- GLOBAL BATTLE MGMT..... | 3,696 | 3,696 | --- |
| 119 | ACQ WORKFORCE- CAPABILITY INTEGRATION..... | 229,610 | 229,610 | --- |
| 120 | ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY..... | 92,648 | 92,648 | --- |
| 121 | ACQ WORKFORCE- NUCLEAR SYSTEMS..... | 241,226 | 241,226 | --- |
| 122 | MANAGEMENT HQ - R&D..... | 4,347 | 4,347 | --- |
| 123 | FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL.. | 77,820 | 133,420 | +55,600 |
| 124 | FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT.. | 31,561 | 31,561 | --- |
| 125 | REQUIREMENTS ANALYSIS AND MATURATION..... | 101,844 | 101,844 | --- |
| 126 | MANAGEMENT HQ - T&E..... | 6,285 | 6,285 | --- |
| 127 | SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES... | 556 | 556 | --- |
| | COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4) - | | | |
| 128 | STRATCOM..... | 15,559 | 25,559 | +10,000 |
| 129 | ENTERPRISE INFORMATION SERVICES (EIS)..... | 83,231 | 83,231 | --- |
| 130 | ACQUISITION AND MANAGEMENT SUPPORT..... | 24,306 | 31,306 | +7,000 |
| 131 | GENERAL SKILL TRAINING..... | 871 | 871 | --- |
| 132 | TRAINING DEVELOPMENTS..... | --- | --- | --- |
| 134 | INTERNATIONAL ACTIVITIES..... | 2,593 | 2,593 | --- |
| 135 | SPACE TEST PROGRAM (STP)..... | --- | --- | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT..... | 3,033,528 | 3,247,642 | +214,114 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 136 | SPECIALIZED UNDERGRADUATE FLIGHT TRAINING..... | 18,037 | 18,037 | --- |
| 137 | WIDE AREA SURVEILLANCE..... | --- | --- | --- |
| 138 | AGILE COMBAT SUPPORT..... | 8,199 | 8,199 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 139 | DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D | 156 | 156 | --- |
| 140 | F-35 C2D2 | 1,014,708 | 1,089,708 | +75,000 |
| 141 | AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) | 37,901 | 37,901 | --- |
| 142 | ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY | 50,066 | 50,066 | --- |
| 143 | FOREIGN MATERIEL ACQUISITION AND EXPLOITATION | 80,338 | 80,338 | --- |
| 144 | HC/MC-130 RECAP RDT&E | 47,994 | 47,994 | --- |
| 145 | NC3 INTEGRATION | 23,559 | 23,559 | --- |
| 147 | B-52 SQUADRONS | 770,313 | 734,807 | -35,506 |
| 148 | AIR-LAUNCHED CRUISE MISSILE (ALCM) | 571 | 571 | --- |
| 149 | B-1B SQUADRONS | 13,144 | 20,044 | +6,900 |
| 150 | B-2 SQUADRONS | 111,990 | 111,990 | --- |
| 151 | MINUTEMAN SQUADRONS | 69,650 | 69,650 | --- |
| 152 | WORLDWIDE JOINT STRATEGIC COMMUNICATIONS | 22,725 | 22,725 | --- |
| 153 | INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK | 3,180 | 32,253 | +29,073 |
| 154 | ICBM REENTRY VEHICLES | 118,616 | 115,616 | -3,000 |
| 156 | UH-1N REPLACEMENT PROGRAM | 17,922 | 15,922 | -2,000 |
| 157 | REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION | 451 | 451 | --- |
| 158 | NORTH WARNING SYSTEM (NWS) | 76,910 | 76,910 | --- |
| 159 | OVER-THE-HORIZON BACKSCATTER RADAR | 12,210 | 12,210 | --- |
| 160 | VEHICLES AND SUPPORT EQUIPMENT - GENERAL | 14,483 | 14,483 | --- |
| 161 | MQ-9 UAV | 98,499 | 149,999 | +51,500 |
| 162 | JOINT COUNTER RCIED ELECTRONIC WARFARE | 1,747 | 1,747 | --- |
| 163 | MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT | 23,195 | 23,195 | --- |
| 164 | A-10 SQUADRONS | 72,393 | 64,593 | -7,800 |
| 165 | F-16 SQUADRONS | 244,696 | 249,696 | +5,000 |
| 166 | F-15E SQUADRONS | 213,272 | 182,491 | -30,781 |
| 167 | MANNED DESTRUCTIVE SUPPRESSION | 16,695 | 16,695 | --- |
| 168 | F-22 SQUADRONS | 559,709 | 559,709 | --- |
| 169 | F-35 SQUADRONS | 70,730 | 65,730 | -5,000 |
| 170 | F-15EX | 83,830 | 83,830 | --- |
| 171 | TACTICAL AIM MISSILES | 34,536 | 34,536 | --- |
| 172 | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) | 52,704 | 52,704 | --- |
| 173 | COMBAT RESCUE - PARARESCUE | 863 | 863 | --- |
| 174 | AF TENCAP | 23,309 | 23,309 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 175 | PRECISION ATTACK SYSTEMS PROCUREMENT | 12,722 | 12,722 | --- |
| 176 | COMPASS CALL | 49,054 | 49,054 | --- |
| 177 | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 116,087 | 136,087 | +20,000 |
| 178 | JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) | 117,198 | 117,198 | --- |
| 179 | SMALL DIAMETER BOMB (SDB) | 27,713 | 27,713 | --- |
| 180 | AIR AND SPACE OPERATIONS CENTER (AOC) | --- | 79,549 | +79,549 |
| 181 | CONTROL AND REPORTING CENTER (CRC) | 6,615 | 6,615 | --- |
| 182 | AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) | 239,658 | 11,882 | -227,776 |
| 182A | AWACS REPLACEMENT | --- | 206,776 | +206,776 |
| 183 | TACTICAL AIRBORNE CONTROL SYSTEMS AFSPECWAR - TACP | 5,982 | 5,982 | --- |
| 185 | COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES | 23,504 | 29,704 | +6,200 |
| 186 | THEATER BATTLE MANAGEMENT (TBM) C41 | 5,851 | 5,851 | --- |
| 187 | ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR) | 15,990 | 15,990 | --- |
| 188 | TACTICAL AIR CONTROL PARTY--MOD | 10,315 | 10,315 | --- |
| 189 | DCAPES | 8,049 | 8,049 | --- |
| 190 | AIR FORCE CALIBRATION PROGRAMS | 2,123 | 2,123 | --- |
| 191 | AIRBASE AIR DEFENSE SYSTEMS (ABADS) | --- | --- | --- |
| 192 | NATIONAL TECHNICAL NUCLEAR FORENSICS | 2,039 | 2,039 | --- |
| 193 | SEEK EAGLE | 32,853 | 32,853 | --- |
| 194 | USAF MODELING AND SIMULATION | 19,341 | 19,341 | --- |
| 195 | WARGAMING AND SIMULATION CENTERS | 7,004 | 7,004 | --- |
| 196 | BATTLEFIELD ABN COMM NODE (BACN) | --- | --- | --- |
| 197 | DISTRIBUTED TRAINING AND EXERCISES | 4,628 | 4,628 | --- |
| 198 | MISSION PLANNING SYSTEMS | 99,214 | 99,214 | --- |
| 199 | TACTICAL DECEPTION | 17,074 | 24,574 | +7,500 |
| 200 | OPERATIONAL HG - CYBER | 2,347 | 5,347 | +3,000 |
| 201 | DISTRIBUTED CYBER WARFARE OPERATIONS | 76,592 | 76,592 | --- |
| 202 | AF DEFENSIVE CYBERSPACE OPERATIONS | 8,367 | --- | -8,367 |
| 203 | JOINT CYBER COMMAND AND CONTROL (JCC2) | 80,740 | 80,740 | --- |
| 204 | UNIFIED PLATFORM (UP) | 107,548 | 107,548 | --- |
| 208 | INTEL DATA APPLICATIONS | 1,065 | 1,065 | --- |
| 209 | GEOBASE | 2,928 | 2,928 | --- |
| 210 | NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) | --- | 16,200 | +16,200 |
| 211 | CYBER SECURITY INTELLIGENCE SUPPORT | 8,972 | 8,972 | --- |
| | AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR | | | |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 218 | BATTLESPACE AWARENESS | 3,069 | 3,069 | --- |
| 219 | E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) | 25,701 | 25,701 | --- |
| 220 | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK | 41,171 | 41,171 | --- |
| 221 | INFORMATION SYSTEMS SECURITY PROGRAM | 70,582 | 70,582 | --- |
| 222 | GLOBAL FORCE MANAGEMENT - DATA INITIATIVE | --- | --- | --- |
| 223 | ALL DOMAIN COMMON PLATFORM | --- | --- | --- |
| 224 | JOINT MILITARY DECEPTION INITIATIVE | 2,588 | 2,588 | --- |
| 226 | AIRBORNE SIGINT ENTERPRISE | 108,528 | 115,528 | +7,000 |
| 227 | COMMERCIAL ECONOMIC ANALYSIS | 4,542 | 4,542 | --- |
| 230 | C2 AIR OPERATIONS SUITE - C2 INFO SERVICES | 8,097 | 8,097 | --- |
| 231 | CCMD INTELLIGENCE INFORMATION TECHNOLOGY | 1,751 | 1,751 | --- |
| 232 | ISR MODERNIZATION & AUTOMATION DVMT (IMAD) | 13,138 | 13,138 | --- |
| 233 | GLOBAL AIR TRAFFIC MANAGEMENT (GATM) | 4,895 | 4,895 | --- |
| 234 | CYBER SECURITY INITIATIVE | 91 | 91 | --- |
| 235 | WEATHER SERVICE | 11,716 | 24,716 | +13,000 |
| 236 | AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC) | 8,511 | 8,511 | --- |
| 237 | AERIAL TARGETS | 1,365 | 1,365 | --- |
| 240 | SECURITY AND INVESTIGATIVE ACTIVITIES | 223 | 223 | --- |
| 241 | DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES | 8,328 | 8,328 | --- |
| 243 | INTEGRATED BROADCAST SERVICE | 22,123 | 22,123 | --- |
| 244 | DRAGON U-2 | 20,170 | 20,170 | --- |
| 245 | AIRBORNE RECONNAISSANCE SYSTEMS | 55,048 | 60,048 | +5,000 |
| 246 | MANNED RECONNAISSANCE SYSTEMS | 14,590 | 14,590 | --- |
| 247 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 26,901 | 26,901 | --- |
| 248 | RQ-4 UAV | 68,801 | 68,801 | --- |
| 249 | NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA) | 17,564 | 17,564 | --- |
| 250 | NATO AGS | 826 | 826 | --- |
| 251 | SUPPORT TO DCGS ENTERPRISE | 28,774 | 28,774 | --- |
| 252 | INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES | 15,036 | 15,036 | --- |
| 253 | RAPID CYBER ACQUISITION | 3,739 | 3,739 | --- |
| 254 | PERSONNEL RECOVERY COMMAND & CTRL (PRC2) | 2,702 | 2,702 | --- |
| 255 | INTELLIGENCE MISSION DATA (IMD) | 6,332 | 6,332 | --- |
| 256 | C-130 AIRLIFT SQUADRON | 407 | 407 | --- |
| 257 | C-5 AIRLIFT SQUADRONS | 6,100 | 3,100 | -3,000 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 258 | C-17 AIRCRAFT | 25,387 | 20,387 | -5,000 |
| 259 | C-130J PROGRAM | 11,060 | 10,060 | -1,000 |
| 260 | LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) | 2,909 | 2,909 | --- |
| 261 | KC-135S | 12,955 | 12,955 | --- |
| 262 | CV-22 | 10,121 | 10,121 | --- |
| 263 | SPECIAL TACTICS / COMBAT CONTROL | 6,297 | 6,297 | --- |
| 264 | MAINTENANCE, REPAIR & OVERHAUL SYSTEM | 19,892 | 19,892 | --- |
| 265 | LOGISTICS INFORMATION TECHNOLOGY (LOGIT) | 5,271 | 7,271 | +2,000 |
| 267 | OTHER FLIGHT TRAINING | 2,214 | 2,214 | --- |
| 268 | OTHER PERSONNEL ACTIVITIES | --- | --- | --- |
| 269 | JOINT PERSONNEL RECOVERY AGENCY | 2,164 | 2,164 | --- |
| 270 | CIVILIAN COMPENSATION PROGRAM | 4,098 | 4,098 | --- |
| 271 | PERSONNEL ADMINISTRATION | 3,191 | 3,191 | --- |
| 272 | AIR FORCE STUDIES AND ANALYSIS AGENCY | 899 | 899 | --- |
| 273 | FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT | 5,421 | 5,421 | --- |
| 274 | DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS) | --- | --- | --- |
| 276 | SERVICE SUPPORT TO SPACECOM ACTIVITIES | 13,766 | 13,766 | --- |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 5,849,928 | 6,054,396 | +204,468 |
| 9999 | CLASSIFIED PROGRAMS | 17,240,641 | 16,612,340 | -628,301 |
| 278 | STRATEGIC MISSION PLANNING AND EXECUTION SYSTEM - SOFTWARE PILOT PROGRAM | 100,167 | --- | -100,167 |
| 279 | AIR & SPACE OPERATIONS CENTER (AOC) - SOFTWARE PILOT PROGRAM | 177,827 | --- | -177,827 |
| 280 | DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS) - SOFTWARE PILOT PRO | 136,202 | 129,392 | -6,810 |
| 281 | DISTRIBUTED CYBER WARFARE OPERATIONS | 37,346 | --- | -37,346 |
| 282 | AIR FORCE DEFENSIVE CYBER SYSTEMS (AFDCS) - SOFTWARE PILOT PROGRAM | 240,926 | 228,880 | -12,046 |
| 283 | ALL DOMAIN COMMON PLATFORM (ADCP) - SOFTWARE PILOT PROGRAM | 190,112 | 180,607 | -9,505 |
| 284 | AIR FORCE WEATHER PROGRAMS - SOFTWARE PILOT PROGRAM | 58,063 | 55,160 | -2,903 |
| 285 | ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR) - SOFTWARE PILOT PROGRAM | 5,794 | 5,505 | -289 |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE | 44,134,301 | 43,173,883 | -960,418 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE | | | |
| | APPLIED RESEARCH | | | |
| 2 | SPACE TECHNOLOGY | 243,737 | 286,492 | +42,755 |
| | TOTAL, APPLIED RESEARCH | 243,737 | 286,492 | +42,755 |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 3 | SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT. | 460,820 | 434,820 | -26,000 |
| 4 | SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO | 103,395 | 146,168 | +42,773 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 564,215 | 580,988 | +16,773 |
| | COMPONENT DEVELOPMENT & PROTOTYPES | | | |
| 5 | SPACE FORCE WEATHER SERVICES RESEARCH | 816 | 816 | --- |
| 6 | NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE) | 382,594 | 382,594 | --- |
| 7 | SPACE WARFIGHTING ANALYSIS | 44,791 | 44,791 | --- |
| 8 | EO/IR WEATHER SYSTEMS | 96,519 | 96,519 | --- |
| 9 | SPACE SYSTEM SUPPORT | --- | --- | --- |
| 10 | SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING | 986,822 | 962,722 | -24,100 |
| 11 | WEATHER SYSTEM FOLLOW-ON | --- | --- | --- |
| 12 | SPACE SITUATION AWARENESS SYSTEM | 230,621 | 221,421 | -9,200 |
| 13 | SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT) | 106,252 | 96,022 | -10,230 |
| 14 | SPACE CONTROL TECHNOLOGY | 57,953 | 50,453 | -7,500 |
| 15 | TECH TRANSITION PROGRAM (SPACE) | --- | --- | --- |
| 16 | SPACE SECURITY AND DEFENSE PROGRAMS (SSDP) | 59,169 | 56,600 | -2,569 |
| 17 | PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) | 121,069 | 111,169 | -9,900 |
| 18 | PROTECTED TACTICAL SERVICE (PTS) | 294,828 | 279,628 | -15,200 |
| 19 | EVOLVED STRATEGIC SATCOM (ESS) | 565,597 | 542,097 | -23,500 |
| 20 | SPACE RAPID CAPABILITIES OFFICE | 45,427 | 54,427 | +9,000 |
| | TOTAL, COMPONENT DEVELOPMENT & PROTOTYPES | 2,992,458 | 2,899,259 | -93,199 |
| | SYSTEM DEVELOPMENT & DEMONSTRATION | | | |
| 21 | GPS III FOLLOW-ON (GPS IIIF) | 325,927 | 318,727 | -7,200 |
| 22 | SPACE SITUATION AWARENESS OPERATIONS | 49,628 | 54,628 | +5,000 |
| 23 | COUNTERSPACE SYSTEMS | 21,848 | 21,848 | --- |
| 24 | WEATHER SYSTEM FOLLOW-ON | 48,870 | 48,870 | --- |
| 25 | SPACE SITUATION AWARENESS SYSTEMS | 105,140 | 95,740 | -9,400 |
| 26 | ADVANCED EHF MILSATCOM (SPACE) | 11,701 | 11,701 | --- |
| 27 | POLAR MILSATCOM (SPACE) | 67,465 | 67,465 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 28 | WIDEBAND GLOBAL SATCOM (SPACE) | 48,438 | 48,438 | --- |
| 29 | NEXT GENERATION OPIR - GROUND | --- | --- | --- |
| 30 | NEXT GENERATION OPIR | 3,479,459 | 839,130 | -2,640,329 |
| 31 | NEXT GENERATION OPIR - GEO | --- | 1,713,933 | +1,713,933 |
| 32 | NEXT GENERATION OPIR - POLAR | --- | 899,196 | +899,196 |
| 33 | COMMERCIAL SATCOM (COMSATCOM) INTEGRATION | 23,513 | 23,513 | --- |
| 34 | RESILIENT MISSILE WARNING MISSILE TRACKING - LOW EARTH ORBIT (LEO) | 499,840 | 525,637 | +25,797 |
| 35 | RESILIENT MISSILE WARNING MISSILE TRACKING - MEDIUM EARTH ORBIT (MEO) | 139,131 | 262,730 | +123,599 |
| 36 | RESILIENT MISSILE WARNING MISSILE TRACKING - INTEGRATED GROUND SEGMENT | 390,596 | --- | -390,596 |
| 37 | NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD | 124,103 | 154,103 | +30,000 |
| | TOTAL, SYSTEM DEVELOPMENT & DEMONSTRATION | 5,335,659 | 5,085,659 | -250,000 |
| | MANAGEMENT SUPPORT | | | |
| 39 | SPACE TEST AND TRAINING RANGE DEVELOPMENT | 21,453 | 21,453 | --- |
| 40 | ACQ WORKFORCE - SPACE & MISSILE SYSTEMS | 253,716 | 253,716 | --- |
| 41 | SPACE & MISSILE SYSTEMS CENTER - MHA | 13,962 | 13,962 | --- |
| 42 | SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO | 2,773 | --- | -2,773 |
| 43 | MAJOR T&E INVESTMENT - SPACE | 89,751 | 89,751 | --- |
| 44 | ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) | 17,922 | 17,922 | --- |
| 45 | TACTICALLY RESPONSIVE LAUNCH | --- | 25,000 | +25,000 |
| 46 | SPACE TEST PROGRAM (STP) | 25,366 | 25,366 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 424,943 | 447,170 | +22,227 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 48 | GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) | 5,321 | 5,321 | --- |
| 49 | FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) | 128,243 | 128,243 | --- |
| 50 | DCO-SPACE | 28,162 | 28,162 | --- |
| 51 | NARROWBAND SATELLITE COMMUNICATIONS | 165,892 | 144,392 | -21,500 |
| 52 | SATELLITE CONTROL NETWORK (SPACE) | 42,199 | 42,199 | --- |
| 53 | NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS) | 2,062 | 2,062 | --- |
| 54 | SPACE AND MISSILE TEST EVALUATION CENTER | 4,157 | 4,157 | --- |
| 55 | SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT | 38,103 | 38,103 | --- |
| 56 | SPACELIFT RANGE SYSTEM (SPACE) | 11,658 | 21,658 | +10,000 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 57 | GPS III SPACE SEGMENT | 1,626 | 1,626 | --- |
| 58 | SPACE SUPERIORITY ISR | 29,128 | 29,128 | --- |
| 59 | NATIONAL SPACE DEFENSE CENTER (NSDC) | 2,856 | 2,856 | --- |
| 60 | BALLISTIC MISSILE DEFENSE RADARS | 18,615 | 18,615 | --- |
| 61 | NCMC TW/AA SYSTEM | 7,274 | 7,274 | --- |
| 62 | NUDET DETECTION SYSTEM (SPACE) | 80,429 | 80,429 | --- |
| 63 | SPACE SITUATION AWARENESS OPERATIONS | 80,903 | 80,903 | --- |
| 64 | GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT | 359,720 | 359,720 | --- |
| 68 | ENTERPRISE GROUND SERVICES | 123,601 | 123,601 | --- |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,129,949 | 1,118,449 | -11,500 |
| 999 | CLASSIFIED PROGRAMS | 4,973,358 | 4,883,398 | -89,960 |
| 69 | JSPOC MISSION SYSTEM | --- | --- | --- |
| 70 | SPACE COMMAND & CONTROL - SOFTWARE PILOT PROGRAM | 155,053 | 160,053 | +5,000 |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE | 15,819,372 | 15,461,468 | -357,904 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE | | | |
| | BASIC RESEARCH | | | |
| 1 | DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH.. | 11,584 | 15,584 | +4,000 |
| 2 | DEFENSE RESEARCH SCIENCES..... | 401,870 | 404,870 | +3,000 |
| 3 | HIGH ENERGY LASER RESEARCH INITIATIVES..... | 16,257 | 21,257 | +5,000 |
| 4 | BASIC RESEARCH INITIATIVES..... | 62,386 | 68,686 | +6,300 |
| 5 | BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE..... | 80,874 | 80,874 | --- |
| 6 | NATIONAL DEFENSE EDUCATION PROGRAM..... | 132,347 | 137,347 | +5,000 |
| 7 | HISTORICALLY BLACK COLLEGES & UNIV (HBCU)..... | 33,288 | 100,500 | +67,212 |
| 8 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM..... | 34,734 | 34,734 | --- |
| | TOTAL, BASIC RESEARCH..... | 773,340 | 863,852 | +90,512 |
| | APPLIED RESEARCH | | | |
| 9 | JOINT MUNITIONS TECHNOLOGY..... | 18,961 | 22,961 | +4,000 |
| 10 | BIOMEDICAL TECHNOLOGY..... | 106,958 | 106,958 | --- |
| 12 | PROMOTION AND PROTECTION STRATEGIES..... | 3,275 | 3,275 | --- |
| 14 | DEFENSE TECHNOLOGY INNOVATION..... | 20,634 | 19,067 | -1,567 |
| 15 | LINCOLN LABORATORY RESEARCH PROGRAM..... | 46,159 | 46,159 | --- |
| 16 | APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES..... | 67,666 | 67,666 | --- |
| 17 | INFORMATION AND COMMUNICATIONS TECHNOLOGY..... | 388,270 | 388,270 | --- |
| 18 | BIOLOGICAL WARFARE DEFENSE..... | 23,059 | 23,059 | --- |
| 19 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM..... | 256,197 | 244,637 | -11,560 |
| 20 | CYBER SECURITY RESEARCH..... | 17,264 | 27,264 | +10,000 |
| 21 | SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY..... | 4,000 | 4,000 | --- |
| 22 | TACTICAL TECHNOLOGY..... | 221,883 | 208,383 | -13,500 |
| 23 | MATERIALS AND BIOLOGICAL TECHNOLOGY..... | 352,976 | 340,476 | -12,500 |
| 24 | ELECTRONICS TECHNOLOGY..... | 557,745 | 557,745 | --- |
| 25 | COUNTER WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES..... | 192,162 | 192,162 | --- |
| 26 | SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH. | 11,030 | 11,030 | --- |
| 27 | HIGH ENERGY LASER RESEARCH..... | 48,587 | 48,587 | --- |
| 28 | SOF TECHNOLOGY DEVELOPMENT..... | 49,174 | 53,674 | +4,500 |
| | TOTAL, APPLIED RESEARCH..... | 2,386,000 | 2,365,373 | -20,627 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 29 | JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD | 34,065 | 34,065 | --- |
| 30 | SO/LIC ADVANCED DEVELOPMENT | 4,919 | 4,919 | --- |
| 31 | COMBATING TERRORISM TECHNOLOGY SUPPORT | 72,614 | 145,114 | +72,500 |
| 32 | FOREIGN COMPARATIVE TESTING | 26,802 | 26,802 | --- |
| 35 | ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT | 6,505 | 6,505 | --- |
| | COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED | | | |
| 34 | TECHNOLOGY DEVELOPMENT | 395,721 | 395,721 | --- |
| 36 | ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT | 16,737 | 16,737 | --- |
| 37 | ADVANCED RESEARCH | 22,023 | 45,323 | +23,300 |
| 38 | JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT &TRANSITION | 52,156 | 57,156 | +5,000 |
| 39 | JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT | 18,898 | 18,898 | --- |
| 40 | ADVANCED AEROSPACE SYSTEMS | 253,135 | 241,015 | -12,120 |
| 41 | SPACE PROGRAMS AND TECHNOLOGY | 81,888 | 74,388 | -7,500 |
| 42 | ANALYTIC ASSESSMENTS | 24,052 | 24,052 | --- |
| 43 | ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS | 53,890 | 53,890 | --- |
| 46 | DEFENSE MODERNIZATION AND PROTOTYPING | 141,561 | 132,805 | -8,756 |
| 47 | DEFENSE INNOVATION UNIT | 42,925 | 47,925 | +5,000 |
| 48 | TECHNOLOGY INNOVATION | 109,535 | 72,535 | -37,000 |
| 49 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV | 238,407 | 228,262 | -10,145 |
| 50 | RETRACT LARCH | 79,493 | 79,493 | --- |
| 51 | JOINT ELECTRONIC ADVANCED TECHNOLOGY | 19,218 | 19,218 | --- |
| 52 | JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS | 114,100 | 114,100 | --- |
| 53 | NETWORKED COMMUNICATIONS CAPABILITIES | 3,168 | 3,168 | --- |
| 54 | DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG | 256,142 | 322,342 | +66,200 |
| 55 | MANUFACTURING TECHNOLOGY PROGRAM | 46,166 | 59,166 | +13,000 |
| 56 | GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS | 13,663 | 13,663 | --- |
| 57 | STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM | 58,411 | 88,411 | +30,000 |
| 58 | MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT | 139,833 | 139,833 | --- |
| 59 | JOINT WARFIGHTING PROGRAM | 2,411 | 2,411 | --- |
| 60 | ADVANCED ELECTRONICS TECHNOLOGIES | 250,917 | 250,917 | --- |
| 61 | COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS | 305,050 | 298,050 | -7,000 |
| 62 | NETWORK-CENTRIC WARFARE TECHNOLOGY | 678,562 | 669,062 | -9,500 |
| 63 | SENSOR TECHNOLOGY | 314,502 | 308,442 | -6,060 |
| 64 | DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT | 201 | 201 | --- |
| 65 | SOFTWARE ENGINEERING INSTITUTE | 13,417 | 13,417 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 66 | HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM..... | 111,149 | 111,149 | --- |
| 67 | TEST & EVALUATION SCIENCE & TECHNOLOGY..... | 315,090 | 329,490 | +14,400 |
| 68 | NATIONAL SECURITY INNOVATION NETWORK..... | 22,028 | 34,268 | +12,240 |
| 69 | OPERATIONAL ENERGY CAPABILITY IMPROVEMENT..... | 180,170 | 186,290 | +6,120 |
| 72 | SOF ADVANCED TECHNOLOGY DEVELOPMENT..... | 118,877 | 127,477 | +8,600 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT..... | 4,638,401 | 4,796,680 | +158,279 |
| | ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES | | | |
| 74 | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT.. | 41,507 | 41,507 | --- |
| 75 | WALKOFF..... | 133,795 | 133,795 | --- |
| 76 | ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM | 84,638 | 104,638 | +20,000 |
| 77 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.... | 190,216 | 190,216 | --- |
| 78 | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT... | 667,524 | 667,524 | --- |
| 79 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM..... | 291,364 | 252,010 | -39,354 |
| 80 | BALLISTIC MISSILE DEFENSE SENSORS..... | 231,134 | 231,134 | --- |
| 81 | BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS..... | 591,847 | 591,847 | --- |
| 82 | SPECIAL PROGRAMS - MDA..... | 316,977 | 316,977 | --- |
| 83 | AEGIS BMD..... | 600,072 | 606,072 | +6,000 |
| | BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE | | | |
| 84 | MANAGEMENT..... | 589,374 | 589,374 | --- |
| 85 | BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.... | 50,269 | 50,269 | --- |
| | MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER | | | |
| 86 | (MDIOC)..... | 49,367 | 49,367 | --- |
| 87 | REGARDING TRENCH..... | 12,146 | 12,146 | --- |
| 88 | SEA BASED X-BAND RADAR (SBX)..... | 164,668 | 159,962 | -4,706 |
| 89 | ISRAELI COOPERATIVE PROGRAMS..... | 300,000 | 300,000 | --- |
| 90 | BALLISTIC MISSILE DEFENSE TEST..... | 367,824 | 367,824 | --- |
| 91 | BALLISTIC MISSILE DEFENSE TARGETS..... | 559,513 | 559,513 | --- |
| 92 | COALITION WARFARE..... | 11,154 | 11,154 | --- |
| | NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY | | | |
| 93 | (5G)..... | 249,591 | 249,591 | --- |
| 94 | DEPARTMENT OF DEFENSE CORROSION PROGRAM..... | 3,166 | 3,166 | --- |
| 95 | GUAM DEFENSE DEVELOPMENT..... | 397,936 | 374,262 | -23,674 |
| | CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER | | | |
| 97 | (CDAO) - MIP..... | 33,950 | 33,950 | --- |
| 99 | HYPERSONIC DEFENSE..... | 225,477 | 225,477 | --- |
| 100 | ADVANCED INNOVATIVE TECHNOLOGIES..... | 1,145,358 | 1,095,108 | -50,250 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 101 | TRUSTED AND ASSURED MICROELECTRONICS | 647,226 | 700,226 | +53,000 |
| 102 | RAPID PROTOTYPING PROGRAM | 179,189 | 161,199 | -17,990 |
| 103 | DEFENSE INNOVATION UNIT (DIU) PROTOTYPING | 24,402 | 24,402 | --- |
| 104 | DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT | 2,691 | 2,691 | --- |
| 105 | CATAPULT | 7,130 | 7,130 | --- |
| 106 | OPERATIONAL ENERGY CAPABILITY IMPROVEMENT - NON S&T | 45,779 | 45,779 | --- |
| 108 | WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) | 3,229 | 3,229 | --- |
| 109 | JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY | 40,699 | 35,699 | -5,000 |
| 110 | LONG RANGE DISCRIMINATION RADAR | 75,120 | 75,120 | --- |
| 111 | IMPROVED HOMELAND DEFENSE INTERCEPTORS | 1,833,357 | 1,833,357 | --- |
| 112 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST | 69,762 | 69,762 | --- |
| 113 | AEGIS BMD TEST | 182,776 | 175,619 | -7,157 |
| 114 | BALLISTIC MISSILE DEFENSE SENSOR TEST | 88,326 | 88,326 | --- |
| 115 | LAND-BASED SM-3 (LBSM3) | 27,678 | 27,678 | --- |
| 116 | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST | 84,075 | 84,075 | --- |
| 117 | SAFETY PROGRAM MANAGEMENT | 2,417 | 2,417 | --- |
| 118 | ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS | 2,664 | 2,664 | --- |
| 120 | CYBER SECURITY INITIATIVE | 1,165 | 1,165 | --- |
| 123 | BALLISTIC MISSILE DEFENSE SYSEM SPACE PROGRAMS | 129,957 | 129,957 | --- |
| | TOTAL, DEMONSTRATION & VALIDATION | 10,756,509 | 10,687,378 | -69,131 |
| | ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| 124 | CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - DEM/VAL ACTIVITIES | 273,340 | 223,340 | -50,000 |
| 125 | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT | 6,482 | 6,482 | --- |
| 127 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 312,148 | 309,073 | -3,075 |
| 128 | JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) | 9,120 | 9,120 | --- |
| 129 | COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT | 14,403 | 14,403 | --- |
| 130 | INFORMATION TECHNOLOGY DEVELOPMENT | 1,244 | 1,244 | --- |
| 131 | HOMELAND PERSONNEL SECURITY INITIATIVE | 6,191 | 6,191 | --- |
| 132 | DEFENSE EXPORTABILITY PROGRAM | 10,145 | 10,145 | --- |
| 133 | OUSD(C) IT DEVELOPMENT INITIATIVES | 5,938 | 5,938 | --- |
| 136 | DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM | 23,171 | 23,171 | --- |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 137 | MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS)..... | 14,093 | 14,093 | --- |
| 138 | DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES..... | 6,949 | 6,949 | --- |
| 139 | TRUSTED & ASSURED MICROELECTRONICS..... | 302,963 | 302,963 | --- |
| 140 | NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS..... | 3,758 | 3,758 | --- |
| 141 | DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)... | 8,121 | 8,121 | --- |
| 142 | CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.... | 16,048 | 16,048 | --- |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT..... | 1,014,114 | 961,039 | -53,075 |
| | MANAGEMENT SUPPORT | | | |
| 143 | JOINT CAPABILITY EXPERIMENTATION..... | 12,452 | 12,452 | --- |
| 144 | DEFENSE READINESS REPORTING SYSTEM (DRRS)..... | 8,902 | 8,902 | --- |
| 145 | JOINT SYSTEMS ARCHITECTURE DEVELOPMENT..... | 6,610 | 6,610 | --- |
| 146 | CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT.... | 819,358 | 928,808 | +109,450 |
| 147 | ASSESSMENTS AND EVALUATIONS..... | 4,607 | 4,607 | --- |
| 148 | MISSION SUPPORT..... | 86,869 | 86,869 | --- |
| 149 | JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)..... | 126,079 | 126,079 | --- |
| 150 | JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION. | 53,278 | 53,278 | --- |
| 151 | CLASSIFIED PROGRAM USD(P)..... | --- | 160,935 | +160,935 |
| 152 | SYSTEMS ENGINEERING..... | 39,009 | 39,009 | --- |
| 153 | STUDIES AND ANALYSIS SUPPORT..... | 5,716 | 5,716 | --- |
| 154 | NUCLEAR MATTERS - PHYSICAL SECURITY..... | 15,379 | 15,379 | --- |
| 155 | SUPPORT TO NETWORKS AND INFORMATION INTEGRATION..... | 9,449 | 9,449 | --- |
| 156 | GENERAL SUPPORT TO USD (INTELLIGENCE)..... | 6,112 | 6,112 | --- |
| 157 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM..... | 124,475 | 122,232 | -2,243 |
| 165 | SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER..... | 3,820 | 3,820 | --- |
| 166 | MAINTAINING TECHNOLOGY ADVANTAGE..... | 35,414 | 33,082 | -2,332 |
| 167 | DEFENSE TECHNOLOGY ANALYSIS..... | 56,114 | 56,114 | --- |
| 168 | DEFENSE TECHNICAL INFORMATION CENTER (DTIC)..... | 63,184 | 63,184 | --- |
| 169 | R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION | 23,757 | 23,757 | --- |
| 170 | DEVELOPMENT TEST AND EVALUATION..... | 26,652 | 26,652 | --- |
| 171 | MANAGEMENT HQ - R&D..... | 14,636 | 14,636 | --- |
| 172 | MANAGEMENT HQ - DEFENSE TECHNICAL INFORMATION CENTER (DTIC)..... | 3,518 | 3,518 | --- |
| 173 | BUDGET AND PROGRAM ASSESSMENTS..... | 15,244 | 14,176 | -1,068 |
| 174 | ANALYSIS WORKING GROUP (AWG) SUPPORT..... | 4,700 | --- | -4,700 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 175 | CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES | 13,132 | 13,132 | --- |
| 176 | ODNA TECHNOLOGY AND RESOURCE ANALYSIS | 3,323 | 3,323 | --- |
| 177 | DEFENSE SCIENCE BOARD | 2,532 | 2,500 | -32 |
| 179 | CYBER RESILIENCY AND CYBERSECURITY POLICY | 32,306 | 32,306 | --- |
| 180 | MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT | 12,354 | 8,236 | -4,118 |
| 181 | DEFENSE OPERATIONS SECURITY (DOSI) | 3,034 | 3,034 | --- |
| 182 | JOINT STAFF ANALYTICAL SUPPORT | 4,332 | 3,058 | -1,274 |
| 183 | C4I INTEROPERABILITY | 69,698 | 69,698 | --- |
| 189 | COMBINED ADVANCED APPLICATIONS | 16,171 | 16,171 | --- |
| 191 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 3,072 | 3,072 | --- |
| 192 | COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION | 37,852 | 33,861 | -3,991 |
| 193 | DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI) | 716 | 716 | --- |
| 194 | MANAGEMENT HEADQUARTERS - MDA | 25,259 | 25,259 | --- |
| 195 | JOINT SERVICE PROVIDER (JSP) | 3,141 | 3,141 | --- |
| 9999 | CLASSIFIED PROGRAMS | 37,841 | 37,841 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 1,830,097 | 2,080,724 | +250,627 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 200 | INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT..... | 588,094 | 715,294 | +127,200 |
| 201 | CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT..... | 15,427 | 15,427 | --- |
| 202 | GLOBAL THEATER SECURITY COOPERATION MANAGEMENT..... | 8,317 | 8,317 | --- |
| 203 | CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT)..... | 68,030 | 65,588 | -2,442 |
| 209 | DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION. | 19,145 | 19,145 | --- |
| 210 | LONG HAUL COMMUNICATIONS (DCS)..... | 13,195 | 13,195 | --- |
| 211 | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK.... | 5,746 | 5,746 | --- |
| 212 | KEY MANAGEMENT INFRASTRUCTURE (KMI)..... | 92,018 | 92,018 | --- |
| 213 | INFORMATION SYSTEMS SECURITY PROGRAM..... | 43,135 | 63,135 | +20,000 |
| 214 | INFORMATION SYSTEMS SECURITY PROGRAM..... | 593,831 | 617,831 | +24,000 |
| 215 | INFORMATION SYSTEMS SECURITY PROGRAM..... | 7,005 | 7,005 | --- |
| 216 | GLOBAL COMMAND AND CONTROL SYSTEM..... | 10,020 | 10,020 | --- |
| 217 | DEFENSE SPECTRUM ORGANIZATION..... | 19,708 | 19,708 | --- |
| 221 | FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY. | 5,197 | 5,197 | --- |
| 226 | DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY INITIATIVE..... | 10,000 | 10,000 | --- |
| 229 | SECURITY AND INVESTIGATIVE ACTIVITIES..... | 450 | 450 | --- |
| 230 | INDUSTRIAL SECURITY ACTIVITIES..... | 1,800 | 1,800 | --- |
| 233 | DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES..... | 4,622 | 19,622 | +15,000 |
| 234 | COMBINED ADVANCED APPLICATIONS..... | 49,380 | 49,380 | --- |
| 237 | POLICY R&D PROGRAMS..... | 6,214 | 6,214 | --- |
| 238 | NET CENTRICITY..... | 17,917 | 17,917 | --- |
| 240 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS..... | 6,095 | 6,095 | --- |
| 246 | INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS.. | 4,575 | 4,575 | --- |
| 247 | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT..... | 2,497 | 2,497 | --- |
| 248 | INSIDER THREAT..... | 9,403 | 12,403 | +3,000 |
| 249 | HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM..... | 1,864 | 1,864 | --- |
| 257 | LOGISTICS SUPPORT ACTIVITIES..... | 1,620 | 1,620 | --- |
| 258 | PACIFIC DISASTER CENTERS..... | 1,875 | 1,875 | --- |
| 259 | DEFENSE PROPERTY ACCOUNTABILITY SYSTEM..... | 3,264 | 3,264 | --- |
| 261 | MQ-9 UAV..... | 14,000 | 19,840 | +5,840 |
| 263 | AVIATION SYSTEMS..... | 179,499 | 179,499 | --- |
| 264 | INTELLIGENCE SYSTEMS DEVELOPMENT..... | 75,136 | 75,136 | --- |
| 265 | OPERATIONAL ENHANCEMENTS..... | 142,900 | 191,260 | +48,360 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 266 | WARRIOR SYSTEMS | 129,133 | 141,864 | +12,731 |
| 267 | SPECIAL PROGRAMS | 518 | 518 | --- |
| 268 | UNMANNED ISR | 3,354 | 3,354 | --- |
| 269 | SOF TACTICAL VEHICLES | 13,594 | 13,594 | --- |
| 270 | MARITIME SYSTEMS | 82,645 | 119,645 | +37,000 |
| 272 | OPERATIONAL ENHANCEMENTS INTELLIGENCE | 7,583 | 12,583 | +5,000 |
| 273 | TELEPORT PROGRAM | 1,270 | 1,270 | --- |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 2,260,076 | 2,555,765 | +295,689 |
| 999 | CLASSIFIED PROGRAMS | 7,854,604 | 7,823,931 | -30,673 |
| 274 | NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM | 132,524 | 132,524 | --- |
| 275 | ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM | 17,123 | 17,123 | --- |
| 276 | ACCELERATE THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES (APFIT) | 100,000 | --- | -100,000 |
| 277 | GLOBAL COMMAND AND CONTROL SYSTEM | 34,987 | 34,987 | --- |
| 278 | NATIONAL INDUSTRIAL SECURITY SYSTEMS (NISS) - SOFTWARE PILOT PROGRAM | 14,749 | 14,749 | --- |
| 999 | CLASSIFIED PROGRAMS | 265,028 | 265,028 | --- |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE | 32,077,552 | 32,599,153 | +521,601 |

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

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATIONAL TEST AND EVALUATION, DEFENSE | | | |
| | RDT&E MANAGEMENT SUPPORT | | | |
| 1 | OPERATIONAL TEST AND EVALUATION..... | 119,529 | 119,529 | --- |
| 2 | LIVE FIRE TEST AND EVALUATION..... | 99,947 | 99,947 | --- |
| 3 | OPERATIONAL TEST ACTIVITIES AND ANALYSES..... | 57,718 | 57,718 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT..... | 277,194 | 277,194 | --- |
| | TOTAL, OPERATIONAL TEST AND EVALUATION, DEFENSE..... | 277,194 | 277,194 | --- |

## HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS

The following items are included in accordance with various requirements of the Rules of the House of Representatives:

### STATEMENT OF GENERAL PERFORMANCE GOALS AND OBJECTIVES

Pursuant to clause 3(c)(4) of rule XIII of the Rules of the House of Representatives, the following is a statement of general performance goals and objectives for which this measure authorizes funding:

The Committee on Appropriations considers program performance, including a program's success in developing and attaining outcome-related goals and objectives, in developing funding recommendations.

### PROGRAM DUPLICATION

No provision of this bill establishes or reauthorizes a program of the Federal Government known to be duplicative of another Federal program, a program that was included in any report from the Government Accountability Office to Congress pursuant to section 21 of Public Law 111–139, or a program related to a program identified in the most recent Catalog of Federal Domestic Assistance.

### TRANSFER OF FUNDS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House of Representatives, the following is submitted describing the transfer of funds provided in the accompanying bill.

Language has been included under "Operation and Maintenance, Defense-Wide" which provides for the transfer of funds for certain classified activities.

Language has been included under "Environmental Restoration, Army" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Navy" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Air Force" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Defense-Wide" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Formerly Used Defense Sites" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Drug Interdiction and Counter-Drug Activities, Defense" which provides for the transfer of funds to appropriations available to the Department of Defense

for military personnel of the reserve components; for operation and maintenance; for procurement; and for research, development, test and evaluation for drug interdiction and counter-drug activities of the Department of Defense.

Language has been included under "General Provisions, Sec. 8005" which provides for the transfer of working capital funds to other appropriations accounts of the Department of Defense for military functions.

Language has been included under "General Provisions, Sec. 8008" which provides for the transfer of funds between working capital funds and the "Foreign Currency Fluctuations, Defense" appropriation and the operation and maintenance appropriation accounts.

Language has been included under "General Provisions, Sec. 8015" which provides for the transfer of funds from the Department of Defense Pilot Mentor-Protégé Program to any other appropriation for the purposes of implementing a Mentor-Protégé Program development assistance agreement.

Language has been included under "General Provisions, Sec. 8055" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" to appropriations available for the pay of military personnel in connection with support and services of eligible organizations and activities outside the Department of Defense.

Language has been included under "General Provisions, Sec. 8058" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" to the Department of the Army, the Department of the Navy, and the Department of the Air Force to support the Sexual Assault Special Victims' Counsel Program.

Language has been included under "General Provisions, Sec. 8066" which provides for the transfer of funds from "Operation and Maintenance, Army" to other activities of the federal government.

Language has been included under "General Provisions, Sec. 8069" which provides for the transfer of funds from "Operation and Maintenance, Army", "Operation and Maintenance, Navy", and "Operation and Maintenance, Air Force" to the central fund established for Fisher Houses and Suites.

Language has been included under "General Provisions, Sec. 8070" which provides for the transfer of funds from "Operation and Maintenance, Navy" to the John C. Stennis Center for Public Service Development Trust Fund.

Language has been included under "General Provisions, Sec. 8073" which provides for the transfer of funds from "Procurement, Defense-Wide" and "Research, Development, Test and Evaluation, Defense-Wide" for the Israeli Cooperative Programs.

Language has been included under "General Provisions, Sec. 8074" which provides for the transfer of funds from "Shipbuilding and Conversion, Navy" to fund prior year shipbuilding cost increases.

Language has been included under "General Provisions, Sec. 8090" which provides for the transfer of funds appropriated for operation and maintenance for the Defense Health Program to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Language has been included under "General Provisions, Sec. 8093" which provides for the transfer of funds for the National Intelligence Program.

Language has been included under "General Provisions, Sec. 8105" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" for elementary and secondary public schools on military installations.

Language has been included under "General Provisions, Sec. 8140" which provides for the transfer of funds appropriated for cyber activities.

Language has been included under "General Provisions, Sec. 8141" which provides for the transfer of funds to address issues at the Red Hill Bulk Fuel Storage Facility.

RESCISSIONS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House of Representatives, the following table is submitted describing the rescissions recommended in the accompanying bill:

| | |
|---|---|
| Aircraft Procurement, Army: | |
| ARL SEMA MODS | 7,300,000 |
| Other Procurement, Army: | |
| Joint Information Environment | 3,177,000 |
| Aircraft Procurement, Air Force: | |
| H–60 | 8,500,000 |
| KC–46A MDAP | 40,600,000 |
| 2022 Appropriations: | |
| Operation and Maintenance, Defense-Wide: | |
| DSCA Security Cooperation | 75,000,000 |
| DSCA Coalition Support Funds | 25,000,000 |
| DSCA Border Security | 75,000,000 |
| Counter-ISIS Train and Equip Fund: | |
| Counter-ISIS Train and Equip Fund | 100,000,000 |
| Aircraft Procurement, Army: | |
| ARL SEMA MODS | 9,437,000 |
| Other Procurement, Army: | |
| Joint Effects Targeting System | 51,896,000 |
| Contract Writing System | 12,671,000 |
| Building, Pre-Fab, Relocatable | 6,977,000 |
| Weapons Procurement, Navy: | |
| Drones and Decoys | 30,321,000 |
| Aircraft Procurement, Air Force: | |
| E–3 | 30,000,000 |
| H–60 | 2,000,000 |
| KC–46A MDAP | 32,000,000 |
| Research, Development, Test and Evaluation, Army: | |
| Information Technology Development | 26,700,000 |
| Research, Development, Test and Evaluation, Air Force: | |
| Advanced Technology and Sensors (C–ABSAA) | 9,104,000 |
| AWACS | 20,000,000 |
| Battlefield Airborne Communication Node (BACN) | 26,292,000 |
| HC/MC–130 Recap | 30,000,000 |
| HH–60W Combat Rescue Helicopter | 14,400,000 |
| Stand-in Attack Weapon | 50,000,000 |
| No-Year Appropriations: | |
| Defense Working Capital Funds: | |
| Defense Counterintelligence and Security Agency Working Capital Fund | 30,000,000 |

## DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

The following table is submitted in compliance with clause 9 of rule XXI, and lists the congressional earmarks (as defined in paragraph (e) of clause 9) contained in the bill or in this report. Neither the bill nor the report contain any limited tax benefits or limited tariff benefits as defined in paragraphs (f) or (g) of clause 9 of rule XXI.

## DEFENSE

[Community Project Funding]

| Agency | Account | Recipient | Project | House Amount | House Requestors |
|---|---|---|---|---|---|
| Army | RDTE,A | The Miami Project to Cure Paralysis at the University of Miami, Miami, Florida | U.S. Army Battlefield Exercise and Combat Related Traumatic Brain and Spinal Cord Injury Research | $1,700,000 | Wasserman Schultz |
| Army | RDTE,A | Texas A&M University—Central Texas, Killeen, TX | Operational Test Command Enhanced Support | 3,900,000 | Carter (TX) |
| Army | RDTE,A | Georgia Southern University, Statesboro, GA | Soldier Performance and Readiness | 5,680,000 | Carter (GA) |
| Army | RDTE,A | Pennington Biomedical Research Center, Baton Rouge, LA | Center for Excellence in Military Health and Performance Enhancement | 5,000,000 | Graves (LA) |
| Army | RDTE,A | University of Georgia, Athens, GA | Expanding Engineering with Nature Installation Capacity | 5,000,000 | Carter (GA) |
| Army | RDTE,A | Florida State University, Tallahassee, Florida | Heated Garment Testing Equipment for Warfighters | 180,890 | Lawson (FL) |
| Defense-Wide | RDTE,DW | Institute for Digital Enterprise Advancement, Huntsville, AL | Systems Engineering Technology Apprenticeship and Internship Program | 1,200,000 | Aderholt |
| Defense-Wide | RDTE,DW | University of Rhode Island Research Foundation, Kingston, RI | SEA (Secure Email Access) Share | 1,240,000 | Langevin |
| Defense-Wide | RDTE,DW | Florida International University, Miami, FL | Central American Open Source Research Initiative and Coalition | 1,300,000 | Salazar |
| Defense-Wide | RDTE,DW | Bioindustrial Manufacturing and Design Ecosystem, Emeryville, CA | Scalable comprehensive workforce readiness initiatives in bio-industrial manufacturing that lead to regional bioeconomic transformation and growth | 5,000,000 | Garamendi |
| Defense-Wide | RDTE,DW | Prairie View A&M University, Prairie View, TX | Integrated Research and Training in Artificial Intelligence and Machine Learning for ROTC Students | 500,000 | McCaul |
| Defense-Wide | RDTE,DW | Virginia Polytechnic Institute and State University, Blacksburg, VA | Research and Development of Next Generation Explosives and Propellants | 2,000,000 | Griffith |
| Defense-Wide | RDTE,DW | University of Maine, Orono, Maine | Partnerships for Manufacturing Training Innovation | 7,000,000 | Golden |

DEFENSE—Continued

[Community Project Funding]

| Agency | Account | Recipient | Project | House Amount | House Requestors |
|---|---|---|---|---|---|
| Navy | RDTE,N | Auburn University, Auburn, AL | High-Energy Density and High-Power Density Li-Ion Battery Magazines in Defense Applications | 8,000,000 | Rogers (AL) |
| Navy | RDTE,N | NYNJ Baykeeper, Hazlet, NJ | Enhancing Installation Resiliency at Naval Weapons Station Earle | 2,500,000 | Pallone |
| Space Force | RDTE,SF | Texas Engineering Experiment Station, Bryan, TX | Space Research Hub | 4,000,000 | Sessions |

CHANGES IN THE APPLICATION OF EXISTING LAW

Pursuant to clause 3(f)(1)(A) of rule XIII of the Rules of the House of Representatives, the following statements are submitted describing the effect of provisions in the accompanying bill which directly or indirectly change the application of existing law.

Language is included in various parts of the bill to continue ongoing activities which require annual authorization or additional legislation, which to date has not been enacted.

The bill includes a number of provisions which place limitations on the use of funds in the bill or change existing limitations and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions which provide for the transfer of funds and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions, which have been virtually unchanged for many years that are technically considered legislation.

The bill provides that appropriations shall remain available for more than one year for some programs for which the basic authorizing legislation does not presently authorize each extended availability.

In various places in the bill, the Committee has allocated funds within appropriation accounts in order to fund specific programs.

Language is included in various accounts placing a limitation on funds for emergencies and extraordinary expenses.

Language is included that provides not more than $3,000,000 for the Combatant Commander Initiative Fund.

Language is included that provides not less than $55,000,000 for the Procurement Technical Assistance Cooperative Agreement Program, of which not less than $5,000,000 shall be available for centers.

Language is included that prohibits the consolidation of certain legislative affairs or liaison offices.

Language is included that makes available $19,091,000 for certain classified activities, allows such funds to be transferred between certain accounts, and exempts such funds from the investment item unit cost ceiling.

Language is included under the heading "Counter-ISIS Train and Equip Fund" that provides for the use of funds for certain purposes, compliance with vetting standards, management of contributions, and the submission of certain reports.

Language is included that limits the use of funds for official representation purposes under the heading "United States Court of Appeals for the Armed Forces".

Language is included that limits funds credited or transferred under the heading "Department of Defense Acquisition Workforce Development Account".

Language is included that provides for specific construction, acquisition, or conversion of vessels under the heading "Shipbuilding and Conversion, Navy".

Language is included that provides for the incurring of additional obligations for certain activities under the heading "Shipbuilding and Conversion, Navy".

Language is included that prohibits the use of funds provided under the heading "Shipbuilding and Conversion, Navy" for the construction of any naval vessel, or the construction of major components for the construction or conversion of any naval vessel, in foreign facilities or shipyards.

Language is included under the heading "Shipbuilding and Conversion, Navy" that allows funds to be available for multiyear procurement of critical components to support the common missile compartment of nuclear-powered vessels.

Language is included under the heading "National Guard and Reserve Equipment Account" providing for the procurement of certain items and the submission of modernization priority assessments.

Language is included under the heading "Research, Development, Test and Evaluation, Navy" that provides funds for certain activities related to the V–22.

Language is included that specifies the use of certain funds provided under the heading "Defense Health Program".

Language is included that provides that not less than $12,000,000 of funds provided under the heading "Defense Health Program" shall be available for HIV prevention educational activities.

Language is included under the heading "Defense Health Program" that provides that not less than $1,144,000,000 shall be made available to the Defense Health Agency to carry out congressionally directed medical research programs.

Language is included that specifies the use of certain funds provided under the heading "Chemical Agents and Munitions Destruction, Defense".

Language is included that specifies the use of certain funds provided under the heading "Drug-Interdiction and Counter-Drug Activities, Defense".

Language is included that provides that no funds made available in this Act may be used for publicity or propaganda purposes not authorized by Congress.

Language is included that provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

Language is included that 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.

Language is included that limits the obligation of certain funds provided in this Act during the last two months of the fiscal year.

Language is included that provides for the general transfer authority of funds to other military functions.

Language is included that 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.

Language is included that provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

Language is included that provides for limitations on the use of transfer authority of working capital fund cash balances.

Language is included that 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.

Language is included that provides limitations and conditions on the use of funds made available in this Act to initiate multiyear procurement contracts.

Language is included that provides for the use and obligation of funds for humanitarian and civic assistance costs.

Language is included that provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations.

Language is included that prohibits funding from being used to influence congressional action on any matters pending before the Congress.

Language is included that prohibits compensation from being paid to any member of the Army who is participating as a full-time student and who receives benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment.

Language is included that provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protégé Program.

Language is included that provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Language is included that provides that no funds made available in this Act shall be used for the support of any non-appropriated funds activity of the Department of Defense that procures malt beverages and wine except under certain conditions.

Language is included that 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.

Language is included that provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Language is included that 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.

Language is included that provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Language is included that provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Language is included that provides the minimum wage for certain employees.

Language is included that provides funding for the Civil Air Patrol Corporation.

Language is included that prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDC), with certain limitations, and increases funding provided for FFRDCs.

Language is included that 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.

Language is included that 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 Committees on Appropriations of the House and Senate.

Language is included that provides for competitions between private firms and Department of Defense depot maintenance activities.

Language is included that requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

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

Language is included that provides for the revocation of blanket waivers of the Buy American Act.

Language is included that 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.

Language is included that provides funding for the National Defense Stockpile Transaction Fund.

Language is included that prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Language is included that provides for a waiver of "Buy American" provisions for certain cooperative programs.

Language is included that 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 2533a(b) of title 10, United States Code.

Language is included that provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Language is included that provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than $350,000.

Language is included that provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Language is included that prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Language is included that prohibits the use of Working Capital Funds to purchase specified investment items.

Language is included that 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.

Language is included that provides the authority for the Central Intelligence Agency to protect its domestic facilities from unmanned aircraft systems.

Language is included that places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Language is included that places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

Language is included that provides for the rescissions totaling $716,375,000.

Language is included that 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.

Language is included that prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Language is included that 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.

Language is included that prohibits the transfer of Department of Defense and Central Intelligence Agencies drug interdiction and counter-drug activities funds to other agencies.

Language is included that provides funding for Red Cross and United Services Organization grants.

Language is included that provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Language is included that prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Language is included that 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.

Language is included that provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Language is included that provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Language is included that provides funding for Sexual Assault Prevention and Response Programs.

Language is included that 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.

Language is included that prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Language is included that provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

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

Language is included that provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Language is included that 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.

Language is included that 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.

Language is included that 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.

Language is included that prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Language is included that 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.

Language is included that 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.

Language is included that 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.

Language is included that 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.

Language is included that requires notification for the rapid acquisition and deployment of supplies and associated support services.

Language is included that provides funding and transfer authority for the Israeli Cooperative Programs.

Language is included that provides for the funding of prior year shipbuilding cost increases.

Language is included that provides that funds made available in this Act for intelligence activities are deemed to be specifically au-

thorized by Congress for purposes of section 504 of the National Security Act of 1947 until the enactment of the Intelligence Authorization Act for the current fiscal year.

Language is included that prohibits funding from being used to initiate a new start program without prior written notification.

Language is included that provides that the budget of the President for the subsequent fiscal year shall include separate budget justification documents for costs of the United States Armed Forces' participation in contingency operations.

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

Language is included that makes funds available for transfer for the purposes of rapid acquisition and deployment of supplies and associated support services.

Language is included that prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Language is included that 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.

Language is included that prohibits funding from being used to transfer program authority relating to current tactical unmanned aerial vehicles from the Army and requires the Army to retain responsibility for and operational control of the MQ–1C Unmanned Aerial Vehicle.

Language is included that 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 and the purchase of real property, which shall remain available for the current and the following fiscal years.

Language is included that provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Language is included that 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.

Language is included that places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Language is included that 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)).

Language is included that 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.

Language is included that prohibits the use of funds for federal contracts in excess of $1,000,000 unless the contractor meets certain conditions.

Language is included that provides funds for transfer to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Language is included that prohibits the use of funds providing certain missile defense information to certain entities.

Language is included that provides for the purchase of heavy and light armed vehicles for the physical security of personnel or for force protection purposes up to a limit of $450,000 per vehicle.

Language is included that provides the Director of National Intelligence with general transfer authority with certain limitations.

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

Language is included that directs the Secretary of Defense to post grant awards on a public Web site in a searchable format.

Language is included that prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Language is included that places restrictions on transfer amounts available to pay salaries for non-Department of Defense personnel.

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

Language is included that 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.

Language is included that 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.

Language is included that prohibits funds for the decommissioning of certain Littoral Combat Ships.

Language is included that prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Language is included that prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Language is included that prohibits the use of funding for information technology systems that do not have pornographic content filters.

Language is included that makes funds available through the Office of Local Defense Community Cooperation for transfer to the Secretary of Education, to make grants to construct, renovate, repair, or expand elementary and secondary public schools on military installations.

Language is included that 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.

Language is included that places restrictions on the use of funding for military parades.

Language is included that provides for the use of funds to modify two F–35 Joint Strike Fighters per variant to a test configuration.

Language is included that 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.

Language is included that prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Language is included that requires the Secretary of Defense to make a certification prior to the transfer of any element to the Space Force.

Language is included that prohibits funds to establish a field operating agency of the Space Force.

Language is included that provides authority to exceed working capital fund limitations.

Language is included that provides funds for agile development, test and evaluation, procurement, production and modification, and the operation and maintenance for certain software pilot programs.

Language is included that prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Language is included that provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Language is included that requires notification of the receipt of contributions from foreign governments.

Language is included that provides for the procurement of certain vehicles in the United States Central Command area.

Language is included that requires notification for the establishment of any overseas or foreign base.

Language is included that requires the Secretary of Defense provide a report on any deployment of any United States Armed Forces personnel.

Language is included that requires the Chairman the Joint Chiefs to report on any unplanned activity or exercise.

Language is included that prohibits funding from being used in contravention of the War Powers Resolution.

Language is included that prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Language is included that prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Language is included that provides that nothing in this Act may be construed as authorizing the use of force against Iran and North Korea.

Language is included that prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Language is included that prohibits the use of funding under certain headings to procure or transfer man-portable air defense systems.

Language is included that prohibits funding from being used in violation the Child Soldiers Prevention Act of 2008.

Language is included that prohibits funds for any member of the Taliban.

Language is included that provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Language is included that provides funding for International Security Cooperation Programs.

Language is included that provides funding to reimburse key cooperating nations for logistical, military, and other support.

Language is included that provides funding to reimburse certain countries for border security.

Language is included that provides security assistance to the Government of Jordan.

Language is included that provides security assistance to the Ukraine.

Language is included that prohibits funds from being used to enter into a contract with Rosoboronexport.

Language is included that prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Language is included that prohibits funds to support military operations conducted by the Saudi-led coalition against the Houthis in the war in Yemen.

Language is included that prohibits funds to operate the detention facility at United States Naval Station, Guantanamo Bay, Cuba.

Language is included that allows for the transfer of fund for cyber activities.

Language is included that provides funding and the authority to address the issues at Red Hill Bulk Fuel Storage Facility.

Language is included that provides the Secretary of Defense the authority to expend funding to address the Red Hill Bulk Fuel Storage Facility issue.

Language is included that provides additional funding for pay for military personnel.

Language is included that prohibits funding from being used to reduce the availability of aircraft primarily in support of congressional travel.

Language is included that prohibits funds from being used to deny leave for health services.

Language is included that prohibits funds to support any activity conducted by, or associated with, the Wuhan Institute of Virology.

Language is included that prohibits funds for any work to be performed by EcoHealth Alliance, Inc. in China on research supported by the government of China.

Language is included that repeals the 2001 Authorization for Use of Military Force (P.L. 107–40) 240 days after the date of the enactment of this Act.

Language is included that repeals the Authorization for Use of Military Force Against Iraq Resolution of 2002 (Public Law 107–243).

## APPROPRIATIONS NOT AUTHORIZED BY LAW

Pursuant to clause 3(f)(1) of rule XIII of the Rules of the House of Representatives, the following table lists the appropriations in the accompanying bill which are not authorized by law:

[In thousands of dollars]

| Agency/Program | Last year of authorization | Authorization Level | Appropriations in last year of authorization | Appropriations in this bill 2023 | 2023 compared to 2021 | 2023 compared to 2022 |
|---|---|---|---|---|---|---|
| DEPARTMENT OF DEFENSE | | | | | | |
| Military Personnel, Army | 2022 | (1) | 48,118,469 | 50,144,455 | 2,534,569 | 2,025,986 |
| Military Personnel, Navy | 2022 | (1) | 35,614,261 | 36,244,037 | 2,097,172 | 629,776 |
| Military Personnel, Marine Corps | 2022 | (1) | 14,813,360 | 15,230,772 | 543,393 | 617,412 |
| Military Personnel, Air Force | 2022 | (1) | 35,302,756 | 35,060,287 | 1,198,948 | -242,469 |
| Military Personnel, Space Force | not auth | (1) | 0 | 1,084,361 | 1,084,361 | 1,084,361 |
| Reserve Personnel, Army | 2022 | (1) | 5,156,976 | 5,374,686 | 304,153 | 217,710 |
| Reserve Personnel, Navy | 2022 | (1) | 2,297,029 | 2,400,777 | 188,406 | 103,748 |
| Reserve Personnel, Marine Corps | 2022 | (1) | 802,619 | 839,942 | -5,670 | 37,323 |
| Reserve Personnel, Air Force | 2022 | (1) | 2,371,001 | 2,509,878 | 299,569 | 138,877 |
| National Guard Personnel, Army | 2022 | (1) | 9,017,728 | 9,324,213 | 464,900 | 306,485 |
| National Guard Personnel, Air Force | 2022 | (1) | 4,764,443 | 5,123,235 | 587,344 | 358,792 |
| Operation and Maintenance, Army | 2022 | 55,599,671 | 57,645,509 | 57,583,205 | 1,666,969 | -62,304 |
| Operation and Maintenance, Navy | 2022 | 61,920,688 | 64,257,611 | 65,775,711 | 6,574,821 | 1,518,100 |
| Operation and Maintenance, Marine Corps | 2022 | 9,185,091 | 9,536,870 | 9,638,125 | 1,243,274 | 101,255 |
| Operation and Maintenance, Air Force | 2022 | 54,487,585 | 55,714,652 | 58,038,438 | 6,078,009 | 2,323,786 |
| Operation and Maintenance, Space Force | 2022 | 3,611,012 | 3,436,812 | 3,967,658 | 1,398,429 | 530,846 |
| Operation and Maintenance, Defense-Wide | 2022 | 45,712,415 | 65,032,609 | 48,663,571 | 3,572,683 | -16,369,038 |
| Operation and Maintenance, Army Reserve | 2022 | 2,990,635 | 3,032,255 | 3,169,504 | 248,207 | 137,249 |
| Operation and Maintenance, Navy Reserve | 2022 | 1,146,198 | 1,173,598 | 1,216,300 | 79,658 | 42,702 |
| Operation and Maintenance, Marine Corps Reserve | 2022 | 330,950 | 294,860 | 340,733 | 48,532 | 45,873 |
| Operation and Maintenance, Air Force Reserve | 2022 | 3,314,106 | 3,417,706 | 3,535,544 | 236,993 | 117,838 |
| Operation and Maintenance, Army National Guard | 2022 | 7,607,309 | 7,714,473 | 8,094,937 | 664,308 | 380,464 |
| Operation and Maintenance, Air National Guard | 2022 | 6,565,920 | 6,786,420 | 6,908,979 | -52,516 | 122,559 |
| Counter ISIS Train and Equip Fund | 2022 | 522,000 | 500,000 | 450,000 | -260,000 | -50,000 |
| United States Court of Appeals for the Armed Forces | 2022 | 15,589 | 15,589 | 16,003 | 792 | 414 |
| Defense Acquisition Workforce Development Fund | 2022 | 54,679 | 56,679 | 53,791 | -34,390 | -2,888 |
| Environmental Restoration, Army | 2022 | 299,606 | 299,008 | 273,700 | 9,415 | -25,308 |
| Environmental Restoration, Navy | 2022 | 465,550 | 390,113 | 390,113 | -31,137 | 0 |
| Environmental Restoration, Air Force | 2022 | 476,788 | 522,010 | 438,810 | -70,440 | -83,200 |
| Environmental Restoration, Defense-Wide | 2022 | 10,979 | 10,979 | 10,979 | -8,973 | 0 |
| Environmental Restoration, Formerly Used Defense Sites | 2022 | 292,580 | 292,580 | 292,580 | 3,830 | 0 |
| Overseas Humanitarian, Disaster, and Civic Aid | 2022 | 150,051 | 6,360,051 | 150,000 | 2,500 | -6,210,051 |
| Cooperative Threat Reduction Account | 2022 | 344,849 | 344,849 | 351,598 | -8,592 | 6,749 |
| Aircraft Procurement, Army | 2022 | 3,357,631 | 3,295,431 | 3,276,970 | -775,484 | -18,461 |
| Missile Procurement, Army | 2022 | 3,645,596 | 3,811,034 | 3,750,465 | -266,675 | -60,569 |
| Procurement of WTCV, Army | 2022 | 4,695,425 | 4,319,337 | 3,604,302 | -22,810 | -715,035 |
| Procurement of Ammunition, Army | 2022 | 2,455,910 | 2,276,712 | 2,576,648 | -317,367 | 299,936 |
| Other Procurement, Army | 2022 | 8,987,865 | 9,566,964 | 8,243,869 | -1,284,066 | -1,323,095 |
| Aircraft Procurement, Navy | 2022 | 19,804,184 | 17,799,321 | 16,334,708 | -3,178,477 | -1,464,613 |
| Weapons Procurement, Navy | 2022 | 4,134,404 | 3,982,657 | 4,594,139 | 110,794 | 611,482 |
| Procurement of Ammunition, Navy and Marine Corps | 2022 | 902,358 | 845,289 | 911,982 | 42,535 | 66,693 |
| Shipbuilding and Conversion, Navy | 2022 | 27,279,307 | 26,664,526 | 27,780,407 | 4,511,527 | 1,115,881 |
| Other Procurement, Navy | 2022 | 11,169,165 | 11,073,901 | 11,285,187 | 431,366 | 211,286 |
| Procurement, Marine Corps | 2022 | 3,620,019 | 3,093,770 | 3,414,365 | 718,027 | 320,595 |
| Aircraft Procurement, Air Force | 2022 | 18,132,595 | 18,412,446 | 18,114,396 | -1,871,095 | -298,050 |
| Missile Procurement, Air Force | 2022 | 2,575,811 | 2,475,206 | 2,866,722 | 500,769 | 391,516 |
| Procurement of Ammunition, Air Force | 2022 | 714,650 | 665,977 | 890,530 | -445,931 | 224,553 |
| Other Procurement, Air Force | 2022 | 25,748,022 | 26,984,154 | 25,426,674 | 1,629,687 | -1,557,480 |
| Procurement, Space Force | 2022 | 2,787,354 | 3,023,408 | 3,717,369 | 1,406,375 | 693,961 |
| Procurement, Defense-Wide | 2022 | 5,924,303 | 6,216,038 | 5,425,747 | -753,737 | -790,291 |
| Research, Development, Test and Evaluation, Army | 2022 | 13,312,957 | 14,668,117 | 15,004,405 | 859,549 | 336,288 |
| Research, Development, Test and Evaluation, Navy | 2022 | 23,101,189 | 22,213,180 | 25,142,077 | 5,003,686 | 2,928,897 |
| Research, Development, Test and Evaluation, Air Force | 2022 | 40,499,610 | 41,760,228 | 43,173,883 | 6,811,136 | 1,413,655 |
| Research, Development, Test and Evaluation, Space Force | 2022 | 11,794,566 | 11,649,150 | 15,461,468 | 4,921,399 | 3,812,318 |
| Research, Development, Test and Evaluation, DW | 2022 | 28,784,404 | 29,137,889 | 32,608,153 | 6,594,664 | 3,470,264 |
| Operational Test and Evaluation, Defense | 2022 | 236,591 | 276,591 | 277,194 | 20,074 | 603 |
| Defense Working Capital Funds | 2022 | 1,902,000 | 2,426,965 | 1,329,895 | -164,105 | -1,097,070 |
| Defense Health Program | 2022 | 35,459,245 | 37,364,082 | 38,052,432 | 4,002,727 | 688,350 |
| Chemical Agents and Munitions Destruction, Defense | 2022 | 1,094,352 | 1,094,352 | 1,059,818 | 10,018 | -34,534 |
| Drug Interdiction and Counter-Drug Activities, Defense | 2022 | 821,908 | 925,649 | 878,027 | -36,402 | -47,622 |
| Office of the Inspector General | 2022 | 438,363 | 438,363 | 479,359 | 79,851 | 40,996 |
| CIA Retirement and Disability System Fund | 2022 | 514,000 | 514,000 | 514,000 | 0 | 0 |
| Intelligence Community Management Account | 2022 | 587,100 | 587,100 | 578,705 | -55,014 | -8,395 |
| National Guard and Reserve Equipment | 2022 | 950,000 | 950,000 | 1,000,000 | 50,000 | 50,000 |

1/ The FY 2022 National Defense Authorization Act authorizes $157,567,460 for military personnel

## COMPARISON WITH THE BUDGET RESOLUTION

Pursuant to clause 3(c)(2) of rule XIII of the Rules of the House of Representatives and section 308(a)(1)(A) of the Congressional Budget Act of 1974, the following table compares the levels of new budget authority provided in the bill with the appropriate allocation under section 302(b) of the Budget Act.

[In millions of dollars]

| | 302(b) Allocation | | This Bill | |
|---|---|---|---|---|
| | Budget Authority | Outlays | Budget Authority | Outlays |
| Comparison of amounts in the bill with Committee allocation to its subcommittee: Subcommittee on Defense | | | | |
| Discretionary | 761,681 | 732,950 | 761,681 | [1] 732,828 |
| Mandatory | 514 | 514 | 514 | [1] 514 |

[1] Includes outlays from prior-year budget authority.

## FIVE-YEAR OUTLAY PROJECTIONS

In compliance with section 308(a)(1)(B) of the Congressional Budget Act of 1974, the following table contains five-year projections associated with the budget authority provided in the accompanying bill.

[In millions of dollars]

| | Outlays |
|---|---|
| Projection of outlays associated with the recommendation: | |
| 2023 | [1] 453,903 |
| 2024 | 185,351 |
| 2025 | 56,578 |
| 2026 | 28,929 |
| 2027 and future years | 22,798 |

[1] Excludes outlays from prior-year budget authority.

## FINANCIAL ASSISTANCE TO STATE AND LOCAL GOVERNMENTS

In accordance with section 308(a)(1)(C) of the Congressional Budget and Impoundment Act of 1974 (Public Law 93–344), as amended, no new budget authority or outlays are provided by the accompanying bill for financial assistance to State and local governments.

## COMMITTEE HEARINGS

For the purposes of clause 3(c)(6) of rule XIII—

The following hearings were used to develop or consider the Departments of Defense Appropriations Act, 2023:

The Subcommittee on Defense held an oversight hearing on January 12, 2022, entitled "Impact of Continuing Resolutions on the Department of Defense and Services." The Subcommittee received testimony from:

Mr. Mike McCord, Under Secretary of Defense (Comptroller)

General David H. Berger, Commandant of the United States Marine Corps

General Charles Q. Brown Jr., Chief of Staff of the United States Air Force

Admiral Michael Gilday, Chief of Naval Operations of the United States Navy

General Joseph M. Martin, Vice Chief of Staff of the United States Army

General John W. Raymond, Chief of Space Operations of the United States Space Force

The Subcommittee on Defense held a closed oversight hearing on March 9, 2022, entitled "United States European Command." The Subcommittee received testimony from:

General Tod D. Walters, Commander, European Command and NATO Supreme Allied Commander Europe (SACEUR)

The Subcommittee on Defense held a closed oversight hearing on March 16, 2022, entitled "United States Central Command." The Subcommittee received testimony from:

General Kenneth F. McKenzie Jr., Commander, U.S. Central Command

The Subcommittee on Defense held a closed oversight hearing on March 17, 2022, entitled "United States Southern Command." The Subcommittee received testimony from:

General Laura J. Richardson, Commander, U.S. Southern Command

The Subcommittee on Defense held a closed oversight hearing on April 5, 2022, entitled "United States Strategic Command." The Subcommittee received testimony from:

Admiral Charles A. Richard, Commander, U.S. Strategic Command

The Subcommittee on Defense held a closed oversight hearing on April 6, 2022, entitled "United States Africa Command." The Subcommittee received testimony from:

General Stephen J. Townsend, Commander, United States Africa Command

The Subcommittee on Defense held a closed oversight hearing on April 7, 2022, entitled "United States Special Operations Command." The Subcommittee received testimony from:

General Richard D. Clarke, Commander, U.S. Special Operations Command

The Honorable Christopher Maier, Assistant Secretary of Defense for Special Operations and Low-Intensity Conflict

The Subcommittee on Defense held a closed oversight hearing on April 27, 2022, entitled "National Security Agency and U.S. Cyber Command FY2023 Budget and Posture." The Subcommittee received testimony from:

General Paul M. Nakasone, Director, Commander, National Security Agency, U.S. Cyber Command

The Subcommittee on Defense held an oversight hearing on May 11, 2022, entitled "Fiscal Year 2023 Department of Defense." The Subcommittee received testimony from:

The Honorable Lloyd J. Austin III, Secretary of Defense General Mark A. Milley, Chairman of the Joint Chiefs of Staff

The Subcommittee on Defense held a closed oversight hearing on May 12, 2022, entitled "National Reconnaissance Office and National Geospatial-Intelligence Agency FY2023 Budget and Posture." The Subcommittee received testimony from:

Dr. Christopher J. Scolese, Director, National Reconnaissance Office

Vice Admiral Robert D. Sharp, Director, National Geospatial-Intelligence Agency

The Subcommittee on Defense held an oversight hearing on May 13, 2022, entitled "Fiscal Year 2023 United States Air Force and Space Force Budget." The Subcommittee received testimony from:

General Charles Q. Brown, Chief of Staff of the Air Force

General John W. Raymond, Chief of Space Operations, U.S. Space Force

The Honorable Frank Kendall, Secretary of the Air Force

The Subcommittee on Defense held an oversight hearing on May 7, 2022, entitled "Fiscal Year 2022 United States Army Budget." The Subcommittee received testimony from:

General James C. McConville, Chief of Staff of the Army

The Honorable Christine Wormuth, Secretary of the Army

The Subcommittee on Defense held a closed oversight hearing on May 17, 2022, entitled "United States Indo-Pacific Command." The Subcommittee received testimony from:

Admiral John C. Aquilino, Commander, U.S. Indo-Pacific Command

General Paul J. LaCamera, Commander, U.S. Forces Korea, United Nations Command, Combined Forces Command

The Subcommittee on Defense held an oversight hearing on May 18, 2022, entitled "Fiscal Year 2023 United States Navy and Marine Corps Budget." The Subcommittee received testimony from:

General David H. Berger, Commandant of the Marine Corps

Admiral Michael Gilday, Chief of Navy Operations

The Honorable Carlos Del Torro, Secretary of the Navy

The Subcommittee on Defense held a closed oversight hearing on May 18, 2022, entitled "Fiscal Year 2023 Member Day Hearing." The Subcommittee received testimony from:

The Honorable Veronica Escobar, Member of Congress

The Honorable Steve Cohen, Member of Congress

The Honorable Donald M. Payne, Member of Congress

The Subcommittee on Defense held a closed oversight hearing on May 19, 2022, entitled "Office of the Director of National Intelligence, Central Intelligence Agency and Office of the Under Secretary of Defense for Intelligence & Security Overview." The Subcommittee received testimony from:

The Honorable William J. Burns, Director of the Central Intelligence Agency

The Honorable Avril Haines, Director of National Intelligence The Honorable Ronald S. Moultrie, Under Secretary of Defense for Intelligence & Security

The Subcommittee on Defense held an oversight hearing on May 24, 2022, entitled "National Guard and Reserves." The Subcommittee received testimony from:

Lieutenant General David G. Bellon, Commander, U.S. Marine Forces Reserve

Lieutenant General Jody J. Daniels, Chief of the U.S. Army Reserve

General Daniel R. Hokanson, Chief of the National Guard Bureau

Vice Admiral John B. Mustin, Chief of the U.S. Navy Reserve

Lieutenant General Richard W. Scobee, Chief of the U.S. Air Force Reserve

The Subcommittee on Defense held an oversight hearing on May 25, 2022, entitled "Defense Health and Medical Readiness." The Subcommittee received testimony from:

Lieutenant General R. Scott Dingle, Surgeon General, U.S. Army

Rear Admiral Upper Half Bruce L. Gillingham, Surgeon General, U.S. Navy

Lieutenant General Robert I. Miller, Surgeon General, U.S. Air Force and U.S. Space Force

Ms. Seileen Mullen, Acting Assistant Secretary of Defense for Health Affairs

Lieutenant General Ronald Place, Director, Defense Health Agency

The Subcommittee on Defense held an oversight hearing on May 26, 2022, entitled "Defense Environmental Restoration." The Subcommittee received testimony from:

Ms. Amy Borman, Deputy Assistant Secretary of the Army for Environment, Safety and Occupational Health

Ms. Nancy Balkus, Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure

Mr. Richard Kidd, Deputy Assistant Secretary of Defense for Environment and Energy Resilience

Mr. Karnig Ohannessian, Deputy Assistant Secretary of the Navy for Environment

COMPLIANCE WITH RULE XIII, CL. 3(e) (RAMSEYER RULE)

In compliance with clause 3(e) of rule XIII of the Rules of the House of Representatives, changes in existing law made by the bill, as reported, are shown as follows (existing law proposed to be omitted is enclosed in black brackets):

## AUTHORIZATION FOR USE OF MILITARY FORCE

(Public Law 107–40)

**[SECTION 1. SHORT TITLE.**

[This joint resolution may be cited as the "Authorization for Use of Military Force".]

**[SEC. 2. AUTHORIZATION FOR USE OF UNITED STATES ARMED FORCES.**

[(a) IN GENERAL.—That the President is authorized to use all necessary and appropriate force against those nations, organizations, or persons he determines planned, authorized, committed, or aided the terrorist attacks that occurred on September 11, 2001, or harbored such organizations or persons, in order to prevent any future acts of international terrorism against the United States by such nations, organizations or persons.

[(b) WAR POWERS RESOLUTION REQUIREMENTS.—

[(1) SPECIFIC STATUTORY AUTHORIZATION.—Consistent with section 8(a)(1) of the War Powers Resolution, the Congress declares that this section is intended to constitute specific statu-

tory authorization within the meaning of section 5(b) of the War Powers Resolution.

[(2) APPLICABILITY OF OTHER REQUIREMENTS.—Nothing in this resolution supercedes any requirement of the War Powers Resolution.]

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## AUTHORIZATION FOR USE OF MILITARY FORCE AGAINST IRAQ RESOLUTION OF 2002

(Public Law 107–243)

**[SECTION 1. SHORT TITLE.**

[This joint resolution may be cited as the "Authorization for Use of Military Force Against Iraq Resolution of 2002".]

**[SEC. 2. SUPPORT FOR UNITED STATES DIPLOMATIC EFFORTS.**

[The Congress of the United States supports the efforts by the President to—

[(1) strictly enforce through the United Nations Security Council all relevant Security Council resolutions regarding Iraq and encourages him in those efforts; and

[(2) obtain prompt and decisive action by the Security Council to ensure that Iraq abandons its strategy of delay, evasion and noncompliance and promptly and strictly complies with all relevant Security Council resolutions regarding Iraq.

**[SEC. 3. AUTHORIZATION FOR USE OF UNITED STATES ARMED FORCES.**

[(a) AUTHORIZATION.—The President is authorized to use the Armed Forces of the United States as he determines to be necessary and appropriate in order to—

[(1) defend the national security of the United States against the continuing threat posed by Iraq; and

[(2) enforce all relevant United Nations Security Council resolutions regarding Iraq.

[(b) PRESIDENTIAL DETERMINATION.—In connection with the exercise of the authority granted in subsection (a) to use force the President shall, prior to such exercise or as soon thereafter as may be feasible, but no later than 48 hours after exercising such authority, make available to the Speaker of the House of Representatives and the President pro tempore of the Senate his determination that—

[(1) reliance by the United States on further diplomatic or other peaceful means alone either (A) will not adequately protect the national security of the United States against the continuing threat posed by Iraq or (B) is not likely to lead to enforcement of all relevant United Nations Security Council resolutions regarding Iraq; and

[(2) acting pursuant to this joint resolution is consistent with the United States and other countries continuing to take the necessary actions against international terrorist and terrorist organizations, including those nations, organizations, or persons who planned, authorized, committed or aided the terrorist attacks that occurred on September 11, 2001.

[(c) WAR POWERS RESOLUTION REQUIREMENTS.—

[(1) SPECIFIC STATUTORY AUTHORIZATION.—Consistent with section 8(a)(1) of the War Powers Resolution, the Congress declares that this section is intended to constitute specific statutory authorization within the meaning of section 5(b) of the War Powers Resolution.

[(2) APPLICABILITY OF OTHER REQUIREMENTS.—Nothing in this joint resolution supersedes any requirement of the War Powers Resolution.

**[SEC. 4. REPORTS TO CONGRESS.**

[(a) REPORTS.—The President shall, at least once every 60 days, submit to the Congress a report on matters relevant to this joint resolution, including actions taken pursuant to the exercise of authority granted in section 3 and the status of planning for efforts that are expected to be required after such actions are completed, including those actions described in section 7 of the Iraq Liberation Act of 1998 (Public Law 105–338).

[(b) SINGLE CONSOLIDATED REPORT.—To the extent that the submission of any report described in subsection (a) coincides with the submission of any other report on matters relevant to this joint resolution otherwise required to be submitted to Congress pursuant to the reporting requirements of the War Powers Resolution (Public Law 93–148), all such reports may be submitted as a single consolidated report to the Congress.

[(c) RULE OF CONSTRUCTION.—To the extent that the information required by section 3 of the Authorization for Use of Military Force Against Iraq Resolution (Public Law 102–1) is included in the report required by this section, such report shall be considered as meeting the requirements of section 3 of such resolution.]

## FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 1

Date: June 22, 2022
Measure: Defense Bill, FY 2023
Motion by: Mr. Calvert
Description of Motion: Increases funds for Air Force Air-launched Rapid Response program
Results: Not Adopted 27 yeas to 31 nays

| *Members Voting Yea* | *Members Voting Nay* |
|---|---|
| Mr. Aderholt | Mr. Aguilar |
| Mr. Amodei | Mr. Bishop |
| Mr. Calvert | Mrs. Bustos |
| Mr. Carter | Mr. Cartwright |
| Mr. Cline | Mr. Case |
| Mr. Cole | Ms. Clark |
| Mr. Crist | Mr. Cuellar |
| Mr. Diaz-Balart | Ms. DeLauro |
| Mr. Fleischmann | Mr. Espaillat |
| Mr. Garcia | Ms. Frankel |
| Mr. Gonzales | Mr. Harder |
| Ms. Granger | Ms. Kaptur |
| Dr. Harris | Mr. Kilmer |
| Ms. Herrera Beutler | Mrs. Kirkpatrick |
| Mrs. Hinson | Mrs. Lawrence |
| Mr. Joyce | Ms. Lee of California |
| Ms. Letlow | Mrs. Lee of Nevada |
| Mr. Moolenaar | Ms. McCollum |
| Mr. Newhouse | Ms. Meng |
| Mr. Palazzo | Ms. Pingree |
| Mr. Reschenthaler | Mr. Pocan |
| Mr. Rogers | Mr. Quigley |
| Mr. Rutherford | Ms. Roybal-Allard |
| Mr. Simpson | Mr. Ruppersberger |
| Mr. Stewart | Mr. Ryan |
| Mr. Valadao | Mrs. Torres |
| Mr. Womack | Mr. Trone |
| | Ms. Underwood |
| | Ms. Wasserman Schultz |
| | Mrs. Watson Coleman |
| | Ms. Wexton |

## FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 2

Date: June 22, 2022
Measure: Defense Bill, FY 2023
Motion by: Mr. Diaz-Balart
Description of Motion: Strikes language in the bill related to the closure of the detention facility at Guantanamo Bay, Cuba and adds four prohibitions related to the facility
Results: Not Adopted 28 yeas to 30 nays

| *Members Voting Yea* | *Members Voting Nay* |
|---|---|
| Mr. Aderholt | Mr. Aguilar |
| Mr. Amodei | Mr. Bishop |
| Mr. Calvert | Mrs. Bustos |
| Mr. Carter | Mr. Cartwright |
| Mr. Cline | Mr. Case |
| Mr. Cole | Ms. Clark |
| Mr. Crist | Ms. DeLauro |
| Mr. Cuellar | Mr. Espaillat |
| Mr. Diaz-Balart | Ms. Frankel |
| Mr. Fleischmann | Mr. Harder |
| Mr. Garcia | Ms. Kaptur |
| Mr. Gonzales | Mr. Kilmer |
| Ms. Granger | Mrs. Kirkpatrick |
| Dr. Harris | Mrs. Lawrence |
| Ms. Herrera Beutler | Ms. Lee of California |
| Mrs. Hinson | Mrs. Lee of Nevada |
| Mr. Joyce | Ms. McCollum |
| Ms. Letlow | Ms. Meng |
| Mr. Moolenaar | Ms. Pingree |
| Mr. Newhouse | Mr. Pocan |
| Mr. Palazzo | Mr. Quigley |
| Mr. Reschenthaler | Ms. Roybal-Allard |
| Mr. Rogers | Mr. Ruppersberger |
| Mr. Rutherford | Mr. Ryan |
| Mr. Simpson | Mrs. Torres |
| Mr. Stewart | Mr. Trone |
| Mr. Valadao | Ms. Underwood |
| Mr. Womack | Ms. Wasserman Schultz |
| | Mrs. Watson Coleman |
| | Ms. Wexton |

**FULL COMMITTEE VOTES**

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 3

Date: June 22, 2022
Measure: Defense Bill, FY 2023
Motion by: Dr. Harris
Description of Motion: Strikes Sec 8145, which prohibits leave being denied to service members and civilians who are seeking abortion services.
Results: Not Adopted 26 yeas to 32 nays

*Members Voting Yea*
Mr. Aderholt
Mr. Amodei
Mr. Calvert
Mr. Carter
Mr. Cline
Mr. Cole
Mr. Diaz-Balart
Mr. Fleischmann
Mr. Garcia
Mr. Gonzales
Ms. Granger
Dr. Harris
Ms. Herrera Beutler
Mrs. Hinson
Mr. Joyce
Ms. Letlow
Mr. Moolenaar
Mr. Newhouse
Mr. Palazzo
Mr. Reschenthaler
Mr. Rogers
Mr. Rutherford
Mr. Simpson
Mr. Stewart
Mr. Valadao
Mr. Womack

*Members Voting Nay*
Mr. Aguilar
Mr. Bishop
Mrs. Bustos
Mr. Cartwright
Mr. Case
Ms. Clark
Mr. Crist
Mr. Cuellar
Ms. DeLauro
Mr. Espaillat
Ms. Frankel
Mr. Harder
Ms. Kaptur
Mr. Kilmer
Mrs. Kirkpatrick
Mrs. Lawrence
Ms. Lee of California
Mrs. Lee of Nevada
Ms. McCollum
Ms. Meng
Ms. Pingree
Mr. Pocan
Mr. Quigley
Ms. Roybal-Allard
Mr. Ruppersberger
Mr. Ryan
Mrs. Torres
Mr. Trone
Ms. Underwood
Ms. Wasserman Schultz
Mrs. Watson Coleman
Ms. Wexton

## FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 4

Date: June 22, 2022
Measure: Defense Bill, FY 2023
Motion by: Mr. Aderholt
Description of Motion: Includes a new general provision prohibiting geographic reassignment of personnel based on the laws of that particular state or jurisdiction.
Results: Not Adopted 26 yeas to 32 nays

| *Members Voting Yea* | *Members Voting Nay* |
|---|---|
| Mr. Aderholt | Mr. Aguilar |
| Mr. Amodei | Mr. Bishop |
| Mr. Calvert | Mrs. Bustos |
| Mr. Carter | Mr. Cartwright |
| Mr. Cline | Mr. Case |
| Mr. Cole | Ms. Clark |
| Mr. Diaz-Balart | Mr. Crist |
| Mr. Fleischmann | Mr. Cuellar |
| Mr. Garcia | Ms. DeLauro |
| Mr. Gonzales | Mr. Espaillat |
| Ms. Granger | Ms. Frankel |
| Dr. Harris | Mr. Harder |
| Ms. Herrera Beutler | Ms. Kaptur |
| Mrs. Hinson | Mr. Kilmer |
| Mr. Joyce | Mrs. Kirkpatrick |
| Ms. Letlow | Mrs. Lawrence |
| Mr. Moolenaar | Ms. Lee of California |
| Mr. Newhouse | Mrs. Lee of Nevada |
| Mr. Palazzo | Ms. McCollum |
| Mr. Reschenthaler | Ms. Meng |
| Mr. Rogers | Ms. Pingree |
| Mr. Rutherford | Mr. Pocan |
| Mr. Simpson | Mr. Quigley |
| Mr. Stewart | Ms. Roybal-Allard |
| Mr. Valadao | Mr. Ruppersberger |
| Mr. Womack | Mr. Ryan |
| | Mrs. Torres |
| | Mr. Trone |
| | Ms. Underwood |
| | Ms. Wasserman Schultz |
| | Mrs. Watson Coleman |
| | Ms. Wexton |

## FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 5

Date: June 22, 2022
Measure: Defense Bill, FY 2023
Motion by: Mr. Garcia
Description of Motion: Adds a new general provision requiring a base pay annual salary of $31,200 for all service members.
Results: Not Adopted 28 yeas to 29 nays

| *Members Voting Yea* | *Members Voting Nay* |
|---|---|
| Mr. Aderholt | Mr. Aguilar |
| Mr. Amodei | Mr. Bishop |
| Mr. Calvert | Mrs. Bustos |
| Mr. Carter | Mr. Cartwright |
| Mr. Cline | Mr. Case |
| Mr. Cole | Ms. Clark |
| Mr. Diaz-Balart | Mr. Crist |
| Mr. Fleischmann | Mr. Cuellar |
| Mr. Garcia | Ms. DeLauro |
| Mr. Gonzales | Mr. Espaillat |
| Ms. Granger | Ms. Frankel |
| Mr. Harder | Ms. Kaptur |
| Dr. Harris | Mrs. Kirkpatrick |
| Ms. Herrera Beutler | Mrs. Lawrence |
| Mrs. Hinson | Ms. Lee of California |
| Mr. Kilmer | Mrs. Lee of Nevada |
| Ms. Letlow | Ms. McCollum |
| Mr. Moolenaar | Ms. Meng |
| Mr. Newhouse | Ms. Pingree |
| Mr. Palazzo | Mr. Pocan |
| Mr. Reschenthaler | Mr. Quigley |
| Mr. Rogers | Ms. Roybal-Allard |
| Mr. Rutherford | Mr. Ruppersberger |
| Mr. Ryan | Mrs. Torres |
| Mr. Simpson | Mr. Trone |
| Mr. Stewart | Ms. Underwood |
| Mr. Valadao | Ms. Wasserman Schultz |
| Mr. Womack | Mrs. Watson Coleman |
| | Ms. Wexton |

## FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 6

Date: June 22, 2022
Measure: Defense Bill, FY 2023
Motion by: Ms. Kaptur
Description of Motion: To report the bill to the House, as amended
Results: Adopted 32 yeas to 26 nays

| *Members Voting Yea* | *Members Voting Nay* |
|---|---|
| Mr. Aguilar | Mr. Aderholt |
| Mr. Bishop | Mr. Amodei |
| Mrs. Bustos | Mr. Calvert |
| Mr. Cartwright | Mr. Carter |
| Mr. Case | Mr. Cline |
| Ms. Clark | Mr. Cole |
| Mr. Crist | Mr. Diaz-Balart |
| Mr. Cuellar | Mr. Fleischmann |
| Ms. DeLauro | Mr. Garcia |
| Mr. Espaillat | Mr. Gonzales |
| Ms. Frankel | Ms. Granger |
| Mr. Harder | Dr. Harris |
| Ms. Kaptur | Ms. Herrera Beutler |
| Mr. Kilmer | Mrs. Hinson |
| Mrs. Kirkpatrick | Mr. Joyce |
| Mrs. Lawrence | Ms. Letlow |
| Ms. Lee of California | Mr. Moolenaar |
| Mrs. Lee of Nevada | Mr. Newhouse |
| Ms. McCollum | Mr. Palazzo |
| Ms. Meng | Mr. Reschenthaler |
| Ms. Pingree | Mr. Rogers |
| Mr. Pocan | Mr. Rutherford |
| Mr. Quigley | Mr. Simpson |
| Ms. Roybal-Allard | Mr. Stewart |
| Mr. Ruppersberger | Mr. Valadao |
| Mr. Ryan | Mr. Womack |
| Mrs. Torres | |
| Mr. Trone | |
| Ms. Underwood | |
| Ms. Wasserman Schultz | |
| Mrs. Watson Coleman | |
| Ms. Wexton | |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE I | | | | | |
| MILITARY PERSONNEL | | | | | |
| Military Personnel, Army | 47,814,079 | 50,305,255 | 50,144,455 | +2,330,376 | -160,800 |
| CR Funding Military Personnel, Army - P.L. 117-86 | 33,263 | --- | --- | -33,263 | --- |
| Military Personnel, Navy | 35,504,251 | 36,629,226 | 36,244,037 | +739,786 | -385,189 |
| CR Funding Military Personnel, Navy - P.L. 117-86 | 91,327 | --- | --- | -91,327 | --- |
| Military Personnel, Marine Corps | 14,572,400 | 15,330,068 | 15,230,772 | +658,372 | -99,296 |
| CR Funding Military Personnel, Marine Corps - P.L. 117-86 | 5,206 | --- | --- | -5,206 | --- |
| Military Personnel, Air Force | 35,078,206 | 35,140,287 | 35,060,287 | -17,919 | -80,000 |
| CR Funding Military Personnel, Air Force - P.L. 117-86 | 27,564 | --- | --- | -27,564 | --- |
| Military Personnel, Space Force | --- | 1,117,361 | 1,084,361 | +1,084,361 | -33,000 |
| Reserve Personnel, Army | 5,156,976 | 5,384,686 | 5,374,686 | +217,710 | -10,000 |
| Reserve Personnel, Navy | 2,297,029 | 2,410,777 | 2,400,777 | +103,748 | -10,000 |
| Reserve Personnel, Marine Corps | 802,619 | 849,942 | 839,942 | +37,323 | -10,000 |
| Reserve Personnel, Air Force | 2,371,001 | 2,519,878 | 2,509,878 | +138,877 | -10,000 |
| National Guard Personnel, Army | 9,017,728 | 9,324,813 | 9,324,213 | +306,485 | -600 |
| National Guard Personnel, Air Force | 4,764,443 | 5,127,335 | 5,123,235 | +358,792 | -4,100 |
| Total, title I, Military Personnel | 157,536,092 | 164,139,628 | 163,336,643 | +5,800,551 | -802,985 |
| Total, including Tricare | 166,873,267 | 173,882,628 | 173,079,643 | +6,206,376 | -802,985 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE II | | | | | |
| OPERATION AND MAINTENANCE | | | | | |
| Operation and Maintenance, Army | 55,016,103 | 58,117,556 | 57,583,205 | +2,567,102 | -534,351 |
| CR Funding Operation and Maintenance, Army - P.L. 117-86 | 22,640 | --- | --- | -22,640 | --- |
| Operation and Maintenance, Navy | 62,480,035 | 66,151,951 | 65,775,711 | +3,295,676 | -376,240 |
| CR Funding Operation and Maintenance, Navy - P.L. 117-86 | 70,000 | --- | --- | -70,000 | --- |
| Operation and Maintenance, Marine Corps | 9,185,430 | 9,660,944 | 9,638,125 | +452,695 | -22,819 |
| Operation and Maintenance, Air Force | 55,103,948 | 58,281,242 | 58,038,438 | +2,934,490 | -242,804 |
| Operation and Maintenance, Space Force | 3,435,212 | 4,034,658 | 3,967,658 | +532,446 | -67,000 |
| Operation and Maintenance, Defense-Wide | 45,864,202 | 48,406,516 | 48,663,571 | +2,799,369 | +257,055 |
| Counter-ISIS Train and Equip Fund (CTEF) | 500,000 | 541,692 | 450,000 | -50,000 | -91,692 |
| CR Funding Operation and Maintenance Defense Wide - P.L. 117-86 | 100,000 | --- | --- | -100,000 | --- |
| Operation and Maintenance, Army Reserve | 3,032,255 | 3,228,504 | 3,169,504 | +137,249 | -59,000 |
| Operation and Maintenance, Navy Reserve | 1,173,598 | 1,228,300 | 1,216,300 | +42,702 | -12,000 |
| Operation and Maintenance, Marine Corps Reserve | 294,860 | 304,233 | 340,733 | +45,873 | +36,500 |
| Operation and Maintenance, Air Force Reserve | 3,417,706 | 3,564,544 | 3,535,544 | +117,838 | -29,000 |
| Operation and Maintenance, Army National Guard | 7,714,473 | 8,157,237 | 8,094,937 | +380,464 | -62,300 |
| Operation and Maintenance, Air National Guard | 6,786,420 | 6,900,679 | 6,908,979 | +122,559 | +8,300 |
| United States Court of Appeals for the Armed Forces | 15,589 | 16,003 | 16,003 | +414 | --- |
| Environmental Restoration, Army | 299,008 | 196,244 | 273,700 | -25,308 | +77,456 |
| Environmental Restoration, Navy | 390,113 | 359,348 | 390,113 | --- | +30,765 |
| Environmental Restoration, Air Force | 522,010 | 314,474 | 438,810 | -83,200 | +124,336 |
| Environmental Restoration, Defense-Wide | 10,979 | 8,924 | 10,979 | --- | +2,055 |
| Environmental Restoration, Formerly Used Defense Sites | 292,580 | 227,262 | 292,580 | --- | +65,318 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Overseas Humanitarian, Disaster, and Civic Aid..... | 160,051 | 112,800 | 150,000 | -10,051 | +37,200 |
| Cooperative Threat Reduction Account..... | 344,849 | 341,598 | 351,598 | +6,749 | +10,000 |
| Department of Defense Acquisition Workforce Development Account..... | 56,679 | 53,791 | 53,791 | -2,888 | --- |
| Total, title II, Operation and Maintenance..... | 256,288,740 | 270,208,500 | 269,360,279 | +13,071,539 | -848,221 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE III | | | | | |
| PROCUREMENT | | | | | |
| Aircraft Procurement, Army | 3,295,431 | 2,849,655 | 3,276,970 | -18,461 | +427,315 |
| Missile Procurement, Army | 3,460,064 | 3,761,915 | 3,750,465 | +290,401 | -11,450 |
| Procurement of Weapons and Tracked Combat Vehicles, Army | 4,319,082 | 3,576,030 | 3,604,302 | -714,780 | +28,272 |
| Procurement of Ammunition, Army | 2,276,667 | 2,639,051 | 2,576,648 | +299,981 | -62,403 |
| Other Procurement, Army | 9,453,524 | 8,457,509 | 8,233,869 | -1,219,655 | -223,640 |
| Aircraft Procurement, Navy | 17,799,321 | 16,848,428 | 16,334,708 | -1,464,613 | -513,720 |
| Weapons Procurement, Navy | 3,982,657 | 4,738,705 | 4,594,139 | +611,482 | -144,566 |
| Procurement of Ammunition, Navy and Marine Corps | 845,289 | 1,052,292 | 911,982 | +66,693 | -140,310 |
| Shipbuilding and Conversion, Navy | 26,664,526 | 27,917,854 | 27,780,407 | +1,115,881 | -137,447 |
| Other Procurement, Navy | 11,072,651 | 11,746,503 | 11,285,187 | +212,536 | -461,316 |
| Procurement, Marine Corps | 3,093,770 | 3,681,506 | 3,414,365 | +320,595 | -267,141 |
| Aircraft Procurement, Air Force | 18,383,946 | 18,517,428 | 18,114,396 | -269,550 | -403,032 |
| Missile Procurement, Air Force | 2,475,206 | 2,962,417 | 2,866,722 | +391,516 | -95,695 |
| Procurement of Ammunition, Air Force | 665,977 | 903,630 | 890,530 | +224,553 | -13,100 |
| Other Procurement, Air Force | 26,615,079 | 25,691,113 | 25,426,674 | -1,188,405 | -264,439 |
| Procurement, Space Force | 3,023,408 | 3,629,669 | 3,717,369 | +693,961 | +87,700 |
| Procurement, Defense-Wide | 6,177,561 | 5,245,500 | 5,425,747 | -751,814 | +180,247 |
| Defense Production Act Purchases | 388,327 | 659,906 | 707,906 | +319,579 | +48,000 |
| National Guard and Reserve Equipment | 950,000 | --- | 1,000,000 | +50,000 | +1,000,000 |
| Total, title III, Procurement | 144,942,486 | 144,879,111 | 143,912,386 | -1,030,100 | -966,725 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE IV | | | | | |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION | | | | | |
| Research, Development, Test and Evaluation, Army..... | 14,539,417 | 13,710,273 | 15,004,405 | +464,988 | +1,294,132 |
| Research, Development, Test and Evaluation, Navy..... | 22,139,080 | 24,078,718 | 25,141,077 | +3,001,997 | +1,062,359 |
| Research, Development, Test and Evaluation, Air Force. | 41,592,913 | 44,134,301 | 43,173,883 | +1,580,970 | -960,418 |
| Research, Development, Test and Evaluation, Space Force..... | 11,597,405 | 15,819,372 | 15,461,468 | +3,864,063 | -357,904 |
| Research, Development, Test and Evaluation, Defense-Wide..... | 29,065,786 | 32,077,552 | 32,599,153 | +3,533,367 | +521,601 |
| Operational Test and Evaluation, Defense..... | 276,591 | 277,194 | 277,194 | +603 | --- |
| Total, title IV, Research, Development, Test and Evaluation..... | 119,211,192 | 130,097,410 | 131,657,180 | +12,445,988 | +1,559,770 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE V | | | | | |
| REVOLVING AND MANAGEMENT FUNDS | | | | | |
| Defense Working Capital Funds..... | 2,017,000 | 1,329,895 | 1,329,895 | -687,105 | --- |
| Total, title V, Revolving and Management Funds.. | 2,017,000 | 1,329,895 | 1,329,895 | -687,105 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE VI | | | | | |
| OTHER DEPARTMENT OF DEFENSE PROGRAMS | | | | | |
| Defense Health Program | | | | | |
| Operation and maintenance | 33,957,986 | 35,314,750 | 35,141,343 | +1,183,357 | -173,407 |
| Procurement | 758,708 | 570,074 | 570,074 | -188,634 | --- |
| Research, development, test and evaluation | 2,633,488 | 1,047,350 | 2,361,015 | -272,473 | +1,313,665 |
| Total, Defense Health Program | 37,350,182 | 36,932,174 | 38,072,432 | +722,250 | +1,140,258 |
| Chemical Agents and Munitions Destruction, Defense: | | | | | |
| Operation and maintenance | 93,121 | 84,612 | 84,612 | -8,509 | --- |
| Research, development, test and evaluation | 1,001,231 | 975,206 | 975,206 | -26,025 | --- |
| Total, Chemical Agents | 1,094,352 | 1,059,818 | 1,059,818 | -34,534 | --- |
| Drug Interdiction and Counter-Drug Activities, Defense | 925,649 | 855,728 | 878,027 | -47,622 | +22,299 |
| Office of the Inspector General | 438,363 | 479,359 | 479,359 | +40,996 | --- |
| Total, title VI, Other Department of Defense Programs | 39,808,546 | 39,327,079 | 40,489,636 | +681,090 | +1,162,557 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE VII | | | | | |
| RELATED AGENCIES | | | | | |
| Central Intelligence Agency Retirement and Disability System Fund | 514,000 | 514,000 | 514,000 | --- | --- |
| Intelligence Community Management Account (ICMA) | 587,100 | 635,000 | 578,705 | -8,395 | -56,295 |
| Total, title VII, Related agencies | 1,101,100 | 1,149,000 | 1,092,705 | -8,395 | -56,295 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE VIII | | | | | |
| GENERAL PROVISIONS | | | | | |
| Additional transfer authority (Sec. 8005) | (6,000,000) | (8,000,000) | (6,000,000) | --- | (-2,000,000) |
| Indian Financing Act incentives (Sec.8020) | 25,000 | --- | 25,000 | --- | +25,000 |
| FFRDC (Sec. 8026) | -63,840 | --- | -123,600 | -59,760 | -123,600 |
| National Defense Stockpile Transaction Fund (Sec. 8034) | 125,000 | 253,500 | 93,500 | -31,500 | -160,000 |
| Rescissions (Sec. 8047) | -3,305,725 | --- | -716,375 | +2,589,350 | -716,375 |
| National grants (Sec. 8052) | 49,000 | --- | 49,000 | --- | +49,000 |
| O&M, Defense-wide transfer authority (Sec. 8055) | (30,000) | (30,000) | (30,000) | --- | --- |
| Fisher House Foundation (Sec.8068) | 5,000 | --- | 5,000 | --- | +5,000 |
| Improving Tactical Artificial Intelligence at the Combatant Commands (Sec. 8070) | 200,000 | --- | --- | -200,000 | --- |
| Space Force field operating agencies (Sec. 8071) | --- | 25,000 | --- | --- | -25,000 |
| Fisher House O&M Army Navy Air Force transfer authority (Sec.8069) | (11,000) | (11,000) | (11,000) | --- | --- |
| John C. Stennis Center for Public Service Development (Sec.8070) | (1,000) | (1,000) | (1,000) | --- | --- |
| Artificial Intelligence Workforce (Sec. 8080) | 50,000 | --- | --- | -50,000 | --- |
| Defense Health O&M transfer authority (Sec. 8090) | (137,000) | (168,000) | (168,000) | (+31,000) | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Public Schools on Military Installations (Sec. 8105).. | 516,233 | --- | 300,751 | -215,482 | +300,751 |
| Iron Dome (Sec. 8142)..... | 1,000,000 | --- | --- | -1,000,000 | --- |
| Red Hill (Sec. 8150)..... | 100,000 | --- | --- | -100,000 | --- |
| Red Hill Recovery Fund (Sec. 8141)..... | --- | 1,000,000 | 1,000,000 | +1,000,000 | --- |
| Inflation/pay raise (Sec. 8143)..... | --- | --- | 600,000 | +600,000 | +600,000 |
| Total, title VIII, General Provisions..... | -1,299,332 | 1,278,500 | 1,233,276 | +2,532,608 | -45,224 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE IX | | | | | |
| OTHER APPROPRIATIONS | | | | | |
| EXTENDING GOVERNMENT FUNDING AND DELIVERING EMERGENCY ASSISTANCT ACT, 2021 (PL 117-43) | | | | | |
| DIVISION B - DISASTER RELIEF SUPPLEMENTAL APPROPRIATIONS ACT, 2022 | | | | | |
| Operation and Maintenance | | | | | |
| Operation and Maintenance, Navy (emergency)..... | 565,000 | --- | --- | -565,000 | --- |
| Operation and Maintenance, Air Force (emergency)..... | 330,000 | --- | --- | -330,000 | --- |
| Total, Division B..... | 895,000 | --- | --- | -895,000 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| DIVISION C - AFGHANISTAN SUPPLEMENTAL APPROPRIATIONS ACT, 2022 | | | | | |
| Operation and Maintenance | | | | | |
| Overseas Humanitarian, Disaster, and Civic Aid (emergency) | 2,200,000 | --- | --- | -2,200,000 | --- |
| General Provisions - This Title | | | | | |
| Termination costs (Sec. 2204) (emergency) | --- | --- | --- | --- | --- |
| Total, Division C | 2,200,000 | --- | --- | -2,200,000 | --- |
| Total, Extending Government Funding and Delivering Emergency Assistance Act, 2021 | 3,095,000 | --- | --- | -3,095,000 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| FURTHER EXTENDING GOVERNMENT FUNDING ACT (P.L. 117-70) | | | | | |
| DIVISION B - ADDITIONAL AFGHANISTAN SUPPLEMENTAL APPROPRIATIONS ACT, 2022 | | | | | |
| Military Personnel | | | | | |
| Military Personnel, Army (emergency)..... | 128,000 | --- | --- | -128,000 | --- |
| Military Personnel, Navy (emergency)..... | 7,000 | --- | --- | -7,000 | --- |
| Military Personnel. Marine Corps (emergency)..... | 32,000 | --- | --- | -32,000 | --- |
| Military Personnel, Air Force (emergency)..... | 145,000 | --- | --- | -145,000 | --- |
| Total, Military Personnel..... | 312,000 | --- | --- | -312,000 | --- |
| Operation and Maintenance | | | | | |
| Overseas Humanitarian, Disaster, and Civic Aid (emergency)..... | 4,000,000 | --- | --- | -4,000,000 | --- |
| Total, FURTHER EXTENDING GOVERNMENT FUNDING ACT. | 4,312,000 | --- | --- | -4,312,000 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2022 (P.L. 117-103) | | | | | |
| DIVISION N | | | | | |
| Military Personnel | | | | | |
| Military Personnel, Army (emergency) | 130,377 | --- | --- | -130,377 | --- |
| Military Personnel, Navy (emergency) | 11,645 | --- | --- | -11,645 | --- |
| Military Personnel, Marine Corps (emergency) | 3,079 | --- | --- | -3,079 | --- |
| Military Personnel, Air Force (emergency) | 50,396 | --- | --- | -50,396 | --- |
| Total | 195,497 | --- | --- | -195,497 | --- |
| Operation and Maintenance | | | | | |
| Operation and Maintenance, Army (emergency) | 1,113,234 | --- | --- | -1,113,234 | --- |
| Operation and Maintenance, Navy (emergency) | 202,797 | --- | --- | -202,797 | --- |
| Operation and Maintenance, Marine Corps (emergency) | 21,440 | --- | --- | -21,440 | --- |
| Operation and Maintenance, Air Force (emergency) | 415,442 | --- | --- | -415,442 | --- |
| Operation and Maintenance, Space Force (emergency) | 800 | --- | --- | -800 | --- |
| Operation and Maintenance, Defense-Wide (emergency) | 311,583 | --- | --- | -311,583 | --- |
| Total | 2,065,296 | --- | --- | -2,065,296 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Procurement | | | | | |
| Other Procurement, Air Force (emergency) | 213,693 | --- | --- | -213,693 | --- |
| Procurement, Defense-Wide (emergency) | 14,259 | --- | --- | -14,259 | --- |
| Total | 227,952 | --- | --- | -227,952 | --- |
| Research, Development, Test and Evaluation | | | | | |
| Research, Development, Test and Evaluation, Navy (emergency) | 31,100 | --- | --- | -31,100 | --- |
| Research, Development, Test and Evaluation, Air Force (emergency) | 47,500 | --- | --- | -47,500 | --- |
| Research, Development, Test and Evaluation, Defense-Wide (emergency) | 51,745 | --- | --- | -51,745 | --- |
| Total | 130,345 | --- | --- | -130,345 | --- |
| Revolving and Management Funds | | | | | |
| Defense Working Capital Funds (emergency) | 409,000 | --- | --- | -409,000 | --- |
| General Provisions | | | | | |
| Operation and Maintenance, Defense-Wide (Sec. 2301) (emergency) | 3,500,000 | --- | --- | -3,500,000 | --- |
| Total, UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2022 | 6,528,090 | --- | --- | -6,528,090 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| ADDITIONAL UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2022 (P.L. 117-128) | | | | | |
| Military Personnel | | | | | |
| Military Personnel, Army (emergency) | 12,750 | --- | --- | -12,750 | --- |
| Military Personnel, Navy (emergency) | 38 | --- | --- | -38 | --- |
| Military Personnel, Marine Corps (emergency) | 675 | --- | --- | -675 | --- |
| Military Personnel, Air Force (emergency) | 1,590 | --- | --- | -1,590 | --- |
| Total | 15,053 | --- | --- | -15,053 | --- |
| Operation and Maintenance | | | | | |
| Operation and Maintenance, Army (emergency) | 1,493,532 | --- | --- | -1,493,532 | --- |
| Operation and Maintenance, Navy (emergency) | 939,779 | --- | --- | -939,779 | --- |
| Operation and Maintenance, Air Force(emergency) | 195,262 | --- | --- | -195,262 | --- |
| Operation and Maintenance, Space Force (emergency) | 800 | --- | --- | -800 | --- |
| Operation and Maintenance, Defense-Wide (emergency) | 15,256,824 | --- | --- | -15,256,824 | --- |
| Total | 17,886,197 | --- | --- | -17,886,197 | --- |
| Procurement | | | | | |
| Missile Procurement, Army (emergency) | 350,970 | --- | --- | -350,970 | --- |
| Procurement of Weapons and Tracked Combat Vehicles, Army (emergency) | 255 | --- | --- | -255 | --- |
| Procurement of Ammunition, Army (emergency) | 45 | --- | --- | -45 | --- |
| Other Procurement, Army (emergency) | 113,440 | --- | --- | -113,440 | --- |
| Other Procurement, Navy (emergency) | 1,250 | --- | --- | -1,250 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Aircraft Procurement, Air Force (emergency) | 28,500 | --- | --- | -28,500 | --- |
| Other Procurement, Air Force (emergency) | 155,382 | --- | --- | -155,382 | --- |
| Procurement, Defense-Wide (emergency) | 24,218 | --- | --- | -24,218 | --- |
| Defense Production Act Purchases (emergency) | 600,000 | --- | --- | -600,000 | --- |
| Total | 1,274,060 | --- | --- | -1,274,060 | --- |
| Research, Development, Test and Evaluation | | | | | |
| Research, Development, Test and Evaluation, Army (emergency) | 128,700 | --- | --- | -128,700 | --- |
| Research, Development, Test and Evaluation, Navy (emergency) | 43,000 | --- | --- | -43,000 | --- |
| Research, Development, Test and Evaluation, Air Force (emergency) | 119,815 | --- | --- | -119,815 | --- |
| Research, Development, Test and Evaluation, Defense-Wide (emergency) | 72,103 | --- | --- | -72,103 | --- |
| Total | 363,618 | --- | --- | -363,618 | --- |
| Revolving and Management Funds | | | | | |
| Defense Working Capital Funds (emergency) | 965 | --- | --- | -965 | --- |
| Other Department of Defense Programs | | | | | |
| Defense Health Program (emergency) | 13,900 | --- | --- | -13,900 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023
(Amounts in thousands)

| | FY 2022 Enacted | FY 2023 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| General Provisions - This Title | | | | | |
| Critical Munitions(Sec. 201) (emergency)..... | 500,000 | --- | --- | -500,000 | --- |
| Program protection strategies (Sec. 202) (emergency).. | 50,000 | --- | --- | -50,000 | --- |
| Total, General Provisions..... | 550,000 | --- | --- | -550,000 | --- |
| Total, Additional Ukraine Supplemental Appropriations Act, 2022..... | 20,103,793 | --- | --- | -20,103,793 | --- |
| Total, Other Appropriations..... | 34,038,883 | --- | --- | -34,038,883 | --- |
| Grand total..... | 762,981,882 | 762,152,123 | 762,155,000 | -826,882 | +2,877 |
| Appropriations..... | (732,248,724) | (762,152,123) | (762,871,375) | (+30,622,651) | (+719,252) |
| Emergency appropriations..... | (34,038,883) | --- | --- | (-34,038,883) | --- |
| Rescissions..... | (-3,305,725) | --- | (-716,375) | (+2,589,350) | (-716,375) |
| (Transfer Authority)..... | (6,179,000) | (8,210,000) | (6,210,000) | (+31,000) | (-2,000,000) |

## MINORITY VIEWS

We thank the Chairs of the Full Committee and the Subcommittee for crafting a Defense Appropriations Act that includes many bipartisan priorities that support our national security. Unfortunately, given the heightened global threats and increased cost of materials used heavily by the military, the topline funding level proposed in this bill is inadequate to meet our urgent national defense requirements. With inflation at historic levels, this bill effectively cuts funding for our national defense. Furthermore, this bill includes many partisan provisions that prevent us from supporting it in its current form.

There are many aspects of the bill we support, such as the procurement of platforms desperately needed by our warfighters. These include, but are not limited to, the F–35 Joint Strike Fighter, the Columbia-class Submarine, the Arleigh-Burke Destroyer, and the E–2D Advanced Hawkeye. We also support research and development funding for next-generation technologies that are essential to keeping pace with emerging threats in all domains.

As the ongoing conflict in Ukraine has shown us, we must do all we can to support our allies and partners around the world. Weakness is provocative, and this Congress must ensure that the Administration's failure to deter Russia does not repeat in Taiwan or anywhere else. We can avoid further chaos by sending a strong message to our adversaries and allies with a Defense bill that meets our global requirements. Sadly, this bill fails to do so in its current form.

We are also advocates of funding next generation, promising technologies; however, diverting funds from urgent warfighting requirements for a promise of future capabilities assumes too much risk. Unfortunately, this is a common theme throughout the bill, like the bill proposed by the majority in Fiscal Year 2022. For example, this bill allows for the decommissioning of 19 Navy ships, 15 Air Force E–3s, and many other platforms that are currently in high demand. These short-sighted decisions are a direct result of the Biden Administration's inadequate funding request level for Fiscal Year 2023.

While we thank the Chair for funding 8 Navy ships, it is again clear that the Majority and the Biden Administration are not committed to a 355 ship Navy. Without a robust and capable Navy, we will be less able to maintain freedom of navigation and mobilize our forces around the world, if necessary. Due to the arbitrary topline funding level, this bill takes from today in the hope that our investments will outpace our adversaries in future years. This is a risk we cannot afford. During the Full Committee markup of the bill, we were pleased to find common ground with the Majority in the Manager's Amendment to address several issues important to our Members, such as supporting a construct between the Na-

tional Guard and Taiwan, increasing congressional oversight of the Defense Production Act, and requiring more information on the Air Force E–3 replacement program.

However, significant policy differences remain. Priorities that the Minority tried to address during the markup that were denied include the following: opposition to closing the detention facility at Guantanamo Bay, Cuba; restoring funding to the Air Force Air-launched Rapid Response Weapon; concern about a new partisan rider establishing leave policies for abortions; opposition to allowing service members the ability to choose where they are stationed based on their own political views; and increasing basic pay for members of the Armed Forces.

Mr. Diaz-Balart offered an amendment that would reinstate the longstanding, bipartisan provisions to prohibit closing the detention facility at Guantanamo Bay and prohibit transferring non-citizen detainees at Guantanamo Bay to the United States, among other policies. Republicans are greatly concerned that, even though the Administration has no plan for the remaining detainees at Guantanamo Bay, this bill proposes closing the facility by the end of Fiscal Year 2023. Unfortunately, despite longstanding bipartisan support for these policies, the amendment was defeated 28–30.

Mr. Calvert offered an amendment to restore a $90 million cut to the Air Force's Air-launched Rapid Response Weapon, which is one of the Air Force's two hypersonic weapons programs. These funds were offset by cutting four climate-related activities funded in the bill that are not directly linked to the Department's warfighting mission. With China and Russia both outpacing the U.S. with their hypersonic capabilities, we believe this bill must prioritize advanced weapon systems over climate change. Unfortunately, this amendment was defeated 27–31.

Mr. Harris offered an amendment to strike Section 8145 of the bill, which would prohibit a service member or their spouse from being denied leave should they seek it to access abortion services. The Services already have policies in place to grant leave for medical purposes. Under current policies, if a service member is denied leave by their supervisor for any reason, but especially for a medical procedure, there are mechanisms in place to appeal that through the chain of command. The Services can determine for themselves what leave policies are necessary to maintain readiness and don't need Congress micro-managing those policies. Unfortunately, this amendment was defeated 26–32.

Mr. Aderholt offered an amendment to prohibit the geographic reassignment of civilian or military personnel from a military installation, jurisdiction, locality, or State based on the policies or laws of that particular jurisdiction. Earlier this year, the press reported on a leaked Army memo that showed the Service is considering a policy that would allow for soldiers to request relocation if they are concerned that state or local laws discriminate against them based on gender, sexual orientation, religion, race, or pregnancy. Allowing Soldiers to determine their duty station based on the criteria reportedly in the memo involves the Army in inherently political decisions. In a functioning democracy, laws are based on legislation approved by elected political leaders and we expect our military to respect and adhere to those laws, whether they are

federal, state, or local laws. Our senior military leaders understand that and have repeatedly stressed the need for the military to remain apolitical. Yet a policy like the one reported on would set a dangerous precedent by upending the apolitical nature of the military and involving it in political decisions. It would also threaten to balkanize our military along ideological lines. This amendment was defeated 26–32.

Lastly, Mr. Garcia offered an amendment to increase the basic pay for all service members to a minimum of $31,200 per year. With inflation at 8.6%, the pay increase of 4.6% included in this bill is not enough, especially for our junior service members. They and their families should not have to be on food stamps to survive while serving our nation honorably. Unfortunately, this amendment was narrowly defeated 28–29.

We do thank the Chair for accepting two of our amendments, both offered by Mr. Reschenthaler, to prohibit funds from going to facilities and organizations tied to the COVID–19 outbreak.

Additionally, we thank the Chair for adding a critical bipartisan amendment to the Manager's Amendment, directing the Secretary of Defense to conduct a study of the impact of transferring Mexico from the Northern Command area of responsibility to the Southern Command area of responsibility for the purposes of a more cohesive counter-drug strategy.

In conclusion, we remain concerned about the insufficient topline funding level and partisan riders in this bill that could jeopardize final enactment of this important legislation. Continuing resolutions are detrimental to our military, and we want to work with the Majority as we proceed through the legislative process to enact a strong, bipartisan Defense Appropriations Act for Fiscal Year 2023.

KAY GRANGER.
KEN CALVERT.

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