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116TH CONGRESS
2d Session

HOUSE OF REPRESENTATIVES

REPORT
116–453

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2021

R E P O R T

OF THE

COMMITTEE ON APPROPRIATIONS

together with

MINORITY VIEWS

[TO ACCOMPANY H.R. 7617]



JULY 16, 2020.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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CONTENTS

	Page
Bill Totals	1
Committee Budget Review Process	3
Introduction	3
Definition of Program, Project, and Activity	5
Reprogramming Guidance for Base and Overseas Contingency Operations Funding	5
Funding Increases	6
Congressional Special Interest Items	6
Designated Congressional Special Interest Items	6
General Transfer Authority and Special Transfer Authority	7
Classified Annex	8
Committee Recommendations by Major Category	8
Active, Reserve, and National Guard Military Personnel	8
Operation and Maintenance	8
Procurement	8
Research, Development, Test and Evaluation	9
Defense Health Program	10
Overseas Contingency Operations/Global War on Terrorism Requirements	10
Civilian Cyber Workforce	10
Initiating Operations	11
Coronavirus Disease 2019	11
Domestic Manufacturing Requirements for Navy Shipbuilding	13
Littoral Combat Ship Decommissions	13
Compliance with Congressionally Directed Reports	14
Buy America and the Berry Amendment	14
Renaming Institutions	14
Law Enforcement Training	15
TITLE I. MILITARY PERSONNEL	17
Military Personnel Overview	19
Summary of End Strength	19
Overall Active End Strength	19
Overall Selected Reserve End Strength	19
Reprogramming Guidance for Military Personnel Accounts (Including Base and Overseas Contingency Operations Funding)	20
Military Personnel Special Interest Items	20
Minority Outreach and Officer Accessions	20
Recognizing Diversity in the Military	21
Cultural Sensitivity Training	21
Trauma Training Program	21
Sexual Assault Prevention and Response	22
Suicide Prevention and Outreach	23
Military Personnel, Army	24
Military Personnel, Navy	28
Cybersecurity Professionals	32
Military Personnel, Marine Corps	32
Military Personnel, Air Force	36
Reserve Personnel, Army	40
Reserve Personnel, Navy	43
Reserve Personnel, Marine Corps	46
Reserve Personnel, Air Force	49
National Guard Personnel, Army	52
National Guard Personnel, Air Force	55
TITLE II. OPERATION AND MAINTENANCE	59
Reprogramming Guidance for Operation and Maintenance Accounts (Including Base and Overseas Contingency Operations Funding)	61
Reprogramming Guidance for Special Operations Command	62
Operation and Maintenance Special Interest Items	62

Page

Quarterly Operation and Maintenance Updates 63
Restoring Readiness 63
Reclaimed Refrigerants 63
Meals Ready-To-Eat War Reserve 63
Advertising 63
Minority and Women-Owned Businesses 64
Classified Contracting for Small Businesses 64
Pilot Shortages 64
Military Funeral Honors 65
Body Composition Testing 65
Inventory Management 65
Language Flagship Program 65
Military Food Transformation 66
Vieques and Culebra 67
Indian Financing Act 67
PFOS/PFOA Exposure Assessment 68
Per- and Polyfluoroalkyl Substances Cleanup Cost Reporting 68
Childcare 69
Movement of Household Goods 69
Cold Weather Clothing and Equipment 70
Use of Remote Piloting Systems 71
Multinational Force and Observers 71
Energy Resiliency Studies 71
Operation and Maintenance, Army 71
  Small Businesses and Army Futures Command 78
  Facilities Reduction Program 78
Operation and Maintenance, Navy 78
  Advanced Skills Management Legacy Systems Upgrades 85
  China Lake Naval Air Weapons Station 85
Operation and Maintenance, Marine Corps 85
Operation and Maintenance, Air Force 89
  Department of the Air Force Budget Justification Documents 95
  C–17 95
  Aircraft Protection 95
  Air Force Pilot Shortfall 96
Operation and Maintenance, Space Force 96
Operation and Maintenance, Defense-Wide 99
  Readiness and Environmental Protection Integration Program 106
  Defense Community Infrastructure Program 106
  Service-Provided Support and Enabling Capabilities to United States Special Operations Forces 106
  Theater Special Operations Command Activities 107
  Military Information Support Operations 107
  Special Operations Command Cold Weather Tactical Outerwear 108
  137th Special Operations Wing 108
  Defense POW/MIA Accounting Agency 108
  Perfluorinated Chemicals Contamination and First Responder Exposure .. 108
  Climate Change Report 109
  Special Measures Agreement 109
  Composting of Shredded Government Documents 109
  Defense Security Cooperation Agency Programs 109
  Standards and Protocols on Countering Cybersecurity Incidents 113
  Zero Trust Architecture 113
  Noise Mitigation Communities Partnerships 113
  Local Media 114
Operation and Maintenance, Army Reserve 114
Operation and Maintenance, Navy Reserve 117
Operation and Maintenance, Marine Corps Reserve 120
Operation and Maintenance, Air Force Reserve 123
Operation and Maintenance, Army National Guard 126
  Joint Force Headquarters Analysis Cells 130
Operation and Maintenance, Air National Guard 130
  National Guard Bureau State Website Modernization and Standardization 133
United States Court of Appeals for the Armed Forces 133
Environmental Restoration, Army 133
Environmental Restoration, Navy 133

Page

Environmental Restoration, Air Force 133
Environmental Restoration, Defense-Wide 134
Environmental Restoration, Formerly Used Defense Sites 134
Overseas Humanitarian, Disaster, and Civic Aid 134
Humanitarian Assistance 134
Spend Plan 134
Cooperative Threat Reduction Account 135
Department of Defense Acquisition Workforce Development Account 135
TITLE III. PROCUREMENT 137
Reprogramming Guidance for Acquisition Accounts 139
(Including Base and Overseas Contingency Operations Funding) .....
Funding Increases 139
Procurement Special Interest Items 139
Autonomic Logistics Information System 139
Use of Advanced Procurement Funding 140
Aircraft Procurement, Army 141
CH–47F Chinook Block II 145
Degraded Visual Environment 145
Missile Procurement, Army 145
Procurement of Weapons and Tracked Combat Vehicles, Army 148
MK93 Machine Gun Mount 152
Procurement of Ammunition, Army 152
Sustainment of Munitions 156
Other Procurement, Army 156
High Mobility Multipurpose Wheeled Vehicles 166
Aircraft Procurement, Navy 166
F/A–18 E/F Super Hornet Production 174
V–22 Nacelle Improvement Program 174
Weapons Procurement, Navy 174
Procurement of Ammunition, Navy and Marine Corps 179
Shipbuilding and Conversion, Navy 182
TAO Fleet Oiler Program 185
Ship to Shore Connector 185
DDG–51 Multi Year Procurement 185
Other Procurement, Navy 186
Private Contracted Ship Maintenance 198
Explosive Ordnance Disposal Equipment 198
Procurement, Marine Corps 199
Automated Parts Screening and Selection Tool for Additive Manufacturing 205
Aircraft Procurement, Air Force 205
Open Skies Treaty and OC-135 Recapitalization 211
Battlefield Airborne Communication Node 211
LC–130H Aircraft 211
MQ–Next 212
F–15EX 212
C–130 Fleet Management Plan 213
Critical Infrastructure Investments 213
Missile Procurement, Air Force 213
Procurement of Ammunition, Air Force 217
Other Procurement, Air Force 220
Procurement, Space Force 225
Procurement, Defense-Wide 228
Chemical Biological Situational Awareness 234
Defense Production Act Purchases 234
TITLE IV. RESEARCH, DEVELOPMENT, TEST AND EVALUATION 235
Reprogramming Guidance for Acquisition Accounts 237
(Including Base and Overseas Contingency Operations Funding) .....
Funding Increases 237
Research, Development, Test and Evaluation Special Interest Items 237
Federally Funded Research and Development Centers 237
Human Performance Optimization Research 238
Research, Development, Test and Evaluation, Army 238
Shoulder Launched Munitions 254
Advanced Manufacturing Center of Excellence 254
Dengue Vaccine Development 254
Army Artificial Intelligence Innovation Institute 254

Page
Future Long-Range Assault Aircraft 254
Future Vertical Lift Sensor Payloads 255
Army Command Post 255
Armored Door Assist Systems 255
Research, Development, Test and Evaluation, Navy 255
Small Business Innovation Research Program 275
Underground Fuel Storage Tank Research 275
Advanced Tactical Unmanned Aircraft System 275
Infrared Telescope Technology 275
Anti-Corrosion Nanotechnology 275
Ocean Acoustics 276
Foreign Object Damage 276
Integrated Power and Energy Systems 276
Stern Tube Seals 276
Coastal Environmental Research 277
Navy Alternative Energy Research 277
Interference Mitigation Technology Test and Verification 277
Research, Development, Test and Evaluation, Air Force 277
Program Element Consolidation 293
Hypersonics Prototyping 293
Advanced Battle Management System 294
Minority Leaders Program 296
Skyborg and Low-Cost Attritable Aircraft Technology 296
Affordable Multi-Functional Aerospace Composites 296
Research, Development, Test and Evaluation, Space Force 296
Space Force Organization and Management 301
Next Generation Overhead Persistent Infrared 302
Overhead Persistent Infrared Enterprise Architecture 302
National Security Space Launch Program 302
Directed Energy Research Collaboration 303
Research, Development, Test and Evaluation, Defense-Wide 303
Hypersonic and Ballistic Tracking Space Sensor 318
Distributed Ledger Technology Research and Development 318
Artificial Intelligence Partnerships 318
PFOS/PFOA Remediation Technologies 318
5G Telecommunications Technology 319
Full-Scale Space Test Facilities 319
Ceramic-Matrix Composites for Hypersonics 319
Global Food Security 320
Cyber Education Collaboratives 320
Joint Hypersonics Transition Office 320
Mobile Microreactor Strategy 321
High Energy Laser Endless Magazines 321
Rapid, Accurate, and Affordable Biodetection System 321
Academic Hypersonic Research, Test and Evaluation Facilities 322
Artificial Intelligence Coordination 322
Women and Minorities in STEM Pipeline 322
Operational Test and Evaluation, Defense 323
TITLE V. REVOLVING AND MANAGEMENT FUNDS 325
Defense Working Capital Funds 325
Arsenal Security 325
Defense Counterintelligence and Security Agency Working Capital Fund 325
TITLE VI. OTHER DEPARTMENT OF DEFENSE PROGRAMS 327
Defense Health Program 327
Reprogramming Guidance for the Defense Health Program 332
(Including Base and Overseas Contingency Operations Funding) .....
Carryover 332
Peer-Reviewed Cancer Research Programs 332
Joint Warfighter Medical Research Program 333
Combat Readiness Medical Research Program 334
Electronic Health Records 334
Military Health System Transformation 335
Descoping Military Treatment Facilities 336
Reduction of Military Billets 337
Reporting on Medical Readiness 337
Metastatic Cancer Research 338
Pancreatic Cancer Early Detection 338

Page

Alcohol and Substance Use Disorders 339
Maintaining a Highly-Skilled Workforce in Medical Research 339
Sexual Assault and Post-Traumatic Stress Disorder 339
Traumatic Brain Injury 339
Nationwide Cancer Research at the Cancer Center at Walter Reed National Military Medical Center 340
Sleep Disorders 341
Tricare Prime Availability 341
Mental Health Professionals 341
Armed Forces Retirement Homes and the Defense Health Agency 341
Outdoor Recreation for Military Families 341
Peer-Reviewed Tickborne Disease Research 342
Biorepositories 342
Global Health Security Preparedness 342
Servicemembers and Veterans with Amyotrophic Lateral Sclerosis 342
Traumatic Injury 343
National Disaster Medical System Pilot 343
Collaboration with Minority Serving Health Institutions 344
Chemical Agents and Munitions Destruction, Defense 344
Drug Interdiction and Counter-Drug Activities, Defense 344
Drug Interdiction and Counter-Drug Activities 345
Office of the Inspector General 346
TITLE VII. RELATED AGENCIES 347
National and Military Intelligence Programs 347
Classified Annex 347
Central Intelligence Agency Retirement and Disability System Fund 347
Intelligence Community Management Account 347
TITLE VIII. GENERAL PROVISIONS 349
TITLE IX. OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM 359
Committee Recommendation 359
Reporting Requirements 359
Overseas Contingency Operations Justification Documents 360
Military Personnel 360
Operation and Maintenance 366
Guantanamo Bay Detention Facility 376
Commanders' Emergency Response Program 376
Efforts to Minimize Civilian Casualties 376
Ex Gratia Payments 376
Afghanistan Security Forces Fund 376
Counter-Isis Train and Equip Fund 378
Procurement 380
National Guard and Reserve Equipment Account 389
Research, Development, Test and Evaluation 389
Revolving and Management Funds 392
Defense Working Capital Funds 392
Other Department of Defense Programs 392
Defense Health Program 392
Office of the Inspector General 392
General Provisions 392
HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS 394
Statement of General Performance Goals and Objectives 394
Rescissions 394
Transfer of Funds 395
Earmark Disclosure Statement 397
Compliance with Rule XIII, Cl. 3(e) (Ramseyer Rule) 397
Changes in the Application of Existing Law 402
Appropriations Not Authorized By Law 415
Comparison with the Budget Resolution 416
Five-Year Outlay Projections 416
Financial Assistance to State and Local Governments 416
Program Duplication 416
Committee Hearings 417
Full Committee Votes 419

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JULY 16, 2020.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

Mr. VISCLOSKY of Indiana, from the Committee on Appropriations, submitted the following

R E P O R T

together with

MINORITY VIEWS

[To accompany H.R. 7617]

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, 2021.

BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2021. 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 2021 budget request for activities funded in the Department of Defense Appropriations Act totals $698,320,572,000 in new budget obligational authority.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel	142,446,067	150,524,104	149,355,652	+6,909,585	-1,168,452
Title II - Operation and Maintenance	199,415,415	196,630,496	196,703,001	-2,712,414	+72,505
Title III - Procurement	133,879,995	130,866,091	133,633,757	-246,238	+2,767,666
Title IV - Research, Development, Test and Evaluation	104,431,232	106,224,793	104,348,089	-83,143	-1,876,704
Title V - Revolving and Management Funds	1,564,211	1,348,910	1,348,910	-215,301	---
Title VI - Other Department of Defense Programs	36,316,176	34,720,940	35,321,321	-994,855	+600,381
Title VII - Related Agencies	1,070,000	1,177,000	1,133,728	+63,728	-43,272
Title VIII - General Provisions (net)	-3,803,211	276,000	-3,556,766	+246,445	-3,832,766
Title IX - Global War on Terrorism (GWOT)	70,665,000	68,650,238	68,435,000	-2,230,000	-215,238
Total, Department of Defense	698,341,963	690,418,572	686,722,692	-11,619,271	-3,695,880
Scorekeeping adjustments	7,858,815	8,416,000	8,416,000	+557,185	---
Total, mandatory and discretionary	706,200,778	698,834,572	695,138,692	-11,062,086	-3,695,880

COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2021 budget request and execution of appropriations for fiscal year 2020, the Subcommittee on Defense held ten hearings and one formal briefing during the period of February 2020 to March 2020. 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 2021 Department of Defense funding is $694,624,692,000, which is an increase of $1,294,992,000 above the fiscal year 2020 enacted level and a decrease of $3,695,880,000 below the budget request. The recommendation includes $626,189,692,000 in base funding and $68,435,000,000 for overseas contingency operations/global war on terrorism funding in title IX.

With this bill, the Committee has carried out its 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 the $694,624,692,000 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 2021 budget request and, prior to the ongoing public health crisis, held ten hearings with defense and intelligence community witnesses to evaluate the budget request.

While the Subcommittee was forced to truncate its hearing schedule, it has 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 programs that have been restructured since the budget was submitted, 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 2021 request for the Department of Defense increases funding for modernization, continuing the effort to reorient the focus of the Department from counterterrorism to preparing for a war with a technologically advanced and well-equipped peer or near-peer military. The Committee recommendation provides the resources to maintain the technological advantage which currently exists for the United States and provides funding in areas to further these efforts. However, the Committee recommendation also reflects the importance of the people who may fight these new battles and continue prosecuting existing missions.

The Committee recommendation includes funding for the three percent military pay raise. In the fiscal year 2020 request, the Committee was concerned by the reduction of funding in quality of life areas such as such as childcare, and ultimately increased funding for these programs in the enacted legislation. Once again, the

budget request proposes reductions in funding for childcare, as well as reductions in funding for teacher-student ratios for the Department of Defense Education Agency. The Committee is dismayed by the contradiction of the Department rhetorically supporting military families while continuing to reduce funding for the very programs on which they rely. Within the immense budget of the Department, quality of life programs must not be the bill payers for modernization.

Unfortunately, the cuts to quality of life programs are only one example of the Department's mismatch between its stated priorities and its fiscal actions. Another example is the continued use of defense funding to pay for the border wall. Two days after the Administration's release of the budget request for fiscal year 2021, the Secretary of Defense directed the reprogramming of $3,831,000,000 of fiscal year 2020 funds for the purpose of border wall construction. Neither fiscal year 2019 nor 2020 included requests from the Department of Defense for these activities. These funds, which were explicitly appropriated by Congress for the procurement of equipment for the Department of Defense, were redirected for the construction of additional physical barriers and roads along the southern border of the United States. In 2019, the amount transferred from the original appropriated Department of Defense funding accounts to the Army Corps of Engineers was $6,100,000,000. Due to what has become an annual occurrence for the Department to transfer funding and circumvent its use for purposes other than what the funding was appropriated for, the Committee's skepticism about the Defense budget has grown. Department leadership has claimed that three to five percent annual real growth in the defense budget is necessary to support the National Defense Strategy while transferring nearly $10,000,000,000 for non-defense activities not enumerated within the National Defense Strategy. The Committee condemns these decisions, as well as repeated requests for more flexibility within the budget structure and reprogramming authorities to increase the ability of the Department of Defense to realign funding among different activities, with or without seeking prior congressional approval. The granting of additional budget flexibility to the Department is based on the presumption that a state of trust and comity exists between the legislative and executive branches regarding the proper use of appropriated funds. This presumption presently is false.

In a continuing effort to circumvent the budget caps in the Budget Control Act, the Overseas Contingency Operations (OCO) request for fiscal year 2021 once again includes a total of $16,000,000,000 for base activities. The budget caps and firewall between defense and non-defense funding will cease to exist in fiscal year 2022. The Department recognizes this impending budget construct in its future years defense program with $20,000,000,000 projected in OCO budgets for fiscal years 2022 and 2023 and $10,000,000,000 for fiscal years 2024 and 2025. With the possibility of significantly fewer deployed American servicemembers in Afghanistan combined with more training exercises and less contingencies, activities funded in the past by OCO could very well be supported within base accounts in the future. For these reasons, the Committee believes that the Department should cease requesting funding for the OCO accounts following this fiscal year. The

traditional manner of funding contingency operations through supplementals should return. The OCO experiment has been an abject failure and has given the Department a budgetary relief valve that has allowed it to avoid making difficult decisions.

Finally, the Committee recommendation expresses concerns with various pilot programs, programs of record, the radical restructuring of military health care, and the lack of budget transparency. The lateness of reports directed by the Committee has become more common in fiscal year 2020 and reinforces the dismissive attitude toward oversight exhibited by the Department. The Department has repeatedly approached the expenditure of funding without regard to congressional intent or the purpose for which funding has been appropriated. Increasingly, the Department is moving away from a partnership with the Committee in providing for the common defense. The Department of Defense has benefitted from large budget increases since fiscal year 2017, and this budgetary growth has been accompanied by a decline in transparency and cooperation with Congress. When coupled with the Department's disturbing actions over the past two years to fund the border wall, the contravention of the constitutional authority of the United States Congress has now become habitual. The Committee finds this to be both unacceptable and unsustainable.

DEFINITION OF PROGRAM, PROJECT, AND ACTIVITY

For the purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99–177), as amended by the Balanced Budget and Emergency Deficit Control Reaffirmation Act of 1987 (Public Law 100–119), and by the Budget Enforcement Act of 1990 (Public Law 101–508), the terms "program, project, and activity" for appropriations contained in this Act shall be defined as the most specific level of budget items identified in the Department of Defense Appropriations Act, 2021, 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 2022, 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 2022.

REPROGRAMMING GUIDANCE FOR BASE AND OVERSEAS CONTINGENCY OPERATIONS FUNDING

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.

DESIGNATED CONGRESSIONAL SPECIAL INTEREST ITEMS

The Committee is concerned about the prevalence with which the Services and Defense agencies utilize congressional program increases to fund overhead costs within the Department of Defense. Increased program funding inherently requires an enhanced level of contracting, program management, and engineering costs. However, the Committee is dismayed that upwards of forty to fifty percent of certain congressional program increases have been applied towards full-time equivalents (FTE) and contracting costs to manage relatively small program increases. In some cases, the Committee has become aware of instances when FTE costs are charged to a congressional program increase when it is evident that those FTE do not work solely on that program, nor does the program require the level of FTE proposed by the Department.

It has become clear to the Committee that, in some cases, the Department is using congressional program increases to supplant budgeted overhead costs, which ultimately enables that budgeted funding to be used for Department activities not necessarily approved by the Committee. Therefore, the Committee directs the Secretary of Defense to limit Department overhead costs on congressional program increases to not more than 10 percent of the funding level provided. The Service Secretaries and the Under Secretary of Defense (Acquisition and Sustainment) may waive this requirement by submitting a prior approval request in writing to the House and Senate Appropriations Committees.

GENERAL TRANSFER AUTHORITY AND SPECIAL TRANSFER AUTHORITY

The Department of Defense, as part of the Executive Branch, has historically had a relationship with the Congress based on mutual trust, comity, professionalism, and a general desire to ensure the public good that is the defense of the United States and its interests. While the bounds of this relationship have been tested in the past, its tenets have not been blatantly forsaken until recently. Given the recent breach of trust embodied in the misuse of appropriated funds by the current Administration; the Congress, exercising its constitutional responsibility to oversee the Executive Branch, must improve its understanding of the Department's application of transfer authority and reprogramming actions as the Department executes the budget authority granted it by the Congress.

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 shall include the following:

1) The levels of General Transfer Authority (GTA)—granted in title VIII in annual defense appropriations acts—and Special Transfer Authority (STA)—granted in title IX in annual defense appropriations acts—provided to the Department of Defense by fiscal year for the last ten fiscal years. In addition to the overall levels of appropriated GTA and STA, the report shall include the portion of authorized GTA and STA that was utilized by the Department by fiscal year and specify the percentage of the total GTA and STA that was used for below threshold reprogramming actions;

2) The portion of GTA and STA, by fiscal year for the last ten fiscal years, used for reclassification purposes or to make technical corrections, where, via reprogramming, the Department was not proposing to change the purpose for which the funds were appropriated but was merely moving the funding to better reflect and obligate consistent with congressional intent;

3) The portion of GTA and STA, by fiscal year for the last ten fiscal years, appropriated to the Department of Defense, transferred to, and subsequently implemented by a Department or agency other than one funded in this Act;

4) The level of GTA and STA, by fiscal year for the last ten fiscal years, used for actions submitted to address urgent mission critical requirements, unforeseen circumstances of an urgent nature (such as the unanticipated mobilization and movement of military personnel to a conflict zone, or investments included in joint urgent operational needs statements), or for life safety; and

5) The portion of GTA and STA, by fiscal year for the last ten fiscal years, used to address non-mission critical contract awards, to fund initiatives or investments included in operational needs statements, to accelerate existing acquisition programs, to procure quantities of equipment and/or services originally planned for purchase in future years, and/or to augment previously planned research and development efforts.

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 $157,726,652,000 for active, reserve, and National Guard military personnel, a decrease of $1,168,452,000 below the budget request, and an increase of $7,463,770,000 above the fiscal year 2020 enacted level. The Committee recommendation provides full funding necessary to increase basic pay for all military personnel by three percent, as authorized by current law, effective January 1, 2021.

OPERATION AND MAINTENANCE

In title II of the bill, the Committee recommends a total of $196,703,001,000 for operation and maintenance support to the military Services and other Department of Defense entities, an increase of $72,505,000 above the budget request, and a decrease of $2,712,414,000 below the fiscal year 2020 enacted level. The recommended levels will fund robust operational training, readiness, and facilities needs in fiscal year 2021.

PROCUREMENT

In title III of the bill, the Committee recommends a total of $133,633,757,000 for procurement.

Major initiatives and modifications include:

$866,296,000 for the procurement of 42 UH/HH 60M Blackhawk helicopters, an increase of six helicopters designated for the National Guard;

$1,164,152,000 for the Stryker combat vehicle including $375,000,000 above the request to upgrade an additional 105 vehicles;

$792,027,000 for the procurement of 50 remanufactured AH 64 Apache helicopters;

$198,000,000 for the first five CH–47F Block II Chinook aircraft;

$1,020,389,000 for the upgrade of 89 Abrams tanks to the M1A2 SEPv3 tank variant;

$1,725,400,000 for the procurement of 24 F/A–18E/F Super Hornet aircraft;

$510,000,000 for the procurement of three P–8A Poseidon multimission aircraft for the Navy Reserve; an increase of three aircraft and $429,866,000 above the President's request;

$791,140,000 for the procurement of five E–2D Advanced Hawkeye aircraft, an increase of one aircraft and $165,031,000 above the President's request;

$1,142,732,000 for the procurement of 11 V–22 aircraft, an increase of two aircraft and $207,939,000 above the President's request;

$1,050,634,000 for the procurement of nine CH–53K helicopters, an increase of two aircraft and $237,310,000 above the President's request;

$577,638,000 for the procurement of five VH–92 executive helicopters; $9,254,291,000 for the procurement of 91 F–35 aircraft, an increase of $1,396,100,000 and 12 aircraft above the President's request: 10 short take-off and vertical landing variants for the Marine Corps, 21 carrier variants for the Navy and Marine Corps, and 60 conventional variants for the Air Force;

$22,157,938,000 for the procurement of nine Navy ships, including two DDG–51 guided missile destroyers, one Columbia class submarine, two SSN–774 attack submarines, one Frigate, one LPD–17 Flight II, and two Towing, Salvage, and Rescue Ships; a total increase of $2,355,181,000 and one SSN–774 above the President's request;

$1,242,247,000 for the procurement of 12 F–15EX aircraft;

$965,496,000 for the procurement of 11 C/MC/KC–130J aircraft, an increase of $184,574,000 and two C–130J aircraft above the President's request;

$343,600,000 for the procurement of 16 MQ–9 Reaper unmanned aerial vehicles, an increase of 16 aircraft above the President's request;

$2,707,380,000 for the procurement of 15 KC–46 tanker aircraft;

$1,083,909,000 for the procurement of 19 combat rescue helicopters;

$194,016,000 for the procurement of eight MH–139 helicopters;

$933,271,000 for the procurement of three space launch services;

$622,796,000 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 $104,348,089,000 for research, development, test and evaluation.

Major initiatives and modifications include:

$306,682,000 for the continued development of the Columbia class ballistic missile submarine;

$1,052,792,000 for the continued development of the precision strike weapons development program;

$256,970,000 for the continued development of the unmanned carrier aviation program;

$406,406,000 for the continued development of the CH–53K helicopter;

$1,717,223,000 for the continued development of the F–35 Lightning Joint Strike Fighter aircraft;

$2,848,410,000 for the continued development of the B–21 bomber;

$800,889,000 for the development of a Presidential Aircraft Replacement;

$513,501,000 for the design, build, and test of prototypes for the Army's Future Attack Reconnaissance Aircraft;

$811,417,000 for planning, prototype manufacturing, and testing of the Army's Long Range Hypersonic Weapon;

$420,963,000 for the Army's Extended Range Cannon Artillery (ERCA) modernization effort;

$560,978,000 for space launch services;

$258,496,000 for the Global Positioning System IIIF;

$481,999,000 for the Global Positioning System III Operational Control Segment;

$2,318,864,000 for the Next-Generation Overhead Persistent Infrared system;

$3,511,848,000 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 $33,297,902,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM REQUIREMENTS

In title IX of the bill, the Committee recommends a total of $68,435,000,000 for overseas contingency operations/global war on terrorism (OCO/GWOT) requirements.

Military Personnel: The Committee recommends a total of $4,602,593,000 for military personnel OCO/GWOT requirements in title IX of the bill.

Operation and Maintenance: The Committee recommends a total of $57,824,499,000 for operation and maintenance OCO/GWOT requirements in title IX of the bill.

Procurement: The Committee recommends a total of $6,473,543,000 for procurement OCO/GWOT requirements in title IX of the bill.

Research, Development, Test and Evaluation: The Committee recommends a total of $321,508,000 for research, development, test and evaluation OCO/GWOT requirements in title IX of the bill.

CIVILIAN CYBER WORKFORCE

The Committee recognizes that the Department of Defense has challenges hiring individuals with the necessary security clearances to work in the cyber environment 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 college 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 required to submit a report on Department-wide efforts to increase recruitment of cyber-focused individuals and to increase the throughput of security clearances to grow the number of approved requisite applicants as directed in House Report 116–84. The Committee understands the Department expects to develop an implementation plan and

provide an interim report by the end of September 2020. The Committee expects the Secretary of Defense to update the congressional defense committees with any changes to the anticipated date of completion for the implementation plan and interim report.

INITIATING OPERATIONS

The Committee is concerned about the lack of information the Department of Defense provides to the Congress prior to and after initiating new operations and has been disappointed with the timeliness and completeness of the reports the Department is required to provide about troop deployments and new named and unnamed operations. The Committee recommendation includes language in section 8131 to address this disconnect by requiring the Secretary of Defense to provide a report to the congressional defense committees within three days after such deployments. The language pertains to "significant" deployments; in this case, significant is defined as deployments of 100 personnel or more. The Committee recommendation includes language which allows for the report to include a classified annex, if necessary.

CORONAVIRUS DISEASE 2019

With the advent of the recent novel coronavirus pandemic, much has changed in the United States and across the world. The Coronavirus Disease 2019 (COVID–19) has impacted every aspect of society and the United States military and industrial base have not been immune from the pandemic. The Committee is grateful to the servicemembers and the civilians on the front lines fighting and protecting the American people against this disease.

The Committee has worked with the Department to determine the appropriate level of supplemental funding required to address unforeseen requirements facing the Department in response to COVID–19. As such, for fiscal year 2020, Congress provided the Department of Defense $82,000,000 in the Families First Coronavirus Response Act and $10,503,674,000 in the Coronavirus Aid, Relief, and Economic Security (CARES) Act.

The Committee appreciates the updates the Department has provided on the obligation and execution of these supplemental funds and understands there may be additional costs to address the pandemic in the future. Therefore, the Committee recommendation for fiscal year 2021 includes $758,000,000 in procurement for COVID–19 recovery for second, third, and fourth tier suppliers; $450,000,000 in operation and maintenance for COVID–19 recovery and resupply; and $150,000,000 in the Defense Health Program for COVID–19 response. The Committee directs the Secretary of Defense and the Service Secretaries to provide quarterly updates to the congressional defense committees, beginning October 20, 2020, on COVID–19-related expenses incurred in the previous quarter. The report shall include a breakout of obligations by account, budget activity, and sub-activity; and the number of personnel deployed to assist in mitigation efforts. The Committee also understands COVID–19 has caused schedule delays in several programs and in some cases has adversely impacted the Department's ability to execute funding. Therefore, due to the lack of historical data or metrics to accurately project when funds may obligate or when schedules may resume, the report shall include any savings the De-

partment and Services may attain through delayed or cancelled events or activities, such as training, exercises, or deployments.

Related to the defense industrial base (DIB), the CARES Act included funding for the Defense Production Act (DPA) of 1950, which provides a broad set of authorities to ensure that domestic industry can meet national defense requirements. Of the amounts appropriated to the Department of Defense, $1,000,000,000 was provided for DPA to prevent, prepare for, and respond to coronavirus, domestically or internationally. While the Department plans to execute a portion of that funding for personal protective equipment (PPE) as intended by Congress, most of the funds will be used to address the impact of COVID–19 on the DIB, which was not the original intent of the funds. The Department's own estimates indicate that the total domestic consumption of N95 masks is as high as 3,300,000,000. The Committee's expectation was that the Department would address the need for PPE industrial capacity rather than execute the funding for the DIB. Furthermore, the Department plans to execute $100,000,000 of CARES Act DPA funding to make loans to private companies which has not been done for several decades under the DPA. The Committee is concerned that this funding will not support increased medical supply production, as intended by the additional CARES Act funding. The Committee recommends $191,931,000 in this Act to support DPA activities to expand production capacity and supply and to incentivize the domestic industrial base to grow the production and supply of critical materials and goods. The recommendation does not include additional DPA funding to support COVID–19 efforts.

Beyond the obligation and expenditure reports, leaders across the Department of Defense have made an effort to keep the Committee informed on the impacts of COVID–19. While the Committee appreciates the level of engagement on the Department's efforts to respond to COVID–19, the Department's planning and preparation for such a health emergency is of concern. Despite having longstanding policies and plans for pandemic response, it is unclear if these have been effective. For example, the Department of Defense Instruction on the National Disaster Medical System (NDMS) is in place to guide the Department in responding to or providing assistance during other disasters, but little mention of the NDMS has been made in responding to COVID–19, and it is unclear what role, if any, the NDMS has had. The Secretary of Defense must capture lessons learned from this pandemic and update policy and planning documents to ensure that the most relevant and actionable instructions are published and updated for future health emergencies.

It is also concerning that the Department continues to move forward with the most significant medical restructuring of the Military Health System in decades. Prior to the pandemic, the Committee expressed concerns about the Department's plans to shed medical military billets and descope military treatment facilities (MTFs), and those concerns are more acute now. The Committee recommendation denies the Department's fiscal year 2021 request of $334,613,000 to replace uniformed medical providers with civilians or contractors, and restores $36,260,000 for the Department to continue supporting MTFs that had been proposed to be descoped.

Lastly, the COVID–19 global pandemic has exposed vulnerabilities in America's ability to prevent, prepare for, and re-

spond to future pandemics. For example, the Committee is aware of 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 encourages 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.

As the Committee's fiscal year 2021 recommendation is written in the pandemic's midst, the Committee notes that, in just a few months, COVID–19 has claimed more American lives than were lost during World War I. The economic destruction is stark enough to draw comparisons to the Great Depression of the 1930s. Only time will tell what ultimate damage will be done, but the Committee will not waiver in its support for the men and women in uniform as well as civilians working to protect the United States from this or any other enemy.

DOMESTIC MANUFACTURING REQUIREMENTS FOR NAVY SHIPBUILDING

The Committee consistently has expressed its concern with the Department of the Navy sourcing surface ship components from foreign industry partners rather than promoting a robust domestic industrial base. To address these concerns, the Committee retains several provisions from fiscal year 2020 and a new provision that expands the domestic manufacturing requirement for several classes of ships under development. Absent stringent contract requirements in these future surface ship classes, the Committee lacks confidence that the Navy will make the necessary decisions and provide the required resources to support a robust domestic industrial base.

LITTORAL COMBAT SHIP DECOMMISSIONS

The Committee is concerned with the Navy's proposal to decommission the first four Littoral Combat Ships well before the end of their service lives. The Navy continues to assert a goal of 355 ships, even though annual budget requests do not support this position. Additionally, the Committee believes it is shortsighted for the Navy to always procure new ships, rather than effectively maintaining and upgrading the ships currently in the Navy's inventory. Therefore, the Committee recommendation includes a provision which prohibits the use of funds for the purpose of decommissioning any Littoral Combat Ships.

The Committee is also concerned with the lack of a United States naval ship presence in Central and South America and believes that Littoral Combat Ships could be effective for the missions required in the Southern Command area of responsibility. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 30 days after the enactment of this Act on what upgrades would be required for these ships to effectively conduct operations in the Southern Command area of responsibility.

COMPLIANCE WITH CONGRESSIONALLY DIRECTED REPORTS

The Committee is concerned the Department of Defense consistently does not comply with many of the reporting requirements contained in prior Department of Defense Appropriations Acts. Such reports are often submitted beyond the deadline or, in some cases, not at all. These reports are essential to the Committee's ability to carry out its legislative and oversight responsibilities. The Committee encourages the Secretary of Defense to review the Department's processes with respect to such requirements and make management changes necessary for the Department to submit these reports in a complete and timely manner.

BUY AMERICA AND THE BERRY AMENDMENT

The Committee supports the Berry Amendment which promotes the purchase of goods that are produced in the United States and requires the Department of Defense to purchase items such as fabrics, textiles, clothing, food, and hand tools from domestic sources. The importance of this requirement is underscored by the COVID–19 pandemic and the need to ensure domestic production of personal protective equipment. The purchase of noncompliant items may result in a violation of the Antideficiency Act. The Berry Amendment applies unless acquisitions are at or below the simplified acquisition threshold, there is a domestic non-availability determination, or an exception of compliance applies. Requests for a waiver to the Berry Amendment based on national security interests may be submitted to the Under Secretary of Defense (Acquisition and Sustainment). However, a listing of the waivers received, and the determination decisions of those waivers has not been shared with the Committee, and a reporting mechanism has not been established. Therefore, the Committee directs the Under Secretary of Defense (Acquisition and Sustainment) to submit a report to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act and quarterly thereafter, which includes all Berry amendment waiver requests submitted during the previous quarter and the determination of each waiver request. The report shall include, at a minimum, the Service or defense-wide account impacted, the date of the decision, and the reasons for approval or denial of the waiver request.

RENAMING INSTITUTIONS

The Committee directs the Secretary of Defense, in conjunction with the Service Secretaries, not later than one year after the enactment of this Act to:

1) complete the renaming process of any military installation (as defined in section 2801(c) of title 10, United States Code) or real property, that is currently named after any person who served in the political or military leadership of any armed rebellion against the United States;

2) commence the renaming of each covered military installation and covered defense property; and

3) provide a report to the congressional defense committees that includes a detailed description of the process to be used by the respective Service Secretary to develop a list of potential names for renaming covered military installations and covered

defense property; and an explanation regarding whether or not the respective Service Secretary established, or will establish, an advisory panel to support the review process to make recommendations to the respective Secretary. If the respective Secretary has established, or will establish, an advisory panel, the report shall include the names and positions of the individuals who will serve on the advisory panel.

If the Secretary of Defense, in conjunction with the relevant Service Secretaries, creates advisory panels to assist in the renaming process, the advisory panels shall consist of military leadership from covered military installations; military leadership from military installations containing covered defense property; state leaders and leaders of the locality in which a covered military installation or covered defense property is located; representatives from military museums, military historians, or relevant historians from the impacted states and localities with relevant expertise; and community civil rights leaders.

The Committee is certain the necessary funds exist in the budget to effect these changes with sufficient haste.

LAW ENFORCEMENT TRAINING

The Committee notes that the Commerce, Justice, Science, and Related Agencies Appropriations Act, 2021 directs the Attorney General to establish a training program to cover the use of force and de-escalation, racial profiling, implicit bias, and procedural justice, to include training on the duty of federal law enforcement officers to intervene in cases where another law enforcement officer is using excessive force, and make such training a requirement for federal law enforcement officers. The Committee further notes that each of the Services, the civilian entities that provide security, and the Pentagon Force Protection Agency (PFPA) funded by this Act are considered federal law enforcement officers and Federal Law Enforcement Training Centers partner organizations. The Committee directs the Secretary of Defense, the Service Secretaries, the civilian entities, and the PFPA to adopt and follow the training program established by the Attorney General, and to make such training a requirement for its federal law enforcement officers and any contractors providing security. The Committee further directs the Secretary of Defense, the Service Secretaries, and the PFPA to brief the House and the Senate Appropriations Committees on their efforts relating to training not later than 90 days after the Attorney General has established such a training program.

In addition, the Committee directs the Service Secretaries, the civilian entities, and the PFPA, to the extent that each have not already done so, to develop policies and procedures to submit their use of force data to the Federal Bureau of Investigation (FBI)'s National Use of Force Data Collection database. The Committee further directs the Secretary of Defense and the Service Secretaries to brief the House and the Senate Appropriations Committees not later than 90 days after the enactment of this Act on their current efforts to tabulate and submit its use of force data to the FBI.

TITLE I

MILITARY PERSONNEL

The fiscal year 2021 Department of Defense military personnel budget request totals $158,895,104,000. The Committee recommendation provides $157,726,652,000 for the military personnel accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RECAPITULATION			
MILITARY PERSONNEL, ARMY	45,087,813	44,936,603	-151,210
MILITARY PERSONNEL, NAVY	33,892,369	33,757,999	-134,370
MILITARY PERSONNEL, MARINE CORPS	14,840,871	14,534,551	-306,320
MILITARY PERSONNEL, AIR FORCE	32,901,670	32,675,965	-225,705
RESERVE PERSONNEL, ARMY	5,106,956	5,025,216	-81,740
RESERVE PERSONNEL, NAVY	2,240,710	2,223,690	-17,020
RESERVE PERSONNEL, MARINE CORPS	868,694	857,394	-11,300
RESERVE PERSONNEL, AIR FORCE	2,207,823	2,179,763	-28,060
NATIONAL GUARD PERSONNEL, ARMY	8,830,111	8,639,005	-191,106
NATIONAL GUARD PERSONNEL, AIR FORCE	4,547,087	4,525,466	-21,621
GRAND TOTAL, TITLE I, MILITARY PERSONNEL	150,524,104	149,355,652	-1,168,452
GRAND TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	8,372,741	8,371,000	-1,741
GRAND TOTAL, MILITARY PERSONNEL	158,896,845	157,726,652	-1,170,193

MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides $157,726,652,000 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 3 percent as authorized by current law, effective January 1, 2021. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2021. 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 2021 budget request includes an increase of 12,000 in total end strength for the active forces and an increase of 1,200 in total end strength for the Selected Reserve as compared to the fiscal year 2020 authorized levels. 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 2020 authorized	1,339,500
Fiscal year 2021 budget request	1,351,500
Fiscal year 2021 recommendation	1,351,500
Compared with fiscal year 2020	12,000
Compared with fiscal year 2021 budget request	– – –

OVERALL SELECTED RESERVE END STRENGTH

Fiscal year 2020 authorized	800,800
Fiscal year 2021 budget request	802,000
Fiscal year 2021 recommendation	802,000
Compared with fiscal year 2020	1,200
Compared with fiscal year 2021 budget request	– – –

SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal year 2020 authorized	Fiscal year 2021			
		Budget Request	Committee Recommended	Change from request	Change from fiscal year 2020
Active Forces (End Strength)					
Army	480,000	485,900	485,900	– – –	5,900
Navy	340,500	347,800	347,800	– – –	7,300
Marine Corps	186,200	184,100	184,100	– – –	−2,100
Air Force	332,800	333,700	333,700	– – –	900
Total, Active Forces	1,339,500	1,351,500	1,351,500	– – –	12,000
Guard and Reserve Forces (End Strength)					
Army Reserve	189,500	189,800	189,800	– – –	300
Navy Reserve	59,000	58,800	58,800	– – –	−200
Marine Corps Reserve	38,500	38,500	38,500	– – –	0
Air Force Reserve	70,100	70,300	70,300	– – –	200
Army National Guard	336,000	336,500	336,500	– – –	500
Air National Guard	107,700	108,100	108,100	– – –	400
Total, Selected Reserve	800,800	802,000	802,000	– – –	1,200
Total, Military Personnel	2,140,300	2,153,500	2,153,500	0	13,200

REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL ACCOUNTS

(INCLUDING BASE AND OVERSEAS CONTINGENCY OPERATIONS FUNDING)

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2021 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.

RECOGNIZING DIVERSITY IN THE MILITARY

The Committee believes that the Department of Defense should recognize diversity in the military and ensure that the entertainment and publishing industries accurately depict this reality. The Committee encourages the Secretary of Defense to work with the production and publishing companies to which the Department provides consultation services to ensure an accurate portrayal of diversity in the military. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act that details the production and publishing companies the Department worked with in fiscal year 2020, with an accounting of the diversity of the film set for all workers broken down by "above-the-line" workers including but not limited to the directors, producers, and actors, as well as the "below-the-line" workers like set designers, camera operators, and sound engineers. This data shall be presented in a disaggregated manner by race, ethnicity, and gender to provide a clear depiction of diversity on set.

CULTURAL SENSITIVITY TRAINING

The Committee recognizes that the Department of Defense and the military Services have multiple cultural sensitivity training programs for military personnel and is concerned that the fiscal year 2021 budget request reduces funding for some of these important programs. 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.

SEXUAL ASSAULT PREVENTION AND RESPONSE

The Committee is troubled by the ongoing epidemic of sexual assault in the military and at the Service academies and believes that this will persist until a change in culture occurs across all Services at every level. The Department of Defense provides an annual report to Congress which provides details on sexual assaults involving servicemembers. However, the most recent report's findings make it clear that more action by the Department is necessary to combat this widespread problem. In addition to the annual report, the Committee directs the Director of the Department of Defense Sexual Assault Prevention and Response Office (SAPRO) to brief the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act and quarterly thereafter, on the initiatives the Department is implementing to reform how the military prevents, responds to, and adjudicates sexual assault cases, as well as the efforts underway to develop robust research, evaluation, and analytics to assess the effectiveness of its prevention efforts.

The Committee recognizes SAPRO's efforts to implement a comprehensive policy to ensure the safety, dignity and well-being of all members of the military. Despite seeing promising outcomes from some newly implemented SAPRO programs, the most recent Department report from 2019 on the prevalence of sexual assault in the military is disturbing. The report found the number of sexual assaults in the military rose by 38 percent from 2016 to 2018 with roughly 20,500 servicemembers experiencing sexual assault, up from an estimated 14,900 in 2016. The report also found the sexual assault rate for women jumped a shocking 50 percent. While the Department touts increased reporting as a measure of success, only a third of all sexual assaults in the military were reported according to the 2019 report. Despite these dire findings and rhetoric from leadership in the Department and the Services, the budget for sexual assault prevention and response remains stagnant. The fiscal year 2021 budget proposes to cut funding for SAPRO by $5,000,000 at the Department level. The Committee is appalled by the Department's failure to prioritize funding to address the systemic cultural problems associated with sexual assault in the military and the Service academies.

The Department of Defense has failed to address the sexual assault crisis and failed to protect the men and women who serve every day in the United States military. Sexual assault remains the most underreported crime in the military. The Department's 2019 report on sexual assault in the military found only one third of sexual assaults were reported and of the women who did report 43 percent said they had a negative experience doing so. Still, the Department remains resistant to reforming how sexual assault is reported, requiring sexual assault victims to report to an internal entity to receive health care access or to the command to be referred to military law enforcement. Neither option relieves the victim of fear of reprisal or stigma, nor does it offer the victim much hope for justice or recourse. Of the roughly 6,000 unrestricted reports referred to command only 300 were prosecuted, according to the report.

The Committee believes the current SAPRO reporting policy fails servicemembers, diminishes military readiness, and harms recruitment and retention efforts. The Committee directs the Comptroller General to conduct a review of the Department's policy for reporting sexual assault and its effectiveness in protecting victims' privacy, ensuring their safety, and holding offenders accountable. The Committee directs the Comptroller General to brief the House and Senate Appropriations Committees on its preliminary findings not later than 90 days after the enactment of this Act and to provide a full report to the same Committees at a date agreed upon at the time of the preliminary briefing.

In recent years, Congress has given the Services numerous new tools and responsibilities to improve the military justice system. In particular, the Special Victims' Counsel program was created to provide sexual assault survivors with attorneys to represent their interests in criminal proceedings. The program has proved so critical and successful that it was expanded to serve survivors of domestic violence in the National Defense Authorization Act for Fiscal Year 2020. Despite the inherent importance of the Special Victims' Counsel program and the growing caseload of Special Victim Advocates, the Department fails to request dedicated funding in its annual budget request. Although the Services have taken the role of the Special Victims' Counsel program seriously, the Committee is disappointed by the Department's apparent apathy towards providing adequate funding to sustain a longstanding program.

The Committee recommends $282,934,000, an increase of $5,000,000 above the budget request, for sexual assault prevention and response programs at the Department and Service levels and provides an additional $40,000,000 for the Department of Defense SAPRO for the Special Victims' Counsel program for transfer to the Services, including the National Guard and reserve components.

SUICIDE PREVENTION AND OUTREACH

The Committee is alarmed by the growing number of suicides among servicemembers. The Department's first Annual Suicide Report, released in 2019, found a statistically significant increase in the military's suicide rate among active duty servicemembers. The report found in just five years the rate of suicide rose by more than one-third, from 18.5 to 24.8 suicides per 100,000 active duty members.

For the National Guard, the report found the rate of suicide was statistically higher than that of the American population at 30.6 suicides per 100,000 members of the National Guard regardless of duty status. The Committee recognizes that programs like the National Guard Bureau's national counseling and suicide prevention peer-to-peer outreach programs are vital to reducing the number of suicides among guardsmen. The Committee encourages the Chief of the National Guard Bureau to continue supporting such programs.

The Committee acknowledges the Defense Suicide Prevention Office's (DSPO) hard work and dedication to advance holistic, data-driven suicide prevention through its partnership with the Services. However, the most recent report emphasizes the need for a more dedicated response to address the troubling rise of suicide among servicemembers. Despite statements by the Secretary of De-

fense that the military, "has the means and the resources to get ahead of this and do better than our civilian counterparts," the Department's investment in DSPO is negligible at best. The budget for staffing and programming of DSPO has remained flat despite the uptick in suicides among servicemembers. Instead of seeking to expand resources available to the Services, the Department has prioritized finding nominal cuts through the Defense-Wide Review for this office. The Committee is disappointed by the Department's failure to prioritize appropriate resources for DSPO and invest in efforts to understand the efficacy and effectiveness of its own suicide prevention programs.

In addition to the Annual Suicide Report, the Committee directs the Director of the DSPO to brief the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act and quarterly thereafter, on the initiatives the Department is implementing to prevent military suicide, as well as the efforts underway to develop robust research, evaluation, and analytics to assess the effectiveness of its prevention efforts.

Further, 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 monthly thereafter, a report on suicide among members of the armed forces. The report shall provide the number of suicides, attempted suicides, and occurrences of suicidal ideation involving a member of the armed forces, including the reserve components. The report shall include the gender, age, rank, and method of suicide for each.

MILITARY PERSONNEL, ARMY

Fiscal year 2020 appropriation	$42,746,972,000
Fiscal year 2021 budget request	45,087,813,000
Committee recommendation	44,936,603,000
Change from budget request	−151,210,000

The Committee recommends an appropriation of $44,936,603,000 for Military Personnel, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
50	MILITARY PERSONNEL, ARMY			
100	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
150	BASIC PAY	7,718,303	7,718,303	---
200	RETIRED PAY ACCRUAL	2,686,055	2,686,055	---
220	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	97,203	97,203	---
250	BASIC ALLOWANCE FOR HOUSING	2,236,517	2,236,517	---
300	BASIC ALLOWANCE FOR SUBSISTENCE	294,761	294,761	---
350	INCENTIVE PAYS	92,859	92,859	---
400	SPECIAL PAYS	375,286	375,286	---
450	ALLOWANCES	183,299	183,299	---
500	SEPARATION PAY	67,499	67,499	---
550	SOCIAL SECURITY TAX	588,377	588,377	---
600	TOTAL, BUDGET ACTIVITY 1	14,340,159	14,340,159	---
650	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
700	BASIC PAY	14,202,907	14,202,907	---
750	RETIRED PAY ACCRUAL	4,949,153	4,949,153	---
770	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	123,092	123,092	---
800	BASIC ALLOWANCE FOR HOUSING	4,740,859	4,740,859	---
850	INCENTIVE PAYS	87,963	87,963	---
900	SPECIAL PAYS	883,084	883,084	---
950	ALLOWANCES	712,600	712,600	---
1000	SEPARATION PAY	303,910	303,910	---
1050	SOCIAL SECURITY TAX	1,086,522	1,086,522	---
1100	TOTAL, BUDGET ACTIVITY 2	27,090,090	27,090,090	---
1150	ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
1200	ACADEMY CADETS	93,453	93,453	---
1250	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
1300	BASIC ALLOWANCE FOR SUBSISTENCE	1,283,616	1,283,616	---
1350	SUBSISTENCE-IN-KIND	653,596	653,596	---
1400	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	12	12	---
1450	TOTAL, BUDGET ACTIVITY 4	1,937,224	1,937,224	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
1500 ACTIVITY 5: PERMANENT CHANGE OF STATION			
1550 ACCESSION TRAVEL	146,226	146,226	---
1600 TRAINING TRAVEL	160,046	160,046	---
1650 OPERATIONAL TRAVEL	440,920	440,920	---
1700 ROTATIONAL TRAVEL	691,296	691,296	---
1750 SEPARATION TRAVEL	238,612	238,612	---
1800 TRAVEL OF ORGANIZED UNITS	1,747	1,747	---
1850 NON-TEMPORARY STORAGE	8,592	8,592	---
1900 TEMPORARY LODGING EXPENSE	38,508	38,508	---
1950 TOTAL, BUDGET ACTIVITY 5	1,725,947	1,725,947	---
2000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
2050 APPREHENSION OF MILITARY DESERTERS	253	253	---
2100 INTEREST ON UNIFORMED SERVICES SAVINGS	79	79	---
2150 DEATH GRATUITIES	41,400	41,400	---
2200 UNEMPLOYMENT BENEFITS	27,904	27,904	---
2250 EDUCATION BENEFITS	36	36	---
2300 ADOPTION EXPENSES	603	603	---
2350 TRANSPORTATION SUBSIDY	13,390	13,390	---
2400 PARTIAL DISLOCATION ALLOWANCE	112	112	---
2450 RESERVE OFFICERS TRAINING CORPS (ROTC)	107,570	107,570	---
2500 JUNIOR ROTC	30,409	30,409	---
2550 TOTAL, BUDGET ACTIVITY 6	221,756	221,756	---
2600 LESS REIMBURSABLES	-320,816	-320,816	---
2650 UNDISTRIBUTED ADJUSTMENT	---	-151,210	-151,210
6300 TOTAL, TITLE I, MILITARY PERSONNEL, ARMY	45,087,813	44,936,603	-151,210
6310 TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	2,350,780	1,673,000	-677,780
6350 TOTAL, MILITARY PERSONNEL, ARMY	47,438,593	46,609,603	-828,990

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-151,210**	**-151,210**
Historical unobligated balances		-151,210	

MILITARY PERSONNEL, NAVY

Fiscal year 2020 appropriation	$31,710,431,000
Fiscal year 2021 budget request	33,892,369,000
Committee recommendation	33,757,999,000
Change from budget request	−134,370,000

The Committee recommends an appropriation of $33,757,999,000 for Military Personnel, Navy which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
6400 MILITARY PERSONNEL, NAVY			
6450 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
6500 BASIC PAY	4,717,199	4,717,199	---
6550 RETIRED PAY ACCRUAL	1,643,356	1,643,356	---
6560 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	76,465	76,465	---
6600 BASIC ALLOWANCE FOR HOUSING	1,682,998	1,682,998	---
6650 BASIC ALLOWANCE FOR SUBSISTENCE	176,042	176,042	---
6700 INCENTIVE PAYS	167,340	167,340	---
6750 SPECIAL PAYS	450,429	450,429	---
6800 ALLOWANCES	104,074	104,074	---
6850 SEPARATION PAY	39,298	39,298	---
6900 SOCIAL SECURITY TAX	359,783	359,783	---
6950 TOTAL, BUDGET ACTIVITY 1	9,416,984	9,416,984	---
7000 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
7050 BASIC PAY	10,756,652	10,756,652	---
7100 RETIRED PAY ACCRUAL	3,751,728	3,751,728	---
7120 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	129,326	129,326	---
7150 BASIC ALLOWANCE FOR HOUSING	5,110,991	5,110,991	---
7200 INCENTIVE PAYS	112,674	112,674	---
7250 SPECIAL PAYS	1,072,415	1,062,415	-10,000
7300 ALLOWANCES	553,063	553,063	---
7350 SEPARATION PAY	86,697	86,697	---
7400 SOCIAL SECURITY TAX	822,884	822,884	---
7450 TOTAL, BUDGET ACTIVITY 2	22,396,430	22,386,430	-10,000
7500 ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN			
7550 MIDSHIPMEN	87,021	87,021	---
7600 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
7650 BASIC ALLOWANCE FOR SUBSISTENCE	888,820	888,820	---
7700 SUBSISTENCE-IN-KIND	438,551	438,551	---
7750 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	5	5	---
7800 TOTAL, BUDGET ACTIVITY 4	1,327,376	1,327,376	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
7850	ACTIVITY 5: PERMANENT CHANGE OF STATION			
7900	ACCESSION TRAVEL	108,471	108,471	---
7950	TRAINING TRAVEL	88,092	88,092	---
8000	OPERATIONAL TRAVEL	274,131	274,131	---
8050	ROTATIONAL TRAVEL	323,056	323,056	---
8100	SEPARATION TRAVEL	130,324	130,324	---
8150	TRAVEL OF ORGANIZED UNITS	28,668	28,668	---
8200	NON-TEMPORARY STORAGE	15,647	15,647	---
8250	TEMPORARY LODGING EXPENSE	20,926	20,926	---
8350	TOTAL, BUDGET ACTIVITY 5	989,315	989,315	---
8400	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
8450	APPREHENSION OF MILITARY DESERTERS	43	43	---
8500	INTEREST ON UNIFORMED SERVICES SAVINGS	1,277	1,277	---
8550	DEATH GRATUITIES	24,800	24,800	---
8600	UNEMPLOYMENT BENEFITS	16,202	16,202	---
8650	EDUCATION BENEFITS	5,221	5,221	---
8700	ADOPTION EXPENSES	194	194	---
8750	TRANSPORTATION SUBSIDY	4,643	4,643	---
8800	PARTIAL DISLOCATION ALLOWANCE	34	34	---
8900	RESERVE OFFICERS TRAINING CORPS (ROTC)	22,896	22,896	---
8950	JUNIOR ROTC	15,533	15,533	---
9000	TOTAL, BUDGET ACTIVITY 6	90,843	90,843	---
9050	LESS REIMBURSABLES	-415,600	-415,600	---
9100	UNDISTRIBUTED ADJUSTMENT	---	-124,370	-124,370
11000	TOTAL, TITLE I, MILITARY PERSONNEL, NAVY	33,892,369	33,757,999	-134,370
11010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	1,672,942	905,000	-767,942
11050	TOTAL, MILITARY PERSONNEL, NAVY	35,565,311	34,662,999	-902,312

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
SPECIAL PAYS	1,072,415	1,062,415	-10,000
Excess growth		-10,000	
UNDISTRIBUTED ADJUSTMENTS		-124,370	-124,370
Projected overestimation of average strength		-20,000	
Historical unobligated balances		-104,370	

CYBERSECURITY PROFESSIONALS

The Committee notes the importance of cybersecurity programs for the advancement of cybersecurity professionals in the Department of Defense. The Committee encourages the Secretary of the Navy to work with higher education institutions, including Historically Black Colleges and Universities, Hispanic Serving Institutions, and other Minority Serving Institutions, to develop programs for Navy Reserve Officer Training Corps midshipmen to prepare more students in critical cybersecurity skillsets.

MILITARY PERSONNEL, MARINE CORPS

Fiscal year 2020 appropriation	$14,098,666,000
Fiscal year 2021 budget request	14,840,871,000
Committee recommendation	14,534,551,000
Change from budget request	−306,320,000

The Committee recommends an appropriation of $14,534,551,000 for Military Personnel, Marine Corps which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
12000 MILITARY PERSONNEL, MARINE CORPS			
12050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
12100 BASIC PAY	1,777,306	1,777,306	---
12150 RETIRED PAY ACCRUAL	619,614	619,614	---
12170 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	37,597	37,597	---
12200 BASIC ALLOWANCE FOR HOUSING	579,290	579,290	---
12250 BASIC ALLOWANCE FOR SUBSISTENCE	68,427	68,427	---
12300 INCENTIVE PAYS	52,065	52,065	---
12350 SPECIAL PAYS	5,609	5,609	---
12400 ALLOWANCES	38,083	38,083	---
12450 SEPARATION PAY	21,991	21,991	---
12500 SOCIAL SECURITY TAX	133,108	133,108	---
12550 TOTAL, BUDGET ACTIVITY 1	3,333,090	3,333,090	---
12600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
12650 BASIC PAY	5,479,139	5,479,139	---
12700 RETIRED PAY ACCRUAL	1,908,158	1,908,158	---
12720 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	147,368	147,368	---
12750 BASIC ALLOWANCE FOR HOUSING	1,711,770	1,711,770	---
12800 INCENTIVE PAYS	8,354	8,354	---
12850 SPECIAL PAYS	200,417	200,417	---
12900 ALLOWANCES	293,563	293,563	---
12950 SEPARATION PAY	93,052	93,052	---
13000 SOCIAL SECURITY TAX	418,564	418,564	---
13050 TOTAL, BUDGET ACTIVITY 2	10,260,385	10,260,385	---
13100 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
13150 BASIC ALLOWANCE FOR SUBSISTENCE	422,455	422,455	---
13200 SUBSISTENCE-IN-KIND	383,725	383,725	---
13250 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	10	10	---
13300 TOTAL, BUDGET ACTIVITY 4	806,190	806,190	---
13350 ACTIVITY 5: PERMANENT CHANGE OF STATION			
13400 ACCESSION TRAVEL	50,440	50,440	---
13450 TRAINING TRAVEL	14,824	14,824	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
13500	OPERATIONAL TRAVEL	156,014	156,014	---
13550	ROTATIONAL TRAVEL	119,306	119,306	---
13600	SEPARATION TRAVEL	83,046	83,046	---
13650	TRAVEL OF ORGANIZED UNITS	632	632	---
13700	NON-TEMPORARY STORAGE	7,191	7,191	---
13750	TEMPORARY LODGING EXPENSE	5,172	5,172	---
13850	TOTAL, BUDGET ACTIVITY 5	436,625	436,625	---
13900	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
13950	APPREHENSION OF MILITARY DESERTERS	278	278	---
14000	INTEREST ON UNIFORMED SERVICES SAVINGS	19	19	---
14050	DEATH GRATUITIES	13,500	13,500	---
14100	UNEMPLOYMENT BENEFITS	8,324	8,324	---
14150	EDUCATION BENEFITS	142	142	---
14200	ADOPTION EXPENSES	140	140	---
14250	TRANSPORTATION SUBSIDY	1,568	1,568	---
14300	PARTIAL DISLOCATION ALLOWANCE	22	22	---
14350	SGLI EXTRA HAZARD PAYMENTS	2,134	2,134	---
14400	JUNIOR ROTC	3,928	3,928	---
14450	TOTAL, BUDGET ACTIVITY 6	30,055	30,055	---
14500	LESS REIMBURSABLES	-25,474	-25,474	---
14600	UNDISTRIBUTED ADJUSTMENT	---	-306,320	-306,320
16000	TOTAL, TITLE I, MILITARY PERSONNEL, MARINE CORPS	14,840,871	14,534,551	-306,320
16010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	905,378	146,000	-759,378
16050	TOTAL, MILITARY PERSONNEL, MARINE CORPS	15,746,249	14,680,551	-1,065,698

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENTS		**-306,230**	**-306,230**
Projected overestimation of average strength		-10,000	
Historical unobligated balances		-86,230	
Revised budget estimate		-210,000	

MILITARY PERSONNEL, AIR FORCE

Fiscal year 2020 appropriation	$31,239,149,000
Fiscal year 2021 budget request	32,901,670,000
Committee recommendation	32,675,965,000
Change from budget request	−225,705,000

The Committee recommends an appropriation of $32,675,965,000 for Military Personnel, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
17000 MILITARY PERSONNEL, AIR FORCE			
17050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
17100 BASIC PAY	5,641,144	5,641,144	---
17150 RETIRED PAY ACCRUAL	1,956,196	1,956,196	---
17170 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	87,627	87,627	---
17200 BASIC ALLOWANCE FOR HOUSING	1,661,550	1,661,550	---
17250 BASIC ALLOWANCE FOR SUBSISTENCE	208,359	208,359	---
17300 INCENTIVE PAYS	379,467	369,467	-10,000
17350 SPECIAL PAYS	344,723	344,723	---
17400 ALLOWANCES	122,425	122,425	---
17450 SEPARATION PAY	37,166	37,166	---
17500 SOCIAL SECURITY TAX	430,816	430,816	---
17550 TOTAL, BUDGET ACTIVITY 1	10,869,473	10,859,473	-10,000
17600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
17650 BASIC PAY	10,225,543	10,225,543	---
17700 RETIRED PAY ACCRUAL	3,557,876	3,557,876	---
17720 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	99,527	99,527	---
17750 BASIC ALLOWANCE FOR HOUSING	4,106,580	4,106,580	---
17800 INCENTIVE PAYS	64,585	64,585	---
17850 SPECIAL PAYS	374,755	364,755	-10,000
17900 ALLOWANCES	591,495	591,495	---
17950 SEPARATION PAY	109,441	109,441	---
18000 SOCIAL SECURITY TAX	782,254	782,254	---
18050 TOTAL, BUDGET ACTIVITY 2	19,912,056	19,902,056	-10,000
18100 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
18150 ACADEMY CADETS	85,426	85,426	---
18200 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
18250 BASIC ALLOWANCE FOR SUBSISTENCE	1,058,397	1,058,397	---
18300 SUBSISTENCE-IN-KIND	150,966	150,966	---
18350 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	---	---	---
18400 TOTAL, BUDGET ACTIVITY 4	1,209,363	1,209,363	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
18450	ACTIVITY 5: PERMANENT CHANGE OF STATION			
18500	ACCESSION TRAVEL	91,776	91,776	---
18550	TRAINING TRAVEL	59,686	59,686	---
18600	OPERATIONAL TRAVEL	364,544	364,544	---
18650	ROTATIONAL TRAVEL	467,081	467,081	---
18700	SEPARATION TRAVEL	131,612	131,612	---
18750	TRAVEL OF ORGANIZED UNITS	3,430	3,430	---
18800	NON-TEMPORARY STORAGE	26,026	26,026	---
18850	TEMPORARY LODGING EXPENSE	34,893	34,893	---
18950	TOTAL, BUDGET ACTIVITY 5	1,179,048	1,179,048	---
19000	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
19050	APPREHENSION OF MILITARY DESERTERS	18	18	---
19100	INTEREST ON UNIFORMED SERVICES SAVINGS	2,333	2,333	---
19150	DEATH GRATUITIES	14,900	14,900	---
19200	UNEMPLOYMENT BENEFITS	5,515	5,515	---
19300	EDUCATION BENEFITS	13	13	---
19350	ADOPTION EXPENSES	416	416	---
19400	TRANSPORTATION SUBSIDY	3,164	3,164	---
19450	PARTIAL DISLOCATION ALLOWANCE	629	629	---
19550	RESERVE OFFICERS TRAINING CORPS (ROTC)	44,236	44,236	---
19600	JUNIOR ROTC	18,451	18,451	---
19650	TOTAL, BUDGET ACTIVITY 6	89,675	89,675	---
19700	LESS REIMBURSABLES	-443,371	-443,371	---
19750	UNDISTRIBUTED ADJUSTMENT	---	-205,705	-205,705
21000	TOTAL, TITLE I, MILITARY PERSONNEL, AIR FORCE	32,901,670	32,675,965	-225,705
21010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	1,623,214	82,000	-1,541,214
21050	TOTAL, MILITARY PERSONNEL, AIR FORCE	34,524,884	32,757,965	-1,766,919

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: PAY AND ALLOWANCES OF OFFICERS			
INCENTIVE PAYS	379,467	369,467	-10,000
Excess growth		-10,000	
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
SPECIAL PAYS	374,755	364,755	-10,000
Excess growth		-10,000	
UNDISTRIBUTED ADJUSTMENT		-205,705	-205,705
Historical unobligated balances		-205,705	

RESERVE PERSONNEL, ARMY

Fiscal year 2020 appropriation	$4,922,087,000
Fiscal year 2021 budget request	5,106,956,000
Committee recommendation	5,025,216,000
Change from budget request	−81,740,000

The Committee recommends an appropriation of $5,025,216,000 for Reserve Personnel, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
23000	RESERVE PERSONNEL, ARMY			
23050	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
23100	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,619,895	1,619,895	---
23150	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	59,136	59,136	---
23200	PAY GROUP F TRAINING (RECRUITS)	194,730	194,730	---
23250	PAY GROUP P TRAINING (PIPELINE RECRUITS)	4,357	4,357	---
23300	MOBILIZATION TRAINING	2,555	2,555	---
23350	SCHOOL TRAINING	233,785	233,785	---
23400	SPECIAL TRAINING	373,900	373,900	---
23450	ADMINISTRATION AND SUPPORT	2,475,281	2,475,281	---
23470	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	17,354	17,354	---
23500	EDUCATION BENEFITS	22,263	22,263	---
23550	HEALTH PROFESSION SCHOLARSHIP	64,468	64,468	---
23600	OTHER PROGRAMS	39,232	39,232	---
23650	TOTAL, BUDGET ACTIVITY 1	5,106,956	5,106,956	---
23800	UNDISTRIBUTED ADJUSTMENT	---	-81,740	-81,740
24000	TOTAL, TITLE I, RESERVE PERSONNEL, ARMY	5,106,956	5,025,216	-81,740
24010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	418,136	2,351,000	+1,932,864
24050	TOTAL, RESERVE PERSONNEL, ARMY	5,525,092	7,376,216	+1,851,124

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-81,740**	**-81,740**
Historical unobligated balances		-81,740	

RESERVE PERSONNEL, NAVY

Fiscal year 2020 appropriation	$2,115,997,000
Fiscal year 2021 budget request	2,240,710,000
Committee recommendation	2,223,690,000
Change from budget request	−17,020,000

The Committee recommends an appropriation of $2,223,690,000 for Reserve Personnel, Navy which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
26000	RESERVE PERSONNEL, NAVY			
26050	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
26100	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	757,736	757,736	---
26150	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	8,602	8,602	---
26200	PAY GROUP F TRAINING (RECRUITS).....	51,337	51,337	---
26250	MOBILIZATION TRAINING.....	13,019	13,019	---
26300	SCHOOL TRAINING.....	62,049	62,049	---
26350	SPECIAL TRAINING.....	135,042	135,042	---
26400	ADMINISTRATION AND SUPPORT.....	1,145,197	1,145,197	---
26420	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	8,974	8,974	---
26450	EDUCATION BENEFITS.....	679	679	---
26500	HEALTH PROFESSION SCHOLARSHIP.....	58,075	58,075	---
26550	TOTAL, BUDGET ACTIVITY 1.....	2,240,710	2,240,710	---
26600	UNDISTRIBUTED ADJUSTMENT.....	---	-17,020	-17,020
27000	TOTAL, TITLE I, RESERVE PERSONNEL, NAVY.....	2,240,710	2,223,690	-17,020
27010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	146,218	418,000	+271,782
27050	TOTAL, RESERVE PERSONNEL, NAVY.....	2,386,928	2,641,690	+254,762

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-17,020**	**-17,020**
Historical unobligated balances		-17,020	

RESERVE PERSONNEL, MARINE CORPS

Fiscal year 2020 appropriation	$833,604,000
Fiscal year 2021 budget request	868,694,000
Committee recommendation	857,394,000
Change from budget request	−11,300,000

The Committee recommends an appropriation of $857,394,000 for Reserve Personnel, Marine Corps which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
28000	RESERVE PERSONNEL, MARINE CORPS			
28050	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
28100	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	299,914	299,914	---
28150	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)	46,242	46,242	---
28200	PAY GROUP F TRAINING (RECRUITS)	136,283	136,283	---
28300	MOBILIZATION TRAINING	1,706	1,706	---
28350	SCHOOL TRAINING	25,154	25,154	---
28400	SPECIAL TRAINING	56,584	56,584	---
28450	ADMINISTRATION AND SUPPORT	284,433	284,433	---
28470	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	5,969	5,969	---
28500	PLATOON LEADER CLASS	7,601	7,601	---
28550	EDUCATION BENEFITS	4,808	4,808	---
28600	TOTAL, BUDGET ACTIVITY 1	868,694	868,694	---
28700	UNDISTRIBUTED ADJUSTMENT	---	-11,300	-11,300
29000	TOTAL, TITLE I, RESERVE PERSONNEL, MARINE CORPS	868,694	857,394	-11,300
29010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	82,118	744,000	+661,882
29050	TOTAL, RESERVE PERSONNEL, MARINE CORPS	950,812	1,601,394	+650,582

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-11,300**	**-11,300**
Historical unobligated balances		-11,300	

RESERVE PERSONNEL, AIR FORCE

Fiscal year 2020 appropriation	$2,014,190,000
Fiscal year 2021 budget reques	2,207,823,000
Committee recommendation	2,179,763,000
Change from budget request	−28,060,000

The Committee recommends an appropriation of $2,179,763,000 for Reserve Personnel, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
30000	RESERVE PERSONNEL, AIR FORCE			
30050	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
30100	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	718,645	718,645	---
30150	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	106,715	106,715	---
30200	PAY GROUP F TRAINING (RECRUITS)	51,699	51,699	---
30250	PAY GROUP P TRAINING (PIPELINE RECRUITS)	2,412	2,412	---
30300	MOBILIZATION TRAINING	587	587	---
30350	SCHOOL TRAINING	196,375	196,375	---
30400	SPECIAL TRAINING	356,044	356,044	---
30450	ADMINISTRATION AND SUPPORT	689,523	689,523	---
30470	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	5,406	5,406	---
30500	EDUCATION BENEFITS	12,780	12,780	---
30550	HEALTH PROFESSION SCHOLARSHIP	64,599	64,599	---
30600	OTHER PROGRAMS (ADMIN & SUPPORT)	3,038	3,038	---
30650	TOTAL, BUDGET ACTIVITY 1	2,207,823	2,207,823	---
30750	UNDISTRIBUTED ADJUSTMENT	---	-28,060	-28,060
31000	TOTAL, TITLE I, RESERVE PERSONNEL, AIR FORCE	2,207,823	2,179,763	-28,060
31010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	150,473	1,623,000	+1,472,527
31050	TOTAL, RESERVE PERSONNEL, AIR FORCE	2,358,296	3,802,763	+1,444,467

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-28,060**	**-28,060**
Historical unobligated balances		-28,060	

NATIONAL GUARD PERSONNEL, ARMY

Fiscal year 2020 appropriation	$8,704,320,000
Fiscal year 2021 budget request	8,830,111,000
Committee recommendation	8,639,005,000
Change from budget request	−191,106,000

The Committee recommends an appropriation of $8,639,005,000 for National Guard Personnel, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
32000	NATIONAL GUARD PERSONNEL, ARMY			
32050	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
32100	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	2,711,190	2,711,190	---
32150	PAY GROUP F TRAINING (RECRUITS).....	549,848	549,848	---
32200	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	45,649	45,649	---
32250	SCHOOL TRAINING.....	575,633	575,633	---
32300	SPECIAL TRAINING.....	817,826	832,326	+14,500
32350	ADMINISTRATION AND SUPPORT.....	4,052,288	4,052,288	---
32370	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	29,324	29,324	---
32400	EDUCATION BENEFITS.....	48,353	48,353	---
32450	TOTAL, BUDGET ACTIVITY 1.....	8,830,111	8,844,611	+14,500
32600	UNDISTRIBUTED ADJUSTMENT.....	---	-207,140	-207,140
32610	TRAUMA TRAINING.....	---	1,534	+1,534
33000	TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, ARMY.....	8,830,111	8,639,005	-191,106
33010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	744,259	150,000	-594,259
33050	TOTAL, NATIONAL GUARD PERSONNEL, ARMY.....	9,574,370	8,789,005	-785,365

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: RESERVE COMPONENT TRAINING AND SUPPORT			
SPECIAL TRAINING	817,826	832,326	14,500
Program increase - State Partnership Program		13,500	
Program increase - critical cybersecurity skillsets		1,000	
UNDISTRIBUTED ADJUSTMENT		-207,140	-207,140
Historical unobligated balances		-207,140	
TRAUMA TRAINING		1,534	1,534

NATIONAL GUARD PERSONNEL, AIR FORCE

Fiscal year 2020 appropriation	$4,060,651,000
Fiscal year 2021 budget request	4,547,087,000
Committee recommendation	4,525,466,000
Change from budget request	−21,621,000

The Committee recommends an appropriation of $4,525,466,000 for National Guard Personnel, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
34000	NATIONAL GUARD PERSONNEL, AIR FORCE			
34050	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
34100	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	949,382	949,382	---
34150	PAY GROUP F TRAINING (RECRUITS)	97,078	97,078	---
34200	PAY GROUP P TRAINING (PIPELINE RECRUITS)	7,829	7,829	---
34250	SCHOOL TRAINING	361,527	361,527	---
34300	SPECIAL TRAINING	245,500	252,177	+6,677
34350	ADMINISTRATION AND SUPPORT	2,857,955	2,857,955	---
34370	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	14,675	14,675	---
34400	EDUCATION BENEFITS	13,141	13,141	---
34450	TOTAL, BUDGET ACTIVITY 1	4,547,087	4,553,764	+6,677
34700	UNDISTRIBUTED ADJUSTMENT	---	-30,540	-30,540
34720	TRAUMA TRAINING	---	2,242	+2,242
35000	TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, AIR FORCE	4,547,087	4,525,466	-21,621
35010	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	279,223	279,000	-223
35050	TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	4,826,310	4,804,466	-21,844

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
BA-1: RESERVE COMPONENT TRAINING AND SUPPORT			
SPECIAL TRAINING	245,500	252,177	6,677
Program increase - State Partnership Program		4,677	
Program increase - critical skillsets crosstraining		2,000	
UNDISTRIBUTED ADJUSTMENT		-30,540	-30,540
Historical unobligated balances		-30,540	
TRAUMA TRAINING		2,242	2,242

TITLE II

OPERATION AND MAINTENANCE

The fiscal year 2021 Department of Defense operation and maintenance budget request totals $196,630,496,000. The Committee recommendation provides $196,703,001,000 for the operation and maintenance accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RECAPITULATION			
OPERATION & MAINTENANCE, ARMY	40,312,968	40,424,428	+111,460
OPERATION & MAINTENANCE, NAVY	49,692,742	49,248,117	-444,625
OPERATION & MAINTENANCE, MARINE CORPS	7,328,607	7,512,336	+183,729
OPERATION & MAINTENANCE, AIR FORCE	34,750,597	33,595,328	-1,155,269
OPERATION & MAINTENANCE, SPACE FORCE	2,531,294	2,498,544	-32,750
OPERATION & MAINTENANCE, DEFENSE-WIDE	38,649,079	38,967,817	+318,738
OPERATION & MAINTENANCE, ARMY RESERVE	2,934,717	3,004,717	+70,000
OPERATION & MAINTENANCE, NAVY RESERVE	1,127,046	1,155,746	+28,700
OPERATION & MAINTENANCE, MARINE CORPS RESERVE	284,656	322,706	+38,050
OPERATION & MAINTENANCE, AIR FORCE RESERVE	3,350,284	3,300,284	-50,000
OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	7,420,014	7,611,147	+191,133
OPERATION & MAINTENANCE, AIR NATIONAL GUARD	6,753,642	6,853,942	+100,300
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES	15,211	15,211	---
ENVIRONMENTAL RESTORATION, ARMY	207,518	264,285	+56,767
ENVIRONMENTAL RESTORATION, NAVY	335,932	404,250	+68,318
ENVIRONMENTAL RESTORATION, AIR FORCE	303,926	509,250	+205,324
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE	9,105	19,952	+10,847
ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES	216,587	288,750	+72,163
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	109,900	147,500	+37,600
COOPERATIVE THREAT REDUCTION ACCOUNT	238,490	360,190	+121,700
DOD ACQUISITION WORKFORCE DEVELOPMENT FUND	58,181	198,501	+140,320
GRAND TOTAL, OPERATION & MAINTENANCE	196,630,496	196,703,001	+72,505

REPROGRAMMING GUIDANCE FOR OPERATION AND MAINTENANCE ACCOUNTS

(INCLUDING BASE AND OVERSEAS CONTINGENCY OPERATIONS FUNDING)

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2021 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

Global C3I and early warning
Base support

Space Force:
Global C3I and early warning
Space operations
Depot maintenance
Contractor logistics support and system support
Administration

Defense-Wide:
Office of the Secretary of Defense

Air National Guard:
Aircraft operations

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

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 2021 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 Service's 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 2021.

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 not less than 30 days prior to the obligation of these funds.

RECLAIMED REFRIGERANTS

Reclaiming refrigerant mitigates the need to create new and potentially contaminating refrigerants and ensures the safe disposal of chemicals. Considering the large number of Department of Defense facilities and the widespread use of refrigerants, the Committee urges the Under Secretary of Defense (Acquisition and Sustainment) to give preference to the use of reclaimed refrigerants to service existing equipment in Department of Defense facilities.

MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation fully supports the fiscal year 2021 request for the Defense Logistics Agency for a minimum of 2,500,000 cases of meals ready-to-eat and reaffirms support for the War Reserve stock objective of 5,000,000 cases and the minimum sustaining rate for the industrial base.

ADVERTISING

The Committee notes 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 the Secretary of Defense to include with the fiscal year 2022 budget submission the total level of expenditures for fiscal year 2021 and the requested level of funding for fiscal year 2022 for all contracts for advertising services; contracts for advertising services by minority or women owned businesses; and contracts for advertising services by socially and economically dis-

advantaged small businesses (as defined in section 8(a)(4) of the Small Business Act (15 U.S.C. 637(a)(4)).

MINORITY AND WOMEN-OWNED BUSINESSES

The Committee is concerned that the Department of Defense does not take full advantage of the products and services available to the Department from minority and women-owned small businesses. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees on the Department's efforts to work with minority and women-owned small businesses not later than 180 days after the enactment of this Act. The report shall specify the number and value of Department of Defense contracts for minority and women-owned small businesses and include a description of specific outreach programs the Department uses to reach minority and women-owned small businesses.

CLASSIFIED CONTRACTING FOR SMALL BUSINESSES

The Committee recognizes the vital role small businesses play in fostering technological innovation and expedited or novel approaches to acquisition within the national security enterprise. The Department of Defense and Intelligence Community benefit from these relationships that promote faster, more efficient, and cost-effective solutions to critical national security problems. Small businesses, however, can be disadvantaged given the non-trivial expenses associated with handling, transmitting, protecting, and storing classified information. These additional costs often manifest themselves as barriers to entry, giving rise to conditions that favor large and established contractors by providing them an implicit advantage over smaller potential entrants and existing small business contractors who cannot afford the added expense.

The Committee seeks solutions that allow new and non-traditional entrants, as well as smaller firms who have existing relationships with the Department of Defense and/or the Intelligence Community, to compete for classified contracts. The Committee, therefore, directs the Secretary of Defense and the Director of National Intelligence to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act which surveys programs and initiatives in both the Department of Defense and the Intelligence Community that incentivize outreach to small businesses and lessen the burden and need for dedicated, company-specific classified infrastructure and provide additional options for small business contractors who have existing relationships with the Department of Defense and Intelligence Community. The report shall also address how the Department and the Intelligence Community can expand relationships with small businesses that may or may not include access to secure compartmentalized information facilities.

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 to work with higher education institutions, including Historically Black Colleges and

Universities, 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.

MILITARY FUNERAL HONORS

The Committee is concerned that military funeral honors are not provided to eligible veterans due to the absence of the required DD 214 form. The Committee encourages the Secretary of Defense to consider accepting alternative proof of service in the event the family of a deceased veteran is unable to locate or provide the DD 214 form in a timely manner in accordance with their cultural funeral procedures.

BODY COMPOSITION TESTING

The Committee recognizes the need for body composition testing for servicemembers to be based on medically tested and scientifically accurate indicators of health and fitness. The Committee directs the Secretary of Defense, in coordination with the Service Secretaries, to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the status of changes to military fitness testing and the scientific evidence that led to the changes.

INVENTORY MANAGEMENT

The Committee remains concerned by the lack of accurate inventory management controls in place at the Department of Defense which often result in lost material, parts, and funding. The Committee directs the Secretary of Defense, in coordination with the Directors of the Defense Logistics Agency, the Defense Contract Management Agency, and the Defense Contract Audit Agency, to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that describes how the Department can better track its inventory. The report shall include possible recommendations on how to hold contractors liable for lost or unaccounted parts and materials, especially when contractors are on contract to provide inventory management.

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 is disappointed that the Secretary of Defense targeted the Language Flagship program for reduction during the Defense-Wide Review.

The Committee recommendation restores the funding removed in the budget request for this critical program and includes a total of $16,000,000 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 before 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 2021 2022 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, 2021 which lists the schools that receive funds, in what amount, 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.

MILITARY FOOD TRANSFORMATION

The Committee remains concerned about the growing obesity crisis in the Department of Defense and its impact on military recruitment, readiness, and retention. The Committee is also concerned that the Department's current food system is overly complex and inefficient, which may result in higher costs per meal at dining facilities, unnecessary internal competition between on-base food service providers, and poor food service planning. Emphasis should be placed on providing nutritious food options at dining facilities and modernizing the on-base food system by using best practices from universities and industry partners.

The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on food transformation efforts. The report should include details of the Department's ongoing efforts, costs associated with each effort, and an outline for a potential demonstration pilot program at multiple military installations. The Committee also anticipates submission of the completed audit by the Comptroller General of a sample of the Services' dining facilities to determine whether the Services are accurately measuring meal card holder utilization rates, costs per meal, and all input costs such as food, operating, capital expenditures, facility sustainment, and military labor.

The Committee also notes that funds are collected from servicemembers' pay in order to provide government furnished meals to military personnel. The Committee is concerned that the Department is not using those funds efficiently or exclusively for the intended purpose. The Committee directs the Service Secre-

taries to submit a report to the congressional defense committees not later than December 1, 2020 with the following information from the previous fiscal year: the average daily number of servicemembers on essential station messing (ESM); the total aggregate amount of Basic Allowance for Subsistence withheld from the pay of these same servicemembers for the purposes of providing them a government meal; the total number of meals consumed by ESM servicemembers using their meal entitlement; the total actual cost of the food purchased for the government-provided meals consumed by ESM; and to the extent the amount collected from ESM exceeds the amount spent on purchasing food for the meals consumed by these ESM, a detailed accounting of the difference to include the rationale for any spending for other purposes.

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 identified 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.

INDIAN FINANCING ACT

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

PFOS/PFOA EXPOSURE ASSESSMENT

The National Defense Authorization Act for Fiscal Year 2020 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 (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 deeply 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 (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 (EPA) 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. Additionally, the Committee directs the Department 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 quarterly thereafter, a report on costs associated with investigating and cleaning up PFAS at sites with funding provided by either the environmental 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 2018; the actual obligations in fiscal year 2019; the planned and actual obligations in fiscal year 2020; the planned obligations for fiscal year 2021; and the estimated cost after fiscal year 2021.

CHILDCARE

The Committee commends the Navy and the Air Force for increasing funding in their respective fiscal year 2021 budget requests for childcare programs, but notes with concern the proposed reductions by the Marine Corps and the Army in their budget requests for childcare. The Committee continues to believe that delays in providing affordable and acceptable childcare negatively impact the quality of life for servicemembers, Department of Defense civilian employees, and their families. Funding for these programs needs to be a priority for all components. The Committee recommendation provides additional funds for the Army and the Marine Corps and directs the Secretaries of the Army and the Navy to provide spend plans to the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act.

The Committee was disappointed that it did not receive the report requested in House Report 116–84 and again directs the Service Secretaries to provide a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act on their respective plans to address obstacles to childcare, whether it be additional childcare development centers, additional staff, pay rates for staff, or acceptable alternatives for fiscal year 2020 and in the future year defense program to ensure that these challenges are met.

The Committee is also concerned by reports of the impromptu closure of childcare facilities and directs the respective Service Secretary to notify the congressional defense committees not later than 30 days prior to a closure of any childcare facility, with the reason for closure and the number of children and families affected. The Committee further instructs the Service Secretaries to delay any proposed closure until the congressional defense committees are provided with documentation as to the specific fiscal limitations that the respective Service has from keeping the proposed childcare development center open.

MOVEMENT OF HOUSEHOLD GOODS

Last year the Committee expressed concern with the plans by the United States Transportation Command (USTRANSCOM) to award the global household goods contract to only one provider. On April 30, 2020, USTRANSCOM executed this plan; however, the Committee notes that on June 10, 2020, USTRANSCOM rescinded the award due to allegations of misinformation by the awardee in its application documents.

For these and other reasons, the Committee continues to have concerns and notes issues highlighted by a recent Government Accountability Office report related to the Global Household Goods Contract. The report recommends USTRANSCOM develop methodologies for adequate data collection during the first three years of the contract; outline a detailed plan on retraining and transfer-

ring current USTRANSCOM personnel, including precise funding and staffing needs; and provide a clear strategy for providing counseling services. Due to these highlighted deficiencies, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than September 30, 2021 on the execution of servicemember moves under the Global Household Goods Contract during fiscal year 2021. The report shall include move timelines, customer claims and compensation related to damaged goods and missed moving windows, customer satisfaction surveys and survey response rates, data on moves provided by Transportation Service Providers (TSPs) versus Personally Procured Moves (PPM), the number and type of trainings and transfers of USTRANSCOM personnel and transportation specialists, and counseling services provided by government personnel vice TSPs.

The Committee is concerned that servicemembers may not receive the same access to choose PPM, also known as do-it-yourself moves, under the Global Household Goods Contract. Counseling services provided by TSPs are solely informational. When providing counseling services, nothing in the Global Household Goods Contract permits TSPs to influence servicemember choice of provider or moving method for PPM beyond providing information on the difference between a TSP move and a PPM. The contract also does not permit TSPs to restrict access to a specific PPM provider or option if that option was available to the servicemember prior to the Contract. The Committee encourages the Commander, USTRANSCOM to ensure that counseling for servicemembers is offered no matter what methodology of move a servicemember may choose to make.

Finally, the Committee notes that delays associated to COVID–19 could result in changes to possible savings originally stipulated in its fiscal year 2021 report and overall execution of the program. The Committee directs the Commander, USTRANSCOM to submit a report to the congressional defense committees, not later than 45 days after the enactment of this Act, and again, 180 days after the initial report, detailing the implementation effort and an update of possible savings broken out by Service across the future years defense program.

COLD WEATHER CLOTHING AND EQUIPMENT

The Committee commends the Services for providing cold weather and mountaineering clothing and equipment to servicemembers stationed abroad. Cold weather items including handwear, footwear, socks, balaclavas, water bottle parkas, canteens, and clothing layers manufactured with innovative, domestically-produced fabrics and textiles provide the warfighter with a distinct combat advantage. The Committee is concerned that procurement timelines for these items have been slowed by research, development, testing, and evaluation delays that prevent cold weather units from being issued the most effective items in a timely manner. The Committee encourages the Service Secretaries to review and accelerate procurement timelines for organizational clothing and individual equipment to all eligible servicemembers and utilize the domestic

defense industrial base to provide the necessary clothing and equipment.

USE OF REMOTE PILOTING SYSTEMS

The Committee believes there should be parity between active and reserve components regarding the use of remotely piloted and unmanned aircraft systems for domestic emergency, search and rescue, and civil support activities. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the Department's policies for all aspects of use of remote piloting for both active and reserve components. Aspects shall include use of remote and unmanned air systems for training, search and rescue, and support to other federal agencies. If differences exist between the active and reserve components in these areas, the report shall detail these reasons, to include the policy explanations and if there is a plan to examine, and possibly, change these differences.

MULTINATIONAL FORCE AND OBSERVERS

The Committee is concerned that a decision to remove United States forces from the Multinational Force and Observers in Egypt would be a mistake. Notwithstanding the priorities of the National Defense Strategy, the United States should maintain adequate support for this organization, which has bolstered regional stability through its peacekeeping role for almost forty years. The Committee directs the Secretary of Defense to provide notification to the congressional defense committees not less than 30 days prior to any permanent reduction in United States forces deployed to the Multinational Force and Observers.

ENERGY RESILIENCY STUDIES

The Committee is aware that military installations are required to evaluate their energy resiliency in relation to their vulnerability of the utility grid. The Committee directs the Service Secretaries to provide a report not later than 90 days after the enactment of this Act to the congressional defense committees on the requirement and the plan to conduct energy resiliency studies on military installations.

OPERATION AND MAINTENANCE, ARMY

Fiscal year 2020 appropriation	$39,597,083,000
Fiscal year 2021 budget request	40,312,968,000
Committee recommendation	40,424,428,000
Change from budget request	+111,460,000

The Committee recommends an appropriation of $40,424,428,000 for Operation and Maintenance, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATION AND MAINTENANCE, ARMY			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	LAND FORCES			
20	MODULAR SUPPORT BRIGADES	159,834	137,834	-22,000
30	ECHELONS ABOVE BRIGADES	663,751	660,751	-3,000
40	THEATER LEVEL ASSETS	956,477	936,477	-20,000
50	LAND FORCES OPERATIONS SUPPORT	1,157,635	1,157,635	---
60	AVIATION ASSETS	1,453,024	1,381,024	-72,000
	LAND FORCES READINESS			
70	FORCE READINESS OPERATIONS SUPPORT	4,713,660	4,651,660	-62,000
80	LAND FORCES SYSTEMS READINESS	404,161	394,161	-10,000
90	LAND FORCES DEPOT MAINTENANCE	1,413,359	1,363,359	-50,000
	LAND FORCES READINESS SUPPORT			
100	BASE OPERATIONS SUPPORT	8,220,093	8,249,093	+29,000
110	FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION	3,581,071	4,146,071	+565,000
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	411,844	411,844	---
	COMBATANT COMMAND SUPPORT			
160	US AFRICA COMMAND	239,387	275,637	+36,250
170	US EUROPEAN COMMAND	160,761	161,011	+250
180	US SOUTHERN COMMAND	197,826	198,076	+250
190	US FORCES KOREA	65,152	65,152	---
200	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	430,109	430,109	---
210	CYBER SPACE ACTIVITIES - CYBERSECURITY	464,117	464,117	---
	TOTAL, BUDGET ACTIVITY 1	24,692,261	25,084,011	+391,750
	BUDGET ACTIVITY 2: MOBILIZATION			
	MOBILITY OPERATIONS			
220	STRATEGIC MOBILITY	402,236	402,236	---
230	ARMY PREPOSITIONED STOCKS	324,306	324,306	---
240	INDUSTRIAL PREPAREDNESS	3,653	3,653	---
	TOTAL, BUDGET ACTIVITY 2	730,195	730,195	---
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
250	OFFICER ACQUISITION	165,142	165,142	---
260	RECRUIT TRAINING	76,509	71,509	-5,000
270	ONE STATION UNIT TRAINING	88,523	71,523	-17,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
280	SENIOR RESERVE OFFICERS TRAINING CORPS	535,578	535,578	---
	BASIC SKILL AND ADVANCED TRAINING			
290	SPECIALIZED SKILL TRAINING	981,436	974,436	-7,000
300	FLIGHT TRAINING	1,204,768	1,204,768	---
310	PROFESSIONAL DEVELOPMENT EDUCATION	215,195	215,195	---
320	TRAINING SUPPORT	575,232	575,232	---
	RECRUITING AND OTHER TRAINING AND EDUCATION			
330	RECRUITING AND ADVERTISING	722,612	717,612	-5,000
340	EXAMINING	185,522	185,522	---
350	OFF-DUTY AND VOLUNTARY EDUCATION	221,503	221,503	---
360	CIVILIAN EDUCATION AND TRAINING	154,651	152,151	-2,500
370	JUNIOR RESERVE OFFICERS TRAINING CORPS	173,286	182,486	+9,200
	TOTAL, BUDGET ACTIVITY 3	5,299,957	5,272,657	-27,300
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
390	SERVICEWIDE TRANSPORTATION	491,926	491,926	---
400	CENTRAL SUPPLY ACTIVITIES	812,613	812,613	---
410	LOGISTICS SUPPORT ACTIVITIES	676,178	671,178	-5,000
420	AMMUNITION MANAGEMENT	437,774	437,774	---
	SERVICEWIDE SUPPORT			
430	ADMINISTRATION	438,048	438,048	---
440	SERVICEWIDE COMMUNICATIONS	1,638,872	1,618,872	-20,000
450	MANPOWER MANAGEMENT	300,046	295,046	-5,000
460	OTHER PERSONNEL SUPPORT	701,103	701,103	---
470	OTHER SERVICE SUPPORT	1,887,133	1,850,193	-36,940
480	ARMY CLAIMS ACTIVITIES	195,291	195,291	---
490	REAL ESTATE MANAGEMENT	229,537	232,537	+3,000
500	FINANCIAL MANAGEMENT AND AUDIT READINESS	306,370	306,370	---
510	INTERNATIONAL MILITARY HEADQUARTERS	373,030	373,030	---
520	MISC. SUPPORT OF OTHER NATIONS	32,719	32,719	---
	OTHER PROGRAMS			
	OTHER PROGRAMS	1,069,915	1,070,615	+700
	TOTAL, BUDGET ACTIVITY 4	9,590,555	9,527,315	-63,240
	RESTORE READINESS	---	400,000	+400,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
HISTORICAL UNOBLIGATION	---	-75,000	-75,000
COVID RESUPPLY AND RECOVERY	---	175,000	+175,000
P.L. 115-68 IMPLEMENTATION AT COCOMS	---	250	+250
OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-160,000	-160,000
UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-530,000	-530,000
TOTAL, OPERATION AND MAINTENANCE, ARMY	40,312,968	40,424,428	+111,460

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
112	**MODULAR SUPPORT BRIGADES**	**159,834**	**137,834**	**-22,000**
	Unjustified growth		-22,000	
113	**ECHELONS ABOVE BRIGADES**	**663,751**	**660,751**	**-3,000**
	Unjustified growth		-3,000	
114	**THEATER LEVEL ASSETS**	**956,477**	**936,477**	**-20,000**
	Unjustified growth		-20,000	
116	**AVIATION ASSETS**	**1,453,024**	**1,381,024**	**-72,000**
	Unjustified growth		-72,000	
121	**FORCE READINESS OPERATIONS SUPPORT**	**4,713,660**	**4,651,660**	**-62,000**
	Unjustified growth		-75,000	
	Transfer to MP,A line 13		-10,000	
	Program increase - ultra lightweight camouflage net systems		20,000	
	Program increase - cold weather clothing		3,000	
122	**LAND FORCES SYSTEMS READINESS**	**404,161**	**394,161**	**-10,000**
	Army Futures Command excess personnel growth		-6,000	
	Unjustified growth		-4,000	
123	**LAND FORCES DEPOT MAINTENANCE**	**1,413,359**	**1,363,359**	**-50,000**
	Unjustified growth		-50,000	
131	**BASE OPERATIONS SUPPORT**	**8,220,093**	**8,249,093**	**29,000**
	Excess growth		-19,000	
	Unjustified growth		-50,000	
	Program increase - childcare		90,000	
	Program increase - PFAS remediation		8,000	
132	**FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION**	**3,581,071**	**4,146,071**	**565,000**
	Program increase		564,000	
	Program increase - renaming installations and facilities		1,000	
141	**US AFRICA COMMAND**	**239,387**	**275,637**	**36,250**
	Program increase - personnel recovery and casualty evacuation		36,000	
	Program increase - implementation of P.L. 115-68		250	
142	**US EUROPEAN COMMAND**	**160,761**	**161,011**	**250**
	Program increase - implementation of P.L. 115-68		250	
143	**US SOUTHERN COMMAND**	**197,826**	**198,076**	**250**
	Program increase - implementation of P.L. 115-68		250	

O-1	Budget Request	Committee Recommended	Change from Request
312 RECRUIT TRAINING	**76,509**	**71,509**	**-5,000**
Unjustified growth		-5,000	
313 ONE STATION UNIT TRAINING	**88,523**	**71,523**	**-17,000**
Unjustified growth		-12,500	
Excess personnel growth		-4,500	
321 SPECIALIZED SKILL TRAINING	**981,436**	**974,436**	**-7,000**
Excess personnel growth		-7,000	
331 RECRUITING AND ADVERTISING	**722,612**	**717,612**	**-5,000**
Unjustified growth		-5,000	
334 CIVILIAN EDUCATION AND TRAINING	**154,651**	**152,151**	**-2,500**
Excess personnel growth		-2,500	
335 JUNIOR RESERVE OFFICERS TRAINING CORPS	**173,286**	**182,486**	**9,200**
Program increase		9,200	
423 LOGISTICS SUPPORT ACTIVITIES	**676,178**	**671,178**	**-5,000**
Unjustified personnel growth		-5,000	
432 SERVICEWIDE COMMUNICATIONS	**1,638,872**	**1,618,872**	**-20,000**
Unjustified personnel growth		-8,000	
Unjustified growth		-12,000	
433 MANPOWER MANAGEMENT	**300,046**	**295,046**	**-5,000**
Unjustified growth		-5,000	
435 OTHER SERVICE SUPPORT	**1,887,133**	**1,850,193**	**-36,940**
Transfer to Defense Acquisition Workforce Development Account		-37,640	
Excess personnel increase		-4,000	
Program increase - Capitol Fourth		1,700	
Program increase - Women in Military Service Museum		3,000	
437 REAL ESTATE MANAGEMENT	**229,537**	**232,537**	**3,000**
Program increase - real estate inventory tool		3,000	
411 OTHER PROGRAMS	**1,069,915**	**1,070,615**	**700**
Program increase		700	

O-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-530,000	-530,000
RESTORE READINESS		400,000	400,000
HISTORICAL UNOBLIGATION		-75,000	-75,000
P.L. 115-68 IMPLEMENTATION		250	250
OVERESTIMATION OF CIVILIAN FTE TARGETS		-160,000	-160,000
COVID RESUPPLY AND RECOVERY		175,000	175,000

SMALL BUSINESSES AND ARMY FUTURES COMMAND

The Committee is concerned with findings by the Government Accountability Office in its "Army Futures Command Should Take Steps to Improve Small Business Engagement for Research and Development" report, notably lack of coordination between the Army Futures Command and small businesses. The Committee recognizes the importance of small businesses to the entire Department of Defense enterprise and encourages the Commanding General, Army Futures Command, to develop methods to improve small business engagement for research and development. In addition, the Committee encourages the Commanding General, Army Futures Command, to coordinate with the Army Office of Small Business Programs in its engagement efforts.

FACILITIES REDUCTION PROGRAM

The Committee is encouraged by the commitment of the Army to continue funding the complete disposal of potentially hazardous facilities at Aberdeen Proving Ground, including decommissioning, decontamination, and demolition through a phased approach under the Facilities Reduction Program. The Army has obligated funds, begun demolition, and programmed additional funds in the future to continue these efforts. The Committee encourages the Secretary of the Army to continue these efforts to ensure demolition activities continue. The Committee believes demolition of these facilities will result in cost savings on infrastructure, maintenance, and security of these unusable buildings; reduce the risk of contamination; and have a positive impact on other missions.

OPERATION AND MAINTENANCE, NAVY

Fiscal year 2020 appropriation	$47,622,510,000
Fiscal year 2021 budget request	49,692,742,000
Committee recommendation	49,248,117,000
Change from budget request	−444,625,000

The Committee recommends an appropriation of $49,248,117,000 for Operation and Maintenance, Navy which will provide the following program in fiscal year 2021:

(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	5,738,746	5,618,746	-120,000
20	FLEET AIR TRAINING	2,213,673	2,164,173	-49,500
30	AVIATION TECHNICAL DATA AND ENGINEERING SERVICES	57,144	57,144	---
40	AIR OPERATIONS AND SAFETY SUPPORT	171,949	171,949	---
50	AIR SYSTEMS SUPPORT	838,767	833,767	-5,000
60	AIRCRAFT DEPOT MAINTENANCE	1,459,447	1,447,447	-12,000
70	AIRCRAFT DEPOT OPERATIONS SUPPORT	57,789	57,789	---
80	AVIATION LOGISTICS	1,264,665	1,234,665	-30,000
	SHIP OPERATIONS			
100	SHIP OPERATIONS SUPPORT AND TRAINING	1,117,067	1,107,067	-10,000
110	SHIP DEPOT MAINTENANCE	7,859,104	7,258,443	-600,661
120	SHIP DEPOT OPERATIONS SUPPORT	2,262,196	2,242,196	-20,000
	COMBAT COMMUNICATIONS/SUPPORT			
130	COMBAT COMMUNICATIONS	1,521,360	1,502,360	-19,000
150	SPACE SYSTEMS AND SURVEILLANCE	274,087	274,087	---
160	WARFARE TACTICS	741,609	741,609	---
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	401,382	401,382	---
180	COMBAT SUPPORT FORCES	1,546,273	1,486,273	-60,000
190	EQUIPMENT MAINTENANCE	177,951	177,951	---
210	COMBATANT COMMANDERS CORE OPERATIONS	61,484	66,584	+5,100
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	102,330	102,330	---
230	MILITARY INFORMATION SUPPORT OPERATIONS	8,810	8,810	---
240	CYBERSPACE ACTIVITIES	567,496	567,496	---
	WEAPONS SUPPORT			
260	FLEET BALLISTIC MISSILE	1,428,102	1,428,102	---
280	WEAPONS MAINTENANCE	995,762	939,987	-55,775
290	OTHER WEAPON SYSTEMS SUPPORT	524,008	524,008	---
	BASE SUPPORT			
300	ENTERPRISE INFORMATION TECHNOLOGY	1,229,056	1,209,056	-20,000
310	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,453,099	4,040,847	+587,748
320	BASE OPERATING SUPPORT	4,627,966	4,823,966	+196,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	TOTAL, BUDGET ACTIVITY 1	40,701,322	40,488,234	-213,088
	BUDGET ACTIVITY 2: MOBILIZATION			
	READY RESERVE AND PREPOSITIONING FORCES			
330	SHIP PREPOSITIONING AND SURGE	849,993	829,993	-20,000
340	READY RESERVE FORCE	436,029	436,029	---
	ACTIVATIONS/INACTIVATIONS			
360	SHIP ACTIVATIONS/INACTIVATIONS	286,416	252,424	-33,992
	MOBILIZATION PREPAREDNESS			
370	FLEET HOSPITAL PROGRAM	99,402	99,402	---
390	COAST GUARD SUPPORT	25,235	25,235	---
	TOTAL, BUDGET ACTIVITY 2	1,697,075	1,643,083	-53,992
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
400	OFFICER ACQUISITION	186,117	176,117	-10,000
410	RECRUIT TRAINING	13,206	13,206	---
420	RESERVE OFFICERS TRAINING CORPS	163,683	163,683	---
	BASIC SKILLS AND ADVANCED TRAINING			
430	SPECIALIZED SKILL TRAINING	947,841	930,841	-17,000
450	PROFESSIONAL DEVELOPMENT EDUCATION	367,647	347,647	-20,000
460	TRAINING SUPPORT	254,928	254,928	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RECRUITING, AND OTHER TRAINING AND EDUCATION			
470	RECRUITING AND ADVERTISING	206,305	210,605	+4,300
480	OFF-DUTY AND VOLUNTARY EDUCATION	103,799	103,799	---
490	CIVILIAN EDUCATION AND TRAINING	66,060	66,060	---
500	JUNIOR ROTC	56,276	60,276	+4,000
	TOTAL, BUDGET ACTIVITY 3	2,365,862	2,327,162	-38,700
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE SUPPORT			
510	ADMINISTRATION	1,249,410	1,199,410	-50,000
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	189,625	189,625	---
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	499,904	499,904	---
560	MEDICAL ACTIVITIES	196,747	196,747	---
	LOGISTICS OPERATIONS AND TECHNICAL SUPPORT			
580	SERVICEWIDE TRANSPORTATION	165,708	165,708	---
600	PLANNING, ENGINEERING AND DESIGN	519,716	519,716	---
610	ACQUISITION AND PROGRAM MANAGEMENT	751,184	679,564	-71,620
	SECURITY PROGRAMS			
650	NAVAL INVESTIGATIVE SERVICE	747,519	747,519	---
	OTHER PROGRAMS			
	OTHER PROGRAMS	608,670	616,195	+7,525
	TOTAL, BUDGET ACTIVITY 4	4,928,483	4,814,388	-114,095
	RESTORE READINESS	---	400,000	+400,000
	HISTORICAL UNOBLIGATION	---	-50,000	-50,000
	COVID RESUPPLY AND RECOVERY	---	175,000	+175,000
	P.L. 115-68 IMPLEMENTATION AT COCOMS	---	250	+250
	OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-10,000	-10,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-540,000	-540,000
	TOTAL, OPERATION AND MAINTENANCE, NAVY	49,692,742	49,248,117	-444,625

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS	5,738,746	5,618,746	-120,000
Unjustified increase		-68,000	
Insufficient justification		-52,000	
1A2A FLEET AIR TRAINING	2,213,673	2,164,173	-49,500
Unjustified increase		-50,000	
Program increase - advanced skills management legacy systems upgrades		500	
1A4N AIR SYSTEMS SUPPORT	838,767	833,767	-5,000
Unjustified increase		-5,000	
1A5A AIRCRAFT DEPOT MAINTENANCE	1,459,447	1,447,447	-12,000
Insufficient justification		-12,000	
1A9A AVIATION LOGISTICS	1,264,665	1,234,665	-30,000
Unjustified increase		-30,000	
1B2B SHIP OPERATIONS SUPPORT AND TRAINING	1,117,067	1,107,067	-10,000
Unjustified increase		-10,000	
1B4B SHIP DEPOT MAINTENANCE	7,859,104	7,258,443	-600,661
Unjustified increase		-52,000	
Unjustified increase - early to need		-48,000	
Transfer to title IX		-500,661	
1B5B SHIP DEPOT OPERATIONS SUPPORT	2,262,196	2,242,196	-20,000
Unjustified increase		-13,000	
Unjustified personnel growth		-7,000	
1C1C COMBAT COMMUNICATIONS	1,521,360	1,502,360	-19,000
Unjustified increase		-19,000	
1C6C COMBAT SUPPORT FORCES	1,546,273	1,486,273	-60,000
Unjustified increase		-60,000	
1CCH COMBATANT COMMANDERS CORE OPERATIONS	61,484	66,584	5,100
Program increase - Asia Pacific Regional Initiative		4,600	
Program increase - implementation of P.L. 115-68		500	
1D4D WEAPONS MAINTENANCE	995,762	939,987	-55,775
Unjustified increase		-45,000	
Transfer to title XI		-10,775	
BSIT ENTERPRISE INFORMATION TECHNOLOGY	1,229,056	1,209,056	-20,000
Unjustified increase		-20,000	

O-1	Budget Request	Committee Recommended	Change from Request
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,453,099	4,040,847	587,748
Program increase - fire and seismic protections for public shipyards		20,000	
Program increase		540,000	
Navy requested transfer from RDTE,N line 184		27,748	
BSS1 BASE OPERATING SUPPORT	4,627,966	4,823,966	196,000
Unjustified increase		-24,000	
Unjustified personnel growth		-6,000	
Program increase - PFAS remediation		11,000	
Program increase - mil spec fluorine-free fire-fighting agent		2,500	
Program increase - shipboard bilge water disposal		2,500	
Program increase		210,000	
2A1F SHIP PREPOSITIONING AND SURGE	849,993	829,993	-20,000
Unjustified increase		-20,000	
2C1H SHIP ACTIVATIONS/INACTIVATIONS	286,416	252,424	-33,992
Unjustified increase		-28,000	
Littoral Combat Ship inactivation		-5,992	
3A1J OFFICER ACQUISITION	186,117	176,117	-10,000
Insufficient justification		-10,000	
3B1K SPECIALIZED SKILL TRAINING	947,841	930,841	-17,000
Unjustified increase		-17,000	
3B3K PROFESSIONAL DEVELOPMENT EDUCATION	367,647	347,647	-20,000
Insufficient justification		-20,000	
3C1L RECRUITING AND ADVERTISING	206,305	210,605	4,300
Program increase - Sea Cadets		4,300	
3C5L JUNIOR ROTC	56,276	60,276	4,000
Program increase		4,000	
4A1M ADMINISTRATION	1,249,410	1,199,410	-50,000
Unjustified increase		-33,000	
Insufficient justification		-10,000	
Unjustified personnel growth		-7,000	
4B3N ACQUISITION AND PROGRAM MANAGEMENT	751,184	679,564	-71,620
Unjustified increase		-11,000	
Transfer to Defense Acquisition Workforce Development Account		-60,620	
OTHER PROGRAMS	608,670	616,195	7,525
Program increase		7,525	

O-1	Budget Request	Committee Recommended	Change from Request
RESTORE READINESS		400,000	400,000
UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-540,000	-540,000
HISTORICAL UNOBLIGATION		-50,000	-50,000
IMPLEMENTATION OF P.L. 115-68		250	250
OVERESTIMATION OF CIVILIAN FTE TARGETS		-10,000	-10,000
COVID RESUPPLY AND RECOVERY		175,000	175,000

ADVANCED SKILLS MANAGEMENT LEGACY SYSTEMS UPGRADES

The Committee is concerned by the lack of progress in transitioning the Advanced Skills Management (ASM) software system into a commercial-off-the-shelf (COTS) software system. The Committee is concerned that sustainment costs for this software system are unsustainable and that commercial software solutions currently being utilized by the Navy's Fleet Readiness Centers offer greater capability at reduced costs. Further, the Committee is increasingly concerned about the availability of the current ASM system to the user community given the antiquated nature of the software and need for increased remote telework capacity.

The Committee recommendation includes $500,000 for the Navy to establish updated requirements for a COTS software solution to replace the existing ASM system. The Navy shall consider commercial solutions that are already developed, that need minimal customization work, and that are currently being fielded by industry partners who are conducting similar job functions at the NAVAIR Fleet Readiness Centers. The Navy shall also work with the entire ASM user community to incorporate feedback on capabilities that are needed in ASM that are available in a COTS product.

The Committee recommendation also includes $10,000,000 in Other Procurement, Navy for the procurement, consistent with federal acquisition regulations, of a COTS solution to replace the ASM software system.

The Committee directs the Secretary of the Navy to submit a spend plan for the $10,500,000 to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act.

CHINA LAKE NAVAL AIR WEAPONS STATION

The Committee continues to monitor efforts by the Department of the Navy to rebuild China Lake Naval Air Weapons Station after two earthquakes damaged the installation in July 2019. To further the recovery effort, the Navy requires the purchase of equipment, components, materials, services, and test and evaluation support. The Committee commends the Department of the Navy's recovery efforts to date and appreciates inclusion of validated funding requirements in the fiscal year 2021 budget submission. The Committee directs the Secretary of the Navy to provide the congressional defense committees with quarterly updates, beginning not later than 90 days after the enactment of this Act, on repair efforts, including any refinements to validated funding requirements.

OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 2020 appropriation	$7,868,468,000
Fiscal year 2021 budget request	7,328,607,000
Committee recommendation	7,512,336,000
Change from budget request	+183,729,000

The Committee recommends an appropriation of $7,512,336,000 for Operation and Maintenance, Marine Corps which will provide the following program in fiscal year 2021:

(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	941,143	865,140	-76,003
20	FIELD LOGISTICS	1,277,798	1,277,798	---
30	DEPOT MAINTENANCE	206,907	168,414	-38,493
	USMC PREPOSITIONING			
40	MARITIME PREPOSITIONING	103,614	103,614	---
	COMBAT OPERATIONS/SUPPORT			
50	CYBERSPACE ACTIVITIES	215,974	215,974	---
	BASE SUPPORT			
60	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	938,063	1,016,063	+78,000
70	BASE OPERATING SUPPORT	2,264,680	2,367,680	+103,000
	TOTAL, BUDGET ACTIVITY 1	5,948,179	6,014,683	+66,504
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
80	RECRUIT TRAINING	20,751	20,751	---
90	OFFICER ACQUISITION	1,193	1,193	---
	BASIC SKILLS AND ADVANCED TRAINING			
100	SPECIALIZED SKILLS TRAINING	110,149	110,149	---
110	PROFESSIONAL DEVELOPMENT EDUCATION	69,509	61,509	-8,000
120	TRAINING SUPPORT	412,613	412,613	---
	RECRUITING AND OTHER TRAINING EDUCATION			
130	RECRUITING AND ADVERTISING	215,464	215,464	---
140	OFF-DUTY AND VOLUNTARY EDUCATION	33,719	33,719	---
150	JUNIOR ROTC	25,784	28,584	+2,800
	TOTAL, BUDGET ACTIVITY 3	889,182	883,982	-5,200

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE SUPPORT			
160	SERVICEWIDE TRANSPORTATION	32,005	32,005	---
170	ADMINISTRATION	399,363	399,363	---
	SECURITY PROGRAMS			
	SECURITY PROGRAMS	59,878	60,053	+175
	TOTAL, BUDGET ACTIVITY 4	491,246	491,421	+175
	RESTORE READINESS	---	150,000	+150,000
	PROGRAM INCREASE - P.L. 115-68 IMPLEMENTATION	---	250	+250
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-78,000	-78,000
	COVID RESUPPLY AND RECOVERY	---	50,000	+50,000
	TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	7,328,607	7,512,336	+183,729

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
1A1A	OPERATIONAL FORCES	941,143	865,140	-76,003
	Transfer to title IX		-63,000	
	Insufficient justification		-10,300	
	Deactivation of 2X companies		-1,761	
	Unit deactivation		-2,942	
	Program increase - cold weather clothing		2,000	
1A3A	DEPOT MAINTENANCE	206,907	168,414	-38,493
	Discontinue depot maintenance at Anniston		-38,493	
BSM1	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	938,063	1,016,063	78,000
	Program increase		78,000	
BSS1	BASE OPERATING SUPPORT	2,264,680	2,367,680	103,000
	Unjustified personnel growth		-3,000	
	Program increase - childcare programs		26,000	
	Program increase - AFFF requirements		5,000	
	Program increase		75,000	
3B3D	PROFESSIONAL DEVELOPMENT EDUCATION	69,509	61,509	-8,000
	Insufficient justification		-8,000	
3C3F	JUNIOR ROTC	25,784	28,584	2,800
	Program increase		2,800	
4A7C	SECURITY PROGRAMS	59,878	60,053	175
	Program increase		175	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-78,000	-78,000
	IMPLEMENTATION OF P.L. 115-68		250	250
	RESTORE READINESS		150,000	150,000
	COVID RESUPPLY AND RECOVERY		50,000	50,000

OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 2020 appropriation	$42,736,365,000
Fiscal year 2021 budget request	34,750,597,000
Committee recommendation	33,595,328,000
Change from budget request	−1,155,269,000

The Committee recommends an appropriation of $33,595,328,000 for Operation and Maintenance, Air Force which will provide the following program in fiscal year 2021:

(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	731,511	731,511	---
20	COMBAT ENHANCEMENT FORCES	1,275,485	1,272,985	-2,500
30	AIR OPERATIONS TRAINING	1,437,095	1,429,095	-8,000
50	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,241,216	3,731,216	+490,000
50	CYBERSPACE SUSTAINMENT	235,816	235,816	---
60	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,508,342	---	-1,508,342
70	FLYING HOUR PROGRAM	4,458,457	4,458,457	---
80	BASE OPERATING SUPPORT	7,497,288	7,472,288	-25,000
	COMBAT RELATED OPERATIONS			
90	GLOBAL C3I AND EARLY WARNING	849,842	840,842	-9,000
100	OTHER COMBAT OPERATIONS SUPPORT PROGRAMS	1,067,055	1,059,555	-7,500
110	CYBERSPACE ACTIVITIES	698,579	698,579	---
	SPACE OPERATIONS			
140	SPACE CONTROL SYSTEMS	34,194	34,194	---
	COCOM			
170	US NORTHCOM/NORAD	204,268	204,518	+250
180	US STRATCOM	526,809	527,059	+250
190	US CYBERCOM	314,524	314,774	+250
200	US CENTCOM	186,116	186,366	+250
210	US SOCOM	9,881	10,131	+250
220	US TRANSCOM	1,046	1,296	+250
230	USSPACECOM	249,022	249,272	+250

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATING FORCES			
	CLASSIFIED PROGRAMS	1,289,339	1,289,339	---
	TOTAL, BUDGET ACTIVITY 1	25,815,885	24,747,293	-1,068,592
	BUDGET ACTIVITY 2: MOBILIZATION			
	MOBILITY OPERATIONS			
230	AIRLIFT OPERATIONS	1,350,031	1,350,031	---
240	MOBILIZATION PREPAREDNESS	647,168	647,168	---
	TOTAL, BUDGET ACTIVITY 2	1,997,199	1,997,199	---
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
280	OFFICER ACQUISITION	142,548	142,548	---
290	RECRUIT TRAINING	25,720	25,720	---
300	RESERVE OFFICER TRAINING CORPS (ROTC)	128,295	128,295	---
	BASIC SKILLS AND ADVANCED TRAINING			
330	SPECIALIZED SKILL TRAINING	417,335	417,335	---
340	FLIGHT TRAINING	615,033	615,033	---
350	PROFESSIONAL DEVELOPMENT EDUCATION	298,795	298,795	---
360	TRAINING SUPPORT	85,844	85,844	---
	RECRUITING, AND OTHER TRAINING AND EDUCATION			
380	RECRUITING AND ADVERTISING	155,065	155,065	---
390	EXAMINING	4,474	4,474	---
400	OFF DUTY AND VOLUNTARY EDUCATION	219,349	219,349	---
410	CIVILIAN EDUCATION AND TRAINING	361,570	356,570	-5,000
420	JUNIOR ROTC	72,126	76,126	+4,000
	TOTAL, BUDGET ACTIVITY 3	2,526,154	2,525,154	-1,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
430	LOGISTICS OPERATIONS	672,426	672,426	---
440	TECHNICAL SUPPORT ACTIVITIES	145,130	103,070	-42,060
	SERVICEWIDE ACTIVITIES			
480	ADMINISTRATION	851,251	826,251	-25,000
490	SERVICEWIDE COMMUNICATIONS	28,554	28,554	---
500	OTHER SERVICEWIDE ACTIVITIES	1,188,414	1,182,414	-6,000
510	CIVIL AIR PATROL CORPORATION	28,772	43,205	+14,433

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	SUPPORT TO OTHER NATIONS			
530	INTERNATIONAL SUPPORT	158,803	158,803	---
	SECURITY PROGRAMS			
	SECURITY PROGRAMS	1,338,009	1,345,709	+7,700
	TOTAL, BUDGET ACTIVITY 4	4,411,359	4,360,432	-50,927
	RESTORE READINESS	---	400,000	+400,000
	HISTORICAL UNOBLIGATION	---	-50,000	-50,000
	COVID RESUPPLY AND RECOVERY	---	50,000	+50,000
	P.L. 115-68 IMPLEMENTATION AT COCOMS	---	250	+250
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-435,000	-435,000
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	34,750,597	33,595,328	-1,155,269

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
11C	COMBAT ENHANCEMENT FORCES	1,275,485	1,272,985	-2,500
	Unjustified personnel growth		-2,500	
11D	AIR OPERATIONS TRAINING	1,437,095	1,429,095	-8,000
	Insufficient justification		-8,000	
11R	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,241,216	3,731,216	490,000
	Program increase		490,000	
11W	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,508,342	0	-1,508,342
	Transfer to title IX		-1,508,342	
11Z	BASE OPERATING SUPPORT	7,497,288	7,472,288	-25,000
	Unjustified personnel growth		-3,000	
	Insufficient justification		-22,000	
12A	GLOBAL C3I AND EARLY WARNING	849,842	840,842	-9,000
	Insufficient justification		-9,000	
12C	OTHER COMBAT OPERATIONS SUPPORT PROGRAMS	1,067,055	1,059,555	-7,500
	Insufficient justification		-7,500	
15C	US NORTHCOM/NORAD	204,268	204,518	250
	Program increase - implementation of P.L. 115-68		250	
15D	US STRATCOM	526,809	527,059	250
	Program increase - implementation of P.L. 115-68		250	
15E	US CYBERCOM	314,524	314,774	250
	Program increase - implementation of P.L. 115-68		250	
15F	US CENTCOM	186,116	186,366	250
	Program increase - implementation of P.L. 115-68		250	
15G	US SOCOM	9,881	10,131	250
	Program increase - implementation of P.L. 115-68		250	
15H	US TRANSCOM	1,046	1,296	250
	Program increase - implementation of P.L. 115-68		250	
15X	USSPACECOM	249,022	249,272	250
	Program increase - implementation of P.L. 115-68		250	

O-1		Budget Request	Committee Recommended	Change from Request
33D	CIVILIAN EDUCATION AND TRAINING	361,570	356,570	-5,000
	Insufficient justification		-10,000	
	Program increase - manfacturing for reverse engineering efforts		5,000	
33E	JUNIOR ROTC	72,126	76,126	4,000
	Program increase		4,000	
41B	TECHNICAL SUPPORT ACTIVITIES	145,130	103,070	-42,060
	Transfer to Defense Acquisition Workforce Development Account		-42,060	
42A	ADMINISTRATION	851,251	826,251	-25,000
	Insufficient justification		-25,000	
42G	OTHER SERVICEWIDE ACTIVITIES	1,188,414	1,182,414	-6,000
	Unjustified personnel growth		-6,000	
42I	CIVIL AIR PATROL CORPORATION	28,772	43,205	14,433
	Program increase		14,433	
43A	SECURITY PROGRAMS	1,338,009	1,345,709	7,700
	Program increase		7,700	
	RESTORE READINESS		400,000	400,000
	HISTORICAL UNOBLIGATION		-50,000	-50,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-435,000	-435,000
	IMPLEMENTATION OF P.L. 115-68 AT COCOMS		250	250
	COVID RESUPPLY AND RECOVERY		50,000	50,000

DEPARTMENT OF THE AIR FORCE BUDGET JUSTIFICATION DOCUMENTS

The Committee is disappointed with the quality of the justification material and responses to inquiries received from all components of the Air Force for its operation and maintenance programs. Information was frequently vague and ill defined. For example, prior year baseline levels are not included for each requested increase; depot level increases are presented with overall baselines, instead of each airframe presented by baseline; and decreasing levels of activities are intermingled with lines requesting increases.

The Committee expects the Air Force to present a clearer picture of its budgetary requirements. Therefore, the Committee directs the Secretary of the Air Force to include the following changes in its fiscal year 2022 budget submission for operation and maintenance programs: (1) any request for an increase within a sub-activity group must include a baseline level for the specific program being increased, not the overall baseline of the sub-activity group; (2) depot and contractor maintenance activities should include baselines for each airframe; and (3) if activities are labeled "classified," information on the increase should be presented in a classified format upon submission of the budget request.

C–17

The C–17 aircraft is a strategic transport aircraft, able to airlift heavy cargo close to a battle area or an area in need of humanitarian assistance. The Committee understands that the Air Force is considering changing the mix of depot level heavy maintenance for its C–17 fleet from a contractor-managed, near equal split of organic and contractor depot heavy maintenance to all organic depot heavy maintenance. The Committee has reservations about this change in strategy because the current product support strategy for the C–17 has consistently demonstrated a mission capable rate above eighty percent. The Committee is also aware that the Air Force acknowledges that this change would result in a negative impact to performance.

Therefore, prior to obligating any funds to change the current C–17 product support strategy, the Committee directs the Secretary of the Air Force, in consultation with the Director of Cost Assessment and Program Evaluation, the Commander of United States Transportation Command, and the Chief of the National Guard Bureau, to certify to the congressional defense committees that such a change in product strategy will result in no additional costs to the Air Force over the next ten years as compared to the current product strategy.

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 due to extensive sun exposure, creating additional, yet preventable, maintenance costs. The Committee encourages the Secretary of the Air Force to prioritize maintenance that may provide protection for aircraft to prevent damage caused by weather.

AIR FORCE PILOT SHORTFALL

During the current fiscal year, the Air Force's pilot shortfall will increase to over 2,000, including more than 1,000 fewer fighter and bomber pilots than required. The Committee supports initiatives such as Pilot Training Next and other efforts to increase training throughput but is concerned that the differences between total force pilot requirements and actual output may be widening. The Committee will continue to monitor the Air Force's plan to grow undergraduate pilot training and increase programmed flying time. With these concerns in mind, the Committee believes augmenting existing pilot training with commercial capacity and expertise could create a scalable, rapidly deployable, temporary solution. To properly realize the benefits and value of a turn-key approach at a new location, any proposed program should maximize previous investments by the Air Force including, but not limited to, established special use airspace, required environmental studies, and locations previously investigated and approved for operations. To ensure the Air Force is developing plans to partner with industry and increase undergraduate pilot training, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than 30 days after the enactment of this Act which includes a five-year spend plan for establishing a contractor-operated undergraduate pilot training program.

OPERATION AND MAINTENANCE, SPACE FORCE

Fiscal year 2020 appropriation	$40,000,000
Fiscal year 2021 budget request	2,531,294,000
Committee recommendation	2,498,544,000
Change from budget request	−32,750,000

The Committee recommends an appropriation of $2,498,544,000 for Operation and Maintenance, Space Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATION AND MAINTENANCE, SPACE FORCE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	AIR OPERATIONS			
20	GLOBAL C3I & EARLY WARNING	276,109	269,109	-7,000
30	SPACE LAUNCH OPERATIONS	177,056	177,056	---
40	SPACE OPERATIONS	475,338	475,338	---
50	EDUCATION & TRAINING	18,660	18,660	---
60	SPECIAL PROGRAMS	137,315	137,315	---
70	DEPOT MAINTENANCE	250,324	250,324	---
80	CONTRACTOR LOGISTICS & SYSTEM SUPPORT	1,063,969	1,063,969	---
90	ADMINISTRATION	132,523	107,523	-25,000
	TOTAL, BUDGET ACTIVITY 1	2,531,294	2,499,294	-32,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-750	-750
	TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE	2,531,294	2,498,544	-32,750

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
12A	GLOBAL C3I & EARLY WARNING	276,109	269,109	-7,000
	Insufficient justification		-7,000	
42A	ADMINISTRATION	132,523	107,523	-25,000
	Unjustified increase		-19,000	
	Unjustified personnel growth		-6,000	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-750	-750

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Fiscal year 2020 appropriation	$37,491,073,000
Fiscal year 2021 budget request	38,649,079,000
Committee recommendation	38,967,817,000
Change from budget request	+318,738,000

The Committee recommends an appropriation of $38,967,817,000 for Operation and Maintenance, Defense-Wide which will provide the following program in fiscal year 2021:

(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	439,111	424,111	-15,000
20	JOINT CHIEFS OF STAFF	535,728	535,728	---
30	JOINT CHIEFS OF STAFF - CYBER	24,728	24,728	---
40	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	1,069,971	1,058,818	-11,153
50	SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES	9,800	9,800	---
60	SPECIAL OPERATIONS COMMAND INTELLIGENCE	561,907	544,034	-17,873
70	SPECIAL OPERATIONS COMMAND MAINTENANCE	685,097	705,405	+20,308
80	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS	158,971	166,738	+7,767
90	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,062,748	1,056,780	-5,968
100	SPECIAL OPERATIONS COMMAND THEATER FORCES	2,598,385	2,551,580	-46,805
	TOTAL, BUDGET ACTIVITY 1	7,146,446	7,077,722	-68,724
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
50	DEFENSE ACQUISITION UNIVERSITY	162,963	162,963	---
60	JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING AND EDUCATION	95,684	95,684	---
70	SPECIAL OPERATIONS COMMAND	33,301	33,868	+567
	TOTAL, BUDGET ACTIVITY 3	291,948	292,515	+567
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
80	CIVIL MILITARY PROGRAMS	147,993	281,167	+133,174
100	DEFENSE CONTRACT AUDIT AGENCY	604,835	623,835	+19,000
190	DEFENSE CONTRACT AUDIT AGENCY - CYBER	3,282	3,282	---
110	DEFENSE CONTRACT MANAGEMENT AGENCY	1,370,681	1,412,681	+42,000
210	DEFENSE CONTRACT MANAGEMENT AGENCY - CYBER	22,532	22,532	---
120	DEFENSE HUMAN RESOURCES ACTIVITY	799,952	880,232	+80,280
120	DEFENSE HUMAN RESOURCES ACTIVITY - CYBER	20,806	20,806	---
130	DEFENSE INFORMATION SYSTEMS AGENCY	1,883,190	1,853,190	-30,000
240	DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	582,639	592,639	+10,000
150	DEFENSE LEGAL SERVICES AGENCY	37,637	37,637	---
160	DEFENSE LOGISTICS AGENCY	382,084	417,948	+35,864
170	DEFENSE MEDIA ACTIVITY	196,997	205,997	+9,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
180	DEFENSE POW /MISSING PERSONS OFFICE	129,225	154,225	+25,000
190	DEFENSE SECURITY COOPERATION AGENCY	598,559	659,225	+60,666
200	DEFENSE SECURITY SERVICE	949,008	949,008	---
340	DEFENSE SECURITY SERVICE - CYBER	9,577	9,577	---
220	DEFENSE TECHNOLOGY SECURITY AGENCY	38,432	38,432	---
230	DEFENSE THREAT REDUCTION AGENCY	591,780	591,780	---
400	DEFENSE THREAT REDUCTION AGENCY - CYBER	24,635	24,635	---
250	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,941,429	3,006,429	+65,000
280	OFFICE OF ECONOMIC ADJUSTMENT	40,272	179,272	+139,000
290	OFFICE OF THE SECRETARY OF DEFENSE	1,540,446	1,577,946	+37,500
420	MISSILE DEFENSE AGENCY	505,858	505,858	---
470	OFFICE OF THE SECRETARY OF DEFENSE - CYBER	51,630	51,630	---
480	SPACE DEVELOPMENT AGENCY	48,166	32,677	-15,489
310	WASHINGTON HEADQUARTERS SERVICES	340,291	333,291	-7,000
	OTHER PROGRAMS	17,348,749	17,361,149	+12,400
	TOTAL, BUDGET ACTIVITY 4	31,210,685	31,827,080	+616,395
	SEXUAL TRAUMA TREATMENT PILOT PROGRAM	---	4,000	+4,000
	ATOMIC VETERANS SERVICE MEDAL	---	4,000	+4,000
	P.L. 115-68 IMPLEMENTATION	---	1,500	+1,500
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-239,000	-239,000
	TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	38,649,079	38,967,817	+318,738

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
1PL1	JOINT CHIEFS OF STAFF	439,111	424,111	-15,000
	Insufficient justification		-15,000	
1PL6	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	1,069,971	1,058,818	-11,153
	Civilian pay adjustment		5,485	
	JIB realignment		-1,638	
	Classified adjustment		-15,000	
1PLU	SPECIAL OPERATIONS COMMAND INTELLIGENCE	561,907	544,034	-17,873
	Civilian pay adjustment		8,445	
	JIB realignment		1,638	
	SOF organic ISR excess to need		-15,000	
	DOMEX insufficient budget justification		-13,000	
	Classified adjustment - excess to need		-2,000	
	Program increase - classified adjustment		2,044	
1PL7	SPECIAL OPERATIONS COMMAND MAINTENANCE	685,097	705,405	20,308
	Dry combat submersible excess to need		-1,692	
	Program increase - 137th SOW		22,000	
1PLM	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS	158,971	166,738	7,767
	Civilian pay adjustment		7,767	
1PLV	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,062,748	1,056,780	-5,968
	Civilian pay adjustment		7,191	
	Dry combat submersible excess to need		-891	
	Long haul communications insufficient budget justification		-14,667	
	SOF deployable nodes insufficient budget justification		-9,855	
	MQ-9 operations insufficient budget justification		-4,746	
	RAA/VAK excess to need		-15,000	
	Program increase - identity management		10,000	
	Program increase - FSRM projects		22,000	
1PLR	SPECIAL OPERATIONS COMMAND THEATER FORCES	2,598,385	2,551,580	-46,805
	Civilian pay adjustment		-29,455	
	Dry combat submersible excess to need		-4,950	
	Flying hours program excess to need		-12,400	
3EV8	SPECIAL OPERATIONS COMMAND	33,301	33,868	567
	Civilian pay adjustment		567	

O-1	Budget Request	Committee Recommended	Change from Request
4GT3 CIVIL MILITARY PROGRAMS	**147,993**	**281,167**	**133,174**
Program increase - National Guard Youth Challenge		75,122	
Program increase - Starbase		41,167	
Program increase - Innovative Readiness Training		16,885	
4GT6 DEFENSE CONTRACT AUDIT AGENCY	**604,835**	**623,835**	**19,000**
Program increase - defense-wide review reductions funding restoration		19,000	
4GTC DEFENSE CONTRACT MANAGEMENT AGENCY	**1,370,681**	**1,412,681**	**42,000**
Program increase - defense-wide review reductions funding restoration		42,000	
4GT8 DEFENSE HUMAN RESOURCES ACTIVITY	**799,952**	**880,232**	**80,280**
Insufficient justification		-13,000	
Program increase - Defense Language and National Security Education Office - defense-wide review reductions funding restoration		30,000	
Program increase - Language Flagship program		6,000	
Program increase - Federal Voting Assistance Program - defense-wide review reductions funding restoration		2,280	
Program increase - defense-wide review reductions funding restoration		6,000	
Program increase - Defense Equal Opportunity Management Insititue Workforce Recruitment Program - defense-wide review reductions funding restoration		2,000	
Program increase - Special Victims' Counsel		40,000	
Program increase - Defense Suicide Prevention Office		2,000	
Program increase - Sexual Assault Prevention and Response Office		5,000	
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	**1,883,190**	**1,853,190**	**-30,000**
JAIC insufficient justification		-30,000	
4GU9 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	**582,639**	**592,639**	**10,000**
Program increase - comply to connect		10,000	
4GTB DEFENSE LOGISTICS AGENCY	**382,084**	**417,948**	**35,864**
Program increase - Procurement Technical Assistance Program		22,364	
Program increase - maternity uniform pilot program		10,000	
Program increase - homeless blankets program		3,500	
ES18 DEFENSE MEDIA ACTIVITY	**196,997**	**205,997**	**9,000**
Program increase - Stars and Stripes - defense-wide review reductions funding restoration		9,000	
4GTC DEFENSE POW /MISSING PERSONS OFFICE	**129,225**	**154,225**	**25,000**
Program increase - defense-wide review reductions funding restoration		25,000	

O-1	Budget Request	Committee Recommended	Change from Request
4GTD DEFENSE SECURITY COOPERATION AGENCY	598,559	659,225	60,666
Transfer from National Defense Strategy Implementation Account to Combating Terrorism and Irregular Warfare Fellowship Program		-24,723	
Transfer to Combating Terrorism and Irregular Warfare Fellowship Program from National Defense Strategy Implementation Account		24,723	
Transfer from National Defense Strategy Implementation Account to Ministry of Defense Advisors Program		-7,650	
Transfer to Ministry of Defense Advisors Program from National Defense Strategy Implementation Account		7,650	
Program decrease - National Defense Strategy Implementation Account Professional Military Education Programs		-3,000	
Transfer from National Defense Strategy Implementation Account to International Security Cooperation Programs		-375,324	
Transfer to International Security Cooperation Programs from National Defense Strategy Implementation Account		375,324	
Transfer from Drug Interdiction and Counter-Drug Activities to International Security Cooperation Programs with countries in NORTHCOM		8,926	
Transfer from Drug Interdiction and Counter-Drug Activities to International Security Cooperation Programs with countries in SOUTHCOM		17,080	
Program increase - International Security Cooperation Programs with countries in AFRICOM		11,949	
Program increase - International Security Cooperation Programs with countries in SOUTHCOM		43,473	
Program increase - International Security Cooperation Programs womens' programs		3,000	
Program increase - Regional Centers		3,925	
Transfer from DSCA Headquarters to Claims Litigation Support		-3,636	
Transfer to Claims Litigation Support from DSCA Headquarters		3,636	
Program decrease - DSCA Headquarters		-3,706	
Unjustified growth - Institute for Security Governance		-20,981	
4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,941,429	3,006,429	65,000
Program increase - world language grants		15,000	
Program increase - Impact Aid		40,000	
Program increase - Impact Aid for children with disabilities		10,000	
4GTM OFFICE OF ECONOMIC ADJUSTMENT	40,272	179,272	139,000
Program increase - defense-wide review reductions funding restoration		20,000	
Program increase - defense community infrastructure program		50,000	
Program increase - Guam public health laboratory		19,000	
Program increase - noise mitigation community partnership		50,000	

O-1	Budget Request	Committee Recommended	Change from Request
4GTN OFFICE OF THE SECRETARY OF DEFENSE	**1,540,446**	**1,577,946**	**37,500**
Excess personnel increase - Office of Cost Assessment & Program Evaluation		-3,000	
Excess personnel increase - Office of the Chief Management Officer		-11,000	
Excess personnel incrrease - Office of the Undersecretary for Acquisition and Sustainment		-3,000	
Excess personnel increase - Office of the Undersecretary for Research and Enginnering		-2,000	
Excess personnel increase - Office of the Undersecretary for Policy		-3,500	
Program increase - Readiness Environmental Protection Initiative		30,000	
Program increase - CDC water contamination study and assessment		15,000	
Program increase - DASD Environment civilian growth		2,000	
Program increase - Information Assurance Scholarship Program		12,000	
Program increase - Office of the Chief Information Officer digital persona protection initiative		1,000	
ES14 SPACE DEVELOPMENT AGENCY	**48,166**	**32,677**	**-15,489**
Insufficient justification		-15,489	
4GTQ WASHINGTON HEADQUARTERS SERVICES	**340,291**	**333,291**	**-7,000**
Insufficient justification		-7,000	
999 OTHER PROGRAMS	**17,348,749**	**17,361,149**	**12,400**
Program decrease		12,400	
SEXUAL TRAUMA TREATMENT PILOT PROGRAM		**4,000**	**4,000**
ATOMIC VETERANS SERVICE MEDAL		**4,000**	**4,000**
UNDISTRIBUTED REDUCTION - EXCESS TO NEED		**-239,000**	**-239,000**
P.L. 115-68 IMPLEMENTATION		**1,500**	**1,500**

READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

The Committee continues to support the Readiness and Environmental Protection Integration (REPI) program. The REPI program advances important military goals by implementing conservation easements to buffer the off-base impacts of military activities. The Committee sees positive examples of how productive the program can be by looking at progress along the Chesapeake Bay and encourages the Secretary of Defense to replicate these activities nation-wide. The Committee also encourages 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.

DEFENSE COMMUNITY INFRASTRUCTURE PROGRAM

The Committee recommendation includes $50,000,000 for the Defense Community Infrastructure Program. The Committee is disappointed that the Secretary of Defense did not swiftly allocate funds to specific projects with the $50,000,000 provided in the Department of Defense Appropriations Act, 2020, waiting until mid-May, or over five months from date of enactment, to provide direction to the Office of Economic Adjustment for execution. The Committee is also dismayed about the parameters the Secretary of Defense has instituted for execution of this program in fiscal year 2020, particularly the distinct lack of interaction with military communities, the exact group this program was created to assist. The parameters determined for use of the Defense Community Infrastructure Program seem to fund activities not funded in other sections of the bill, for example, daycare facilities and hospitals. The Committee is also disappointed to learn that the Department does not expect to include funding for this program in its fiscal year 2022 budget request.

Given this divergence from congressional intent, the Committee directs that, prior to the obligation of funds, yet not later than 30 days after the enactment of this Act, the Secretary of Defense provide a spend plan to the congressional defense committees on the use of the fiscal year 2021 funding.

SERVICE-PROVIDED SUPPORT AND ENABLING CAPABILITIES TO UNITED STATES SPECIAL OPERATIONS FORCES

The Committee directs the Service Secretaries and the Secretary of Defense on behalf of the defense agencies to include with the fiscal year 2022 budget submission and each subsequent year thereafter, a consolidated budget justification display showing Service-common support and enabling capabilities contributed from each of the military Services and defense agencies to special operations forces. The report shall include a detailed accounting of the resources allocated by each Service or defense agency at the appropriation and line item level to provide combat support, combat service support, training, base operating support, pay and allowances, and enabling capabilities or other common services and support for special operations forces. The exhibit shall also include an

identification of any changes in the level or type of support in the current fiscal year when compared to the preceding year.

THEATER SPECIAL OPERATIONS COMMAND ACTIVITIES

The Committee directs the Assistant Secretary of Defense (Special Operations/Low Intensity Conflict), in coordination with the Commander of United States Special Operations Command, the Service Secretaries, and the Chairman of the Joint Chiefs of Staff, to provide a report on the activities of Theater Special Operations Commands (TSOCs). The report shall be provided with the fiscal year 2022 budget request submission and include a detailed accounting of activities performed by the TSOCs in the preceding year, current fiscal year, and current budget request submission at the budget line item level of detail. The report shall include a detailed accounting of resources allocated by the military Services, United States Special Operations Command, and the combatant commands.

MILITARY INFORMATION SUPPORT OPERATIONS

Over the past decade, the bulk of activities under Military Information Support Operations (MISO) focused on countering violent extremist organizations (VEO). While VEOs remain an ongoing threat and require continued vigilance, peer and near-peer adversaries like China and Russia are using social media and other vectors to weaken domestic and international institutions and undermine United States interests. This new information environment and the difficulty of discriminating between real and fake information heightens the importance of enhancing and coordinating United States government information-related capabilities as a tool of diplomatic and military strategy.

The Committee recognizes the efforts and accomplishments of the United States Special Operations Command and other agencies within the executive branch to operate in the digital domain. However, it is difficult to view individual agency activities as a coordinated whole of government effort. Over the past several years, the classified annex accompanying annual Department of Defense Appropriations Acts included direction focusing on the individual activities of geographic combatant commands. However, information messaging strategies to counter Chinese and Russian malign influences cuts across these geographic boundaries and requires coordination between multiple government agencies using different authorities.

Therefore, in order to better understand how MISO activities support a whole of government messaging strategy, the Committee directs the Assistant Secretary of Defense (Special Operations/Low Intensity Conflict) to submit a report for MISO activities for the individual geographic combatant commands justified by the main pillars of the National Defense Strategy to the House and Senate Appropriations Committees not later than 15 days after submission of the fiscal year 2022 budget request and annually thereafter. The report shall include spend plans identifying the requested and enacted funding levels for both voice and internet activities and how those activities are coordinated with the Intelligence Community and the Department of State. The enacted levels will serve as the

baseline for reprogramming in accordance with section 8007 of this Act. Furthermore, the Committee directs the Assistant Secretary of Defense (Special Operations/Low Intensity Conflict) to submit to the congressional defense committees, not later than 90 days after the end of the fiscal year, an annual report that provides details on each combatant commands' MISO activities by activity name, description, goal or objective, target audience, dissemination means, executed funds, and assessments of their effectiveness. Additional details for the report are included in the classified annex accompanying this Act.

SPECIAL OPERATIONS COMMAND COLD WEATHER TACTICAL OUTERWEAR

The United States Special Operations Command's (USSOCOM) Lost Arrow Project has developed technical outerwear that reduces burden on the operator while extending capability at lower extreme temperatures. The Committee understands that USSOCOM has identified a critical need for this system to address near-term operational requirements and encourages the Commander, USSOCOM to accelerate procurement of these systems.

137TH SPECIAL OPERATIONS WING

The Committee supports the 137th Special Operations Wing (SOW) and believes that reductions to the unit were misguided as part of the Defense Wide Review. Therefore, the Committee recommendation includes $22,000,000 to support the MC–12 mission in fiscal year 2021. Furthermore, the Committee recognizes the unique role the 137th SOW serves and directs the Commander, United States Special Operations Command, to internally resource deployment costs in fiscal year 2021.

DEFENSE POW/MIA ACCOUNTING AGENCY

The Committee commends the work of the Defense POW/MIA Accounting Agency (DPAA) and appreciates its continual efforts to return the remains of fallen servicemembers, even as challenges inhibit its ability to execute its mission, such as foreign government obstruction or COVID–19. However, the Committee is concerned that the Services are not prioritizing activities that directly support DPAA. The Committee believes that the Services must ensure that their efforts to collect DNA family reference samples are as swift as possible to ensure that the DPAA can execute its mission and give the families of fallen heroes the closure they seek.

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. The Committee is encouraged by these efforts but believes that additional measures need to be taken. The Committee directs the Assistant Secretary of Defense (Health Affairs) to update the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act on the Department's plan to test and track potential first responder exposure to these chemicals as part of their existing, annual medical surveillance exams.

CLIMATE CHANGE REPORT

The Committee notes the Secretary of Defense is required to submit a report which contains a list of the top ten most climate-vulnerable bases within each Service and provides a cost estimate to mitigate the risks at each of these bases to the congressional defense committees as directed in House Report 116–84. The Committee understands the Department is working with the Army Corps of Engineers to develop a tool to meet this requirement and better assess exposure to extreme weather and climate impacts. The Committee understands the Department expects to complete this tool and report by the end of September 2020. The Committee expects the Secretary of Defense to update the congressional defense committees with any changes to the anticipated date of completion for the tool and report.

SPECIAL MEASURES AGREEMENT

The Committee recognizes the United States-South Korea alliance as foundational for peace and security on the Korean Peninsula and throughout the region. The Committee encourages the Secretary of Defense to coordinate with the Secretary of State to support good faith negotiations with the Republic of Korea government that result in a fair and equitable five-year Special Measures Agreement.

COMPOSTING OF SHREDDED GOVERNMENT DOCUMENTS

The Committee encourages the Secretary of Defense to study the financial and environmental impacts of composting shredded government documents.

DEFENSE SECURITY COOPERATION AGENCY PROGRAMS

The Committee recommendation provides $659,225,000 for base programs administered by the Defense Security Cooperation Agency (DSCA) and an additional $1,651,296,000 in title IX for overseas contingency operations. The Committee notes the significant unobligated balances from prior appropriations and the disruption of programs due to the COVID–19 pandemic.

Section 8120 of the Act requires that a spend plan be submitted prior to the initial obligation of funds. The Committee expects the Director of DSCA to ensure the appropriate distribution of funds with two-year availability, which accounts for more than half of the funding provided. The Act also requires quarterly reports on the

use and status of funds, which shall include amounts appropriated, obligated, and expended for each budget activity and sub-activity for DSCA, including base and overseas contingency operations funding. The spend plan and quarterly reports should include such information for each program listed in the OP–5 budget justification document for DSCA as modified by this Act and report.

The Committee does not recommend funding for a proposed National Defense Strategy Implementation Account and notes that the implementation of the National Defense Strategy extends well beyond the scope of programs funded under this heading. Instead, the Committee recommends funding for International Security Cooperation Programs, the Combating Terrorism and Irregular Warfare Fellowship Program, and the Ministry of Defense Advisors Program.

The Committee recommendation provides $1,141,048,000 for International Security Cooperation Programs. The Committee directs that congressional notifications submitted for such programs specify the funding source (including fiscal year and base or overseas contingency operations), whether such funds support ongoing or new programs, and the duration and expected cost over the life of each program.

The Committee recommendation rejects several reductions proposed in the budget request. The recommendation provides not less than $160,000,000, an increase of $63,377,963 above the request, for International Security Cooperation Programs with countries in the Africa Command area of responsibility. The recommendation also provides not less than $130,000,000, an increase of $60,553,073 above the request, for International Security Cooperation Programs with countries in the Southern Command area of responsibility.

The Committee recommendation transfers $26,006,000 requested for international programs under Drug Interdiction and Counter-Drug Activities, Defense to this heading to build the capacity of countries in the Northern Command and Southern Command areas of responsibility to counter illicit drug trafficking. More broadly, the Committee notes that counter-illicit drug trafficking programs supported under this heading should complement, not replace programs supported by the Department of State, and urges close coordination between both departments. The Committee directs that notifications submitted by DSCA for counter-illicit drug trafficking programs include information on related programs being conducted by other federal agencies.

The Committee recommendation provides $220,000,000, an increase of $10,928,776 above the request, for International Security Cooperation Programs with countries in the Central Command area of responsibility. Not less than $105,250,000 is included for Jordan, which is the same as the budget request. The Committee directs that such amounts be specified in the spend plan required by this Act. The Committee also supports programs to enhance security along the Tajikistan-Afghanistan border.

The Committee directs that such funds provided above the request for International Security Cooperation Programs be used to enhance existing programs with countries such as Colombia, and to continue programs for countries that would otherwise not receive

funding under the budget request submission, including Morocco, Oman, and Costa Rica.

The Committee recommendation provides $290,662,471 for International Security Cooperation Programs with countries in the Indo-Pacific Command area of responsibility, as requested, including for maritime security programs.

The Committee notes the ongoing conflict in eastern Ukraine due to Russian aggression. Last year, the Organization for Security and Cooperation in Europe Special Monitoring Mission to Ukraine recorded 299,633 cease-fire violations, 3,373 explosions, and 148 civilian casualties. The Committee also notes Ukraine's contributions to NATO operations and welcomes the selection of Ukraine as one of six enhanced opportunities partners, which will increase access to programs, exercises, and information sharing.

The Committee recommendation continues support for the defense of Ukraine by providing $275,000,000 for the Ukraine Security Assistance Initiative, an increase of $25,000,000 above the request. The recommendation does not provide additional funding for Ukraine under International Security Cooperation Programs. The Committee expects the Government of Ukraine to continue to adopt and implement reforms in the security sector and to reduce corruption in the security services and directs the Secretary of Defense to update the report required by House Report 116–84 not later than 90 days after the enactment of this Act.

The Committee is concerned with the inability of the Department of Defense to obligate funds for the Ukraine Security Assistance Initiative in a timely manner. The recommendation includes language exempting funds from apportionment and requires the Secretary of Defense to inform the congressional defense committees if funds have not been obligated 60 days after a congressional notification is submitted. Furthermore, the Committee directs the Secretary of Defense, in coordination with the Director of DSCA, to review the Department's policies and procedures with respect to funding for the Ukraine Security Assistance Initiative, and to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act on steps taken to improve the delivery and timeliness of assistance.

The Committee recommendation provides $292,612,243, an increase of $6,174,901 above the request, for International Security Cooperation Programs with countries in the European Command area of responsibility. The Committee supports efforts to strengthen deterrence against Russian aggression. The Committee recommendation provides $150,000,000 for International Security Cooperation Programs with Estonia, Latvia and Lithuania through the Baltic Security Initiative, including $50,000,000 to enhance the integrated air defense of such countries. Such amounts shall be included under the European Command area of responsibility in the spend plan required by this Act. Additionally, not later than 90 days after the enactment of this Act and prior to the initial obligation of funds for the Baltic Security Initiative, the Secretary of Defense, in coordination with the Secretary of State, is directed to submit a strategy to the congressional defense committees for the Baltic Security Initiative, which shall include goals, objectives, and milestones for programs supported by the initiative, as well as in-

formation on the capabilities of each country and their financial contributions towards their own security, the NATO alliance, and programs supported by the initiative.

The Committee recommends a focus on programs that advance the recruitment, employment, development, retention, and promotion of women in foreign security forces. Not later than 90 days after the enactment of this Act, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees on DSCA programs and policies that advance such goals. The report shall include information on current programs, including funding that supports such programs, and the results. The Secretary shall consult with the House and Senate Appropriations Committees prior to the obligation of additional funding provided for International Security Cooperation Programs women's programs.

The Committee supports training for foreign security forces in human rights, which is a required component of building partnership capacity programs. The Committee directs that notifications submitted for such programs include information on the subject matter, type, duration, and cost of such training.

The Committee supports the provision of Department of Defense excess defense articles to enhance the security of partners countries but notes that such programs could operate in a more strategic manner. The Secretary of Defense is currently required to submit a report that contains a list of expected defense articles that are likely to become available for transfer during the next 12 months, and another report that contains a list of countries eligible for such transfers. The Committee recommends greater integration of the information contained in these two reports, as well as how proposed transfers can be integrated into an overall country security cooperation plan. The Committee directs the Director of DSCA to consult with the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on efforts to improve such programs.

The Committee recommendation includes funds above the request for DSCA Regional Centers and notes the important role that these centers play in building strong and sustainable international networks of security leaders, which furthers United States objectives and leadership.

The Committee recommendation includes $21,814,000 for DSCA headquarters. The Committee is concerned with the apparent lack of budget controls to ensure DSCA adheres to congressionally directed levels for headquarters expenses and includes language limiting such costs.

The Committee recommendation includes funding requested under this heading for the Lift and Sustain program, which provides support to allied forces participating in a combined operation with the armed forces of the United States and coalition forces supporting military and stability operations. The Committee is concerned, however, with the proper management and execution of prior year funds by the Department of Defense. The Committee directs the Secretary of Defense to assess the policies and procedures in place for this program and, not later than 60 days after the enactment of this Act and prior to the initial obligation of funds pro-

vided in this Act for these purposes, to submit a report to the House and Senate Appropriations Committees detailing changes made to address such problems, including those made at the recommendation of the Government Accountability Office. The Committee also expects the Secretary of Defense to promptly notify the Committees upon any finding of a similar issue in the future.

The Committee recommendation includes requested funding for border security, including support to Jordan and Tunisia.

STANDARDS AND PROTOCOLS ON COUNTERING CYBERSECURITY INCIDENTS

The Committee notes that in July 2016 the North Atlantic Treaty Organization (NATO) recognized cyberspace as a domain of operations in which NATO must defend itself as it does in other operational domains. The Committee directs the Secretary of Defense, in consultation with the Secretary of State, to submit a report to the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act on common NATO standards and protocols for countering cybersecurity incidents.

ZERO TRUST ARCHITECTURE

The Committee encourages the Secretary of Defense to implement a Zero Trust Architecture to increase its cybersecurity posture and enhance the Department's ability to protect its systems and data.

NOISE MITIGATION COMMUNITIES PARTNERSHIPS

The Committee is aware of the negative effects that jet noise has on communities near installations with airfields.Given the concerns raised by communities, the Committee directs the Secretary of Defense to utilize the noise assessments found in environmental impact studies (EIS) to measure the level of jet noise generated by aviation assets and to make that noise measurement data available to affected communities. If an EIS assessment has already determined the effects of noise to the surrounding community to be damaging to the local community, that assessment should be used as the underlying data for consideration of relief. Data should be assessed from communities near both active and reserve installations with airfields.

After reviews of the EIS are completed, the Committee directs the Office of Economic Adjustment to work with communities and the Service Secretaries to find measures that would mitigate any impacts from noise caused by defense aviation activities, with special attention to communities with new airframes.All types of mitigation efforts should be considered for implementation.The Committee directs the Office of Economic Adjustment to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act on the progress it has made reviewing each of the assessments, to date, with a list of the communities involved, the timeline for completion of all of the assessments for each of the communities with installations with airfields,examples of tools to mitigate the impact of jet noise, and the costs involved in each of these steps.

To ensure the program is resourced for success, the Committee recommendation includes $50,000,000, to be used over two years, to provide grants to communities affected by excessive noise. Grants to communities shall be provided on a priority basis determined by the participating communities to entities such as hospitals, daycare facilities, schools, senior citizen facilities, and private homes within a mile of the airfield.

LOCAL MEDIA

The Committee directs the Secretary of Defense and the Service Secretaries that of the funds allocated for advertising, public relations, and marketing in this Act, funds shall be designated for local media, consisting of local television and radio broadcast stations and local newspapers. The Committee also directs the Secretary of Defense and the Service Secretaries to provide a report not later than 90 days after the enactment of this Act, and quarterly thereafter throughout fiscal year 2021, to the congressional defense committees, detailing how the Department of Defense and the military Services are spending advertising, public relations, and marketing related appropriations and what portion of these budgets are being spent on local media. The Committee further directs each Department and agency funded by this Act with annual advertising budgets in excess of $500,000 to include in its fiscal year 2022 budget justification submission details on expenditures on local media advertising for fiscal years 2020 and 2021.

OPERATION AND MAINTENANCE, ARMY RESERVE

Fiscal year 2020 appropriation	$2,984,494,000
Fiscal year 2021 budget request	2,934,717,000
Committee recommendation	$3,004,717,000
Change from budget request	+70,000,000

The Committee recommends an appropriation of $3,004,717,000 for Operation and Maintenance, Army Reserve which will provide the following program in fiscal year 2021:

(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	10,784	9,784	-1,000
20	ECHELONS ABOVE BRIGADES	530,425	530,425	---
30	THEATER LEVEL ASSETS	123,737	122,737	-1,000
40	LAND FORCES OPERATIONS SUPPORT	589,582	579,582	-10,000
50	AVIATION ASSETS	89,332	87,832	-1,500
	LAND FORCES READINESS			
60	FORCES READINESS OPERATIONS SUPPORT	387,545	387,545	---
70	LAND FORCES SYSTEM READINESS	97,569	97,569	---
80	DEPOT MAINTENANCE	43,148	43,148	---
	LAND FORCES READINESS SUPPORT			
90	BASE OPERATIONS SUPPORT	587,098	587,098	---
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	327,180	435,180	+108,000
110	MANAGEMENT AND OPERATIONS HEADQUARTERS	28,783	28,783	---
120	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	2,745	2,745	---
130	CYBERSPACE ACTIVITIES - CYBERSECURITY	7,438	7,438	---
	TOTAL, BUDGET ACTIVITY 1	2,825,366	2,919,866	+94,500
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
120	SERVICEWIDE TRANSPORTATION	15,530	15,530	---
130	ADMINISTRATION	17,761	17,761	---
140	SERVICEWIDE COMMUNICATIONS	14,256	14,256	---
150	PERSONNEL/FINANCIAL ADMINISTRATION	6,564	6,564	---
160	RECRUITING AND ADVERTISING	55,240	55,240	---
	TOTAL, BUDGET ACTIVITY 4	109,351	109,351	---
	HISTORICAL UNOBLIGATION	---	-1,500	-1,500
	OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-20,000	-20,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-33,000	-33,000
	RESTORE READINESS	---	30,000	+30,000
	TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	2,934,717	3,004,717	+70,000

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
112	MODULAR SUPPORT BRIGADES	10,784	9,784	-1,000
	Unjustified growth		-1,000	
114	THEATER LEVEL ASSETS	123,737	122,737	-1,000
	Unjustified growth		-1,000	
115	LAND FORCES OPERATIONS SUPPORT	589,582	579,582	-10,000
	Unjustified growth		-8,400	
	Unjustified personnel growth		-1,600	
116	AVIATION ASSETS	89,332	87,832	-1,500
	Unjustified growth		-1,500	
132	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	327,180	435,180	108,000
	Program increase		108,000	
	HISTORICAL UNOBLIGATION		-1,500	-1,500
	RESTORE READINESS		30,000	30,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-33,000	-33,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS		-20,000	-20,000

OPERATION AND MAINTENANCE, NAVY RESERVE

Fiscal year 2020 appropriation	$1,102,616,000
Fiscal year 2021 budget request	1,127,046,000
Committee recommendation	1,155,746,000
Change from budget request	+28,700,000

The Committee recommends an appropriation of $1,155,746,000 for Operation and Maintenance, Navy Reserve which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATION AND MAINTENANCE, NAVY RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	RESERVE AIR OPERATIONS			
10	MISSION AND OTHER FLIGHT OPERATIONS	635,070	632,070	-3,000
20	INTERMEDIATE MAINTENANCE	8,713	8,713	---
30	AIRCRAFT DEPOT MAINTENANCE	105,088	105,088	---
40	AIRCRAFT DEPOT OPERATIONS SUPPORT	398	398	---
50	AVIATION LOGISTICS	27,284	27,284	---
	RESERVE SHIP OPERATIONS			
	RESERVE COMBAT OPERATIONS SUPPORT			
70	COMBAT COMMUNICATIONS	17,894	17,894	---
80	COMBAT SUPPORT FORCES	132,862	131,362	-1,500
90	CYBERSPACE ACTIVITIES	453	453	---
	RESERVE WEAPONS SUPPORT			
100	ENTERPRISE INFORMATION TECHNOLOGY	26,073	26,073	---
	BASE OPERATING SUPPORT			
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	48,762	55,062	+6,300
120	BASE OPERATING SUPPORT	103,580	103,580	---
	TOTAL, BUDGET ACTIVITY 1	1,106,177	1,107,977	+1,800
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130	ADMINISTRATION	1,927	1,927	---
140	MILITARY MANPOWER & PERSONNEL	15,895	15,895	---
160	ACQUISITION AND PROGRAM MANAGEMENT	3,047	3,047	---
	TOTAL, BUDGET ACTIVITY 4	20,869	20,869	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-3,100	-3,100
	RESTORE READINESS	---	30,000	+30,000
	TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	1,127,046	1,155,746	+28,700

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
1A1A	MISSION AND OTHER FLIGHT OPERATIONS	635,070	632,070	-3,000
	Insufficient justification		-3,000	
1C6C	COMBAT SUPPORT FORCES	132,862	131,362	-1,500
	Unjustified increase		-1,500	
BSMI	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	48,762	55,062	6,300
	Program increase		6,300	
	RESTORE READINESS		30,000	30,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-3,100	-3,100

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Fiscal year 2020 appropriation	$289,076,000
Fiscal year 2021 budget request	284,656,000
1Committee recommendation	322,706,000
Change from budget request	+38,050,000

The Committee recommends an appropriation of $322,706,000 for Operation and Maintenance, Marine Corps Reserve which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	EXPEDITIONARY FORCES			
10	OPERATING FORCES	104,616	104,616	---
20	DEPOT MAINTENANCE	17,053	17,053	---
30	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	41,412	50,412	+9,000
40	BASE OPERATING SUPPORT	107,773	107,773	---
	TOTAL, BUDGET ACTIVITY 1	270,854	279,854	+9,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
60	ADMINISTRATION	13,802	13,802	---
	TOTAL, BUDGET ACTIVITY 4	13,802	13,802	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-950	-950
	RESTORE READINESS	---	30,000	+30,000
	TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	284,656	322,706	+38,050

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
BSM	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	41,412	50,412	9,000
	Program increase		9,000	
	RESTORE READINESS		30,000	30,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-950	-950

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Fiscal year 2020 appropriation	$3,227,318,000
Fiscal year 2021 budget request	3,350,284,000
Committee recommendation	3,300,284,000
Change from budget request	−50,000,000

The Committee recommends an appropriation of $3,300,284,000 for Operation and Maintenance, Air Force Reserve which will provide the following program in fiscal year 2021:

(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	1,782,016	1,767,016	-15,000
20	MISSION SUPPORT OPERATIONS	215,209	214,209	-1,000
30	DEPOT MAINTENANCE	453,896	453,896	---
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	103,414	153,414	+50,000
70	CYBERSPACE ACTIVITIES	2,259	2,259	---
50	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	224,977	224,977	---
60	BASE OPERATING SUPPORT	452,468	446,468	-6,000
	TOTAL, BUDGET ACTIVITY 1	3,234,239	3,262,239	+28,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
70	ADMINISTRATION	74,258	74,258	---
80	RECRUITING AND ADVERTISING	23,121	23,121	---
90	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	12,006	12,006	---
100	OTHER PERSONNEL SUPPORT	6,165	6,165	---
110	AUDIOVISUAL	495	495	---
	TOTAL, BUDGET ACTIVITY 4	116,045	116,045	---
	HISTORICAL UNOBLIGATION	---	-3,000	-3,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-60,000	-60,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-45,000	-45,000
	RESTORE READINESS	---	30,000	+30,000
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	3,350,284	3,300,284	-50,000

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
11A	PRIMARY COMBAT FORCES	1,782,016	1,767,016	-15,000
	Insufficient jusification		-15,000	
11G	MISSION SUPPORT OPERATIONS	215,209	214,209	-1,000
	Insufficient justification		-1,000	
11R	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	103,414	153,414	50,000
	Program increase		50,000	
11Z	BASE OPERATING SUPPORT	452,468	446,468	-6,000
	Insufficient justification		-3,500	
	Unjustified personnel growth		-2,500	
	RESTORE READINESS		30,000	30,000
	HISTORICAL UNOBLIGATION		-3,000	-3,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-45,000	-45,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS		-60,000	-60,000

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Fiscal year 2020 appropriation	$7,461,947,000
Fiscal year 2021 budget request	7,420,014,000
Committee recommendation	7,611,147,000
Change from budget request	+191,133,000

The Committee recommends an appropriation of $7,611,147,000 for Operation and Maintenance, Army National Guard which will provide the following program in fiscal year 2021:

(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	769,449	769,449	---
20	MODULAR SUPPORT BRIGADES	204,604	204,604	---
30	ECHELONS ABOVE BRIGADE	812,072	812,072	---
40	THEATER LEVEL ASSETS	103,650	101,150	-2,500
50	LAND FORCES OPERATIONS SUPPORT	32,485	32,485	---
60	AVIATION ASSETS	1,011,142	1,011,142	---
	LAND FORCES READINESS			
70	FORCE READINESS OPERATIONS SUPPORT	712,881	713,414	+533
80	LAND FORCES SYSTEMS READINESS	47,732	47,732	---
90	LAND FORCES DEPOT MAINTENANCE	265,408	263,908	-1,500
	LAND FORCES READINESS SUPPORT			
100	BASE OPERATIONS SUPPORT	1,106,704	1,154,304	+47,600
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	876,032	1,064,032	+188,000
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,050,257	1,050,257	---
130	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	7,998	8,998	+1,000
140	CYBERSPACE ACTIVITIES - CYBERSECURITY	7,756	7,756	---
	TOTAL, BUDGET ACTIVITY 1	7,008,170	7,241,303	+233,133
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130	SERVICEWIDE TRANSPORTATION	8,018	8,018	---
140	ADMINISTRATION	74,309	78,309	+4,000
150	SERVICEWIDE COMMUNICATIONS	66,140	66,140	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
160	MANPOWER MANAGEMENT	9,087	9,087	---
170	RECRUITING AND ADVERTISING	251,714	251,714	---
180	REAL ESTATE MANAGEMENT	2,576	2,576	---
	TOTAL, BUDGET ACTIVITY 4	411,844	415,844	+4,000
	HISTORICAL UNOBLIGATION	---	-5,000	-5,000
	RESTORE READINESS	---	103,000	+103,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-50,000	-50,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-94,000	-94,000
	TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	7,420,014	7,611,147	+191,133

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
114	THEATER LEVEL ASSETS	103,650	101,150	-2,500
	Insufficient justification		-2,500	
121	FORCE READINESS OPERATIONS SUPPORT	712,881	713,414	533
	Program increase - advanced trauma training program		533	
123	LAND FORCES DEPOT MAINTENANCE	265,408	263,908	-1,500
	Insufficient justification		-1,500	
131	BASE OPERATIONS SUPPORT	1,106,704	1,154,304	47,600
	Program increase - PFAS remediation		47,600	
132	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	876,032	1,064,032	188,000
	Program increase		188,000	
151	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	7,998	8,998	1,000
	Program increase - cyber security training center		1,000	
431	ADMINISTRATION	74,309	78,309	4,000
	Program increase - State Partnership Program		3,500	
	Program increase - State Partnership virtual language		500	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-94,000	-94,000
	HISTORICAL UNOBLIGATION		-5,000	-5,000
	RESTORE READINESS		103,000	103,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS		-50,000	-50,000

JOINT FORCE HEADQUARTERS ANALYSIS CELLS

Intelligence fusion centers are information sharing hubs that provide threat-related information to federal, state, and local agencies. These centers allow the flexibility to determine which critical infrastructure areas merit the dedication of resources on each governmental level. The Committee recognizes that the National Guard Bureau is developing a Joint Force Headquarters Analysis Cell concept to expand state-level intelligence capabilities. As this work progresses, the Committee encourages the Chief, National Guard Bureau to consult with state-level entities, particularly individual state National Guard units who specialize in this area, to integrate key aspects of concepts that have already proved successful at the state level.

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Fiscal year 2020 appropriation	$6,655,292,000
Fiscal year 2021 budget request	6,753,642,000
Committee recommendation	6,853,942,000
Change from budget request	+100,300,000

The Committee recommends an appropriation of $6,853,942,000 for Operation and Maintenance, Air National Guard which will provide the following program in fiscal year 2021:

(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	2,476,205	2,464,205	-12,000
20	MISSION SUPPORT OPERATIONS	611,325	615,125	+3,800
30	DEPOT MAINTENANCE	1,138,919	1,118,919	-20,000
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	323,605	433,605	+110,000
80	CYBERSPACE ACTIVITIES	16,380	16,380	---
80	CYBERSPACE SUSTAINMENT	27,028	27,028	---
50	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,100,828	1,100,828	---
60	BASE OPERATING SUPPORT	962,438	978,938	+16,500
	TOTAL, BUDGET ACTIVITY 1	6,656,728	6,755,028	+98,300
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE ACTIVITIES			
70	ADMINISTRATION	48,218	48,218	---
80	RECRUITING AND ADVERTISING	48,696	45,696	-3,000
	TOTAL, BUDGET ACTIVITY 4	96,914	93,914	-3,000
	HISTORICAL UNOBLIGATION	---	-10,000	-10,000
	RESTORE READINESS	---	100,000	+100,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS	---	-25,000	-25,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-60,000	-60,000
	TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	6,753,642	6,853,942	+100,300

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
11F	AIRCRAFT OPERATIONS	2,476,205	2,464,205	-12,000
	Insufficient justification		-12,000	
11G	MISSION SUPPORT OPERATIONS	611,325	615,125	3,800
	Program increase - trauma training program		1,800	
	Program increase - State Partnership Program		1,500	
	Program increase - State Partnership virtual language		500	
11M	DEPOT MAINTENANCE	1,138,919	1,118,919	-20,000
	Unjustified increase		-20,000	
11R	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	323,605	433,605	110,000
	Program increase		110,000	
11Z	BASE OPERATING SUPPORT	962,438	978,938	16,500
	Program increase - PFAS remediation		16,500	
42J	RECRUITING AND ADVERTISING	48,696	45,696	-3,000
	Insufficient justification		-3,000	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-60,000	-60,000
	HISTORICAL UNOBLIGATION		-10,000	-10,000
	OVERESTIMATION OF CIVILIAN FTE TARGETS		-25,000	-25,000
	RESTORE READINESS		100,000	100,000

NATIONAL GUARD BUREAU STATE WEBSITE MODERNIZATION AND STANDARDIZATION

The Committee believes the Air National Guard must continuously strive to reach its recruitment and sustainment goals to meet the personnel needs of the National Guard Bureau. Meeting these goals requires improved technological outreach via a modernized digital experience. Website standardization, digital asset management, and workflow modernization are all elements required for effective recruitment and sustainment of National Guard forces in the 21st century. Currently, the Committee believes the Adjutant Generals for individual states lack the tools needed to refine and mirror the capabilities present at the federal level. Therefore, the Committee encourages the Chief of the Air National Guard to provide robust funding for recruiting and advertising programs to improve the digital experience, implement state specific website modernization, expand digital asset management, and modernize forms to improve workflow.

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

Fiscal year 2020 appropriation	$14,771,000
Fiscal year 2021 budget request	15,211,000
Committee recommendation	15,211,000
Change from budget request	– – –

The Committee recommends an appropriation of $15,211,000 for the United States Court of Appeals for the Armed Forces.

ENVIRONMENTAL RESTORATION, ARMY

Fiscal year 2020 appropriation	$251,700,000
Fiscal year 2021 budget request	207,518,000
Committee recommendation	264,285,000
Change from budget request	+56,767,000

The Committee recommends an appropriation of $264,285,000 for Environmental Restoration, Army.

ENVIRONMENTAL RESTORATION, NAVY

Fiscal year 2020 appropriation	$385,000,000
Fiscal year 2021 budget request	335,932,000
Committee recommendation	404,250,000
Change from budget request	+68,318,000

The Committee recommends an appropriation of $404,250,000 for Environmental Restoration, Navy.

ENVIRONMENTAL RESTORATION, AIR FORCE

Fiscal year 2020 appropriation	$485,000,000
Fiscal year 2021 budget request	303,926,000
Committee recommendation	509,250,000
Change from budget request	+205,324,000

The Committee recommends an appropriation of $509,250,000 for Environmental Restoration, Air Force.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Fiscal year 2020 appropriation	$19,002,000
Fiscal year 2021 budget request	9,105,000
Committee recommendation	19,952,000
Change from budget request	+10,847,000

The Committee recommends an appropriation of $19,952,000 for Environmental Restoration, Defense-Wide.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Fiscal year 2020 appropriation	$275,000,000
Fiscal year 2021 budget request	216,587,000
Committee recommendation	288,750,000
Change from budget request	+72,163,000

The Committee recommends an appropriation of $288,750,000 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 2020 appropriation	$135,000,000
Fiscal year 2021 budget request	109,900,000
Committee recommendation	147,500,000
Change from budget request	+37,600,000

The Committee recommends an appropriation of $147,500,000 for Overseas Humanitarian, Disaster, and Civic Aid, which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
FOREIGN DISASTER RELIEF	20,000	35,000	15,000
Program increase		15,000	
HUMANITARIAN ASSISTANCE	74,900	90,000	15,100
Program increase		15,100	
HUMANITARIAN MINE ACTION PROGRAM	15,000	22,500	7,500
Program increase		7,500	
TOTAL, OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	109,900	147,500	37,600

HUMANITARIAN ASSISTANCE

The Committee recommends an appropriation of $90,000,000 for Humanitarian Assistance, which is $15,100,000 above the budget request. The Committee supports the use of such assistance to strengthen basic education in host countries, which should be coordinated with other federal agencies and non-government organizations, as appropriate.

SPEND PLAN

The Committee remains interested in the details of funds provided for Humanitarian Assistance and the Humanitarian Mine

Program. As such, the Committee directs the Secretary of Defense to submit a spend plan to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act for funds for Humanitarian Assistance and the Humanitarian Mine Action Program. The plan shall include amounts planned for each combatant command and country and a comparison to such amounts provided in the previous two fiscal years. The Committee also directs the Secretary of Defense to include this detailed information as part of the Department's fiscal year 2022 budget request submission.

COOPERATIVE THREAT REDUCTION ACCOUNT

Fiscal year 2020 appropriation	$373,700,000
Fiscal year 2021 budget request	238,490,000
Committee recommendation	360,190,000
Change from budget request	+121,700,000

The Committee recommends an appropriation of $360,190,000 for the Cooperative Threat Reduction Account which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Strategic Offensive Arms Elimination	2,924	2,924	0
Chemical Weapons Destruction	11,806	11,806	0
Global Nuclear Security	20,152	35,852	15,700
Program increase—Global Nuclear Security		15,700	
Biological Threat Reduction Program	127,396	225,396	98,000
Program increase—Biological Threat Reduction Program		98,000	
Proliferation Prevention Program	52,064	60,064	8,000
Program increase—Proliferation Prevention Program		8,000	
Other Assessments/Admin Costs	24,148	24,148	0
TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT	238,490	360,190	121,700

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT

Fiscal year 2020 appropriation	$400,000,000
Fiscal year 2021 budget request	58,181,000
Committee recommendation	198,501,000
Change from budget request	+140,320,000

The Committee recommends an appropriation of $198,501,000 for the Department of Defense Acquisition Workforce Development Account which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
TRAINING AND DEVELOPMENT	55,386	174,801	119,415
Transfer from OM,A line 435; OM,N line 4B3N, and OM,AF line 41B		119,415	
RETENTION AND RECOGNITION	1,358	3,445	2,087
Transfer from OM,AF line 41B		2,087	

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS—Continued

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
RECRUITING AND HIRING	1,437	20,255	18,818
Transfer from OM,AF line 41B		18,818	
TOTAL, DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	58,181	198,501	140,320

TITLE III

PROCUREMENT

The fiscal year 2021 Department of Defense procurement budget request totals $130,866,091,000. The Committee recommendation provides $133,633,757,000 for the procurement accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
SUMMARY						
ARMY						
AIRCRAFT	---	3,074,594	---	3,503,013		+428,419
MISSILES	---	3,491,507	---	3,419,333		-72,174
WEAPONS AND TRACKED COMBAT VEHICLES	---	3,696,740	---	3,696,263		-477
AMMUNITION	---	2,777,716	---	2,789,898		+12,182
OTHER	---	8,625,206	---	8,453,422		-171,784
TOTAL, ARMY	---	21,665,763	---	21,861,929		+196,166
NAVY						
AIRCRAFT	---	17,127,378	---	17,710,109		+582,731
WEAPONS	---	4,884,995	---	4,378,594		-506,401
AMMUNITION	---	883,602	---	795,134		-88,468
SHIPS	---	19,902,757	---	22,257,938		+2,355,181
OTHER	---	10,948,518	---	9,986,796		-961,722
MARINE CORPS	---	2,903,976	---	2,693,354		-210,622
TOTAL, NAVY	---	56,651,226	---	57,821,925		+1,170,699
AIR FORCE						
AIRCRAFT	---	17,908,145	---	19,587,853		+1,679,708
MISSILES	---	2,396,417	---	2,249,157		-147,260
AMMUNITION	---	596,338	---	609,338		+13,000
OTHER		23,695,720		23,603,470		-92,250
TOTAL, AIR FORCE	---	44,596,620	---	46,049,818		+1,453,198
SPACE FORCE						
SPACE PROGRAMS		2,446,064		2,289,934		-156,130
TOTAL, SPACE FORCE		2,446,064		2,289,934		-156,130
DEFENSE-WIDE						
DEFENSE-WIDE	---	5,324,487	---	5,418,220		+93,733
DEFENSE PRODUCTION ACT PURCHASES	---	181,931	---	191,931		+10,000
TOTAL PROCUREMENT		130,866,091		133,633,757		+2,767,666

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

(INCLUDING BASE AND OVERSEAS CONTINGENCY OPERATIONS FUNDING)

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.

AUTONOMIC LOGISTICS INFORMATION SYSTEM

The budget justification documents submitted with the fiscal year 2021 budget request indicate that the Department of Defense has received $394,017,000 through fiscal year 2020 for equipment related to the Autonomic Logistics Information System (ALIS) for the F–35 Joint Strike Fighter. The request for ALIS equipment in fiscal year 2021 is $59,361,000 across all variants of the F–35, an increase of $17,498,000 over fiscal year 2020.

The Committee recommends funding this request only because there is little choice but to sustain the F–35 enterprise with the existing ALIS until the Department determines a clear path to transitioning to a new system. Although ALIS is an integral part of the F–35 weapon system, the evidence to date indicates the initial design and implementation of ALIS has failed to meet its intended purpose. Rather than facilitating the maintenance and readiness of F–35 aircraft, ALIS perversely absorbs additional personnel and time to remedy its common problems and institute workarounds. The Government Accountability Office has reported continuing problems with ALIS such as a lack of trustworthy data and a high number of deficiency reports.

The parallels to the Air Force's recent experience with the Remote Visual System (RVS) on the KC–46 are noticeable. Like the RVS system until recently, the development of the ALIS system has suffered from vague requirements, lack of objective performance measures, a design based on hardware and software that has been overtaken by technological innovation during the program's prolonged development, overreliance on the assumption that the prime contractor is properly incentivized to deliver a system that meets the needs of the warfighter, and a lack of senior leadership intervention until the problems became too large to ignore.

The Committee acknowledges that the Department currently is pursuing efforts to improve the existing ALIS while planning to transition to a new system known as the Operational Data Integrated Network (ODIN), the plan for which has not been fully developed. It is unclear whether this new approach is adequately resourced, and the Committee is concerned that the present attention to ALIS again will be overcome by the demands of managing changes to the air vehicle itself as the Department proceeds through follow-on modernization. Based on the information provided thus far, it appears that ODIN likely will result in significant dematerialization of the ALIS system by transitioning capabilities currently hosted on individual servers to a cloud-based environment, therefore rendering much of the currently procured equipment unnecessary.

Therefore, the Committee directs the Director of the F–35 Joint Program Office to submit a report that includes an estimate of the full procurement cost of equipment required to support the legacy ALIS for all aircraft in the program of record, as well as an estimate of the cost savings in equipment procurement that can be derived from the transition to ALIS Next and subsequent transition to ODIN. This report shall be submitted to the congressional defense committees not later than 90 days after the enactment of this Act.

USE OF ADVANCED PROCUREMENT FUNDING

In many instances the Committee supports departmental requests for advanced procurement (AP) funding. As reflected in the Department's Financial Management Regulation (FMR), AP funding is provided in a fiscal year prior to the year in which the related end item is to be procured. This allows for the early funding of long-lead components in order to preserve an orderly delivery schedule for that major end item. When authorized, AP may also

be used to fund economic quantity orders under a multiyear contract in order to promote supplier stability and save money compared to annual contracting.

The Committee notes that there have been recent instances in which the Department has not used AP funding for its intended and legitimate purpose, but instead has treated it either as incremental funding or as a fungible source of money that can be used for any and all purposes within the related program. This situation has arisen in cases where AP funding has been requested and received, but the quantities of end items to be procured in the succeeding year has changed.

The Committee directs the Under Secretary of Defense (Comptroller) to ensure that AP funds are both requested and executed properly according to the FMR. The Committee will continue to exercise its proper role by denying or rescinding funds for AP that are not used appropriately.

AIRCRAFT PROCUREMENT, ARMY

Fiscal year 2020 appropriation	$3,771,329,000
Fiscal year 2021 budget request	3,074,594,000
Committee recommendation	3,503,013,000
Change from budget request	+428,419,000

The Committee recommends an appropriation of $3,503,013,000 for Aircraft Procurement, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT						
	FIXED WING						
3	FUTURE UAS FAMILY	---	1,100	---	1,100	---	---
4	RQ-11 (RAVEN)	---	20,851	---	20,851	---	---
	ROTARY						
7	AH-64 APACHE BLOCK IIIA REMAN	50	792,027	50	792,027	---	---
8	AH-64 APACHE BLOCK IIIA REMAN (AP-CY)	---	169,460	---	169,460	---	---
11	UH-60 BLACKHAWK (MYP)	36	742,998	42	866,296	+6	+123,298
12	UH-60 BLACKHAWK (MYP) (AP-CY)	---	87,427	---	87,427	---	---
13	UH-60 BLACKHAWK A AND L MODELS	24	172,797	24	172,797	---	---
14	CH-47 HELICOPTER	6	160,750	11	323,787	+5	+163,037
15	CH-47 HELICOPTER (AP-CY)	---	18,372	---	47,372	---	+29,000
	TOTAL, AIRCRAFT	---	2,165,782	---	2,481,117		+315,335
	MODIFICATION OF AIRCRAFT						
18	UNIVERSAL GROUND CONTROL EQUIPMENT	---	7,509	---	7,509	---	---
19	GRAY EAGLE MODS2	---	16,280	---	30,280	---	+14,000
20	MULTI SENSOR ABN RECON (MIP)	---	35,864	---	35,864	---	---
21	AH-64 MODS	---	118,316	---	110,576	---	-7,740
22	CH-47 CARGO HELICOPTER MODS	---	15,548	---	15,548	---	---
23	GRCS SEMA MODS (MIP)	---	2,947	---	2,947	---	---
24	ARL SEMA MODS (MIP)	---	9,598	---	9,598	---	---
25	EMARSS SEMA MODS (MIP)	---	2,452	---	2,452	---	---
26	UTILITY/CARGO AIRPLANE MODS	---	13,868	---	13,868	---	---
27	UTILITY HELICOPTER MODS	---	25,842	---	40,842	---	+15,000
28	NETWORK AND MISSION PLAN	---	77,432	---	77,432	---	---
29	COMMS, NAV SURVEILLANCE	---	101,355	---	101,355	---	---
31	AVIATION ASSURED PNT	---	54,609	---	54,609	---	---
32	GATM ROLLUP	---	12,180	---	12,180	---	---
34	UAS MODS	---	4,204	---	4,204	---	---
	TOTAL, MODIFICATION OF AIRCRAFT	---	498,004	---	519,264		+21,260
	SUPPORT EQUIPMENT AND FACILITIES						
	GROUND SUPPORT AVIONICS						
35	AIRCRAFT SURVIVABILITY EQUIPMENT	---	49,455	---	44,455	---	-5,000
36	SURVIVABILITY CM	---	8,035	---	8,035	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
37	CMWS	---	10,567	---	10,567	---	---
38	COMMON INFRARED COUNTERMEASURES	120	237,467	120	237,467	---	---
	OTHER SUPPORT						
39	AVIONICS SUPPORT EQUIPMENT	---	1,789	---	1,789	---	---
40	COMMON GROUND EQUIPMENT	---	17,584	---	16,408	---	-1,176
41	AIRCREW INTEGRATED SYSTEMS	---	48,265	---	46,265	---	-2,000
42	AIR TRAFFIC CONTROL	---	26,408	---	26,408	---	---
44	LAUNCHER, 2.75 ROCKET	---	2,256	---	2,256	---	---
45	LAUNCHER GUIDED MISSILE: LONGBOW HELLFIRE XM2	---	8,982	---	8,982	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	100,000	---	+100,000
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	---	410,808	---	502,632		+91,824
	TOTAL, AIRCRAFT PROCUREMENT, ARMY	---	3,074,594	---	3,503,013		+428,419

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
11	**UH-60 BLACKHAWK (MYP)**	**742,998**	**866,296**	**123,298**
	Program increase - six HH-60M for the National Guard		141,000	
	Excess fielding costs		-17,702	
14	**CH-47 HELICOPTER**	**160,750**	**323,787**	**163,037**
	Program increase - F Block II		198,000	
	MH-47G SLEP unit cost increase		-34,963	
15	**CH-47 HELICOPTER (AP-CY)**	**18,372**	**47,372**	**29,000**
	Program increase - F Block II		29,000	
19	**GRAY EAGLE MODS2**	**16,280**	**30,280**	**14,000**
	Program increase - link 16 communications upgrade for MQ-1C		14,000	
21	**AH-64 MODS**	**118,316**	**110,576**	**-7,740**
	Sensors cost growth		-7,740	
27	**UTILITY HELICOPTER MODS**	**25,842**	**40,842**	**15,000**
	Program increase - enhanced ballistic protection system		10,000	
	Program increase - tail rotor drive system		5,000	
35	**AIRCRAFT SURVIVABILITY EQUIPMENT**	**49,455**	**44,455**	**-5,000**
	Costs previously funded		-5,000	
40	**COMMON GROUND EQUIPMENT**	**17,584**	**16,408**	**-1,176**
	SCAMP II fielding costs previously funded		-1,176	
41	**AIRCREW INTEGRATED SYSTEMS**	**48,265**	**46,265**	**-2,000**
	Airframe kit install excess growth		-2,000	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**100,000**	**100,000**

CH–47F CHINOOK BLOCK II

The Committee remains concerned with the Army's lack of support for the CH–47F Block II program. The Chief of Staff of the Army certified the need for this capability less than three years ago and the Department of Defense Appropriations Act, 2020 outlined certain expectations for future CH–47F Block II funding. The Committee recommendation includes an additional $198,000,000 for the first five F Block II aircraft in fiscal year 2021, and an additional $29,000,000 in advanced procurement to enable the second lot of five F Block II aircraft in fiscal year 2022. The Committee expects the Secretary of the Army to restore funding for the CH–47F Block II program across the next future years defense program when the fiscal year 2022 budget request is submitted.

DEGRADED VISUAL ENVIRONMENT

The Degraded Visual Environment Pilotage System (DVEPS) is a quick reaction capability on MH–60, MH–47, and HH–60 rotorcraft. The Committee is concerned that the Army has not developed a comprehensive strategy to transition DVEPS to a Degraded Visual Environment program of record for enduring future vertical lift platforms. Operational testing of DVEPS has demonstrated increased situational awareness of hazards during all phases of flight, a key enabler for aircraft to fly in multi-domain operations using tactics, techniques, and procedures to counter anti-access, area denial threats. The Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act which outlines DVEPS role in future vertical lift platforms.

MISSILE PROCUREMENT, ARMY

Fiscal year 2020 appropriation	$2,995,673,000
Fiscal year 2021 budget request	3,491,507,000
Committee recommendation	3,419,333,000
Change from budget request	−72,174,000

The Committee recommends an appropriation of $3,419,333,000 for Missile Procurement, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	MISSILE PROCUREMENT, ARMY						
	OTHER MISSILES						
	SURFACE-TO-AIR MISSILE SYSTEM						
2	M-SHORAD - PROCUREMENT	50	378,654	50	374,587	---	-4,067
3	MSE MISSILE	122	603,188	122	603,188	---	---
4	PRECISION STRIKE MISSILE (PRSM)	30	49,941	30	49,941	---	---
5	INDIRECT FIRE PROTECTION CAPABILITY	---	106,261	---	25,003	---	-81,258
	AIR-TO-SURFACE MISSILE SYSTEM						
6	HELLFIRE SYS SUMMARY	428	91,225	428	91,225	---	---
7	JOINT AIR-TO-GROUND MSLS (JAGM)	657	213,397	574	196,548	-83	-16,849
8	LONG RANGE PRESCISION MUNITION	---	45,307	---	45,307	---	---
	ANTI-TANK/ASSAULT MISSILE SYSTEM						
9	JAVELIN (AAWS-M) SYSTEM SUMMARY	773	190,325	773	190,325	---	---
10	TOW 2 SYSTEM SUMMARY	1,405	121,074	1,405	121,074	---	---
11	GUIDED MLRS ROCKET (GMLRS)	5,384	850,157	5,384	845,157	---	-5,000
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	3,270	30,836	3,270	30,836	---	---
13	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	5	41,226	5	51,226	---	+10,000
	TOTAL, OTHER MISSILES	---	2,721,591	---	2,624,417		-97,174
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
16	PATRIOT MODS	---	278,050	---	278,050	---	---
17	ATACMS MODS	---	141,690	---	141,690	---	---
20	AVENGER MODS	---	13,942	---	13,942	---	---
21	ITAS/TOW MODS	---	5,666	---	5,666	---	---
22	MLRS MODS	---	310,419	---	310,419	---	---
23	HIMARS MODIFICATIONS	---	6,081	---	6,081	---	---
	TOTAL, MODIFICATION OF MISSILES	---	755,848	---	755,848		---
	SPARES AND REPAIR PARTS						
24	SPARES AND REPAIR PARTS	---	5,090	---	5,090	---	---
	SUPPORT EQUIPMENT AND FACILITIES						
25	AIR DEFENSE TARGETS	---	8,978	---	8,978	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	---	8,978	---	33,978		+25,000
	TOTAL, MISSILE PROCUREMENT, ARMY		3,491,507		3,419,333		-72,174

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	M-SHORAD - PROCUREMENT	378,654	374,587	-4,067
	Production costs previously funded		-4,067	
5	INDIRECT FIRE PROTECTION CAPABILITY	106,261	25,003	-81,258
	Army identified excess		-40,500	
	Excess to need		-40,758	
7	JOINT AIR-TO-GROUND MSLS (JAGM)	213,397	196,548	-16,849
	Contract delays		-16,849	
11	GUIDED MLRS ROCKET (GMLRS)	850,157	845,157	-5,000
	Excess tooling request		-5,000	
13	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	41,226	51,226	10,000
	Army requested transfer from OM,A line 121		10,000	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		25,000	25,000

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Fiscal year 2020 appropriation	$4,663,597,000
Fiscal year 2021 budget request	3,696,740,000
Committee recommendation	3,696,263,000
Change from budget request	−477,000

The Committee recommends an appropriation of $3,696,263,000 for Procurement of Weapons and Tracked Combat Vehicles, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY						
	TRACKED COMBAT VEHICLES						
2	ARMORED MULTI PURPOSE VEHICLE (AMPV)	32	192,971	---	15,851	-32	-177,120
	MODIFICATION OF TRACKED COMBAT VEHICLES						
4	STRYKER UPGRADE	154	847,212	259	1,164,152	+105	+316,940
5	BRADLEY PROGRAM (MOD)	---	493,109	---	430,759	---	-62,350
6	M109 FOV MODIFICATIONS	---	26,893	---	26,893	---	---
7	PALADIN PIPM MOD IN SERVICE	30	435,825	30	435,825	---	---
9	ASSAULT BRIDGE (MOD)	---	5,074	---	5,074	---	---
10	ASSAULT BREACHER VEHICLE	4	19,500	4	19,500	---	---
11	M88 FOV MODS	---	18,382	---	18,382	---	---
12	JOINT ASSAULT BRIDGE	14	72,178	---	---	-14	-72,178
13	M1 ABRAMS TANK (MOD)	---	392,013	---	375,107	---	-16,906
14	ABRAMS UPGRADE PROGRAM	89	1,033,253	89	1,020,389	---	-12,864
	TOTAL, TRACKED COMBAT VEHICLES	---	3,536,410	---	3,511,932		-24,478
	WEAPONS AND OTHER COMBAT VEHICLES						
15	M240 MEDIUM MACHINE GUN (7.62MM)	---	17,864	---	17,864	---	---
15	M240 MEDIUM MACHINE GUN (7.62MM)	---	10,288	---	10,288	---	---
19	XM320 GRENADE LAUNCHER MODULE (GLM)	---	5,969	---	5,969	---	---
20	PRECISION SNIPER RIFLE	---	10,137	---	10,137	---	---
21	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	---	999	---	---	---	-999
22	CARBINE	---	7,411	---	7,411	---	---
23	NEXT GENERATION SQUAD WEAPON	---	35,822	---	35,822	---	---
24	COMMON REMOTELY OPERATED WEAPONS STATION	---	24,534	---	24,534	---	---
25	MODULAR HANDGUN SYSTEM	---	4,662	---	4,662	---	---
	MOD OF WEAPONS AND OTHER COMBAT VEH						
26	MK-19 GRENADE MACHINE GUN MODS	---	6,444	---	6,444	---	---
27	M777 MODS	---	10,983	---	10,983	---	---
28	M4 CARBINE MODS	---	4,824	---	4,824	---	---
31	M240 MEDIUM MACHINE GUN MODS	---	6,385	---	6,385	---	---
32	SNIPER RIFLES MODIFICATIONS	---	1,898	---	1,898	---	---
33	M119 MODIFICATIONS	---	2,009	---	2,009	---	---
34	MORTAR MODIFICATION	---	1,689	---	1,689	---	---
35	MODIFICATIONS LESS THAN $5.0M (WOCV-WTCV)	---	2,604	---	2,604	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SUPPORT EQUIPMENT AND FACILITIES						
36	ITEMS LESS THAN $5.0M (WOCV-WTCV)	---	2,763	---	2,763	---	---
37	PRODUCTION BASE SUPPORT (WOCV-WTCV)	---	3,045	---	3,045	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES	---	160,330	---	184,331		+24,001
	TOTAL, PROCUREMENT OF W&TCV, ARMY	---	3,696,740	---	3,696,263		-477

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	ARMORED MULTI PURPOSE VEHICLE (AMPV)	192,971	15,851	-177,120
	Early to need		-177,120	
4	STRYKER UPGRADE	847,212	1,164,152	316,940
	Program increase		375,000	
	CROWS-J delay		-39,160	
	Unit cost growth		-18,900	
5	BRADLEY PROGRAM (MOD)	493,109	430,759	-62,350
	UBIS insufficient justification		-40,000	
	Excess carryover		-17,350	
	TADSS excess growth		-5,000	
12	JOINT ASSAULT BRIDGE	72,178	0	-72,178
	Testing delays		-72,178	
13	M1 ABRAMS TANK (MOD)	392,013	375,107	-16,906
	APS excess to need		-11,171	
	Excess carryover		-5,735	
14	ABRAMS UPGRADE PROGRAM	1,033,253	1,020,389	-12,864
	Excess carryover		-9,377	
	Price savings		-3,487	
21	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	999	0	-999
	Early to need		-999	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		25,000	25,000

MK93 MACHINE GUN MOUNT

The Committee believes that the MK93 machine gun mount upgrade will improve existing systems and supports Army modernization investments that rely on the performance of the MK93 mount. The Committee encourages the Secretary of the Army to include funding for the MK93 machine gun mount upgrade in future budget requests, as well as details on the Army's plan to develop and deploy the previously funded upgrade.

PROCUREMENT OF AMMUNITION, ARMY

Fiscal year 2020 appropriation	$2,578,575,000
Fiscal year 2021 budget request	2,777,716,000
Committee recommendation	2,789,898,000
Change from budget request	+12,182,000

The Committee recommends an appropriation of $2,789,898,000 for Procurement of Ammunition, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE 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	---	68,472	---	63,403	---	-5,069
2	CTG, 7.62MM, ALL TYPES	---	109,933	---	103,303	---	-6,630
3	NEXT GENERATION SQUAD WEAPON AMMUNITION	---	11,988	---	11,988	---	---
4	CTG, HANDGUN, ALL TYPES	---	853	---	853	---	---
5	CTG, .50 CAL, ALL TYPES	---	58,280	---	58,280	---	---
6	CTG, 20MM, ALL TYPES	---	31,708	---	31,708	---	---
7	CTG, 25MM, ALL TYPES	---	9,111	---	9,111	---	---
8	CTG, 30MM, ALL TYPES	---	58,172	---	56,192	---	-1,980
9	CTG, 40MM, ALL TYPES	---	114,638	---	109,934	---	-4,704
	MORTAR AMMUNITION						
10	60MM MORTAR, ALL TYPES	---	31,222	---	31,222	---	---
11	81MM MORTAR, ALL TYPES	---	42,857	---	42,857	---	---
12	120MM MORTAR, ALL TYPES	---	107,762	---	107,762	---	---
	TANK AMMUNITION						
13	CTG TANK 105MM AND 120MM: ALL TYPES	---	233,444	---	231,955	---	-1,489
	ARTILLERY AMMUNITION						
14	CTG, ARTY, 75MM AND 105MM: ALL TYPES	---	35,963	---	35,963	---	---
15	ARTILLERY PROJECTILE, 155MM, ALL TYPES	---	293,692	---	308,692	---	+15,000
16	PROJ 155MM EXTENDED RANGE XM982	597	69,159	597	64,909	---	-4,250
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES	---	232,913	---	225,337	---	-7,576
	MINES						
18	MINES AND CLEARING CHARGES, ALL TYPES	---	65,278	---	48,966	---	-16,312
19	CLOSE TERRAIN SHAPING OBSTACLE	---	4,995	---	4,995	---	---
	ROCKETS						
20	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	---	69,112	---	69,112	---	---
21	ROCKET, HYDRA 70, ALL TYPES	---	125,915	---	125,915	---	---
	OTHER AMMUNITION						
22	CAD/PAD ALL TYPES	---	8,891	---	8,891	---	---
23	DEMOLITION MUNITIONS, ALL TYPES	---	54,043	---	41,235	---	-12,808
24	GRENADES, ALL TYPES	---	28,931	---	28,931	---	---
25	SIGNALS, ALL TYPES	---	27,036	---	27,036	---	---
26	SIMULATORS, ALL TYPES	---	10,253	---	10,253	---	---
	MISCELLANEOUS						
27	AMMO COMPONENTS, ALL TYPES	---	3,476	---	3,476	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
29	ITEMS LESS THAN $5 MILLION	---	10,569	---	10,569	---	---
30	AMMUNITION PECULIAR EQUIPMENT	---	12,338	---	12,338	---	---
31	FIRST DESTINATION TRANSPORTATION (AMMO)	---	15,908	---	15,908	---	---
32	CLOSEOUT LIABILITIES	---	99	---	99	---	---
	TOTAL, AMMUNITION	---	1,947,011	---	1,901,193		-45,818
	AMMUNITION PRODUCTION BASE SUPPORT						
	PRODUCTION BASE SUPPORT						
33	PROVISION OF INDUSTRIAL FACILITIES	---	592,224	---	625,224	---	+33,000
34	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL	---	235,112	---	235,112	---	---
35	ARMS INITIATIVE	---	3,369	---	3,369	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT	---	830,705	---	888,705		+58,000
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	---	2,777,716	---	2,789,898		+12,182

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	CTG, 5.56MM, ALL TYPES	68,472	63,403	-5,069
	E04607 unit cost growth		-2,178	
	E095700 unit cost growth		-2,891	
2	CTG, 7.62MM, ALL TYPES	109,933	103,303	-6,630
	E01902 unit cost growth		-2,983	
	E02012 unit cost growth		-3,647	
8	CTG, 30MM, ALL TYPES	58,172	56,192	-1,980
	E09191 unit cost growth		-1,980	
9	CTG, 40MM, ALL TYPES	114,638	109,934	-4,704
	E05611 production engineering previously funded		-4,704	
13	CTG TANK 105MM AND 120MM: ALL TYPES	233,444	231,955	-1,489
	E73201 unit cost growth		-1,489	
15	ARTILLERY PROJECTILE, 155MM, ALL TYPES	293,692	308,692	15,000
	Program increase - XM1128		15,000	
16	PROJ 155MM EXTENDED RANGE XM982	69,159	64,909	-4,250
	E80103 unit cost growth		-4,250	
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES	232,913	225,337	-7,576
	MOFA early to need		-7,576	
18	MINES AND CLEARING CHARGES, ALL TYPES	65,278	48,966	-16,312
	Excess to need		-16,312	
23	DEMOLITION MUNITIONS, ALL TYPES	54,043	41,235	-12,808
	SLAM schedule delays		-12,808	
33	PROVISION OF INDUSTRIAL FACILITIES	592,224	625,224	33,000
	Program increase - safety and environmental upgrades		25,000	
	Program increase - lightweight ammunition manufacturing		8,000	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		25,000	25,000

SUSTAINMENT OF MUNITIONS

The Joint Munitions Command provides the Army and the Joint Force with ready, reliable, lethal munitions to sustain global operations. However, challenges exist to the organic industrial base in securing the supply chain for a wide range of systems, including munitions. The Committee believes that additional steps must be taken to ensure the continued implementation of life-cycle needs for ammunition. Therefore, the Committee directs the Secretary of the Army to submit a report to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, which outlines the Army's sustainment efforts as part of the overall life-cycle management of all munitions programs. The report shall include a review of potential cost savings and operational efficiencies gained by centralizing the sustainment of munitions and explore how an automated process could determine the critical levels of requirements and resources necessary to fulfill them.

OTHER PROCUREMENT, ARMY

Fiscal year 2020 appropriation	$7,581,524,000
Fiscal year 2021 budget request	8,625,206,000
Committee recommendation	8,453,422,000
Change from budget request	−171,784,000

The Committee recommends an appropriation of $8,453,422,000 for Other Procurement, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES						
	TACTICAL VEHICLES						
1	TACTICAL TRAILERS/DOLLY SETS	---	12,986	---	9,653	---	-3,333
2	SEMITRAILERS, FLATBED:	---	31,443	---	26,698	---	-4,745
3	SEMITRAILERS, TANKERS	---	17,082	---	17,082	---	---
4	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)	---	44,795	---	144,472	---	+99,677
5	GROUND MOBILITY VEHICLES (GMV)	---	37,932	---	37,932	---	---
6	ARNG HMMWV MODERNIZATION PROGRAM	---	---	---	100,000	---	+100,000
7	JOINT LIGHT TACTICAL VEHICLE	---	894,414	---	884,414	---	-10,000
9	TRUCK, DUMP, 20t (CCE)	---	29,368	---	29,368	---	---
10	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	---	95,092	---	138,092	---	+43,000
11	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C)	---	999	---	999	---	---
12	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN	---	27,687	---	27,687	---	---
14	PLS ESP	---	21,969	---	21,969	---	---
15	HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	---	65,635	---	92,635	---	+27,000
16	HMMWV RECAPITALIZATION PROGRAM	---	5,927	---	---	---	-5,927
17	TACTICAL WHEELED VEHICLE PROTECTION KITS	---	36,497	---	36,497	---	---
18	MODIFICATION OF IN SVC EQUIP	---	114,977	---	21,227	---	-93,750
	NON-TACTICAL VEHICLES						
20	PASSENGER CARRYING VEHICLES	---	1,246	---	1,246	---	---
21	NONTACTICAL VEHICLES, OTHER	---	19,870	---	4,968	---	-14,902
	TOTAL, TACTICAL AND SUPPORT VEHICLES	---	1,457,919	---	1,594,939		+137,020
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM - JOINT COMMUNICATIONS						
22	SIGNAL MODERNIZATION PROGRAM	---	160,469	---	151,179	---	-9,290
23	TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE	---	360,379	---	347,782	---	-12,597
24	SITUATION INFORMATION TRANSPORT	---	63,396	---	63,396	---	---
26	JCSE EQUIPMENT (USREDCOM)	---	5,170	---	5,170	---	---
	COMM - SATELLITE COMMUNICATIONS						
29	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	---	101,498	---	101,498	---	---
30	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	---	72,450	---	68,750	---	-3,700
31	SHF TERM	---	13,173	---	13,173	---	---
32	ASSURED POSITIONING, NAVIGATION AND TIMING	---	134,928	---	134,928	---	---
33	SMART-T (SPACE)	---	8,611	---	8,611	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
34	GLOBAL BRDCST SVC - GBS	---	8,191	---	8,191	---	---
	COMM - COMBAT SUPPORT COMM						
	COMM - C3 SYSTEM						
36	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	---	94,871	---	88,950	---	-5,921
	COMM - COMBAT COMMUNICATIONS						
37	HANDHELD MANPACK SMALL FORM FIT (HMS)	---	550,848	---	550,848	---	---
38	RADIO TERMINAL SET, MIDS LVT(2)	---	8,237	---	8,237	---	---
41	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE	---	13,967	---	---	---	-13,967
43	UNIFIED COMMAND SUITE	---	19,579	---	19,579	---	---
44	COTS COMMUNICATIONS EQUIPMENT	---	94,156	---	86,956	---	-7,200
45	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	---	18,313	---	18,313	---	---
46	ARMY COMMUNICATIONS & ELECTRONICS	---	51,480	---	51,480	---	---
	COMM - INTELLIGENCE COMM						
48	CI AUTOMATION ARCHITECTURE (MIP)	---	13,146	---	13,146	---	---
49	DEFENSE MILITARY DECEPTION INITIATIVE	---	5,624	---	5,624	---	---
	INFORMATION SECURITY						
51	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	---	4,596	---	4,596	---	---
52	COMMUNICATIONS SECURITY (COMSEC)	---	159,272	---	159,272	---	---
53	DEFENSIVE CYBER OPERATIONS	---	54,753	---	53,153	---	-1,600
54	INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITOR	---	1,760	---	1,760	---	---
55	PERSISTENT CYBER TRAINING ENVIRONMENT	---	260	---	260	---	---
	COMM - LONG HAUL COMMUNICATIONS						
57	BASE SUPPORT COMMUNICATIONS	---	29,761	---	29,761	---	---
	COMM - BASE COMMUNICATIONS						
58	INFORMATION SYSTEMS	---	147,696	---	147,696	---	---
59	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	---	4,900	---	---	---	-4,900
60	HOME STATION MISSION COMMAND CENTERS (HSMCC)	---	15,227	---	15,227	---	---
61	JOINT INFORMATION ENVIRONMENT (JIE)	---	3,177	---	3,177	---	---
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	---	300,035	---	300,035	---	---
	ELECT EQUIP						
	ELECT EQUIP - TACT INT REL ACT (TIARA)						
65	JTT/CIBS-M (MIP)	---	5,304	---	5,304	---	---
66	TERRESTRIAL LAYER SYSTEMS (TLS) (MIP)	---	8,081	---	---	---	-8,081
68	DCGS-A (MIP)	---	151,886	---	149,886	---	-2,000
70	TROJAN (MIP)	---	17,593	---	17,593	---	---
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	---	28,558	---	66,058	---	+37,500

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
73	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	---	999	---	999	---	---
	ELECT EQUIP - ELECTRONIC WARFARE (EW)						
75	LIGHTWEIGHT COUNTER MORTAR RADAR	---	5,332	---	5,332	---	---
76	EW PLANNING AND MANAGEMENT TOOLS	---	7,849	---	7,849	---	---
77	AIR VIGILANCE (AV)	---	8,160	---	8,160	---	---
79	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST	---	8,669	---	8,669	---	---
82	CI MODERNIZATION (MIP)	---	300	---	300	---	---
	ELECT EQUIP - TACTICAL SURV. (TAC SURV)						
83	SENTINEL MODS	---	58,884	---	58,884	---	---
84	NIGHT VISION DEVICES	---	1,127,375	---	891,806	---	-235,569
86	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	---	13,954	---	7,715	---	-6,239
88	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	---	10,069	---	20,069	---	+10,000
89	FAMILY OF WEAPON SIGHTS (FWS)	---	133,590	---	133,590	---	---
91	JOINT BATTLE COMMAND - PLATFORM (JBC-P)	---	243,850	---	243,850	---	---
92	JOINT EFFECTS TARGETING SYSTEM (JETS)	---	69,641	---	---	---	-69,641
94	COMPUTER BALLISTICS: LHMBC XM32	---	7,509	---	7,509	---	---
95	MORTAR FIRE CONTROL SYSTEM	---	3,800	---	3,800	---	---
96	MORTAR FIRE CONTROL SYSTEM MODIFICATIONS	---	7,292	---	7,292	---	---
97	COUNTERFIRE RADARS	---	72,421	---	72,421	---	---
	ELECT EQUIP - TACTICAL C2 SYSTEMS						
98	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE	---	49,947	---	---	---	-49,947
99	FIRE SUPPORT C2 FAMILY	---	9,390	---	9,390	---	---
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD	---	47,374	---	47,374	---	---
101	IAMD BATTLE COMMAND SYSTEM	---	201,587	---	198,587	---	-3,000
102	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	---	4,495	---	2,495	---	-2,000
103	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	---	18,651	---	18,651	---	---
105	GLOBAL COMBAT SUPPORT SYSTEM-ARMY	---	2,792	---	2,792	---	---
106	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY	---	9,071	---	9,071	---	---
107	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	---	12,117	---	12,117	---	---
108	MOD OF IN-SERVICE EQUIPMENT (ENFIRE)	---	3,004	---	14,004	---	+11,000
	ELECT EQUIP - AUTOMATION						
109	ARMY TRAINING MODERNIZATION	---	14,574	---	14,574	---	---
110	AUTOMATED DATA PROCESSING EQUIPMENT	---	140,619	---	138,619	---	-2,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
111	GENERAL FUND ENTERPRISE BUSINESS SYSTEM	---	4,448	---	4,448	---	---
112	HIGH PERF COMPUTING MOD PROGRAM	---	68,405	---	68,405	---	---
113	CONTRACT WRITING SYSTEM	---	8,459	---	8,459	---	---
114	CSS COMMUNICATIONS	---	57,651	---	51,129	---	-6,522
115	RESERVE COMPONENT AUTOMATION SYS (RCAS)	---	14,848	---	14,848	---	---
117	ELECT EQUIP - AUDIO VISUAL SYS (A/V) ITEMS LESS THAN $5M (SURVEYING EQUIPMENT)	---	4,995	---	4,995	---	---
119	ELECT EQUIP - SUPPORT BCT EMERGING TECHNOLOGIES	---	16,983	---	8,491	---	-8,492
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	---	5,200,449	---	4,806,283		-394,166
121	OTHER SUPPORT EQUIPMENT CHEMICAL DEFENSIVE EQUIPMENT FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	---	---	---	7,000	---	+7,000
123	CBRN DEFENSE	---	28,456	---	28,456	---	---
124	SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM)	---	13,995	---	13,995	---	---
125	BRIDGING EQUIPMENT TACTICAL BRIDGING	---	10,545	---	10,545	---	---
126	TACTICAL BRIDGE, FLOAT-RIBBON	---	72,074	---	72,074	---	---
127	BRIDGE SUPPLEMENTAL SET	---	32,493	---	32,493	---	---
128	COMMON BRIDGE TRANSPORTER RECAP	---	62,978	---	55,032	---	-7,946
129	ENGINEER (NON-CONSTRUCTION) EQUIPMENT HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	---	5,570	---	5,570	---	---
130	GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS)	---	2,497	---	2,497	---	---
132	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	---	109,069	---	109,069	---	---
134	EOD ROBOTICS SYSTEMS RECAPITALIZATION	---	36,584	---	36,584	---	---
135	ROBOTICS AND APPLIQUE SYSTEMS	---	179,544	---	164,564	---	-14,980
137	RENDER SAFE SETS KITS OUTFITS	---	64,583	---	64,583	---	---
139	FAMILY OF BOATS AND MOTORS	---	5,289	---	5,289	---	---
140	COMBAT SERVICE SUPPORT EQUIPMENT HEATERS AND ECU'S	---	8,200	---	8,200	---	---
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	---	4,625	---	4,625	---	---
143	GROUND SOLDIER SYSTEM	---	154,937	---	149,937	---	-5,000
144	MOBILE SOLDIER POWER	---	34,297	---	34,297	---	---
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	---	53,021	---	53,021	---	---
148	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	---	23,324	---	23,324	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
149	ITEMS LESS THAN $5M (ENG SPT)	---	8,014	---	8,014	---	---
	PETROLEUM EQUIPMENT						
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	---	78,448	---	72,348	---	-6,100
	MEDICAL EQUIPMENT						
151	COMBAT SUPPORT MEDICAL	---	59,485	---	69,485	---	+10,000
	MAINTENANCE EQUIPMENT						
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	---	40,337	---	40,337	---	---
153	ITEMS LESS THAN $5.0M (MAINT EQ)	---	5,386	---	5,386	---	---
	CONSTRUCTION EQUIPMENT						
154	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	---	5,406	---	5,406	---	---
155	SCRAPERS, EARTHMOVING	---	4,188	---	4,188	---	---
156	LOADERS	---	4,521	---	4,521	---	---
157	HYDRAULIC EXCAVATOR	---	5,186	---	5,186	---	---
158	TRACTOR, FULL TRACKED	---	4,715	---	4,715	---	---
159	ALL TERRAIN CRANES	---	70,560	---	70,560	---	---
160	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS	---	---	---	---	---	---
162	CONST EQUIP ESP	---	8,925	---	8,925	---	---
	RAIL FLOAT CONTAINERIZATION EQUIPMENT						
164	ARMY WATERCRAFT ESP	---	40,910	---	40,910	---	---
165	MANEUVER SUPPORT VESSEL (MSV)	---	76,576	---	76,576	---	---
166	ITEMS LESS THAN $5.0M (FLOAT/RAIL)	---	1,844	---	1,844	---	---
	GENERATORS						
167	GENERATORS AND ASSOCIATED EQUIPMENT	---	53,433	---	101,133	---	+47,700
168	TACTICAL ELECTRIC POWER RECAPITALIZATION	---	22,216	---	22,216	---	---
	MATERIAL HANDLING EQUIPMENT						
169	FAMILY OF FORKLIFTS	---	16,145	---	16,145	---	---
	TRAINING EQUIPMENT						
170	COMBAT TRAINING CENTERS SUPPORT	---	90,580	---	90,580	---	---
171	TRAINING DEVICES, NONSYSTEM	---	161,814	---	161,814	---	---
172	SYNTHETIC TRAINING ENVIRONMENT (STE)	---	13,063	---	13,063	---	---
175	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	---	1,950	---	1,950	---	---
	TEST MEASURE AND DIG EQUIPMENT (TMD)						
176	CALIBRATION SETS EQUIPMENT	---	2,511	---	2,511	---	---
177	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	---	78,578	---	77,214	---	-1,364
178	TEST EQUIPMENT MODERNIZATION (TEMOD)	---	14,941	---	10,241	---	-4,700
	OTHER SUPPORT EQUIPMENT						
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	---	8,629	---	8,629	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
181	PHYSICAL SECURITY SYSTEMS (OPA3)	---	75,499	---	77,251	---	+1,752
182	BASE LEVEL COM'L EQUIPMENT	---	27,444	---	27,444	---	---
183	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	---	32,485	---	66,485	---	+34,000
186	SPECIAL EQUIPMENT FOR USER TESTING	---	39,436	---	39,436	---	---
	TOTAL, OTHER SUPPORT EQUIPMENT	---	1,955,306	---	2,015,668		+60,362
	SPARE AND REPAIR PARTS						
189	INITIAL SPARES - C&E	---	9,950	---	9,950	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
999	CLASSIFIED PROGRAMS	---	1,582	---	1,582	---	---
	TOTAL, OTHER PROCUREMENT, ARMY	---	8,625,206	---	8,453,422		-171,784

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	TACTICAL TRAILERS/DOLLY SETS	12,986	9,653	-3,333
	Prior year carryover		-3,333	
2	SEMITRAILERS, FLATBED	31,443	26,698	-4,745
	M870 previously funded		-4,745	
4	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)	44,795	144,472	99,677
	Transfer from OP,A line 16		5,927	
	Transfer from OP,A line 18		93,750	
6	ARNG HMMWV MODERNIZATION PROGRAM	0	100,000	100,000
	Program increase		100,000	
8	JOINT LIGHT TACTICAL VEHICLE	894,414	884,414	-10,000
	Excess support costs		-10,000	
10	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	95,092	138,092	43,000
	Program increase		43,000	
15	HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	65,635	92,635	27,000
	Program increase		33,500	
	HETS costs previously funded		-6,500	
16	HMMWV RECAPITALIZATION PROGRAM	5,927	0	-5,927
	Transfer to OP,A line 4		-5,927	
18	MODIFICATION OF IN SVC EQUIP	114,977	21,227	-93,750
	LTV modification transfer to OP,A line 4		-93,750	
21	NONTACTICAL VEHICLES, OTHER	19,870	4,968	-14,902
	Excess carryover		-14,902	
22	SIGNAL MODERNIZATION PROGRAM	160,469	151,179	-9,290
	Hardware pricing adjustments		-9,290	
23	TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE	360,379	347,782	-12,597
	Engineering unjustified growth		-7,217	
	Services previously funded		-5,380	
30	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	72,450	68,750	-3,700
	T2C2 unit cost growth		-3,700	
36	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	94,871	88,950	-5,921
	Post deployment software previously funded		-5,921	

P-1		Budget Request	Committee Recommended	Change from Request
41	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE	13,967	0	-13,967
	Army identified excess		-13,967	
44	COTS COMMUNICATIONS EQUIPMENT	94,156	86,956	-7,200
	Excess carryover		-7,200	
53	DEFENSIVE CYBER OPERATIONS	54,753	53,153	-1,600
	GDP unit cost differences		-1,600	
59	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,900	0	-4,900
	Excess carryover		-4,900	
66	TERRESTRIAL LAYER SYSTEMS (TLS) (MIP)	8,081	0	-8,081
	Early to need		-8,081	
68	DCGS-A (MIP)	151,886	149,886	-2,000
	Fielding previously funded		-2,000	
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	28,558	66,058	37,500
	Program increase - TEWS		37,500	
84	NIGHT VISION DEVICES	1,127,375	891,806	-235,569
	IVAS ahead of need		-235,569	
86	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	13,954	7,715	-6,239
	Excess carryover		-6,239	
88	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	10,069	20,069	10,000
	Program increase - C-RAM warn communications enhancements		10,000	
92	JOINT EFFECTS TARGETING SYSTEM (JETS)	69,641	0	-69,641
	Production delays		-69,641	
98	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE	49,947	0	-49,947
	Ahead of need		-49,947	
101	IAMD BATTLE COMMAND SYSTEM	201,587	198,587	-3,000
	Government program management excess		-3,000	
102	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,495	2,495	-2,000
	Excess carryover		-2,000	
108	MOD OF IN-SERVICE EQUIPMENT (ENFIRE)	3,004	14,004	11,000
	Program increase - land surveying systems		11,000	
110	AUTOMATED DATA PROCESSING EQUIPMENT	140,619	138,619	-2,000
	AIE travel costs excess		-2,000	
114	CSS COMMUNICATIONS	57,651	51,129	-6,522
	Unit cost growth		-6,522	

P-1		Budget Request	Committee Recommended	Change from Request
119	**BCT EMERGING TECHNOLOGIES**	**16,983**	**8,491**	**-8,492**
	Fiscal year 2019 carryover		-8,492	
121	**FAMILY OF NON-LETHAL EQUIPMENT (FNLE)**	**0**	**7,000**	**7,000**
	Program increase - acoustic hailing device		7,000	
128	**COMMON BRIDGE TRANSPORTER RECAP**	**62,978**	**55,032**	**-7,946**
	Unit cost discrepancies		-7,946	
135	**ROBOTICS AND APPLIQUE SYSTEMS**	**179,544**	**164,564**	**-14,980**
	CRS-I oversight excess growth		-2,000	
	SMET contract delay		-4,800	
	MTRS production delay		-8,180	
143	**GROUND SOLDIER SYSTEM**	**154,937**	**149,937**	**-5,000**
	Unit cost discrepancies		-5,000	
150	**DISTRIBUTION SYSTEMS, PETROLEUM & WATER**	**78,448**	**72,348**	**-6,100**
	MFS cost savings		-4,100	
	E2FDS data unjustified growth		-2,000	
151	**COMBAT SUPPORT MEDICAL**	**59,485**	**69,485**	**10,000**
	Program increase - combat support hospital deployable infrastructure		10,000	
167	**GENERATORS AND ASSOCIATED EQUIPMENT**	**53,433**	**101,133**	**47,700**
	Program increase - AMMPS		47,700	
177	**INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)**	**78,578**	**77,214**	**-1,364**
	ICE WATS previously funded		-1,364	
178	**TEST EQUIPMENT MODERNIZATION (TEMOD)**	**14,941**	**10,241**	**-4,700**
	Excess carryover		-4,700	
181	**PHYSICAL SECURITY SYSTEMS (OPA3)**	**75,499**	**77,251**	**1,752**
	Program increase - biometric fast lanes		5,000	
	Unjustified request		-3,248	
183	**MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)**	**32,485**	**66,485**	**34,000**
	Program increase - RTCH modernization		20,000	
	Program increase - containerized icemaking systems		14,000	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**25,000**	**25,000**

HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES

The Committee recommends a transfer of funds for the purpose of obtaining new High Mobility Multipurpose Wheeled Vehicles (HMMWVs) or "like-new" HMMWVs fully restored to zero-hours, zero-miles condition by the installation of a new powered chassis. The HMMWVs obtained with this funding shall incorporate any necessary safety or capability improvements, including Anti-Lock Braking and Electronic Stability Control systems. Obtaining HMMWVs with a new, up-to-date chassis will enable future technology insertions and capability upgrades to the fleet and will reduce future sustainment costs and logistical challenges. Installing safety enhancements on new production vehicles or new production chassis will ensure that appropriate quality control and testing is performed before vehicles are fielded.

AIRCRAFT PROCUREMENT, NAVY

Fiscal year 2020 appropriation	$19,605,513,000
Fiscal year 2021 budget request	17,127,378,000
Committee recommendation	17,710,109,000
Change from budget request	+582,731,000

The Committee recommends an appropriation of $17,710,109,000 for Aircraft Procurement, Navy which will provide the following program in fiscal year 2021:

{DOLLARS IN THOUSANDS}

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	AIRCRAFT PROCUREMENT, NAVY						
	COMBAT AIRCRAFT						
1	F/A-18E/F (FIGHTER) HORNET (MYP)	24	1,761,146	24	1,725,400	---	-35,746
3	JOINT STRIKE FIGHTER CV	21	2,181,780	21	2,286,280	---	+104,500
4	JOINT STRIKE FIGHTER CV (AP-CY)	---	330,386	---	326,147	---	-4,239
5	JSF STOVL	10	1,109,393	10	1,213,893	---	+104,500
6	JSF STOVL (AP-CY)	---	303,035	---	303,035	---	---
7	CH-53K (HEAVY LIFT)	7	813,324	7	1,050,634	---	+237,310
8	CH-53K (HEAVY LIFT) (AP-CY)	---	201,188	---	201,188	---	---
9	V-22 (MEDIUM LIFT)	9	934,793	9	897,232	---	-37,561
10	V-22 (MEDIUM LIFT) (AP-CY)	---	39,547	---	39,547	---	---
11	UH-1Y/AH-1Z	---	7,267	---	3,816	---	-3,451
13	P-8A POSEIDON	---	80,134	---	510,000	---	+429,866
15	E-2D ADV HAWKEYE	4	626,109	4	791,140	---	+165,031
16	E-2D ADV HAWKEYE (AP-CY)	---	123,166	---	123,166	---	---
	TOTAL, COMBAT AIRCRAFT	---	8,511,268	---	9,471,478		+960,210
	TRAINER AIRCRAFT						
17	ADVANCED HELICOPTER TRAINING SYSTEM	36	269,867	36	236,146	---	-33,721
	TOTAL, TRAINER AIRCRAFT	---	269,867	---	236,146		-33,721
	OTHER AIRCRAFT						
18	KC-130J	5	380,984	5	375,558	---	-5,426
19	KC-130J (AP-CY)	---	67,022	---	67,022	---	---
21	MQ-4 TRITON	---	150,570	---	264,464	---	+113,894
23	MQ-8 UAV	---	40,375	---	34,759	---	-5,616
24	STUASLO UAV	---	30,930	---	30,930	---	---
26	VH-92A EXECUTIVE HELO	5	610,231	5	577,638	---	-32,593
	TOTAL, OTHER AIRCRAFT	---	1,280,112	---	1,350,371		+70,259
	MODIFICATION OF AIRCRAFT						
28	F-18 A-D UNIQUE	---	208,261	---	183,449	---	-24,812
29	F-18E/F AND EA-18G MODERNIZATION AND SUSTAIN	---	468,954	---	394,688	---	-74,266
30	AEA SYSTEMS	---	21,061	---	21,061	---	---
31	AV-8 SERIES	---	34,082	---	32,684	---	-1,398
32	INFRARED SEARCH AND TRACK (IRST)	---	158,055	---	127,695	---	-30,360

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
33	ADVERSARY	---	42,946	---	42,946	---	---
34	F-18 SERIES	---	379,351	---	369,600	---	-9,751
35	H-53 SERIES	---	74,771	---	74,771	---	---
36	MH-60 SERIES	---	131,584	---	144,940	---	+13,356
37	H-1 SERIES	---	185,140	---	152,562	---	-32,578
38	EP-3 SERIES	---	26,602	---	26,602	---	---
40	E-2 SERIES	---	175,540	---	171,057	---	-4,483
41	TRAINER A/C SERIES	---	7,085	---	7,085	---	---
42	C-2A	---	9,525	---	6,367	---	-3,158
43	C-130 SERIES	---	141,705	---	124,653	---	-17,052
44	FEWSG	---	684	---	684	---	---
45	CARGO/TRANSPORT A/C SERIES	---	8,911	---	8,911	---	---
46	E-8 SERIES	---	197,206	---	196,028	---	-1,178
47	EXECUTIVE HELICOPTERS SERIES	---	29,086	---	25,970	---	-3,116
49	T-45 SERIES	---	155,745	---	155,745	---	---
50	POWER PLANT CHANGES	---	24,633	---	24,633	---	---
51	JPATS SERIES	---	22,682	---	22,682	---	---
52	AVIATION LIFE SUPPORT MODS	---	40,401	---	1,819	---	-38,582
53	COMMON ECM EQUIPMENT	---	138,480	---	134,366	---	-4,114
54	COMMON AVIONICS CHANGES	---	143,322	---	123,416	---	-19,906
55	COMMON DEFENSIVE WEAPON SYSTEM	---	2,142	---	2,142	---	---
56	ID SYSTEMS	---	35,999	---	35,999	---	---
57	P-8 SERIES	---	180,530	---	172,821	---	-7,709
58	MAGTF EW FOR AVIATION	---	27,794	---	26,822	---	-972
59	MQ-8 SERIES	---	28,774	---	28,774	---	---
60	V-22 (TILT/ROTOR ACFT) OSPREY	---	334,405	---	320,989	---	-13,416
61	NEXT GENERATION JAMMER (NGJ)	---	176,638	---	125,552	---	-51,086
62	F-35 STOVL SERIES	---	153,588	---	162,550	---	+8,962
63	F-35 CV SERIES	---	105,452	---	115,452	---	+10,000
64	QUICK REACTION CAPABILITY (QRC)	---	126,618	---	126,618	---	---
65	MQ-4 SERIES	---	12,998	---	9,969	---	-3,029
66	RQ-21 SERIES	---	18,550	---	14,725	---	-3,825
	TOTAL, MODIFICATION OF AIRCRAFT	---	4,029,300	---	3,716,827		-312,473

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	AIRCRAFT SPARES AND REPAIR PARTS						
70	SPARES AND REPAIR PARTS	---	2,198,460	---	2,092,929	---	-105,531
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
71	COMMON GROUND EQUIPMENT	---	543,559	---	447,546	---	-96,013
72	AIRCRAFT INDUSTRIAL FACILITIES	---	75,685	---	75,685	---	---
73	WAR CONSUMABLES	---	40,633	---	40,633	---	---
74	OTHER PRODUCTION CHARGES	---	21,194	---	21,194	---	---
75	SPECIAL SUPPORT EQUIPMENT	---	155,179	---	155,179	---	---
76	FIRST DESTINATION TRANSPORTATION	---	2,121	---	2,121	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	100,000	---	+100,000
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES	---	838,371	---	842,358		+3,987
	TOTAL, AIRCRAFT PROCUREMENT, NAVY	---	17,127,378	---	17,710,109		+582,731

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 (MYP)	**1,761,146**	**1,725,400**	**-35,746**
Contract award savings		-14,023	
Rec flyaway ECO excess growth		-8,356	
Ancillary equipment excess growth		-13,367	
3 JOINT STRIKE FIGHTER CV	**2,181,780**	**2,286,280**	**104,500**
Program increase - accelerate depot standup		104,500	
4 JOINT STRIKE FIGHTER CV (AP-CY)	**330,386**	**326,147**	**-4,239**
Excess long lead material		-4,239	
5 JSF STOVL	**1,109,393**	**1,213,893**	**104,500**
Program increase - accelerate depot standup		104,500	
7 CH-53K (HEAVY LIFT)	**813,324**	**1,050,634**	**237,310**
NRE previously funded		-12,690	
Program increase - two additional aircraft		250,000	
9 V-22 (MEDIUM LIFT)	**934,793**	**897,232**	**-37,561**
MV-22 unit cost growth		-13,024	
Support costs excess growth		-11,061	
CMV-22 unit cost growth		-13,476	
11 UH-1Y/AH-1Z	**7,267**	**3,816**	**-3,451**
Other ILS prior year carryover		-3,451	
13 P-8A POSEIDON	**80,134**	**510,000**	**429,866**
Production line shutdown and acquisition closure early to need		-80,134	
Program increase - three aircraft only for the Navy Reserve		510,000	
15 E-2D ADV HAWKEYE	**626,109**	**791,140**	**165,031**
GFE electronics excess growth		-3,469	
Peculiar training equipment excess growth		-10,000	
Program increase - one additional aircraft		178,500	
17 ADVANCED HELICOPTER TRAINING SYSTEM	**269,867**	**236,146**	**-33,721**
Other ILS excess growth		-33,721	
18 KC-130J	**380,984**	**375,558**	**-5,426**
Unit cost growth		-5,426	
21 MQ-4 TRITON	**150,570**	**264,464**	**113,894**
Production line preservation costs excess to need		-36,106	
Program increase - one additional aircraft		150,000	

P-1	Budget Request	Committee Recommended	Change from Request
23 MQ-8 UAV	**40,375**	**34,759**	**-5,616**
NRE for FFG(X) early to need		-1,550	
Ancillary equipment excess growth		-4,066	
26 VH-92A EXECUTIVE HELO	**610,231**	**577,638**	**-32,593**
Unit cost growth		-20,191	
Production engineering support previously funded		-12,402	
28 F-18 A-D UNIQUE	**208,261**	**183,449**	**-24,812**
F/A-18 aircraft structural life management plan (OSIP 11-99) unit cost growth		-5,462	
F/A-18 aircraft structural life management plan (OSIP 11-99) other support excess growth		-4,587	
F/A-18 aircraft structural life management plan (OSIP 11-99) installation excess growth		-1,942	
USMC F/A-18 upgrade ECP-583 unit cost growth		-12,821	
29 F-18E/F AND EA-18G MODERNIZATION AND SUSTAIN	**468,954**	**394,688**	**-74,266**
EA-18G unique (OSIP 011-10) unit cost growth		-15,787	
EA-18G unique (OSIP 011-10) installation equipment excess growth		-8,984	
EA-18G unique (OSIP 011-10) support excess growth		-14,723	
Power and propulsion (OSIP 11-13) unit cost growth		-9,205	
E/F and EA-18G correction of deficiencies (OSIP 14-03) installation kits N/R excess growth		-2,890	
E/F and EA-18G correction of deficiencies (OSIP 14-03) prior year procurement installation excess growth		-22,677	
31 AV-8 SERIES	**34,082**	**32,684**	**-1,398**
Common OFP V4 (OSIP 023-00) previously funded		-1,398	
32 INFRARED SEARCH AND TRACK (IRST)	**158,055**	**127,695**	**-30,360**
Installation equipment excess growth		-9,654	
Support equipment excess growth		-20,706	
34 F-18 SERIES	**379,351**	**369,600**	**-9,751**
AESA/AN/AN-APG-65/AN-APG-73 (OSIP 002-07) installation equipment N/R previously funded		-6,663	
DTP-N B kits unit cost growth (OSIP 001-10)		-3,088	
36 MH-60 SERIES	**131,584**	**144,940**	**13,356**
MIDS BU2B kits unit cost growth (OSIP 018-12)		-1,644	
Program increase - helicopter long range active sonar systems		5,000	
Program increase - MH-60S block 3A modernization		10,000	

P-1	Budget Request	Committee Recommended	Change from Request
37 H-1 SERIES	**185,140**	**152,562**	**-32,578**
FMV Phase 2.0 kits (OSIP 015-12) previously funded		-2,440	
Installation equipment NRE (OSIP 015-12) excess growth		-4,379	
APR-39D(V)2 kits (OSIP 016-12) early to need		-6,720	
Target sight system block upgrade (OSIP 016-12) unit cost growth		-2,721	
Other support (OSIP 016-12) excess growth		-5,256	
ECS thermal kits (OSIP 013-14) previously funded		-1,245	
Rotor brake system kits (OSIP 013-14) previously funded		-5,500	
Installation equipment NRE (OSIP 013-14) unjustified request		-4,317	
40 E-2 SERIES	**175,540**	**171,057**	**-4,483**
Advanced radar processor (OSIP 003-20) previously funded		-4,483	
42 C-2A	**9,525**	**6,367**	**-3,158**
Wing center section kits (OSIP 014-17) early to need		-3,158	
43 C-130 SERIES	**141,705**	**124,653**	**-17,052**
JAGM A kit procurement and installation (OSIP 022-07) early to need		-6,741	
GFE excess growth (OSIP 019-14)		-8,509	
Installation excess growth (OSIP 019-14)		-1,802	
46 E-6 SERIES	**197,206**	**196,028**	**-1,178**
FAB-T A kits installation (OSIP 014-14) previously funded		-1,178	
47 EXECUTIVE HELICOPTERS SERIES	**29,086**	**25,970**	**-3,116**
Software support (OSIP 006-21) early to need		-3,116	
52 AVIATION LIFE SUPPORT MODS	**40,401**	**1,819**	**-38,582**
Kits early to need due to contract delays		-38,582	
53 COMMON ECM EQUIPMENT	**138,480**	**134,366**	**-4,114**
MV-22 kit cost growth (OSIP 014-90)		-2,019	
H-1 kit cost growth (OSIP 014-90)		-2,095	
54 COMMON AVIONICS CHANGES	**143,322**	**123,416**	**-19,906**
Installation (OSIP 71-88) excess cost growth		-1,454	
Installation equipment (OSIP 21-01) excess cost growth		-10,852	
Installation equipment NRE (OSIP 06-20) excess growth		-7,600	
57 P-8 SERIES	**180,530**	**172,821**	**-7,709**
Increment 3 aircrew trainers (OSIP 006-18) previously funded		-7,709	
58 MAGTF EW FOR AVIATION	**27,794**	**26,822**	**-972**
Support equipment (OSIP 010-13) excess growth		-3,472	
Program increase - intrepid tiger II		2,500	

P-1	Budget Request	Committee Recommended	Change from Request
60 V-22 (TILT/ROTOR ACFT) OSPREY	**334,405**	**320,989**	**-13,416**
Enhanced crash survivable memory unit (OSIP 022-01) early to need		-1,440	
V-22 PRGB input quill/clutch redesign previously funded		-1,500	
Common configuration (OSIP 011-17) unit cost growth		-6,398	
Traffic collision avoidance system (OSIP 009-19) previously funded		-2,352	
Installation kits NRE (OSIP 009-19) previously funded		-1,726	
61 NEXT GENERATION JAMMER (NGJ)	**176,638**	**125,552**	**-51,086**
NGJ mid-band pod shipset (OSIP 002-19) program reduction		-38,183	
Other support (OSIP 002-19) unjustified request		-12,903	
62 F-35 STOVL SERIES	**153,588**	**162,550**	**8,962**
B kits (OSIP 004-19) unit cost growth		-1,038	
Program increase - reliability and maintainability improvement program		10,000	
63 F-35 CV SERIES	**105,452**	**115,452**	**10,000**
Program increase - reliability and maintainability improvement program		10,000	
65 MQ-4 SERIES	**12,998**	**9,969**	**-3,029**
Operating base installation (OSIP 009-18) early to need		-3,029	
66 RQ-21 SERIES	**18,550**	**14,725**	**-3,825**
SURFR payload suite (OSIP 004-20) unit cost growth		-3,825	
70 SPARES AND REPAIR PARTS	**2,198,460**	**2,092,929**	**-105,531**
CH-53K spares excess growth		-25,984	
E-2D AHE spares excess growth		-14,773	
VH-92 spares excess growth		-36,169	
Spares for repair of repairables excess growth		-15,300	
Spares for modifications excess growth		-47,555	
Program increase - F/A-18 E/F engine spares		34,250	
71 COMMON GROUND EQUIPMENT	**543,559**	**447,546**	**-96,013**
Hydraulics particle counter contract award delay		-2,815	
Carrier air wing DMT upgrades unjustified request		-76,398	
NAMSP VMTS upgrades unjustified growth		-16,800	
PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**100,000**	**100,000**

F/A–18 E/F SUPER HORNET PRODUCTION

The Committee appreciates the focus that the Navy has recently placed on reducing the strike fighter shortfall and improving the readiness of its tactical aviation fleet. As such, the Committee continues to support the F/A–18 E/F Super Hornet program and funds the request for 24 aircraft in fiscal year 2021. However, the Committee notes that the future years defense program eliminates the further procurement of F/A–18 E/F aircraft, resulting in a reduction of three years of production and three squadrons of aircraft from the previously planned future years defense program. The Committee believes that the Navy's decision to eliminate future production of F/A–18 E/F aircraft is premature and requires further analysis. The Navy states that this elimination of new aircraft is offset by the startup of the F/A–18E/F Service Life Modification (SLM) program, which will extend the life of the Super Hornet fleet and maintain tactical aviation readiness. While this is somewhat true, the SLM program is in its nascent stage and will take time to contribute to fleet readiness levels. SLM also relies on a production line of new Super Hornets for on-time parts and production expertise. It is unclear if the Navy has assessed the impact of eliminating new Super Hornets on SLM cost, effectiveness, and the long-term cost of sustaining an increasingly aging fleet.

The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 45 days after the enactment of this Act that provides an update on the Navy's strike fighter shortfall projected over the next 20 years, the impact of these previously mentioned outyear aircraft reductions on this shortfall, and an updated schedule of inductions and deliveries of aircraft in the SLM program. Further, the Committee directs the Director of the Office of Cost Assessment and Program Evaluation to provide a report to the congressional defense committees not later than 45 days after the enactment of this Act on the life-cycle cost assessment of aircraft inducted through SLM and new aircraft, including procurement, personnel, and cost-per-flight hour comparisons.

V–22 NACELLE IMPROVEMENT PROGRAM

The nacelle improvement program modifies MV–22 and CV–22 aircraft to improve mission capable rates by ten percent per aircraft. The program is one of the Marine Corps' highest priorities for V–22 readiness. The Committee encourages the Secretary of the Navy to increase the program beyond the current common configuration readiness and modernization effort to accelerate readiness and maintainability of the Marine Corps V–22 fleet.

WEAPONS PROCUREMENT, NAVY

Fiscal year 2020 appropriation	$4,017,470,000
Fiscal year 2021 budget request	4,884,995,000
Committee recommendation	4,378,594,000
Change from budget request	−506,401,000

The Committee recommends an appropriation of $4,378,594,000 for Weapons Procurement, Navy which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	WEAPONS PROCUREMENT, NAVY						
	BALLISTIC MISSILES						
	MODIFICATION OF MISSILES						
1	TRIDENT II MODS	---	1,173,837	---	1,132,223	---	-41,614
	SUPPORT EQUIPMENT AND FACILITIES						
2	MISSILE INDUSTRIAL FACILITIES	---	7,275	---	7,275	---	---
	TOTAL, BALLISTIC MISSILES	---	1,181,112	---	1,139,498		-41,614
	OTHER MISSILES						
	STRATEGIC MISSILES						
3	TOMAHAWK	155	277,694	155	247,874	---	-29,820
	TACTICAL MISSILES						
4	AMRAAM	325	326,952	325	242,019	---	-84,933
5	SIDEWINDER	270	126,485	270	110,140	---	-16,345
7	STANDARD MISSILE	125	456,206	125	365,266	---	-90,940
8	STANDARD MISSILE (AP-CY)	---	66,716	---	66,716	---	---
9	SMALL DIAMETER BOMB II	357	78,867	357	62,355	---	-16,512
10	RAM	100	90,533	100	90,533	---	---
11	JOINT AIR GROUND MISSILE (JAGM)	203	49,386	203	37,908	---	-11,478
14	AERIAL TARGETS	---	174,336	---	171,408	---	-2,928
15	DRONES AND DECOYS	68	41,256	68	18,402	---	-22,854
16	OTHER MISSILE SUPPORT	---	3,501	---	3,501	---	---
17	LRASM	48	168,845	48	134,065	---	-34,780
18	LCS OTH MISSILE	15	32,910	15	32,910	---	---
	MODIFICATION OF MISSILES						
19	TOMAHAWK MODS	---	164,915	---	161,308	---	-3,607
20	ESSM	120	215,375	120	212,637	---	-2,738
22	HARM MODS	24	147,572	24	122,649	---	-24,923
23	STANDARD MISSILES MODS	---	83,654	---	47,927	---	-35,727
	SUPPORT EQUIPMENT AND FACILITIES						
24	WEAPONS INDUSTRIAL FACILITIES	---	1,996	---	1,996	---	---
25	FLEET SATELLITE COMM FOLLOW-ON	---	53,401	---	35,987	---	-17,414
	ORDNANCE SUPPORT EQUIPMENT						
27	ORDNANCE SUPPORT EQUIPMENT	---	215,659	---	150,688	---	-64,971
	TOTAL, OTHER MISSILES	---	2,776,259	---	2,316,289		-459,970

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	TORPEDOES AND RELATED EQUIPMENT						
	TORPEDOES AND RELATED EQUIP						
28	SSTD	---	5,811	---	5,811	---	---
29	MK-48 TORPEDO	110	284,901	110	273,344	---	-11,557
30	ASW TARGETS	---	13,833	---	13,833	---	---
	MOD OF TORPEDOES AND RELATED EQUIP						
31	MK-54 TORPEDO MODS	---	110,286	---	103,441	---	-6,845
32	MK-48 TORPEDO ADCAP MODS	---	57,214	---	55,699	---	-1,515
33	MARITIME MINES	---	5,832	---	5,832	---	---
	SUPPORT EQUIPMENT						
34	TORPEDO SUPPORT EQUIPMENT	---	97,581	---	94,103	---	-3,478
35	ASW RANGE SUPPORT	---	4,159	---	4,159	---	---
	DESTINATION TRANSPORTATION						
36	FIRST DESTINATION TRANSPORTATION	---	4,106	---	4,106	---	---
	TOTAL, TORPEDOES AND RELATED EQUIPMENT	---	583,723	---	560,328		-23,395
	OTHER WEAPONS						
	GUNS AND GUN MOUNTS						
37	SMALL ARMS AND WEAPONS	---	16,030	---	9,030	---	-7,000
	MODIFICATION OF GUNS AND GUN MOUNTS						
38	CIWS MODS	---	37,147	---	37,147	---	---
39	COAST GUARD WEAPONS	---	45,804	---	43,150	---	-2,654
40	GUN MOUNT MODS	---	74,427	---	102,068	---	+27,641
41	LCS MODULE WEAPONS	32	4,253	32	4,253	---	---
42	AIRBORNE MINE NEUTRALIZATION SYSTEMS	---	6,662	---	6,662	---	---
	TOTAL, OTHER WEAPONS	---	184,323	---	202,310		+17,987
45	SPARES AND REPAIR PARTS	---	159,578	---	135,169	---	-24,409
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, WEAPONS PROCUREMENT, NAVY	---	4,884,995	---	4,378,594		-506,401

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 TRIDENT II MODS	**1,173,837**	**1,132,223**	**-41,614**
Joint fuze sustainment production delays		-34,163	
Tooling, test/support equipment excess growth		-1,420	
Production support/missile hardware excess growth		-6,031	
3 TOMAHAWK	**277,694**	**247,874**	**-29,820**
Unit cost carryover		-3,780	
Contract award delay		-26,040	
4 AMRAAM	**326,952**	**242,019**	**-84,933**
Contract award delay		-83,232	
Training equipment previously funded		-1,701	
5 SIDEWINDER	**126,485**	**110,140**	**-16,345**
Unit cost growth		-12,834	
Government in-house support previously funded		-3,511	
7 STANDARD MISSILE	**456,206**	**365,266**	**-90,940**
AUR early to need		-65,940	
Production start-up early to need		-25,000	
9 SMALL DIAMETER BOMB II	**78,867**	**62,355**	**-16,512**
Contract award delay		-16,512	
11 JOINT AIR GROUND MISSILE (JAGM)	**49,386**	**37,908**	**-11,478**
Contract award delay		-11,478	
14 AERIAL TARGETS	**174,336**	**171,408**	**-2,928**
EM443 hardware procurements/modifications excess growth		-2,375	
EM702 ground equipment previously funded		-553	
15 DRONES AND DECOYS	**41,256**	**18,402**	**-22,854**
Excess to need		-22,854	
17 LRASM	**168,845**	**134,065**	**-34,780**
Excess to need/contract award delay		-34,780	
19 TOMAHAWK MODS	**164,915**	**161,308**	**-3,607**
MST kits excess cost growth		-3,607	
20 ESSM	**215,375**	**212,637**	**-2,738**
Test equipment early to need		-2,738	
22 HARM MODS	**147,572**	**122,649**	**-24,923**
AARGM AUR installation kits excess cost growth		-7,060	
AARGM ER installation kits excess cost		-16,657	
AARGM ER long lead components unjustified request		-1,206	

P-1	Budget Request	Committee Recommended	Change from Request
23 STANDARD MISSILES MODS	**83,654**	**47,927**	**-35,727**
SM-2 Block IIIC excess cost		-16,980	
SM-2 Block IIIAZ modifications excess cost growth		-10,464	
Diminishing manufacturing resources early to need		-8,283	
25 FLEET SATELLITE COMM FOLLOW-ON	**53,401**	**35,987**	**-17,414**
MUOS upgrade mod kits failure to comply with congressional direction		-17,414	
27 ORDNANCE SUPPORT EQUIPMENT	**215,659**	**150,688**	**-64,971**
Excess growth		-64,971	
29 MK-48 TORPEDO	**284,901**	**273,344**	**-11,557**
Guidance and control section excess unit cost growth		-5,389	
After body/tail cone excess unit cost growth		-2,668	
NRE excess to need		-3,500	
31 MK-54 TORPEDO MODS	**110,286**	**103,441**	**-6,845**
HAAWC kits early to need		-6,845	
32 MK-48 TORPEDO ADCAP MODS	**57,214**	**55,699**	**-1,515**
CBASS kits excess cost growth		-1,515	
34 TORPEDO SUPPORT EQUIPMENT	**97,581**	**94,103**	**-3,478**
WES expansion box delays		-3,478	
37 SMALL ARMS AND WEAPONS	**16,030**	**9,030**	**-7,000**
MK50MOD1/CROWS II unjustified request		-7,000	
39 COAST GUARD WEAPONS	**45,804**	**43,150**	**-2,654**
Machine gun system equipment OPC unjustified request		-2,654	
40 GUN MOUNT MODS	**74,427**	**102,068**	**27,641**
MK38 backfit kits unjustified growth		-5,459	
Operator ballistic protection for crew served weapons - rescind and reappropriate unobligated fiscal year 2020 funding		13,100	
Program increase - operator ballistic protection for crew served weapons		20,000	
45 SPARES AND REPAIR PARTS	**159,578**	**135,169**	**-24,409**
Gun mount mods spares early to need		-2,335	
Standard missile spares excess growth		-13,769	
RAM spares unjustified growth		-8,305	
PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**25,000**	**25,000**

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Fiscal year 2020 appropriation	$843,401,000
Fiscal year 2021 budget request	883,602,000
Committee recommendation	795,134,000
Change from budget request	−88,468,000

The Committee recommends an appropriation of $795,134,000 for Procurement of Ammunition, Navy and Marine Corps which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE 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	---	41,496	---	41,496	---	---
2	JDAM	2,865	64,631	2,865	64,631	---	---
3	AIRBORNE ROCKETS, ALL TYPES	---	60,719	---	36,605	---	-24,114
4	MACHINE GUN AMMUNITION	---	11,158	---	11,158	---	---
5	PRACTICE BOMBS	---	51,409	---	51,409	---	---
6	CARTRIDGES & CART ACTUATED DEVICES	---	64,694	---	63,263	---	-1,431
7	AIR EXPENDABLE COUNTERMEASURES	---	51,523	---	51,523	---	---
8	JATOS	---	6,761	---	6,761	---	---
9	5 INCH/54 GUN AMMUNITION	---	31,517	---	29,474	---	-2,043
10	INTERMEDIATE CALIBER GUN AMMUNITION	---	38,005	---	36,138	---	-1,867
11	OTHER SHIP GUN AMMUNITION	---	40,626	---	35,401	---	-5,225
12	SMALL ARMS & LANDING PARTY AMMO	---	48,202	---	48,202	---	---
13	PYROTECHNIC AND DEMOLITION	---	9,766	---	9,766	---	---
15	AMMUNITION LESS THAN $5 MILLION	---	2,115	---	2,115	---	---
	TOTAL, PROC AMMO, NAVY	---	522,622	---	487,942		-34,680
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
16	MORTARS	---	46,781	---	45,763	---	-1,018
17	DIRECT SUPPORT MUNITIONS	---	119,504	---	79,662	---	-39,842
18	INFANTRY WEAPONS AMMUNITION	---	83,220	---	58,264	---	-24,956
19	COMBAT SUPPORT MUNITIONS	---	32,650	---	25,003	---	-7,647
20	AMMO MODERNIZATION	---	15,144	---	15,144	---	---
21	ARTILLERY MUNITIONS	---	59,539	---	54,214	---	-5,325
22	ITEMS LESS THAN $5 MILLION	---	4,142	---	4,142	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, PROC AMMO, MARINE CORPS	---	360,980	---	307,192		-53,788
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS	---	883,602	---	795,134		-88,468

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
3 AIRBORNE ROCKETS, ALL TYPES	**60,719**	**36,605**	**-24,114**
MK-66 rocket motor contract delays		-24,114	
6 CARTRIDGES & CART ACTUATED DEVICES	**64,694**	**63,263**	**-1,431**
Misc devices under $500K previously funded		-1,431	
9 5 INCH/54 GUN AMMUNITION	**31,517**	**29,474**	**-2,043**
MK 187 mod 0 projectile unit cost growth		-2,043	
10 INTERMEDIATE CALIBER GUN AMMUNITION	**38,005**	**36,138**	**-1,867**
BA23 contract award delay		-1,867	
11 OTHER SHIP GUN AMMUNITION	**40,626**	**35,401**	**-5,225**
M72A8 LAW early to need		-5,225	
16 MORTARS	**46,781**	**45,763**	**-1,018**
CA66 fuze unit cost growth		-1,018	
17 DIRECT SUPPORT MUNITIONS	**119,504**	**79,662**	**-39,842**
Marine Corps identified excess to need		-39,842	
18 INFANTRY WEAPONS AMMUNITION	**83,220**	**58,264**	**-24,956**
BA54 excess growth		-7,242	
BA55 excess growth		-7,669	
A940 unit cost growth		-559	
A059 unit cost growth		-8,195	
AB57 unit cost growth		-1,045	
A023 contract award delay		-246	
19 COMBAT SUPPORT MUNITIONS	**32,650**	**25,003**	**-7,647**
Linear charges, all types prior year carryover		-3,649	
81mm non-lethal indirect fire munition unjustified request		-3,998	
21 ARTILLERY MUNITIONS	**59,539**	**54,214**	**-5,325**
DA54 explosive fill IMX 101 unit cost savings		-2,033	
DA54 M795 IM metal part unit cost savings		-1,614	
NA29 complete fuze unit cost savings		-1,678	
PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**25,000**	**25,000**

SHIPBUILDING AND CONVERSION, NAVY

Fiscal year 2020 appropriation	$23,975,378,000
Fiscal year 2021 budget request	19,902,757,000
Committee recommendation	22,257,938,000
Change from budget request	+2,355,181,000

The Committee recommends an appropriation of $22,257,938,000 for Shipbuilding and Conversion, Navy which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SHIPBUILDING & CONVERSION, NAVY						
	FLEET BALLISTIC MISSILE SHIPS						
1	COLUMBIA CLASS SUBMARINE	1	2,891,475	1	2,862,179	---	-29,296
2	COLUMBIA CLASS SUBMARINE (AP-CY)	---	1,123,175	---	1,123,175	---	---
	OTHER WARSHIPS						
3	CARRIER REPLACEMENT PROGRAM (CVN 80)	---	997,544	---	904,800	---	-92,744
4	CARRIER REPLACEMENT PROGRAM (CVN 81)	---	1,645,606	---	1,606,432	---	-39,174
5	VIRGINIA CLASS SUBMARINE	1	1,862,693	1	4,603,213	---	+2,740,520
6	VIRGINIA CLASS SUBMARINE (AP-CY)	---	2,373,187	---	2,173,187	---	-200,000
7	CVN REFUELING OVERHAUL	---	1,878,453	---	1,878,453	---	---
8	CVN REFUELING OVERHAULS (AP-CY)	---	17,384	---	17,384	---	---
9	DDG 1000	---	78,205	---	78,205	---	---
10	DDG-51	2	3,040,270	2	2,931,245	---	-109,025
11	DDG-51 (AP-CY)	---	29,297	---	29,297	---	---
13	FFG-FRIGATE	1	1,053,123	1	1,053,123	---	---
	TOTAL, OTHER WARSHIPS	---	12,975,762	---	15,275,339		+2,299,577
	AMPHIBIOUS SHIPS						
14	LPD FLIGHT II	1	1,155,801	1	1,155,801	---	---
	TOTAL, AMPHIBIOUS SHIPS	---	1,155,801	---	1,155,801		---
	AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS						
20	TAO FLEET OILER	---	---	---	20,000	---	+20,000
22	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	2	168,209	2	157,790	---	-10,419
23	LCU 1700	5	87,395	5	87,395	---	---
24	OUTFITTING	---	825,586	---	806,539	---	-19,047
26	SERVICE CRAFT	---	249,781	---	244,147	---	-5,634
27	LCAC SLEP	3	56,461	3	56,461	---	---
28	COMPLETION OF PY SHIPBUILDING PROGRAMS	---	369,112	---	369,112	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	100,000	---	+100,000
	TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM	---	1,756,544	---	1,841,444		+84,900
	TOTAL, SHIPBUILDING & CONVERSION, NAVY	---	19,902,757	---	22,257,938		+2,355,181

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 COLUMBIA CLASS SUBMARINE	**2,891,475**	**2,862,179**	**-29,296**
CANES early to need		-4,484	
Electronic warfare early to need		-11,992	
Photonics early to need		-12,820	
3 CARRIER REPLACEMENT PROGRAM (CVN 80)	**997,544**	**904,800**	**-92,744**
Hardware procurements early to need		-92,744	
4 CARRIER REPLACEMENT PROGRAM (CVN-81)	**1,645,606**	**1,606,432**	**-39,174**
Hardware procurements early to need		-39,174	
5 VIRGINIA CLASS SUBMARINE	**1,862,693**	**4,603,213**	**2,740,520**
Universal modular mast excess funds		-4,449	
Propulsor excess funds		-12,809	
Hardware excess funds		-10,222	
Navy requested transfer from line 6 for justification material error		472,000	
Program increase - one additional submarine		2,296,000	
6 VIRGINIA CLASS SUBMARINE (AP-CY)	**2,373,187**	**2,173,187**	**-200,000**
Navy requested transfer to line 5 for justification material error		-472,000	
Program increase - one additional submarine		272,000	
10 DDG-51	**3,040,270**	**2,931,245**	**-109,025**
Excess funds		-109,025	
20 TAO FLEET OILER	**0**	**20,000**	**20,000**
Program increase - affordability initiatives		20,000	
22 TOWING, SALVAGE, AND RESCUE SHIP (ATS)	**168,209**	**157,790**	**-10,419**
Excess cost growth		-10,419	
24 OUTFITTING	**825,586**	**806,539**	**-19,047**
Virginia class outfitting excess growth		-4,718	
DDG-51 excess growth		-1,892	
LPD outfitting early to need		-2,000	
LCU outfitting early to need		-1,089	
DDG-1000 post-delivery early to need		-3,753	
LCS post-delivery excess to need		-5,595	
26 SERVICE CRAFT	**249,781**	**244,147**	**-5,634**
APL cost growth		-2,173	
YC contract award delays		-3,461	
PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**100,000**	**100,000**

TAO FLEET OILER PROGRAM

The Committee recognizes that Navy TAO Fleet Oilers are essential for providing fuel to deployed ships, allowing them and their embarked aircraft to remain combat ready and extending the reach of naval forces worldwide. However, while the Committee remains supportive of the TAO Fleet Oiler program, it understands there are long term affordability concerns with the program due to aggregate capability and material choices made during the post-contract award phase. The Committee also believes that ship costs must be reduced in order to build the required fleet of ships. Therefore, the Committee recommendation includes $20,000,000 for non-recurring engineering costs to execute cost reduction initiatives and requirements changes that should be inserted into the TAO design as soon as practical.

Additionally, the Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 45 days after the enactment of this Act that details how these changes will be implemented and the savings they will produce.

SHIP TO SHORE CONNECTOR

The Committee remains supportive of the Ship to Shore Connector (SSC) acquisition program which aims to replace the rapidly aging Landing Craft Air Cushion vehicle fleet. While the Committee is concerned with program delays, it is encouraged by the first craft delivery and the award to build the next 15 SSCs. This award, which includes an additional SSC provided by Congress in the Department of Defense Appropriations Act, 2020, helps fulfill an important "Operational Maneuver from the Sea" requirement. This will allow the Navy and Marine Corps to fulfill future amphibious assault and humanitarian missions. The Committee encourages the Secretary of the Navy to ensure next-generation SSC craft continue to be an integral element of the fleet's responsibilities for ensuring personnel and equipment are supplied from amphibious ships to the shore.

DDG—51 MULTI YEAR PROCUREMENT

The Committee continues to support the Navy's stated goal of a 355-ship fleet, which is an essential part of the National Defense Strategy and its emphasis on near-peer competitors. The Committee recognizes that DDG–51 Destroyers are the backbone of the surface fleet, providing multi-mission flexibility and increasing capability with the introduction of the Flight III variant. The Committee understands the Navy has plans to develop and procure a future Large Surface Combatant in the near future, and notes that the current multi-year procurement of DDG–51s will end in fiscal year 2022. The Committee believes that a follow-on DDG–51 multi-year procurement contract awarded for fiscal year 2023 will ensure that Flight III capability will be available to the fleet and the domestic industrial base will be sustained until the award of the Large Surface Combatant contract. The Committee encourages the Secretary of the Navy to review the potential benefits of awarding a multi-year contract for DDG–51 Flight IIIs in fiscal year 2023.

OTHER PROCUREMENT, NAVY

Fiscal year 2020 appropriation	$10,075,257,000
Fiscal year 2021 budget request	10,948,518,000
Committee recommendation	9,986,796,000
Change from budget request	−961,722,000

The Committee recommends an appropriation of $9,986,796,000 for Other Procurement, Navy which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
	SHIP PROPULSION EQUIPMENT						
1	SURFACE POWER EQUIPMENT	---	11,738	---	10,661	---	-1,077
	GENERATORS						
2	SURFACE COMBATANT HM&E	---	58,497	---	54,628	---	-3,869
	NAVIGATION EQUIPMENT						
3	OTHER NAVIGATION EQUIPMENT	---	74,084	---	74,084	---	---
	PERISCOPES						
	SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT						
4	PROGRAM	---	204,806	---	190,954	---	-13,852
	OTHER SHIPBOARD EQUIPMENT						
5	DDG MOD	---	547,569	---	512,155	---	-35,414
6	FIREFIGHTING EQUIPMENT	---	18,394	---	18,394	---	---
7	COMMAND AND CONTROL SWITCHBOARD	---	2,374	---	2,374	---	---
8	LHA/LHD MIDLIFE	---	78,265	---	66,512	---	-11,753
9	POLLUTION CONTROL EQUIPMENT	---	23,035	---	20,222	---	-2,813
10	SUBMARINE SUPPORT EQUIPMENT	---	64,632	---	64,632	---	---
11	VIRGINIA CLASS SUPPORT EQUIPMENT	---	22,868	---	22,868	---	---
12	LCS CLASS SUPPORT EQUIPMENT	---	3,976	---	7,976	---	+4,000
13	SUBMARINE BATTERIES	---	31,322	---	31,322	---	---
14	LPD CLASS SUPPORT EQUIPMENT	---	50,475	---	45,475	---	-5,000
15	DDG-1000 SUPPORT EQUIPMENT	---	42,279	---	31,659	---	-10,620
16	STRATEGIC PLATFORM SUPPORT EQUIP	---	15,429	---	15,429	---	---
17	DSSP EQUIPMENT	---	2,918	---	2,918	---	---
18	CRUISER MODERNIZATION	---	87,978	---	87,978	---	---
19	LCAC	---	9,366	---	6,758	---	-2,608
20	UNDERWATER EOD PROGRAMS	---	16,842	---	16,842	---	---
21	ITEMS LESS THAN $5 MILLION	---	105,715	---	105,715	---	---
22	CHEMICAL WARFARE DETECTORS	---	3,044	---	3,044	---	---
23	SUBMARINE LIFE SUPPORT SYSTEM	---	5,885	---	5,885	---	---
24	SHIP MAINTENANCE, REPAIR AND MODERNIZATION	---	1,260,721	---	815,945	---	-444,776
	REACTOR PLANT EQUIPMENT						
25	REACTOR POWER UNITS	---	5,305	---	5,305	---	---
26	REACTOR COMPONENTS	---	415,404	---	401,219	---	-14,185
	OCEAN ENGINEERING						
27	DIVING AND SALVAGE EQUIPMENT	---	11,143	---	11,143	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SMALL BOATS						
28	STANDARD BOATS	---	52,371	---	46,451	---	-5,920
	PRODUCTION FACILITIES EQUIPMENT						
29	OPERATING FORCES IPE	---	233,667	---	218,112	---	-15,555
	OTHER SHIP SUPPORT						
30	LCS COMMON MISSION MODULES EQUIPMENT	---	39,714	---	36,323	---	-3,391
31	LCS MCM MISSION MODULES	---	218,822	---	187,608	---	-31,214
32	LCS ASW MISSION MODULES	---	61,759	---	55,703	---	-6,056
33	LCS SUW MISSION MODULES	---	24,412	---	24,412	---	---
34	LCS IN-SERVICE MODERNIZATION	---	121,848	---	128,848	---	+7,000
	LOGISTICS SUPPORT						
35	SMALL & MEDIUM UUV	---	67,709	---	38,135	---	-29,574
	TOTAL, SHIPS SUPPORT EQUIPMENT	---	3,994,366	---	3,367,689		-626,677
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	SHIP SONARS						
37	SPQ-9B RADAR	---	27,517	---	27,517	---	---
38	AN/SQQ-89 SURF ASW COMBAT SYSTEM	---	128,664	---	128,664	---	---
39	SSN ACOUSTICS EQUIPMENT	---	374,737	---	372,822	---	-1,915
40	UNDERSEA WARFARE SUPPORT EQUIPMENT	---	9,286	---	9,286	---	---
	ASW ELECTRONIC EQUIPMENT						
41	SUBMARINE ACOUSTIC WARFARE SYSTEM	---	26,066	---	26,066	---	---
42	SSTD	---	13,241	---	13,241	---	---
43	FIXED SURVEILLANCE SYSTEM	---	193,446	---	193,446	---	---
44	SURTASS	---	63,838	---	63,838	---	---
	ELECTRONIC WARFARE EQUIPMENT						
45	AN/SLQ-32	---	387,195	---	353,961	---	-33,234
	RECONNAISSANCE EQUIPMENT						
46	SHIPBOARD IW EXPLOIT	---	235,744	---	227,337	---	-8,407
47	AUTOMATED IDENTIFICATION SYSTEM (AIS)	---	3,862	---	3,862	---	---
	OTHER SHIP ELECTRONIC EQUIPMENT						
48	COOPERATIVE ENGAGEMENT CAPABILITY	---	26,006	---	26,006	---	---
49	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	---	15,385	---	15,385	---	---
50	ATDLS	---	103,835	---	98,022	---	-5,813
51	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	---	3,594	---	3,594	---	---
52	MINESWEEPING SYSTEM REPLACEMENT	---	15,744	---	15,744	---	---
53	SHALLOW WATER MCM	---	5,493	---	5,493	---	---
54	NAVSTAR GPS RECEIVERS (SPACE)	---	38,043	---	38,043	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
55	ARMED FORCES RADIO AND TV	---	2,592	---	2,592	---	---
56	STRATEGIC PLATFORM SUPPORT EQUIP	---	7,985	---	7,985	---	---
	AVIATION ELECTRONIC EQUIPMENT						
57	ASHORE ATC EQUIPMENT	---	83,475	---	82,970	---	-505
58	AFLOAT ATC EQUIPMENT	---	65,113	---	54,652	---	-10,461
59	ID SYSTEMS	---	23,815	---	23,815	---	---
60	JOINT PRECISION APPROACH AND LANDING SYSTEM	---	100,751	---	94,929	---	-5,822
61	NAVAL MISSION PLANNING SYSTEMS	---	13,947	---	13,947	---	---
	OTHER SHORE ELECTRONIC EQUIPMENT						
62	MARITIME INTEGRATED BROADCAST SYSTEM	---	1,375	---	1,375	---	---
63	TACTICAL/MOBILE C41 SYSTEMS	---	22,771	---	22,771	---	---
64	DCGS-N	---	18,872	---	18,872	---	---
65	CANES	---	389,585	---	389,585	---	---
66	RADIAC	---	10,335	---	10,335	---	---
67	CANES-INTELL	---	48,654	---	48,654	---	---
68	GPETE	---	8,133	---	8,133	---	---
69	NETWORK TACTICAL COMMON DATA LINK	---	4,150	---	3,556	---	-594
70	INTEG COMBAT SYSTEM TEST FACILITY	---	5,934	---	5,934	---	---
71	EMI CONTROL INSTRUMENTATION	---	4,334	---	4,334	---	---
72	ITEMS LESS THAN $5 MILLION	---	159,815	---	154,572	---	-5,243
	SHIPBOARD COMMUNICATIONS						
73	SHIPBOARD TACTICAL COMMUNICATIONS	---	56,106	---	48,561	---	-7,545
74	SHIP COMMUNICATIONS AUTOMATION	---	124,288	---	124,288	---	---
75	COMMUNICATIONS ITEMS UNDER $5M	---	45,120	---	45,120	---	---
	SUBMARINE COMMUNICATIONS						
76	SUBMARINE BROADCAST SUPPORT	---	31,133	---	21,133	---	-10,000
77	SUBMARINE COMMUNICATION EQUIPMENT	---	62,214	---	56,491	---	-5,723
	SATELLITE COMMUNICATIONS						
78	SATELLITE COMMUNICATIONS SYSTEMS	---	47,421	---	47,421	---	---
79	NAVY MULTIBAND TERMINAL (NMT)	---	64,552	---	55,342	---	-9,210
	SHORE COMMUNICATIONS						
80	JCS COMMUNICATIONS EQUIPMENT	---	4,398	---	4,398	---	---
	CRYPTOGRAPHIC EQUIPMENT						
81	INFO SYSTEMS SECURITY PROGRAM (ISSP)	---	157,551	---	157,551	---	---
82	MIO INTEL EXPLOITATION TEAM	---	985	---	985	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	CRYPTOLOGIC EQUIPMENT						
83	CRYPTOLOGIC COMMUNICATIONS EQUIP	---	15,906	---	14,845	---	-1,061
	OTHER ELECTRONIC SUPPORT						
90	COAST GUARD EQUIPMENT	---	70,689	---	59,069	---	-11,620
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	---	3,323,695	---	3,206,542		-117,153
	AVIATION SUPPORT EQUIPMENT						
	SONOBUOYS						
92	SONOBUOYS - ALL TYPES	---	237,639	---	206,614	---	-31,025
	AIRCRAFT SUPPORT EQUIPMENT						
93	MINOTAUR	---	5,077	---	5,077	---	---
94	WEAPONS RANGE SUPPORT EQUIPMENT	---	83,969	---	83,969	---	---
95	AIRCRAFT SUPPORT EQUIPMENT	---	187,758	---	186,438	---	-1,320
96	ADVANCED ARRESTING GEAR (AAG)	---	16,059	---	16,059	---	---
97	METEOROLOGICAL EQUIPMENT	---	15,192	---	15,192	---	---
99	LEGACY AIRBORNE MINE COUNTERMEASURES	---	6,674	---	6,674	---	---
100	COMMON CONTROL SYSTEM	---	1,189	---	1,189	---	---
101	AVIATION SUPPORT EQUIPMENT	---	58,873	---	47,174	---	-11,699
102	UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CONTROL	---	60,937	---	50,970	---	-9,967
	TOTAL, AVIATION SUPPORT EQUIPMENT	---	673,367	---	619,356		-54,011
	ORDNANCE SUPPORT EQUIPMENT						
	SHIP GUN SYSTEM EQUIPMENT						
103	SHIP GUN SYSTEMS EQUIPMENT	---	5,540	---	5,540	---	---
	SHIP MISSILE SYSTEMS EQUIPMENT						
104	HARPOON SUPPORT EQUIPMENT	---	208	---	---	---	-208
105	SHIP MISSILE SUPPORT EQUIPMENT	---	262,077	---	250,356	---	-11,721
106	TOMAHAWK SUPPORT EQUIPMENT	---	84,087	---	77,370	---	-6,717
	FBM SUPPORT EQUIPMENT						
107	STRATEGIC MISSILE SYSTEMS EQUIP	---	258,910	---	248,445	---	-10,465
	ASW SUPPORT EQUIPMENT						
108	SSN COMBAT CONTROL SYSTEMS	---	173,770	---	162,167	---	-11,603
109	ASW SUPPORT EQUIPMENT	---	26,584	---	23,511	---	-3,073
	OTHER ORDNANCE SUPPORT EQUIPMENT						
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	---	7,470	---	7,470	---	---
111	ITEMS LESS THAN $5 MILLION	---	6,356	---	6,356	---	---
	OTHER EXPENDABLE ORDNANCE						
112	ANTI-SHIP MISSILE DECOY SYSTEM	---	86,356	---	53,685	---	-32,671
113	SUBMARINE TRAINING DEVICE MODS	---	69,240	---	69,240	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
114	SURFACE TRAINING EQUIPMENT	---	192,245	---	168,730	---	-23,515
	TOTAL, ORDNANCE SUPPORT EQUIPMENT	---	1,172,843	---	1,072,870		-99,973
	CIVIL ENGINEERING SUPPORT EQUIPMENT						
115	PASSENGER CARRYING VEHICLES	---	6,123	---	6,123	---	---
116	GENERAL PURPOSE TRUCKS	---	2,693	---	---	---	-2,693
117	CONSTRUCTION & MAINTENANCE EQUIP	---	47,301	---	42,510	---	-4,791
118	FIRE FIGHTING EQUIPMENT	---	10,352	---	---	---	-10,352
119	TACTICAL VEHICLES	---	31,475	---	31,475	---	---
121	POLLUTION CONTROL EQUIPMENT	---	2,630	---	2,630	---	---
122	ITEMS UNDER $5 MILLION	---	47,972	---	47,972	---	---
123	PHYSICAL SECURITY VEHICLES	---	1,171	---	1,171	---	---
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT	---	149,717	---	131,881		-17,836
	SUPPLY SUPPORT EQUIPMENT						
124	SUPPLY EQUIPMENT	---	19,693	---	19,693	---	---
125	FIRST DESTINATION TRANSPORTATION	---	4,956	---	4,956	---	---
126	SPECIAL PURPOSE SUPPLY SYSTEMS	---	668,639	---	668,639	---	---
	TOTAL, SUPPLY SUPPORT EQUIPMENT	---	693,288	---	693,288		---
	PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
	TRAINING DEVICES						
127	TRAINING SUPPORT EQUIPMENT	---	4,026	---	4,026	---	---
128	TRAINING AND EDUCATION EQUIPMENT	---	73,454	---	66,376	---	-7,078
	COMMAND SUPPORT EQUIPMENT						
129	COMMAND SUPPORT EQUIPMENT	---	32,390	---	24,390	---	-8,000
130	MEDICAL SUPPORT EQUIPMENT	---	974	---	7,974	---	+7,000
132	NAVAL MIP SUPPORT EQUIPMENT	---	5,606	---	4,106	---	-1,500
133	OPERATING FORCES SUPPORT EQUIPMENT	---	16,024	---	16,024	---	---
134	C4ISR EQUIPMENT	---	6,697	---	6,697	---	---
135	ENVIRONMENTAL SUPPORT EQUIPMENT	---	27,503	---	27,503	---	---
136	PHYSICAL SECURITY EQUIPMENT	---	138,281	---	136,693	---	-1,588
137	ENTERPRISE INFORMATION TECHNOLOGY	---	42,680	---	26,680	---	-16,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
140	NEXT GENERATION ENTERPRISE SERVICE	---	184,443	---	184,443	---	---
141	CYBERSPACE ACTIVITIES	---	16,523	---	13,919	---	-2,604
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT	---	548,601	---	518,831		-29,770
142	SPARES AND REPAIR PARTS	---	374,195	---	357,893	---	-16,302
	CLASSIFIED PROGRAMS	---	18,446	---	18,446	---	---
	TOTAL, OTHER PROCUREMENT, NAVY	---	10,948,518	---	9,986,796		-961,722

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 SURFACE POWER EQUIPMENT	**11,738**	**10,661**	**-1,077**
Gas turbine digital fuel control kits unit cost growth		-1,077	
2 SURFACE COMBATANT HM&E	**58,497**	**54,628**	**-3,869**
HM&E condition system unjustified growth		-3,687	
Twister rudder installation early to need		-182	
4 SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT	**204,806**	**190,954**	**-13,852**
Imaging ISIS technical insertion kits unit cost growth		-1,526	
AN/BLQ-10B technical insertion kits excess growth		-12,326	
5 DDG MOD	**547,569**	**512,155**	**-35,414**
GEDMS equipment installation excess growth		-1,334	
GEDMS equipment flight IIA installation excess growth		-3,181	
MCS/DCS equipment flight II/IIA installation excess growth		-10,126	
IBNS equipment installation excess growth		-3,061	
AWS equipment installation excess growth		-11,489	
Multi-mission SIGPRO equipment installation excess growth		-1,793	
MC/DIAS equipment installation excess growth		-2,340	
Moriah wind system equipment installation excess growth		-1,255	
IVCS equipment installation excess growth		-3,335	
Program increase - mobile seamanship and navigation trainer		2,500	
8 LHA/LHD MIDLIFE	**78,265**	**66,512**	**-11,753**
Propulsion and auxiliary control system kits early to need		-8,490	
SCS-GOV kits early to need		-3,263	
9 POLLUTION CONTROL EQUIPMENT	**23,035**	**20,222**	**-2,813**
OPA improvements unjustified growth		-2,813	
12 LCS CLASS SUPPORT EQUIPMENT	**3,976**	**7,976**	**4,000**
Program increase - water purification systems		4,000	
14 LPD CLASS SUPPORT EQUIPMENT	**50,475**	**45,475**	**-5,000**
LPD-19 delays		-5,000	
15 DDG-1000 SUPPORT EQUIPMENT	**42,279**	**31,659**	**-10,620**
Diminishing manufacturing sources and material shortages unjustified growth		-3,220	
DDG-1000 surface strike unjustifed request		-7,400	
19 LCAC	**9,366**	**6,758**	**-2,608**
LCAC systems upgrade unit cost growth		-623	
Cold weather kits unit cost growth		-1,985	
24 SHIP MAINTENANCE, REPAIR AND MODERNIZATION	**1,260,721**	**815,945**	**-444,776**
Early to need		-444,776	

P-1	Budget Request	Committee Recommended	Change from Request
26 REACTOR COMPONENTS	**415,404**	**401,219**	**-14,185**
Unit cost growths of multiple components		-11,559	
Field change procurement unjustified request		-2,626	
28 STANDARD BOATS	**52,371**	**46,451**	**-5,920**
EDO RIBs unit cost growth		-1,248	
40PB prior year carryover		-4,672	
29 OPERATING FORCES IPE	**233,667**	**218,112**	**-15,555**
CNC shaft lathe contract delays		-15,555	
30 LCS COMMON MISSION MODULES EQUIPMENT	**39,714**	**36,323**	**-3,391**
MPCE hardware contract award delays		-1,732	
MPCE tech refresh contract award delays		-1,659	
31 LCS MCM MISSION MODULES	**218,822**	**187,608**	**-31,214**
Minesweeping payload delivery system early to need		-4,686	
Knifefish unit cost growth		-1,789	
Remote minehunting module excess to need		-24,739	
32 LCS ASW MISSION MODULES	**61,759**	**55,703**	**-6,056**
Multi-function towed array previously funded		-3,150	
ASW support equipment previously funded		-2,906	
34 LCS IN-SERVICE MODERNIZATION	**121,848**	**128,848**	**7,000**
Program increase - continuation of the condition-based maintenance modernization of combat and communication systems including integration of additional equipment		7,000	
35 SMALL & MEDIUM UUV	**67,709**	**38,135**	**-29,574**
Knifefish early to need		-29,574	
39 SSN ACOUSTICS EQUIPMENT	**374,737**	**372,822**	**-1,915**
Low cost conformal array kits installation excess growth		-1,915	
45 AN/SLQ-32	**387,195**	**353,961**	**-33,234**
Block 2 electronic support system tech refresh excess growth		-2,677	
Block 3 kit early to need		-30,557	
46 SHIPBOARD IW EXPLOIT	**235,744**	**227,337**	**-8,407**
ICADS unit cost growth		-1,206	
SSEE increment F(V) 7/8 ECP blade kits early to need		-4,672	
SSEE installation excess growth		-2,529	
50 ATDLS	**103,835**	**98,022**	**-5,813**
ATDLS excess support costs		-5,813	
57 ASHORE ATC EQUIPMENT	**83,475**	**82,970**	**-505**
DASR tech refresh upgrade III early to need		-505	

P-1	Budget Request	Committee Recommended	Change from Request
58 AFLOAT ATC EQUIPMENT	**65,113**	**54,652**	**-10,461**
ACLS mod kits installation cost growth		-1,517	
AN/SPN-46 Block IV excess support costs		-2,976	
AN/SPN-46 Block IV excess installation costs		-1,345	
AN/SPN-35 Block I contract award delays		-4,623	
60 JOINT PRECISION APPROACH AND LANDING SYSTEM	**100,751**	**94,929**	**-5,822**
Support costs previously funded		-5,822	
69 NETWORK TACTICAL COMMON DATA LINK	**4,150**	**3,556**	**-594**
CDLS tech refresh procurement unit cost growth		-594	
72 ITEMS LESS THAN $5 MILLION	**159,815**	**154,572**	**-5,243**
SPS-73 radar excess support costs		-1,523	
SPS-73 installation previously funded		-3,720	
73 SHIPBOARD TACTICAL COMMUNICATIONS	**56,106**	**48,561**	**-7,545**
DMR IW and MUOS systems prior year carryover		-5,182	
DMR IW and MUOS upgrade kits excess installation costs		-2,363	
76 SUBMARINE BROADCAST SUPPORT	**31,133**	**21,133**	**-10,000**
Previously funded item		-503	
C4I for MILCON P-205 unjustified request		-4,487	
Transmission equipment previously funded		-1,353	
Transmission equipment excess installation costs		-3,657	
77 SUBMARINE COMMUNICATION EQUIPMENT	**62,214**	**56,491**	**-5,723**
Submarine high data rate early to need		-5,723	
79 NAVY MULTIBAND TERMINAL (NMT)	**64,552**	**55,342**	**-9,210**
Afloat ship kit cost growth		-9,210	
83 CRYPTOLOGIC COMMUNICATIONS EQUIP	**15,906**	**14,845**	**-1,061**
Unit cost growth		-1,061	
90 COAST GUARD EQUIPMENT	**70,689**	**59,069**	**-11,620**
Combat system integration lifecycle engineering unjustified request		-2,197	
Athena CCD integration unjustified growth		-8,259	
C2P contract award delays		-1,164	
92 SONOBUOYS - ALL TYPES	**237,639**	**206,614**	**-31,025**
AN/SSQ-125 (multi-static coherent source) contract award delay		-31,025	
95 AIRCRAFT SUPPORT EQUIPMENT	**187,758**	**186,438**	**-1,320**
MHU-126/202 TRLR replacement contract award delays		-1,637	
Air launch and recovery equipment prior year carryover		-5,452	
ADMARS block upgrade NRE previously funded		-4,231	
Program increase - COTS-based advanced skills management for legacy systems upgrades		10,000	

P-1	Budget Request	Committee Recommended	Change from Request
101 AVIATION SUPPORT EQUIPMENT	**58,873**	**47,174**	**-11,699**
Survival communications devices unjustified request		-11,699	
102 UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CON	**60,937**	**50,970**	**-9,967**
ARC-210 radio communication system excess to need		-3,073	
MUOS capable communication system excess to need		-3,019	
MUOS capable communication system unit cost growth		-2,038	
Ship change document excess growth		-1,837	
104 HARPOON SUPPORT EQUIPMENT	**208**	**0**	**-208**
Unjustified request		-208	
105 SHIP MISSILE SUPPORT EQUIPMENT	**262,077**	**250,356**	**-11,721**
MK57 mod 12-15 modernization previously funded		-1,202	
SPY radar enhancements unjustified growth		-4,104	
SPY radar refurbishment unjustified growth		-6,138	
SSDS COTS conversion kits installation early to need		-277	
106 TOMAHAWK SUPPORT EQUIPMENT	**84,087**	**77,370**	**-6,717**
TTWCS product improvement previously funded		-3,112	
TPMC hardware excess growth		-3,605	
107 STRATEGIC MISSILE SYSTEMS EQUIP	**258,910**	**248,445**	**-10,465**
NIROP capital maintenance previously funded		-3,238	
SSI increment 16 refresh/redesign concurrency		-7,227	
108 SSN COMBAT CONTROL SYSTEMS	**173,770**	**162,167**	**-11,603**
Common weapon launcher upgrades excess to need		-11,603	
109 ASW SUPPORT EQUIPMENT	**26,584**	**23,511**	**-3,073**
High speed maneuverable surface target early to need		-3,073	
112 ANTI-SHIP MISSILE DECOY SYSTEM	**86,356**	**53,685**	**-32,671**
Advanced offboard/EW unjustified request		-32,671	
114 SURFACE TRAINING EQUIPMENT	**192,245**	**168,730**	**-23,515**
LCS integrated tactics trainer modernization early to need		-9,000	
SSC full mission trainers early to need		-14,515	
116 GENERAL PURPOSE TRUCKS	**2,693**	**0**	**-2,693**
Contract award delays		-2,693	
117 CONSTRUCTION & MAINTENANCE EQUIP	**47,301**	**42,510**	**-4,791**
Contract award delays		-7,791	
Program increase - laser leveling systems for the Seabees		3,000	
118 FIRE FIGHTING EQUIPMENT	**10,352**	**0**	**-10,352**
Contract award delays		-10,352	

P-1	Budget Request	Committee Recommended	Change from Request
128 TRAINING AND EDUCATION EQUIPMENT	**73,454**	**66,376**	**-7,078**
West coast network consolidation unjustified request		-6,167	
Arena scoreboard unjustified request		-455	
Field house scoreboard unjustified request		-456	
129 COMMAND SUPPORT EQUIPMENT	**32,390**	**24,390**	**-8,000**
MUOS early to need		-8,000	
130 MEDICAL SUPPORT EQUIPMENT	**974**	**7,974**	**7,000**
Program increase - expeditionary medical facilities		7,000	
132 NAVAL MIP SUPPORT EQUIPMENT	**5,606**	**4,106**	**-1,500**
CR upgrade tools		-1,000	
NAVAL MIP support equipment insufficient budget justification		-500	
136 PHYSICAL SECURITY EQUIPMENT	**138,281**	**136,693**	**-1,588**
Navy non-lethal effects excess to need		-1,588	
137 ENTERPRISE INFORMATION TECHNOLOGY	**42,680**	**26,680**	**-16,000**
NGEN-R transition excess growth		-16,000	
141 CYBERSPACE ACTIVITIES	**16,523**	**13,919**	**-2,604**
Deployable mission support systems kits excess cost growth		-2,604	
142 SPARES AND REPAIR PARTS	**374,195**	**357,893**	**-16,302**
Excess growth		-16,302	

PRIVATE CONTRACTED SHIP MAINTENANCE

The Committee is disappointed that the Department of the Navy did not analyze the results of its private contracted ship maintenance pilot program before requesting an additional $1,260,721,000 for the continuation of the program. The Committee also notes that the quarterly updates do not include viable metrics to determine whether the program is successful and should be continued. Therefore, the Committee recommendation includes $815,945,000 for the pilot program.

The funding provided in Other Procurement, Navy line 24 Ship Maintenance, Repair and Modernization shall only be for such activities executed in the United States and is hereby designated a congressional special interest item. The Committee directs the Secretary of the Navy to provide the congressional defense committees the following in relation to the pilot—

1. An execution plan for the funding in Other Procurement, Navy line 24, Ship Maintenance, Repair and Modernization. This shall be submitted to the congressional defense committees prior to the execution of funding and shall include the following data points for each ship included in the pilot program:
   a. Ship class, hull number and name of each ship;
   b. Type of availability;
   c. Location of the work;
   d. Execution plan start date;
   e. Execution plan end date; and
   f. Execution plan funded amount (in thousands).
2. Not later than 15 days after the end of each fiscal quarter, an updated plan to the first report showing:
   a. Ship class, hull number and name of each ship;
   b. Type of availability;
   c. Location of the work;
   d. Actual or current estimate of start date;
   e. Actual or current estimate of end date;
   f. Actual funded amount and estimate to complete (in thousands); and

the quarterly update shall also include an execution review of the funding in line 1B4B Ship Depot Maintenance in Operation and Maintenance, Navy.

Additionally, the Committee directs the Secretary of the Navy to establish performance metrics for the program, to measure against the metrics quarterly, and to submit a written analysis to the congressional defense committees not later than 45 days after each quarterly performance evaluation.

EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT

The Committee is concerned with the potential lack of availability of standard, qualified explosive ordnance disposal (EOD) equipment for Navy divers.

The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the standard equipment provided to EOD divers, the age of such equipment, the process through which EOD diving teams acquire new equipment, and

whether additional resources are required to provide more up-to-date and technologically advanced equipment.

PROCUREMENT, MARINE CORPS

Fiscal year 2020 appropriation	$2,898,422,000
Fiscal year 2021 budget request	2,903,976,000
Committee recommendation	2,693,354,000
Change from budget request	−210,622,000

The Committee recommends an appropriation of $2,693,354,000 for Procurement, Marine Corps which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT, MARINE CORPS						
	WEAPONS AND COMBAT VEHICLES						
	TRACKED COMBAT VEHICLES						
1	AAV7A1 PIP	---	87,476	---	87,476	---	---
2	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	72	478,874	72	456,328	---	-22,546
3	LAV PIP	---	41,988	---	37,403	---	-4,585
	ARTILLERY AND OTHER WEAPONS						
4	155MM LIGHTWEIGHT TOWED HOWITZER	---	59	---	59	---	---
5	ARTILLERY WEAPONS SYSTEM	---	174,687	---	112,187	---	-62,500
6	WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION	---	24,867	---	38,306	---	+13,439
	OTHER SUPPORT						
7	MODIFICATION KITS	---	3,067	---	---	---	-3,067
	TOTAL, WEAPONS AND COMBAT VEHICLES	---	811,018	---	731,759		-79,259
	GUIDED MISSILES AND EQUIPMENT						
	GUIDED MISSILES						
8	GROUND BASED AIR DEFENSE	---	18,920	---	14,686	---	-4,234
9	ANTI-ARMOR MISSILE - JAVELIN	98	19,888	98	19,888	---	---
10	FAMILY OF ANTI-ARMOR WEAPON SYSTEMS	---	21,891	---	21,891	---	---
11	ANTI-ARMOR MISSILE - TOW	---	34,985	---	33,640	---	-1,345
12	GUIDED MLRS ROCKET (GMLRS)	952	133,689	952	133,689	---	---
	TOTAL, GUIDED MISSILES AND EQUIPMENT	---	229,373	---	223,794		-5,579
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMMAND AND CONTROL SYSTEMS						
13	COMMON AVIATION COMMAND AND CONTROL SYSTEM	---	35,057	---	35,057	---	---
	REPAIR AND TEST EQUIPMENT						
14	REPAIR AND TEST EQUIPMENT	---	24,405	---	24,405	---	---
15	MODIFICATION KITS	---	1,006	---	1,006	---	---
	OTHER SUPPORT (TEL)						
	COMMAND AND CONTROL						
16	ITEMS UNDER $5 MILLION (COMM & ELEC)	---	69,725	---	69,725	---	---
17	AIR OPERATIONS C2 SYSTEMS	---	15,611	---	8,241	---	-7,370
	RADAR + EQUIPMENT (NON-TEL)						
19	GROUND/AIR TASK ORIENTED RADAR	8	284,283	8	282,073	---	-2,210
	INTELL/COMM EQUIPMENT (NON-TEL)						
20	GCSS-MC	---	1,587	---	1,587	---	---
21	FIRE SUPPORT SYSTEM	---	24,934	---	24,934	---	---
22	INTELLIGENCE SUPPORT EQUIPMENT	---	50,728	---	48,763	---	-1,965
24	UNMANNED AIR SYSTEMS	---	24,853	---	20,889	---	-3,964

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
25	DCGS-MC	---	38,260	---	37,510	---	-750
26	UAS PAYLOADS	---	5,489	---	5,489	---	---
	OTHER SUPPORT (NON-TEL)						
29	NEXT GENERATION ENTERPRISE SERVICE	---	78,922	---	71,724	---	-7,198
30	COMMON COMPUTER RESOURCES	---	35,349	---	35,349	---	---
31	COMMAND POST SYSTEMS	---	33,713	---	23,633	---	-10,080
32	RADIO SYSTEMS	---	343,250	---	277,545	---	-65,705
33	COMM SWITCHING & CONTROL SYSTEMS	---	40,627	---	30,892	---	-9,735
34	COMM & ELEC INFRASTRUCTURE SUPPORT	---	43,782	---	43,782	---	---
35	CYBERSPACE ACTIVITIES	---	53,896	---	43,985	---	-9,911
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	---	1,205,477	---	1,086,589		-118,888
	SUPPORT VEHICLES						
	ADMINISTRATIVE VEHICLES						
37	COMMERCIAL CARGO VEHICLES	---	22,460	---	22,460	---	---
	TACTICAL VEHICLES						
38	MOTOR TRANSPORT MODIFICATIONS	---	10,739	---	10,739	---	---
39	JOINT LIGHT TACTICAL VEHICLE	752	381,675	752	350,369	---	-31,306
40	FAMILY OF TACTICAL TRAILERS	---	2,963	---	2,963	---	---
	TOTAL, SUPPORT VEHICLES	---	417,837	---	386,531		-31,306
	ENGINEER AND OTHER EQUIPMENT						
	ENGINEER AND OTHER EQUIPMENT						
42	ENVIRONMENTAL CONTROL EQUIP ASSORTED	---	385	---	385	---	---
43	TACTICAL FUEL SYSTEMS	---	501	---	501	---	---
44	POWER EQUIPMENT ASSORTED	---	23,430	---	23,430	---	---
45	AMPHIBIOUS SUPPORT EQUIPMENT	---	5,752	---	5,752	---	---
46	EOD SYSTEMS	---	20,939	---	17,349	---	-3,590
	MATERIALS HANDLING EQUIPMENT						
47	PHYSICAL SECURITY EQUIPMENT	---	23,063	---	23,063	---	---
	GENERAL PROPERTY						
48	FIELD MEDICAL EQUIPMENT	---	4,187	---	4,187	---	---
49	TRAINING DEVICES	---	101,765	---	101,765	---	---
50	FAMILY OF CONSTRUCTION EQUIPMENT	---	19,305	---	22,305	---	+3,000
51	ULTRA-LIGHT TACTICAL VEHICLE	---	678	---	678	---	---
	OTHER SUPPORT						
52	ITEMS LESS THAN $5 MILLION	---	9,174	---	9,174	---	---
	TOTAL, ENGINEER AND OTHER EQUIPMENT	---	209,179	---	208,589		-590

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
53	SPARES AND REPAIR PARTS	---	27,295	---	27,295	---	---
	CLASSIFIED PROGRAMS	---	3,797	---	3,797	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, PROCUREMENT, MARINE CORPS	---	2,903,976	---	2,693,354		-210,622

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
2 AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	**478,874**	**456,328**	**-22,546**
Surface vehicle cost prior year carryover		-7,347	
System engineering program management previously funded		-8,862	
Production support previously funded		-1,713	
Peculiar training equipment and simulators previously funded		-2,550	
ILS excess growth		-2,074	
3 LAV PIP	**41,988**	**37,403**	**-4,585**
Intercom unit cost growth		-4,585	
5 ARTILLERY WEAPONS SYSTEM	**174,687**	**112,187**	**-62,500**
Missiles excess to need		-62,500	
6 WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION	**24,867**	**38,306**	**13,439**
RHGPK production units previously funded and cost growth		-1,861	
Program increase - reconnaissance weapon system		5,300	
Program increase - rifle squad suppressor		10,000	
7 MODIFICATION KITS	**3,067**	**0**	**-3,067**
Marine Corps identified excess to need		-3,067	
8 GROUND BASED AIR DEFENSE	**18,920**	**14,686**	**-4,234**
Support costs previously funded		-4,234	
11 ANTI-ARMOR MISSILE - TOW	**34,985**	**33,640**	**-1,345**
Missile cost prior year carryover		-1,345	
17 AIR OPERATIONS C2 SYSTEMS	**15,611**	**8,241**	**-7,370**
CTN CAB-E antenna procurement previously funded		-4,580	
CTN CAB-E initial issue provisioning excess to need		-2,790	
19 GROUND/AIR TASK ORIENTED RADAR	**284,283**	**282,073**	**-2,210**
Radar decoys unjustified request		-2,210	
22 INTELLIGENCE SUPPORT EQUIPMENT	**50,728**	**48,763**	**-1,965**
SCI comms fielding and initial support early to need		-1,965	
24 UNMANNED AIR SYSTEMS	**24,853**	**20,889**	**-3,964**
Long range/long endurance unjustified request		-6,964	
Program increase - short range/short endurance VTOL		3,000	
25 DCGS-MC	**38,260**	**37,510**	**-750**
Software previously funded		-750	
29 NEXT GENERATION ENTERPRISE SERVICE	**78,922**	**71,724**	**-7,198**
Network equipment tech refresh previously funded		-7,198	

P-1	Budget Request	Committee Recommended	Change from Request
31 COMMAND POST SYSTEMS	**33,713**	**23,633**	**-10,080**
NOTM utility task vehicle unjustified request		-10,080	
32 RADIO SYSTEMS	**343,250**	**277,545**	**-65,705**
MCMP contract award delays		-20,488	
MCHH previously funded		-42,300	
Line of sight replacement radios failure to comply with congressional direction		-2,917	
33 COMM SWITCHING & CONTROL SYSTEMS	**40,627**	**30,892**	**-9,735**
ECP network equipment excess growth		-9,735	
35 CYBERSPACE ACTIVITIES	**53,896**	**43,985**	**-9,911**
Robust infrastructure excess growth		-11,911	
Program increase - advanced cyber threat detection capabilities		2,000	
39 JOINT LIGHT TACTICAL VEHICLE	**381,675**	**350,369**	**-31,306**
Vehicles previously funded		-31,306	
46 EOD SYSTEMS	**20,939**	**17,349**	**-3,590**
PM acquisition support excess growth		-3,590	
50 FAMILY OF CONSTRUCTION EQUIPMENT	**19,305**	**22,305**	**3,000**
Program increase - laser leveling systems		3,000	
PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**25,000**	**25,000**

AUTOMATED PARTS SCREENING AND SELECTION TOOL FOR ADDITIVE MANUFACTURING

The automated parts screening and selection tool for additive manufacturing is an innovative advancement for the use of additive manufacturing throughout the Department of Defense. The tool will create an automated methodology for additive manufacturing parts selection in support of sustainment operations, particularly for ground combat and combat support vehicles, and will identify the best parts candidates for additive manufacturing that will have the greatest impact on readiness. As part of the development of the tool, a select group of identified parts will be additively manufactured, installed, and field tested. The Committee encourages the Secretary of the Navy to resource these innovations to improve readiness and enhance warfighter capabilities.

AIRCRAFT PROCUREMENT, AIR FORCE

Fiscal year 2020 appropriation	$17,512,361,000
Fiscal year 2021 budget request	17,908,145,000
Committee recommendation	19,587,853,000
Change from budget request	+1,679,708,000

The Committee recommends an appropriation of $19,587,853,000 for Aircraft Procurement, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	AIRCRAFT PROCUREMENT, AIR FORCE						
	COMBAT AIRCRAFT						
	TACTICAL FORCES						
1	F-35	48	4,567,018	48	5,754,118	---	+1,187,100
2	F-35 (AP-CY)	---	610,800	---	610,800	---	---
4	F-15EX	12	1,269,847	12	1,242,247	---	-27,600
5	F-15EX (AP-CY)	---	133,500	---	133,500	---	---
	TOTAL, COMBAT AIRCRAFT	---	6,581,165	---	7,740,665		+1,159,500
	AIRLIFT AIRCRAFT/TACTICAL AIRLIFT						
7	KC-46A TANKER	15	2,850,151	15	2,707,380	---	-142,771
	OTHER AIRLIFT						
8	C-130J	---	37,131	---	227,131	---	+190,000
10	MC-130J	4	362,807	4	362,807	---	---
11	MC-130J (AP)	---	39,987	---	30,000	---	-9,987
12	UH-1N REPLACEMENT	---	194,016	---	194,016	---	---
	TOTAL, AIRLIFT AIRCRAFT	---	3,484,092	---	3,521,334		+37,242
	OTHER AIRCRAFT						
	HELICOPTERS						
13	COMBAT RESCUE HELICOPTER	16	973,473	16	909,909	---	-63,564
13A	CV-22	---	---	---	206,220	---	+206,220
	MISSION SUPPORT AIRCRAFT						
15	CIVIL AIR PATROL A/C	---	2,811	---	11,200	---	+8,389
	OTHER AIRCRAFT						
18	TARGET DRONES	38	133,273	38	133,273	---	---
18	COMPASS CALL	---	161,117	---	161,117	---	---
20	MQ-9	---	29,409	---	---	---	-29,409
	TOTAL, OTHER AIRCRAFT	---	1,300,083	---	1,421,719		+121,636
	MODIFICATION OF INSERVICE AIRCRAFT						
	STRATEGIC AIRCRAFT						
22	B-1	---	3,853	---	3,853	---	---
23	B-2A	---	31,476	---	31,476	---	---
24	B-1B	---	21,808	---	21,808	---	---
25	B-52	---	53,949	---	28,078	---	-25,871
26	LARGE AIRCRAFT INFRARED COUNTERMEASURES	---	9,999	---	9,999	---	---
	TACTICAL AIRCRAFT						
27	A-10	---	135,793	---	135,793	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
28	E-11 BACN/HAG	---	33,645	---	29,645	---	-4,000
29	F-15	---	349,304	---	329,242	---	-20,062
30	F-16	---	615,760	---	637,892	---	+22,132
32	F-22A	---	387,905	---	387,905	---	---
33	F-35 MODIFICATIONS	---	322,185	---	342,185	---	+20,000
34	F-15 EPAW	6	31,995	6	31,995	---	---
35	INCREMENT 3.2b	---	5,889	---	5,889	---	---
36	KC-46A MODS	---	24,085	---	9,085	---	-15,000
	AIRLIFT AIRCRAFT						
37	C-5	---	62,108	---	62,108	---	---
38	C-17A	---	66,798	---	44,798	---	-22,000
40	C-32A	---	2,947	---	2,947	---	---
41	C-37A	---	12,985	---	5,985	---	-7,000
	TRAINER AIRCRAFT						
42	GLIDER MODS	---	977	---	977	---	---
43	T6	---	26,829	---	23,929	---	-2,900
44	T-1	---	4,465	---	4,465	---	---
45	T-38	---	36,806	---	36,806	---	---
	OTHER AIRCRAFT						
46	U-2 MODS	---	110,618	---	110,618	---	---
47	KC-10A (ATCA)	---	117	---	117	---	---
49	VC-25A MOD	---	1,983	---	1,983	---	---
50	C-40	---	9,252	---	7,252	---	-2,000
51	C-130	---	5,871	---	318,580	---	+312,709
52	C130J MODS	---	140,032	---	140,032	---	---
53	C-135	---	88,250	---	88,250	---	---
55	COMPASS CALL MODS	---	193,389	---	168,389	---	-25,000
57	RC-135	---	191,332	---	191,332	---	---
58	E-3	---	172,141	---	135,740	---	-36,401
59	E-4	---	58,803	---	44,140	---	-14,663
60	E-8	---	11,037	---	11,037	---	---
60	AIRBORNE WARNING AND CONTROL SYSTEM	---	53,343	---	53,343	---	---
62	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	---	1,573	---	1,573	---	---
63	H-1	---	4,410	---	4,410	---	---
64	H-60	---	44,538	---	44,538	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
65	RQ-4 UAV MODS	---	40,468	---	2,000	---	-38,468
66	HC/MC-130 MODIFICATIONS	---	20,780	---	20,780	---	---
67	OTHER AIRCRAFT	---	100,774	---	100,774	---	---
68	MQ-9 MODS	---	188,387	---	155,011	---	-33,376
70	CV-22 MODS	---	122,306	---	122,306	---	---
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT	---	3,800,965	---	3,909,065		+108,100
	AIRCRAFT SPARES AND REPAIR PARTS						
71	INITIAL SPARES/REPAIR PARTS	---	926,683	---	917,112	---	-9,571
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
	COMMON SUPPORT EQUIPMENT						
73	AIRCRAFT REPLACEMENT SUPPORT EQUIP	---	132,719	---	126,119	---	-6,600
	POST PRODUCTION SUPPORT						
74	B-2A	---	1,683	---	1,683	---	---
75	B-2B	---	46,734	---	46,734	---	---
76	B-52	---	1,034	---	1,034	---	---
79	E-11 BACN/HAG	---	63,419	---	63,419	---	---
80	F-15	---	2,632	---	2,632	---	---
81	F-16 POST PRODUCTION SUPPORT	---	14,163	---	14,163	---	---
83	OTHER AIRCRAFT	---	4,595	---	4,595	---	---
84	RQ-4 POST PRODUCTION CHARGES	---	32,585	---	32,585	---	---
	INDUSTRIAL PREPAREDNESS						
85	INDUSTRIAL PREPAREDNESS	---	18,215	---	18,215	---	---
	WAR CONSUMABLES						
86	WAR CONSUMABLES	---	36,046	---	36,046	---	---
	OTHER PRODUCTION CHARGES						
88	OTHER PRODUCTION CHARGES	---	1,439,640	---	1,476,041	---	+36,401
89	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	233,000	---	+233,000
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	---	1,793,465	---	2,056,266		+262,801
	CLASSIFIED PROGRAMS	---	21,692	---	21,692	---	---
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	---	17,908,145	---	19,587,853		+1,679,708

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	**F-35**	**4,567,018**	**5,754,118**	**1,187,100**
	Program increase - twelve aircraft		1,172,000	
	Program increase - depot standup acceleration		209,000	
	Miscellaneous support costs unjustified		-156,000	
	Aggressor squadron support ahead of need		-37,900	
4	**F-15EX**	**1,269,847**	**1,242,247**	**-27,600**
	Airframe excess to need		-27,600	
7	**KC-46**	**2,850,151**	**2,707,380**	**-142,771**
	ECO excess to need		-142,771	
8	**C-130J**	**37,131**	**227,131**	**190,000**
	Program increase - two aircraft for the Air Force Reserve		190,000	
11	**MC-130J (AP)**	**39,987**	**30,000**	**-9,987**
	Excess to need		-9,987	
13	**COMBAT RESCUE HELICOPTER**	**973,473**	**909,909**	**-63,564**
	Modernization/upgrades ahead of need		-63,564	
13A	**CV-22**	**0**	**206,220**	**206,220**
	Program increase - two aircraft		206,220	
15	**CIVIL AIR PATROL**	**2,811**	**11,200**	**8,389**
	Program increase		8,389	
20	**MQ-9**	**29,409**	**0**	**-29,409**
	Production line shutdown ahead of need		-29,409	
25	**B-52**	**53,949**	**28,078**	**-25,871**
	Bomber TDL install funds ahead of need		-2,000	
	GPS-IU funding ahead of need		-23,871	
28	**E-11 BACN/HAG**	**33,645**	**29,645**	**-4,000**
	Survivability kits - one excess to need		-4,000	
29	**F-15**	**349,304**	**329,242**	**-20,062**
	APG-82 common configuration excess to need		-12,012	
	MUOS ahead of need		-8,050	
30	**F-16**	**615,760**	**637,892**	**22,132**
	Comm suite upgrade excess to need		-43,000	
	AIFF Mode 5 - Air Force requested transfer to RDTE,AF line 187		-9,868	
	Program increase - AESA radars for Air National Guard aircraft		75,000	
33	**F-35 MODIFICATIONS**	**322,185**	**342,185**	**20,000**
	Program increase - reliability and maintainability improvement program		20,000	

P-1		Budget Request	Committee Recommended	Change from Request
36	**KC-46 MODS**	**24,085**	**9,085**	**-15,000**
	Excess to need		-15,000	
38	**C-17**	**66,798**	**44,798**	**-22,000**
	BLOS ahead of need		-22,000	
41	**C-37A**	**12,985**	**5,985**	**-7,000**
	Wideband SATCOM install funding ahead of need		-7,000	
43	**T-6**	**26,829**	**23,929**	**-2,900**
	Other government costs unjustified		-2,900	
50	**C-40**	**9,252**	**7,252**	**-2,000**
	Wideband SATCOM install funding ahead of need		-2,000	
51	**C-130**	**5,871**	**318,580**	**312,709**
	Program increase - engine enhancement program		79,000	
	Program increase - propeller upgrade		233,000	
	Program increase - modular airborne firefighting system		4,600	
	AMP 1 excess to need		-3,841	
	AMP 2 ahead of need		-50	
55	**COMPASS CALL MODS**	**193,389**	**168,389**	**-25,000**
	Mission crew simulator ahead of need		-25,000	
58	**E-3**	**172,141**	**135,740**	**-36,401**
	NATO AWACS - transfer to line 88		-36,401	
59	**E-4**	**58,803**	**44,140**	**-14,663**
	Survivable SHF ahead of need		-14,663	
65	**RQ-4 MODS**	**40,468**	**2,000**	**-38,468**
	Mod funding unjustified		-29,468	
	Communication/interoperability enhancements		-9,000	
68	**MQ-9 MODS**	**188,387**	**155,011**	**-33,376**
	GCS block 30 A and B kits unjustified		-3,376	
	MQ-9 upgrade other government costs growth		-30,000	
71	**INITIAL SPARES/REPAIR PARTS**	**926,683**	**917,112**	**-9,571**
	F-15 EPAWSS spares excess to need		-6,036	
	F-16 digital RWR carryover		-3,535	
73	**AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT**	**132,719**	**126,119**	**-6,600**
	BAT milestone C delay		-6,600	
88	**OTHER PRODUCTION CHARGES**	**1,439,640**	**1,476,041**	**36,401**
	NATO AWACS - transfer from line 58		36,401	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		**233,000**	**233,000**

OPEN SKIES TREATY AND OC–135 RECAPITALIZATION

The Department of Defense Appropriations Act, 2019 included $146,374,000 to begin the recapitalization of the two OC–135 aircraft that perform United States flights under the Open Skies Treaty. These funds were approved despite the Committee's concerns that the Air Force was unready to execute the program; congressional approval was based on the insistence by the Office of the Secretary of Defense that the funds were urgently required and that the Air Force would be able to execute the acquisition within the year of appropriation. The Committee's concerns about execution proved well-founded and as of May 2020 little of the funding had been spent; however, the Air Force finally appeared positioned to award a contract for the program within the calendar year. On May 21, the Administration announced its decision to withdraw from the Open Skies Treaty and submitted the notice of intent under the Treaty on the following day. This abrupt announcement violated section 1234 of the National Defense Authorization Act for Fiscal Year 2020, which requires the Secretaries of Defense and State to notify Congress 120 days prior to any such action. The Committee views this action as further confirmation of the Department of Defense's increasing disregard for the law and the Congress. The Committee opposes the Administration's decision to withdraw from the Open Skies Treaty and is concerned with the Administration's apparent contempt for arms control measures. The Committee further notes that the Department has signaled its intent to reprogram the funding appropriated for the OC–135 recapitalization effort for other purposes. The Committee will not approve any such reprogramming and the recommendation rescinds $158,448,000 of fiscal year 2019 and 2020 funding for OC–135 recapitalization.

BATTLEFIELD AIRBORNE COMMUNICATION NODE

The Department of Defense Appropriations Act, 2019 included $100,000,000 to procure an additional RQ–4 aircraft modified for the Battlefield Airborne Communication Node (BACN) mission. To date that funding remains unexecuted, and the Air Force has proposed in its fiscal year 2021 budget submission to divest the RQ–4 Block 20 BACN aircraft and procure manned E–11 aircraft to replace them. The Committee supports the use of the fiscal year 2019 funding to execute the Air Force's new plan for BACN and to expedite the replacement of the January 2020 E–11 operational aircraft loss.

LC–130H AIRCRAFT

The Air National Guard operates a unique fleet of ski-equipped LC–130H aircraft capable of operating in the arctic and Antarctic regions. In addition to supporting vital scientific research, the capabilities of these aircraft have increasing relevance due to growing national interests in the arctic region. As the Department of Defense's 2019 report on arctic strategy notes, the arctic region is gaining importance through the combined effects of climate change and geopolitical competition for territorial claims, waterways and underlying resources, with attendant implications for homeland se-

curity. The report identifies the LC–130H wing as the only unit of its kind capable of operating from ice locations in the arctic. While the Committee notes that these aircraft have benefited from recent propulsion upgrades, it is concerned that these aircraft are becoming degraded by age and operational use.

Therefore, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees on the status of these LC–130H aircraft not later than 90 days after the enactment of this Act. The report shall include information on the age and estimated service life of the aircraft, trends in operating costs and mission capable rate, known sustainment and safety problems, and the benefits of both completed and planned aircraft modifications. Finally, the report shall include an estimate of the cost of replacing these aircraft with C–130Js, including the cost of modifications required to support the LC–130 wing's unique mission.

MQ–NEXT

The Air Force's fiscal year 2021 budget request proposes to terminate production of MQ–9 aircraft, citing an excess of aircraft compared to projected operational requirements. The Committee does not accept this proposal and recommends additional funding for 16 MQ–9 aircraft. The Committee is concerned that the Air Force has reached this decision without adequate planning for a follow-on system. The Committee is aware that the Air Force recently released a request for information (RFI) to industry for improved solutions for future unmanned aerial systems with both intelligence, surveillance, and reconnaissance and strike capabilities, including a potential follow-on to the MQ–9. However, this RFI assumes that initial operating capability would not be achieved until 2030, and the Air Force budget request includes only a small amount of funding for concept exploration.

The Committee therefore directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than the submission of the fiscal year 2022 budget request on an MQ–9 follow-on program to be designated as MQ–Next. The goal of the MQ–Next program should be to accelerate the development and fielding of a next-generation medium altitude unmanned aerial system. The report shall detail the desired features of such a system, the cost and timeline required to achieve development and fielding, proposed measures to ensure full and open competition, and an explanation of how such a system would fulfill the goals of the National Defense Strategy.

F–15EX

The Committee continues to support the F–15EX program, which was recently affirmed by the Air Force to be the most expedient and cost-effective solution to addressing urgent availability problems with the F–15C/D fleet and improving fighter force capacity. The Committee notes that the Air Force acquisition strategy includes the provision of F–15EX engines as government furnished equipment. The Committee understands that the Air Force will procure engines for the initial stage of the program, which is being executed under middle tier acquisition authorities for rapid field-

ing, using a sole-source exception. The Committee is aware that the Air Force recently issued a sources sought notice to determine market capacity to deliver a fully integrated propulsion system for subsequent lots of F–15EX aircraft. The Committee encourages the Secretary of the Air Force to use full and open competition methods, including transparent selection criteria and due consideration of life-cycle costs, consistent with the goals of the F–15EX program.

C–130 FLEET MANAGEMENT PLAN

The Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees with the submission of the fiscal year 2022 budget request, that presents the Air Force's long-term fleet management plan for C–130 aircraft. The report shall address the Air Force's updated assessment of the theater airlift requirements and its plans to either recapitalize C–130H aircraft or to maintain a split fleet with C–130J and modernized C–130H aircraft. The report shall include, but is not limited to, planned total active aerospace vehicle inventory numbers throughout the future years defense program (FYDP) with justifications to any projected reduction in fleet size; projections of primary aerospace vehicle inventory and backup aerospace vehicle inventory per individual unit throughout the FYDP; plans to recapitalize C–130H aircraft with C–130J aircraft with projected timelines and associated funding throughout the FYDP; plans to modernize C–130H aircraft with projected timelines and associated funding throughout the FYDP; and plans to modify proficiency training or deployment requirements for units to account for any reduction in the number of aircraft assigned to those units.

CRITICAL INFRASTRUCTURE INVESTMENTS

The Committee encourages the Secretary of the Air Force to work with local governments to identify needed investments in surface transportation projects that will provide additional road capacity at congested or dangerous intersections, especially involving rail lines, for efficient flow and safety of aerospace workforce 213A and materiel deliveries to and from major national defense assets involved in research, testing, assembly, and manufacturing.

MISSILE PROCUREMENT, AIR FORCE

Fiscal year 2020 appropriation	$2,575,890,000
Fiscal year 2021 budget request	2,396,417,000
Committee recommendation	2,249,157,000
Change from budget request	−147,260,000

The Committee recommends an appropriation of $2,249,157,000 for Missile Procurement, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE 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	---	75,012	---	73,474	---	-1,538
	OTHER MISSILES						
	TACTICAL						
2	REPLAC EQUIP & WAR CONSUMABLES	---	4,495	---	4,495	---	---
4	JOINT AIR-SURFACE STANDOFF MISSILE (JASSM)	376	475,949	376	470,009	---	-5,940
5	LONG RANGE ANTI-SHIP MISSILE (LRASMO)	5	19,800	5	---	---	-19,800
6	SIDEWINDER (AIM-9X)	331	164,769	331	151,269	---	-13,500
7	AMRAAM	414	453,223	414	384,223	---	-69,000
8	PREDATOR HELLFIRE MISSILE	548	40,129	548	40,129	---	---
9	SMALL DIAMETER BOMB	1,179	45,475	1,179	45,475	---	---
10	SMALL DIAMETER BOMB II	1,133	273,272	1,133	237,932	---	-35,340
	INDUSTRIAL FACILITIES						
11	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION	---	814	---	814	---	---
	TOTAL, OTHER MISSILES	---	1,477,926	---	1,334,346		-143,580
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
13	ICBM FUZE MOD	20	3,458	20	---	---	-3,458
14	ICBM FUZE MOD	---	43,450	---	43,450	---	---
15	MM III MODIFICATIONS	---	85,310	---	57,453	---	-27,857
16	AGM-65D MAVERICK	---	298	---	298	---	---
17	AIR LAUNCH CRUISE MISSILE	---	52,924	---	52,924	---	---
	TOTAL, MODIFICATION OF INSERVICE MISSILES	---	185,440	---	154,125		-31,315

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SPARES AND REPAIR PARTS						
18	INITIAL SPARES/REPAIR PARTS	---	9,402	---	13,575	---	+4,173
19	REPLEN SPARES/REPAIR PARTS	---	84,671	---	84,671	---	---
	TOTAL, SPARES AND REPAIR PARTS	---	94,073	---	98,246		+4,173
	SPECIAL PROGRAMS						
23	SPECIAL UPDATE PROGRAMS	---	23,501	---	23,501	---	---
	UPROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	CLASSIFIED PROGRAMS	---	540,465	---	540,465	---	---
	TOTAL, SPECIAL PROGRAMS	---	563,966	---	588,966		+25,000
	TOTAL, MISSILE PROCUREMENT, AIR FORCE	---	2,396,417	---	2,249,157		-147,260

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	MISSILE REPLACEMENT EQUIPMENT-BALLISTIC	75,012	73,474	-1,538
	PIGA/G6B4 ahead of need		-1,538	
4	JASSM	475,949	470,009	-5,940
	AGM-158D pricing adjustment		-5,940	
5	LRASM	19,800	0	-19,800
	Defer Air Force LRASM production		-19,800	
6	SIDEWINDER (AIM-9X)	164,769	151,269	-13,500
	Block II unit cost growth		-13,500	
7	AMRAAM	453,223	384,223	-69,000
	Contract delays		-69,000	
10	SMALL DIAMETER BOMB II	273,272	237,932	-35,340
	Deliveries behind schedule		-35,340	
13	ICBM FUZE MOD	3,458	0	-3,458
	Recurring procurement excess to need		-3,458	
15	MINUTEMAN III MODIFICATIONS	85,310	57,453	-27,857
	LCCBU group B ahead of need		-23,684	
	Initial spares - Air Force requested transfer to line 18		-4,173	
18	MISSILE SPARES / REPAIR PARTS	9,402	13,575	4,173
	Initial spares - Air Force requested transfer from line 15		4,173	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		25,000	25,000

PROCUREMENT OF AMMUNITION, AIR FORCE

Fiscal year 2020 appropriation	$1,625,661,000
Fiscal year 2021 budget request	596,338,000
Committee recommendation	609,338,000
Change from budget request	+13,000,000

The Committee recommends an appropriation of $609,338,000 for Procurement of Ammunition, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT OF AMMUNITION, AIR FORCE						
	PROCUREMENT OF AMMO, AIR FORCE						
1	ROCKETS	---	14,962	---	14,962	---	---
2	CARTRIDGES	---	123,365	---	123,365	---	---
	BOMBS						
3	PRACTICE BOMBS	---	59,725	---	59,725	---	---
6	JOINT DIRECT ATTACK MUNITION	10,000	206,989	10,000	221,989	---	+15,000
7	B61	---	35,634	---	35,634	---	---
	FLARE, IR MJU-7B						
9	CAD/PAD	---	47,830	---	47,830	---	---
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	---	6,232	---	6,232	---	---
11	SPARES AND REPAIR PARTS	---	542	---	542	---	---
12	MODIFICATIONS	---	1,310	---	1,310	---	---
13	ITEMS LESS THAN $5,000,000	---	4,753	---	4,753	---	---
	FLARES/FUZES						
15	FLARES	---	40,088	---	40,088	---	---
16	FUZES	---	40,983	---	13,983	---	-27,000
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE	---	582,413	---	570,413		-12,000
	WEAPONS						
17	SMALL ARMS	---	13,925	---	13,925	---	---
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS	---	---	---	25,000	---	+25,000
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE	---	596,338	---	609,338		+13,000

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
6	JOINT DIRECT ATTACK MUNITION	206,989	221,989	15,000
	Program increase - JDAM laser kits		15,000	
16	FUZES	40,983	13,983	-27,000
	C-HOBS ahead of need		-27,000	
	PROGRAM INCREASE - COVID RECOVERY FOR SECOND, THIRD, AND FOURTH TIER SUPPLIERS		25,000	25,000

OTHER PROCUREMENT, AIR FORCE

Fiscal year 2020 appropriation	$21,410,021,000
Fiscal year 2021 budget request	23,695,720,000
Committee recommendation	23,603,470,000
Change from budget request	−92,250,000

The Committee recommends an appropriation of $23,603,470,000 for Other Procurement, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE	---	9,016	---	9,016	---	---
	CARGO + UTILITY VEHICLES						
2	FAMILY MEDIUM TACTICAL VEHICLE	---	15,058	---	15,058	---	---
3	CAP VEHICLES	---	1,059	---	1,800	---	+741
4	ITEMS LESS THAN $5M (CARGO AND UTILITY VEHICLES)	---	38,920	---	38,920	---	---
	SPECIAL PURPOSE VEHICLES						
5	JOINT LIGHT TACTICAL VEHICLE	---	30,544	---	30,544	---	---
6	SECURITY AND TACTICAL VEHICLES	---	319	---	319	---	---
7	ITEMS LESS THAN $5M (SPECIAL PURPOSE VEHICLES)	---	43,157	---	43,157	---	---
	FIRE FIGHTING EQUIPMENT						
8	FIRE FIGHTING/CRASH RESCUE VEHICLES	---	8,621	---	8,621	---	---
	MATERIALS HANDLING EQUIPMENT						
9	ITEMS LESS THAT $5M (MATERIALS HANDLING EQUIPMENT)	---	12,897	---	12,897	---	---
	BASE MAINTENANCE SUPPORT						
10	RUNWAY SNOW REMOVAL & CLEANING EQUIP	---	3,577	---	3,577	---	---
	ITEMS LESS THAN $5M (BASE MAINTENANCE SUPPORT						
11	VEHICLES)	---	43,095	---	43,095	---	---
	TOTAL, VEHICULAR EQUIPMENT	---	206,263	---	207,004		+741
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
	COMM SECURITY EQUIPMENT(COMSEC)						
13	COMSEC EQUIPMENT	---	54,864	---	54,864	---	---
	INTELLIGENCE PROGRAMS						
14	INTERNATIONAL INTEL TECH AND ARCHITECTURES	---	9,283	---	9,283	---	---
15	INTELLIGENCE TRAINING EQUIPMENT	---	6,849	---	6,849	---	---
16	INTELLIGENCE COMM EQUIP	---	33,471	---	25,471	---	-8,000
	ELECTRONICS PROGRAMS						
17	TRAFFIC CONTROL/LANDING	---	29,409	---	25,842	---	-3,567
18	BATTLE CONTROL SYSTEM - FIXED	---	7,909	---	7,909	---	---
19	THEATER AIR CONTROL SYS IMPRO	---	32,632	---	32,632	---	---
20	WEATHER OBSERVATION FORECAST	---	33,021	---	33,021	---	---
21	STRATEGIC COMMAND AND CONTROL	---	31,353	---	28,407	---	-2,946
22	CHEYENNE MOUNTAIN COMPLEX	---	10,314	---	8,199	---	-2,115
23	MISSION PLANNING SYSTEMS	---	15,132	---	15,132	---	---
25	INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN)	---	9,806	---	9,806	---	---
	SPECIAL COMM-ELECTRONICS PROJECTS						
26	GENERAL INFORMATION TECHNOLOGY	---	39,887	---	39,887	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
27	AF GLOBAL COMMAND & CONTROL SYSTEM	---	2,602	---	2,602	---	---
29	MOBILITY COMMAND AND CONTROL	---	10,541	---	10,541	---	---
30	AIR FORCE PHYSICAL SECURITY SYSTEM	---	96,277	---	96,277	---	---
31	COMBAT TRAINING RANGES	---	195,185	---	189,185	---	-6,000
32	MINIMUM ESSENTIAL EMERGENCY COMM N	---	29,664	---	19,939	---	-9,725
33	WIDE AREA SURVEILLANCE (WAS)	---	59,633	---	59,633	---	---
34	C3 COUNTERMEASURES	---	105,584	---	105,584	---	---
36	DEFENSE ENTERPRISE ACCOUNTING AND MGMT	---	899	---	899	---	---
38	THEATER BATTLE MGT C2 SYS	---	3,392	---	3,392	---	---
39	AIR AND SPACE OPERATIONS CTR-WPN SYSTEM	---	24,983	---	24,983	---	---
41	AIR FORCE COMMUNICATIONS INFORMATION TRANSPORT SYSTEMS	---	19,147	---	19,147	---	---
42	AFNET	---	84,515	---	84,515	---	---
43	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	---	6,185	---	6,185	---	---
44	USCENTCOM	---	19,649	---	19,649	---	---
45	USSTRATCOM	---	4,337	---	4,337	---	---
46	ORGANIZATION AND BASE TACTICAL C-E EQUIPMENT	---	137,033	---	137,033	---	---
47	RADIO EQUIPMENT	---	15,264	---	15,264	---	---
49	BASE COMM INFRASTRUCTURE	---	132,281	---	132,281	---	---
50	MODIFICATIONS COMM ELECT MODS	---	21,471	---	21,471	---	---
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.	---	1,282,572	---	1,250,219		-32,353
51	OTHER BASE MAINTENANCE AND SUPPORT EQUIP PERSONAL SAFETY AND RESCUE EQUIP ITEMS LESS THAN $5,000,000 (SAFETY)	---	49,578	---	49,578	---	---
52	DEPOT PLANT + MATERIALS HANDLING EQ POWER CONDITIONING EQUIPMENT	---	11,454	---	11,454	---	---
53	MECHANIZED MATERIAL HANDLING	---	12,110	---	12,110	---	---
54	BASE SUPPORT EQUIPMENT BASE PROCURED EQUIPMENT	---	21,142	---	27,342	---	+6,200
55	ENGINEERING AND EOD EQUIPMENT	---	7,700	---	7,700	---	---
56	MOBILITY EQUIPMENT	---	18,266	---	18,266	---	---
57	FUELS SUPPORT EQUIPMENT (FSE)	---	9,601	---	9,601	---	---
58	ITEMS LESS THAN $5M (BASE SUPPORT)	---	42,078	---	42,078	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SPECIAL SUPPORT PROJECTS						
60	DARP RC135	---	27,164	---	27,164	---	---
61	DISTRIBUTED GROUND SYSTEMS	---	121,528	---	99,190	---	-22,338
63	SPECIAL UPDATE PROGRAM	---	782,641	---	782,641	---	---
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP	---	1,103,262	---	1,087,124		-16,138
	SPARE AND REPAIR PARTS						
64	SPARES AND REPAIR PARTS (CYBER)	---	1,664	---	1,664	---	---
65	SPARES AND REPAIR PARTS	---	15,847	---	15,847	---	---
	CLASSIFIED PROGRAMS	---	21,086,112	---	21,041,612	---	-44,500
	TOTAL, OTHER PROCUREMENT, AIR FORCE		23,695,720		23,603,470		-92,250

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
3	CAP VEHICLES	1,059	1,800	741
	Program increase		741	
16	INTELLIGENCE COMM EQUIPMENT	33,471	25,471	-8,000
	CAIS unjustified growth		-8,000	
17	AIR TRAFFIC CONTROL & LANDING SYSTEMS	29,409	25,842	-3,567
	DARC excess to need		-3,567	
21	STRATEGIC COMMAND AND CONTROL	31,353	28,407	-2,946
	JADC2 procurement growth unjustified		-2,946	
22	CHEYENNE MOUNTAIN COMPLEX	10,314	8,199	-2,115
	Transfer to P,SF line 17		-2,115	
31	COMBAT TRAINING RANGES	195,185	189,185	-6,000
	ARTS V2 combined contract award		-6,000	
32	MEECN	29,664	19,939	-9,725
	Production funding excess to need		-9,725	
54	BASE PROCURED EQUIPMENT	21,142	27,342	6,200
	Program increase - laboratory equipment		6,200	
61	DCGS-AF	121,528	99,190	-22,338
	Excess to need		-22,338	
999	CLASSIFIED PROGRAMS	21,086,112	21,041,612	-44,500
	Classified adjustment		-44,500	

PROCUREMENT, SPACE FORCE

Fiscal year 2020 appropriation	$– – –
Fiscal year 2021 budget request	2,446,064,000
Committee recommendation	2,289,934,000
Change from budget request	– 156,130,000

The Committee recommends an appropriation of $2,289,934,000 for Procurement, Space Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT, SPACE FORCE						
	SPACE PROGRAMS						
1	ADVANCED EHF	---	14,823	---	14,823	---	---
2	AF SATELLITE COMM SYSTEM	---	48,326	---	53,326	---	+5,000
3	COUNTERSPACE SYSTEMS	---	65,540	---	49,155	---	-16,385
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	---	66,190	---	56,190	---	-10,000
5	GENERAL INFORMATION TECH - SPACE	---	3,299	---	3,299	---	---
6	GPSIII FOLLOW ON	2	627,796	2	622,796	---	-5,000
7	GPS III SPACE SEGMENT	---	20,122	---	20,122	---	---
8	GLOBAL POSTIONING (SPACE)	---	2,256	---	2,256	---	---
9	SPACEBORNE EQUIP (COMSEC)	---	35,495	---	35,495	---	---
10	MILSATCOM	---	15,795	---	15,795	---	---
11	SBIR HIGH (SPACE)	---	160,891	---	160,891	---	---
12	SPECIAL SPACE ACTIVITIES	---	78,387	---	78,387	---	---
13	NATIONAL SECURITY SPACE LAUNCH	3	1,043,171	3	933,271	---	-109,900
14	NUDET DETECTION SYSTEM	---	6,638	---	6,638	---	---
15	ROCKET SYSTEMS LAUNCH PROGRAM	---	47,741	---	47,741	---	---
16	SPACE FENCE	---	11,279	---	11,279	---	---
17	SPACE MODS	---	96,551	---	86,706	---	-9,845
18	SPACELIFT RANGE SYSTEM SPACE	---	100,492	---	90,492	---	-10,000
19	SPARES AND REPAIR PARTS	---	1,272	---	1,272	---	---
	TOTAL, PROCUREMENT, SPACE FORCE		2,446,064		2,289,934		-156,130

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	AF SATELLITE COMM SYSTEM	48,326	53,326	5,000
	Program increase - cyber defense		5,000	
3	COUNTERSPACE SYSTEMS	65,540	49,155	-16,385
	CCS procurement early to need		-16,385	
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	66,190	56,190	-10,000
	Insufficient justification		-10,000	
6	GPSIII FOLLOW ON	627,796	622,796	-5,000
	Unjustified increase		-5,000	
13	NATIONAL SECURITY SPACE LAUNCH	1,043,171	933,271	-109,900
	Launch services unjustified increase		-91,000	
	Enterprise systems engineering unjustified increase		-5,900	
	Launch services support unjustified increase		-13,000	
17	SPACE MODS	96,551	86,706	-9,845
	Transfer from OP,AF line 22		2,155	
	Unjustified request		-12,000	
18	SPACELIFT RANGE SYSTEM SPACE	100,492	90,492	-10,000
	Underexecution		-10,000	

PROCUREMENT, DEFENSE WIDE

Fiscal year 2020 appropriation	$5,332,147,000
Fiscal year 2021 budget request	5,324,487,000
Committee recommendation	5,418,220,000
Change from budget request	+93,733,000

The Committee recommends an appropriation of $5,418,220,000 for Procurement, Defense-Wide which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCAA						
	MAJOR EQUIPMENT, DCMA						
2	MAJOR EQUIPMENT	---	1,398	---	1,398	---	---
	MAJOR EQUIPMENT, DCSA						
3	MAJOR EQUIPMENT	---	2,212	---	2,212	---	---
	MAJOR EQUIPMENT, DHRA						
5	PERSONNEL ADMINISTRATION	---	4,213	---	4,213	---	---
	MAJOR EQUIPMENT, DISA						
11	INFORMATION SYSTEMS SECURITY	---	17,211	---	17,211	---	---
12	TELEPORT PROGRAM	---	29,841	---	29,841	---	---
13	JOINT FORCES HEADQUARTERS - DODIN	---	3,091	---	3,091	---	---
14	ITEMS LESS THAN $5M	---	41,569	---	41,569	---	---
16	DEFENSE INFORMATION SYSTEMS NETWORK	---	26,978	---	26,978	---	---
17	WHITE HOUSE COMMUNICATION AGENCY	---	44,161	---	44,161	---	---
18	SENIOR LEADERSHIP ENTERPRISE	---	35,935	---	35,935	---	---
19	JOINT REGIONAL SECURITY STACKS (JRSS)	---	88,741	---	88,741	---	---
20	JOINT SERVICE PROVIDER	---	157,538	---	152,538	---	-5,000
21	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	---	42,084	---	37,084	---	-5,000
	MAJOR EQUIPMENT, DLA						
23	MAJOR EQUIPMENT	---	417,459	---	390,459	---	-27,000
	MAJOR EQUIPMENT, DMACT						
24	MAJOR EQUIPMENT	---	7,993	---	7,993	---	---
	MAJOR EQUIPMENT, DODEA						
25	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	---	1,319	---	1,319	---	---
	MAJOR EQUIPMENT, DPAA						
26	MAJOR EQUIPMENT, DPAA	10	500	10	500	---	---
	MAJOR EQUIPMENT, DSS						
27	REGIONAL CENTER PROCUREMENT	---	1,598	---	1,598	---	---
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
28	VEHICLES	---	215	---	215	---	---
29	OTHER MAJOR EQUIPMENT	---	9,994	---	9,994	---	---
	MAJOR EQUIPMENT, MDA						
31	THAAD SYSTEM	41	495,396	41	502,010	---	+6,614
34	AEGIS BMD	34	356,195	34	356,195	---	---
35	AEGIS BMD (AP)	---	44,901	---	44,901	---	---
37	AEGIS BMD SM-3 BLOCK IIA	6	218,322	6	318,322	---	+100,000
38	ISRAELI PROGRAMS	1	77,000	1	77,000	---	---
39	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	1	50,000	1	50,000	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
40	AEGIS ASHORE PHASE III	---	39,114	---	34,629	---	-4,485
41	IRON DOME SYSTEM	1	73,000	1	73,000	---	---
42	AEGIS BMD HARDWARE AND SOFTWARE	49	104,241	49	104,241	---	---
	MAJOR EQUIPMENT, NSA						
48	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	---	101	---	101	---	---
	MAJOR EQUIPMENT, OSD						
49	MAJOR EQUIPMENT, OSD	---	3,099	---	33,099	---	+30,000
	MAJOR EQUIPMENT, TJS						
50	MAJOR EQUIPMENT, TJS	---	8,329	---	8,329	---	---
51	MAJOR EQUIPMENT - TJS CYBER	---	1,247	---	1,247	---	---
	MAJOR EQUIPMENT, WHS						
53	MAJOR EQUIPMENT, WHS	---	515	---	515	---	---
	TOTAL, MAJOR EQUIPMENT	---	2,405,510	---	2,500,639		+95,129
	CLASSIFIED PROGRAMS	---	554,264	---	551,864	---	-2,400
	SPECIAL OPERATIONS COMMAND AVIATION PROGRAMS						
55	ARMED OVERWATCH/TARGETING	5	101,000	5	21,000	---	-80,000
59	SOF ROTARY WING UPGRADES AND SUSTAINMENT	---	211,041	---	211,041	---	---
60	UNMANNED ISR	---	25,488	---	24,488	---	-1,000
61	NON-STANDARD AVIATION	---	61,874	---	61,874	---	---
62	SOF U-28	---	3,825	---	3,825	---	---
63	MH-47 CHINOOK	---	135,482	---	135,482	---	---
64	CV-22 SOF MODIFICATION	---	14,829	---	54,109	---	+39,280
65	MQ-9 UNMANNED AERIAL VEHICLE	---	6,746	---	6,746	---	---
66	PRECISION STRIKE PACKAGE	---	243,111	---	233,111	---	-10,000
67	AC/MC-130J	---	163,914	---	153,914	---	-10,000
68	C-130 MODIFICATIONS	---	20,414	---	10,414	---	-10,000
	SHIPBUILDING						
69	UNDERWATER SYSTEMS	---	20,556	---	20,556	---	---
	AMMUNITION PROGRAMS						
70	SOF ORDNANCE ITEMS UNDER $5,000,000	---	186,197	---	186,197	---	---
	OTHER PROCUREMENT PROGRAMS						
71	SOF INTELLIGENCE SYSTEMS	---	94,982	---	94,982	---	---
72	DCGS-SOF	---	11,645	---	11,645	---	---
73	OTHER ITEMS UNDER $5,000,000	---	96,333	---	84,107	---	-12,226

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	BUDGET REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
74	SOF COMBATANT CRAFT SYSTEMS	---	17,278	---	33,278	---	+16,000
75	SPECIAL PROGRAMS	---	78,865	---	102,365	---	+23,500
76	TACTICAL VEHICLES	---	30,158	---	30,158	---	---
77	WARRIOR SYSTEMS UNDER $5,000,000	---	260,733	---	303,733	---	+43,000
78	COMBAT MISSION REQUIREMENTS	---	19,848	---	19,848	---	---
79	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	---	2,401	---	2,401	---	---
80	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	---	13,861	---	13,861	---	---
81	SOF OPERATIONAL ENHANCEMENTS	---	247,038	---	247,038	---	---
	TOTAL, SPECIAL OPERATIONS COMMAND	---	2,067,619	---	2,066,173		-1,446
	CHEMICAL/BIOLOGICAL DEFENSE						
82	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	---	147,150	---	149,600	---	+2,450
83	CB PROTECTION AND HAZARD MITIGATION	---	149,944	---	149,944	---	---
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE	---	297,094	---	299,544		+2,450
	TOTAL, PROCUREMENT, DEFENSE-WIDE	---	5,324,487	---	5,418,220		+93,733

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Commitee Recommended	Change from Request
20	**JOINT SERVICE PROVIDER**	**157,538**	**152,538**	**-5,000**
	Insufficient justification		-5,000	
21	**FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)**	**42,084**	**37,084**	**-5,000**
	Insufficient justification		-5,000	
23	**MAJOR EQUIPMENT**	**417,459**	**390,459**	**-27,000**
	MGUE excess growth		-20,000	
	MGUE - DLA requested transfer to RDTE,DW line 54		-7,000	
31	**THAAD SYSTEM**	**495,396**	**502,010**	**6,614**
	Unit cost growth		-23,494	
	Program increase - HEMTT trucks		30,108	
37	**AEGIS BMD SM-3 Block IIA**	**218,322**	**318,322**	**100,000**
	Program increase - additional SM-3 Block IIA interceptors		100,000	
40	**AEGIS ASHORE PHASE III**	**39,114**	**34,629**	**-4,485**
	Excess growth		-4,485	
49	**MAJOR EQUIPMENT, OSD**	**3,099**	**33,099**	**30,000**
	Mentor Protégé funding restoration		30,000	
55	**ARMED OVERWATCH/TARGETING**	**101,000**	**21,000**	**-80,000**
	Excess to need		-80,000	
60	**UNMANNED ISR**	**25,488**	**24,488**	**-1,000**
	EOTACs insufficient budget justification		-1,000	
64	**CV-22 SOF MODIFICATION**	**14,829**	**54,109**	**39,280**
	Program increase - two aircraft modifications		39,280	
66	**PRECISION STRIKE PACKAGE**	**243,111**	**233,111**	**-10,000**
	Excess to need		-10,000	
67	**AC/MC-130J**	**163,914**	**153,914**	**-10,000**
	RFCM excess to need		-10,000	
68	**C-130 MODIFICATIONS**	**20,414**	**10,414**	**-10,000**
	Excess to need		-10,000	
73	**SOF OTHER ITEMS UNDER $5M**	**96,333**	**84,107**	**-12,226**
	MMP excess to need		-12,226	
74	**SOF COMBATANT CRAFT SYSTEMS**	**17,278**	**33,278**	**16,000**
	Program increase - combatant craft assault		16,000	
75	**SPECIAL PROGRAMS**	**78,865**	**102,365**	**23,500**
	Classified adjustment - excess to need		-15,000	
	Program increase - classified adjustment		38,500	

P-1		Budget Request	Commitee Recommended	Change from Request
77	**SOF WARRIOR SYSTEMS UNDER $5M**	**260,733**	**303,733**	**43,000**
	Program increase - STC		20,000	
	RC-IED excess to need		-2,000	
	Program increase - cUAS		25,000	
82	**CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS**	**147,150**	**149,600**	**2,450**
	Program increase - joint chemical agent detector solid liquid adapter		2,450	
999	**CLASSIFIED PROGRAMS**	**554,264**	**551,864**	**-2,400**
	Classified adjustment		-2,400	

CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS

The Committee commends the Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense (JPEO–CBRND) for the fielding of dismounted reconnaissance sets, kits, and system enhancement packages critical for CBRND capabilities. These equipment sets provide situational awareness and accelerate innovative technologies that extend the longevity of these capabilities. The Committee encourages the Joint Program Executive Officer for JPEO–CBRND to ensure timely fielding of these capabilities.

DEFENSE PRODUCTION ACT PURCHASES

Fiscal year 2020 appropriation	$64,393,000
Fiscal year 2021 budget request	181,931,000
Committee recommendation	191,931,000
Change from budget request	+10,000,000

The Committee recommends an appropriation of $191,931,000 for the Defense Production Act Purchases which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
DEFENSE PRODUCTION ACT PURCHASES	181,931	191,931	10,000
Program increase—3D carbon hypersonic materials		10,000	
TOTAL, DEFENSE PRODUCTION ACT PURCHASES	181,931	191,931	10,000

TITLE IV

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2021 Department of Defense research, development, test and evaluation budget request totals $106,224,793,000. The Committee recommendation provides $104,348,089,000 for the research, development, test and evaluation accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RECAPITULATION			
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	12,587,343	13,126,499	+539,156
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	21,427,048	20,165,874	-1,261,174
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.	37,391,826	36,040,609	-1,351,217
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE.....	10,327,595	10,187,840	-139,755
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	24,280,891	24,617,177	+336,286
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	210,090	210,090	---
GRAND TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	106,224,793	104,348,089	-1,876,704

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

(INCLUDING BASE AND OVERSEAS CONTINGENCY OPERATIONS FUNDING)

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.

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.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS

The Committee was disappointed that the annual report on the Department's request for Federally Funded Research and Development Centers (FFRDC) was delivered more than three months late for the second consecutive year from the Office of the Under Secretary of Defense (Research and Engineering). This report is due to Congress with the submission of the annual budget request. De-

tails of FFRDC funding and staffing levels are incorporated into the budget request in various programs, projects, and activities; therefore, the Committee is confused why the annual summary report, which assists in determining any necessary adjustments to the FFRDC legislative provision, is consistently delivered late. The Committee is also disturbed by the lack of transparency the Under Secretary's office provides to the Committee on possible changes it seems to be contemplating for the use of FFRDCs. Therefore, 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, on the methodology and criteria being used to assess each of the FFRDCs, the definition of core competencies, and what, if any, transitions will take place in fiscal years 2021 and 2022. The Secretary is also directed to inform the congressional defense committees on possible changes to the policy document for the FFRDC program, Department of Defense Instruction 5000.77, prior to the implementation of any decisions that are made.

HUMAN PERFORMANCE OPTIMIZATION RESEARCH

The Committee believes that developmental programs aimed at human performance optimization in the physical, cognitive, organizational, and social domains could improve military readiness. The Committee encourages the Service Secretaries to prioritize human performance optimization research efforts and encourages utilizing public-private partnerships when possible.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Fiscal year 2020 appropriation	$12,543,435,000
Fiscal year 2021 budget request	12,587,343,000
Committee recommendation	13,126,499,000
Change from budget request	+539,156,000

The Committee recommends an appropriation of $13,126,499,000 for Research, Development, Test and Evaluation, Army which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY			
	BASIC RESEARCH			
2	DEFENSE RESEARCH SCIENCES	303,257	346,457	+43,200
3	UNIVERSITY RESEARCH INITIATIVES	67,148	101,148	+34,000
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,877	117,877	+30,000
5	CYBER COLLABORATIVE RESEARCH ALLIANCE	5,077	5,077	---
	TOTAL, BASIC RESEARCH	463,359	570,559	+107,200
	APPLIED RESEARCH			
7	BIOMEDICAL TECHNOLOGY	11,835	11,835	---
11	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	2,000	2,000	---
12	LETHALITY TECHNOLOGY	42,425	96,425	+54,000
13	ARMY APPLIED RESEARCH	30,757	43,467	+12,710
14	SOLDIER LETHALITY TECHNOLOGY	125,435	155,435	+30,000
15	GROUND TECHNOLOGY	28,047	112,047	+84,000
16	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	217,565	251,565	+34,000
17	NETWORK C3I TECHNOLOGY	114,404	149,404	+35,000
18	LONG RANGE PRECISION FIRES TECHNOLOGY	60,553	80,553	+20,000
19	FUTURE VERTICLE LIFT TECHNOLOGY	96,484	116,484	+20,000
20	AIR AND MISSILE DEFENSE TECHNOLOGY	56,298	75,298	+19,000
22	C3I APPLIED CYBER	18,816	18,816	---
40	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,766	20,766	---
42	MEDICAL TECHNOLOGY	95,496	100,496	+5,000
	TOTAL, APPLIED RESEARCH	920,881	1,234,591	+313,710
	ADVANCED TECHNOLOGY DEVELOPMENT			
44	MEDICAL ADVANCED TECHNOLOGY	38,896	84,896	+46,000
49	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	11,659	11,659	---
52	MEDICAL DEVELOPMENT	27,723	27,723	---
53	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	62,663	62,663	---
54	SOLDIER LETHALITY ADVANCED TECHNOLOGY	109,608	137,608	+28,000
55	GROUND ADVANCED TECHNOLOGY	14,795	111,295	+96,500
59	COUNTER IMPROVISED-THREAT SIMULATION	25,000	25,000	---
63	C3I CYBER ADVANCED DEVELOPMENT	23,357	43,357	+20,000
64	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	188,024	188,024	---
65	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY	199,358	272,358	+73,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
66	NETWORK C3I ADVANCED TECHNOLOGY	158,608	172,608	+14,000
67	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	121,060	141,060	+20,000
68	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	156,194	193,444	+37,250
69	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	58,130	85,630	+27,500
77	HUMANITARIAN DEMINING	8,515	17,000	+8,485
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	1,203,590	1,574,325	+370,735
	DEMONSTRATION & VALIDATION			
78	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	11,062	34,062	+23,000
79	ARMY SPACE SYSTEMS INTEGRATION	26,230	26,230	---
80	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	26,482	25,082	-1,400
81	LANDMINE WARFARE AND BARRIER - ADV DEV	64,092	61,858	-2,234
83	TANK AND MEDIUM CALIBER AMMUNITION	92,753	92,753	---
84	ARMORED SYSTEM MODERNIZATION - ADV DEV	151,478	151,478	---
85	SOLDIER SUPPORT AND SURVIVABILITY	5,841	5,841	---
86	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD	194,775	170,025	-24,750
87	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	24,316	24,316	---
88	ENVIRONMENTAL QUALITY TECHNOLOGY	13,387	18,387	+5,000
89	NATO RESEARCH AND DEVELOPMENT	4,762	4,762	---
90	AVIATION - ADV DEV	647,937	672,937	+25,000
91	LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	4,761	4,761	---
92	MEDICAL SYSTEMS - ADV DEV	28,520	28,520	---
93	SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	26,138	26,138	---
94	ROBOTICS DEVELOPMENT	121,207	114,792	-6,415
96	ELECTRONIC WARFARE TECHNOLOGY MATURATION (MIP)	22,840	22,840	---
97	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	22,678	22,678	---
98	ANALYSIS OF ALTERNATIVES	10,082	10,082	---
99	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	1,378	1,378	---
100	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	40,083	57,083	+17,000
101	LOWER TIER AIR MISSILE DEFENSE (LTAMID) SENSOR	376,373	376,373	---
102	TECHNOLOGY MATURATION INITIATIVES	156,834	156,834	---
103	MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD)	4,995	---	-4,995
105	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	170,490	165,490	-5,000
106	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	128,125	138,125	+10,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
107	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT AND PROTOTYPING	129,547	129,547	---
108	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	13,831	13,831	---
109	HYPERSONICS	801,417	811,417	+10,000
111	FUTURE INTERCEPTOR	7,992	---	-7,992
112	UNIFIED NETWORK TRANSPORT	40,677	40,677	---
115	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	50,525	50,525	---
	TOTAL, DEMONSTRATION & VALIDATION	3,421,608	3,458,822	+37,214
	ENGINEERING & MANUFACTURING DEVELOPMENT			
118	AIRCRAFT AVIONICS	2,764	7,264	+4,500
119	ELECTRONIC WARFARE DEVELOPMENT	62,426	59,026	-3,400
121	INFANTRY SUPPORT WEAPONS	91,574	74,934	-16,640
122	MEDIUM TACTICAL VEHICLES	8,523	8,523	---
123	JAVELIN	7,493	7,493	---
124	FAMILY OF HEAVY TACTICAL VEHICLES	24,792	24,792	---
125	AIR TRAFFIC CONTROL	3,511	3,511	---
126	LIGHT TACTICAL WHEELED VEHICLES	1,976	1,976	---
127	ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV	135,488	135,488	---
128	NIGHT VISION SYSTEMS - SDD	61,445	50,611	-10,834
129	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,814	2,814	---
130	NON-SYSTEM TRAINING DEVICES - SDD	28,036	28,036	---
131	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD	43,651	43,651	---
132	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	10,150	10,150	---
133	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	5,578	5,578	---
134	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD	7,892	7,892	---
135	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	24,975	24,975	---
136	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	3,568	3,568	---
137	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	19,268	19,268	---
138	WEAPONS AND MUNITIONS - SDD	265,811	298,811	+33,000
139	LOGISTICS AND ENGINEER EQUIPMENT - SDD	49,694	56,344	+6,650
140	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD	11,079	11,079	---
141	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	49,870	49,870	---
142	LANDMINE WARFARE/BARRIER - SDD	9,589	9,589	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
143	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE...	162,513	143,233	-19,280
144	RADAR DEVELOPMENT.....	109,259	109,259	---
145	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS).....	21,201	21,201	---
146	FIREFINDER.....	20,008	16,808	-3,200
147	SOLDIER SYSTEMS - WARRIOR DEM/VAL.....	6,534	6,534	---
148	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS -EMD.....	82,459	93,380	+10,921
149	ARTILLERY SYSTEMS.....	11,611	36,611	+25,000
150	INFORMATION TECHNOLOGY DEVELOPMENT.....	142,678	124,612	-18,066
151	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A).....	115,286	115,286	---
152	ARMORED MULTI-PURPOSE VEHICLE.....	96,594	59,666	-36,928
154	JOINT TACTICAL NETWORK CENTER (JTNC).....	16,264	16,264	---
155	JOINT TACTICAL NETWORK (JTN).....	31,696	31,696	---
157	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM - EXPENDITIONARY (GBOSS-E).....	5,976	5,976	---
159	COMMON INFRARED COUNTERMEASURES (CIRCM).....	23,321	23,321	---
161	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE....	4,846	4,846	---
162	DEFENSIVE CYBER TOOL DEVELOPMENT.....	28,544	28,544	---
163	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER).....	28,178	22,157	-6,021
164	CONTRACT WRITING SYSTEM.....	22,860	22,860	---
166	AIRCRAFT SURVIVABILITY DEVELOPMENT.....	35,893	35,893	---
167	INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1...	235,770	118,470	-117,300
168	GROUND ROBOTICS.....	13,710	13,710	---
169	EMERGING TECHNOLOGY INITIATIVES.....	294,739	304,739	+10,000
170	MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT.....	954	954	---
171	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION.....	150,201	150,201	---
172	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5).....	5,999	5,999	---
174	JOINT AIR-TO-GROUND MISSILE (JAGM).....	8,891	8,891	---
175	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD).....	193,929	198,929	+5,000
176	MANNED GROUND VEHICLE.....	327,732	229,500	-98,232
177	NATIONAL CAPABILITIES INTEGRATION.....	7,670	7,670	---
178	JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING....	1,742	1,742	---
179	AVIATION GROUND SUPPORT EQUIPMENT.....	1,467	1,467	---
180	TROJAN - RH12.....	3,451	3,451	---
183	ELECTRONIC WARFARE DEVELOPMENT.....	55,855	20,250	-35,605

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	3,199,798	2,929,363	-270,435
	RDT&E MANAGEMENT SUPPORT			
185	THREAT SIMULATOR DEVELOPMENT	14,515	14,515	---
186	TARGET SYSTEMS DEVELOPMENT	10,668	10,668	---
187	MAJOR T&E INVESTMENT	106,270	123,110	+16,840
188	RAND ARROYO CENTER	13,481	13,481	---
189	ARMY KWAJALEIN ATOLL	231,824	231,824	---
190	CONCEPTS EXPERIMENTATION PROGRAM	54,898	51,079	-3,819
192	ARMY TEST RANGES AND FACILITIES	350,359	365,359	+15,000
193	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	48,475	53,475	+5,000
194	SURVIVABILITY/LETHALITY ANALYSIS	36,001	36,001	---
195	AIRCRAFT CERTIFICATION	2,736	2,736	---
196	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,488	6,488	---
197	MATERIEL SYSTEMS ANALYSIS	21,859	21,859	---
198	EXPLOITATION OF FOREIGN ITEMS	7,936	7,936	---
199	SUPPORT OF OPERATIONAL TESTING	54,470	54,470	---
200	ARMY EVALUATION CENTER	63,141	56,827	-6,314
201	ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND INTEG	2,572	2,572	---
202	PROGRAMWIDE ACTIVITIES	87,472	80,418	-7,054
203	TECHNICAL INFORMATION ACTIVITIES	26,244	26,244	---
204	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	40,133	47,113	+6,980
205	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,780	1,780	---
206	MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	55,045	55,045	---
208	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	71,306	71,306	---
209	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	1,063	1,063	---
210	MEDICAL PROGRAM-WIDE ACTIVITIES	19,891	19,891	---
211	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	4,496	4,496	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,333,123	1,359,756	+26,633

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATIONAL SYSTEMS DEVELOPMENT			
214	MLRS PRODUCT IMPROVEMENT PROGRAM	10,157	10,157	---
216	ANTI-TAMPER TECHNOLOGY SUPPORT	8,682	8,682	---
217	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	20,409	20,409	---
219	LONG RANGE PRECISION FIRES (LRPF)	122,733	104,625	-18,108
221	BLACKHAWK RECAP/MODERNIZATION	11,236	11,236	---
222	CHINOOK HELICOPTER PRODUCT IMPROVEMENT PROGRAM	46,091	51,091	+5,000
224	IMPROVED TURBINE ENGINE PROGRAM	249,257	224,257	-25,000
225	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT	17,155	17,155	---
226	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	7,743	19,743	+12,000
227	APACHE FUTURE DEVELOPMENT	77,177	77,177	---
228	INTEL CYBER DEVELOPMENT	14,652	14,652	---
229	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	35,851	35,851	---
230	FAMILY OF BIOMETRICS	1,324	1,324	---
231	PATRIOT PRODUCT IMPROVEMENT	187,840	187,840	---
232	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM	44,691	44,691	---
233	COMBAT VEHICLE IMPROVEMENT PROGRAMS	268,919	249,502	-19,417
234	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	427,254	420,963	-6,291
235	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	11,688	11,688	---
236	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	80	80	---
237	DIGITIZATION	4,516	4,516	---
238	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	1,288	1,288	---
239	OTHER MISSILE PRODUCT IMPROVEMENT	79,424	76,174	-3,250
243	ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM.	259	259	---
244	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM	166	---	-166
245	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	75,575	75,575	---
246	JOINT TACTICAL GROUND SYSTEM	9,510	9,510	---
249	INFORMATION SYSTEMS SECURITY PROGRAM	29,270	29,270	---
250	GLOBAL COMBAT SUPPORT SYSTEM	86,908	86,908	---
251	SATCOM GROUND ENVIRONMENT (SPACE)	18,684	18,684	---
256	INTEGRATED BROADCAST SERVICE (IBS)	467	467	---
257	TACTICAL UNMANNED AERIAL VEHICLES	4,051	4,051	---
258	AIRBORNE RECONNAISSANCE SYSTEMS	13,283	13,283	---
259	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	47,204	47,204	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
264	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	61,012	106,012	+45,000
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,994,556	1,984,324	-10,232
9999	CLASSIFIED PROGRAMS	3,983	3,983	---
267	DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT	46,445	46,445	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-35,669	-35,669
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY	12,587,343	13,126,499	+539,156

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
2	**DEFENSE RESEARCH SCIENCES**	**303,257**	**346,457**	**43,200**
	Program increase - unmanned aerial systems propulsion		15,000	
	Program increase		10,000	
	Program increase - flexible LED lighting for tents and shelters		5,200	
	Program increase - counter UAS technology research		5,000	
	Program increase - cell-free expression for biomanufacturing		5,000	
	Program increase - explosives and opioids dual-use UV detection		3,000	
3	**UNIVERSITY RESEARCH INITIATIVES**	**67,148**	**101,148**	**34,000**
	Program increase		20,000	
	Program increase - additive manufacturing using ultra high-performance concrete		10,000	
	Program increase - clean modular hydro technology		4,000	
4	**UNIVERSITY AND INDUSTRY RESEARCH CENTERS**	**87,877**	**117,877**	**30,000**
	Program increase - Army artificial intelligence innovation		20,000	
	Program increase - materials in extreme dynamic environments		10,000	
12	**LETHALITY TECHNOLOGY**	**42,425**	**96,425**	**54,000**
	Program increase - novel and sustainable energetic materials		24,000	
	Program increase - quantum technologies for armament systems		10,000	
	Program increase - solid fuel propulsion technology		10,000	
	Program increase - optimized additive manufacturing		5,000	
	Program increase - next generation remote sensing		5,000	
13	**ARMY APPLIED RESEARCH**	**30,757**	**43,467**	**12,710**
	Program increase - pathfinder airborne		8,000	
	Program increase - UTDD catalyst		5,000	
	Program increase - smart installation and community program		5,000	
	Insufficient justification		-5,290	
14	**SOLDIER LETHALITY TECHNOLOGY**	**125,435**	**155,435**	**30,000**
	Program increase - lightweight body armor		10,000	
	Program increase - advanced textile-based products		6,000	
	Program increase - HEROES program		5,000	
	Program increase - soldier ballistic technologies		5,000	
	Program increase - medical simulation and training		4,000	

R-1		Budget Request	Committee Recommended	Change from Request
15	**GROUND TECHNOLOGY**	**28,047**	**112,047**	**84,000**
	Program increase - defense resiliency against extreme cold weather		10,000	
	Program increase - rapid advanced deposition		10,000	
	Program increase - additive manufacturing machine learning initiative		10,000	
	Program increase - materials manufacturing processes		10,000	
	Program increase - materials recovery technologies for defense supply resiliency		10,000	
	Program increase - autonomous digital design and manufacturing		5,000	
	Program increase - environmental quality enhanced coatings		5,000	
	Program increase - integrity of transparent armor		5,000	
	Program increase - high performance polymers		5,000	
	Program increase - military waste stream conversion		5,000	
	Program increase - robotic RTCH		5,000	
	Program increase - advanced concrete		4,000	
16	**NEXT GENERATION COMBAT VEHICLE TECHNOLOGY**	**217,565**	**251,565**	**34,000**
	Program increase - prototyping energy smart autonomous ground systems		12,000	
	Program increase - additive metals manufacturing		10,000	
	Program increase - self-sealing fuel tanks technology		6,000	
	Program increase - silicon carbide electronics		6,000	
	Program increase - highly electrified vehicles		5,000	
	BF9 insufficient justification		-3,000	
	BH5 insufficient justification		-2,000	
17	**NETWORK C3I TECHNOLOGY**	**114,404**	**149,404**	**35,000**
	Program increase - artificial intelligence and machine learning electronic warfare sensor technology		10,000	
	Program increase - integrating energy and computing networks		10,000	
	Program increase - energy efficient devices		5,000	
	Program increase - CHARM		5,000	
	Program increase - APNT for autonomous vehicles		5,000	
18	**LONG RANGE PRECISION FIRES TECHNOLOGY**	**60,553**	**80,553**	**20,000**
	Program increase - extended range hybrid and precision gun launched projectiles		15,000	
	Program increase - composite cannon tubes		5,000	
19	**FUTURE VERTICAL LIFT TECHNOLOGY**	**96,484**	**116,484**	**20,000**
	Program increase - individual blade and higher harmonic control		10,000	
	Program increase - high strength functional composites		5,000	
	Program increase - additive manufacturing of multi-functional composite aerospace components		5,000	
20	**AIR AND MISSILE DEFENSE TECHNOLOGY**	**56,298**	**75,298**	**19,000**
	Program increase - beam control systems and industry grade optical fiber fabrication for energy laser		12,000	
	Program increase - high energy laser enabling and support technology		7,000	

R-1		Budget Request	Committee Recommended	Change from Request
42	**MEDICAL TECHNOLOGY**	**95,496**	**100,496**	**5,000**
	Program increase - military force vector borne health protection		5,000	
44	**MEDICAL ADVANCED TECHNOLOGY**	**38,896**	**84,896**	**46,000**
	Program increase - peer-reviewed neurofibromatosis research		20,000	
	Program increase - peer-reviewed neurotoxin exposure treatment Parkinson's research		16,000	
	Program increase - peer-reviewed military burn research		10,000	
54	**SOLDIER LETHALITY ADVANCED TECHNOLOGY**	**109,608**	**137,608**	**28,000**
	Program increase		10,000	
	Program increase - advanced AI/AA analytics for modernization and readiness		10,000	
	Program increase - small arms fire control advanced technology		8,000	
55	**GROUND ADVANCED TECHNOLOGY**	**14,795**	**111,295**	**96,500**
	Program increase - flow battery demonstration		20,000	
	Program increase - corrosion protection and prevention		10,000	
	Program increase - rapid entry and sustainment for the arctic		8,000	
	Program increase - composite flywheel technology		7,000	
	Program increase - high-performance concrete technology		6,000	
	Program increase - secure management of energy generation and storage		5,000	
	Program increase - water quality and resiliency		5,000	
	Program increase - electrical system safety and reliability		5,000	
	Program increase - rare earth element extraction		5,000	
	Program increase - organic light emitting diode		5,000	
	Program increase - coatings technology		5,000	
	Program increase - heavy load simulator		4,200	
	Program increase - integrated microgrids		4,000	
	Program increase - infrastructure resilience and flood assessment		3,000	
	Program increase - single connection quick oil change system		3,000	
	Program increase - cross-laminated timber and recycled carbon fiber materials		1,300	
63	**C3I CYBER ADVANCED DEVELOPMENT**	**23,357**	**43,357**	**20,000**
	Program increase - high bandwidth cryptomodule enhancements and certification		10,000	
	Program increase - low SWAP software-defined MFEW		10,000	

R-1		Budget Request	Committee Recommended	Change from Request
65	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY	199,358	272,358	73,000
	Program increase - additive manufacturing for jointless hull		10,000	
	Program increase - hydrogen fuel cells		10,000	
	Program increase - carbon fiber and graphitic foam technology		10,000	
	Program increase - combat vehicle weight reduction		10,000	
	Program increase - ATE5.2 engine development		10,000	
	Program increase - combat vehicle blast testing		6,000	
	Program increase - additive manufacturing of critical components		5,000	
	Program increase - advanced adhesives		5,000	
	Program increase - combat vehicle lithium 6T battery development		5,000	
	Program increase - vehicle technology readiness levels		2,000	
66	NETWORK C3I ADVANCED TECHNOLOGY	158,608	172,608	14,000
	Program increase - mesh network-enabled small satellites		10,000	
	Program increase - geospatial artificial intelligence analytic tools		4,000	
67	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	121,060	141,060	20,000
	Program increase - hypervelocity projectile extended range		20,000	
68	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	156,194	193,444	37,250
	Program increase - advanced helicopter seating system		15,000	
	Program increase - joint tactical aerial resupply vehicle		8,000	
	Program increase - surface tolerant adhesives		5,000	
	Program increase - UH-60 main rotor blade modernization		5,000	
	Program increase - soldier information interface for aviation fleet management tool		2,250	
	Program increase - helicopter emergency oil systems		2,000	
69	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	58,130	85,630	27,500
	Program increase		20,000	
	Program increase - thermal management system for high energy laser		7,500	
77	HUMANITARIAN DEMINING	8,515	17,000	8,485
	Program increase		8,485	
78	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	11,062	34,062	23,000
	Program increase		15,000	
	Program increase - gun launched interceptors		8,000	
80	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	26,482	25,082	-1,400
	Program increase - machine learning for integrated fires		5,000	
	Excess support costs		-6,400	
81	LANDMINE WARFARE AND BARRIER - ADV DEV	64,092	61,858	-2,234
	Program increase - M58 mine clearing line charge		2,000	
	Excess carryover		-4,234	

R-1		Budget Request	Committee Recommended	Change from Request
86	**TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD**	**194,775**	**170,025**	**-24,750**
	MDSS sensor development early to need		-24,750	
88	**ENVIRONMENTAL QUALITY TECHNOLOGY**	**13,387**	**18,387**	**5,000**
	Program increase - high pressure waterjet technology		5,000	
90	**AVIATION - ADV DEV**	**647,937**	**672,937**	**25,000**
	Program increase - FLRAA		20,000	
	Program increase - model-based systems engineering		5,000	
94	**ROBOTICS DEVELOPMENT**	**121,207**	**114,792**	**-6,415**
	Excess testing and evaluation growth		-6,415	
100	**FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM**	**40,083**	**57,083**	**17,000**
	Program increase - next generation secure waveform		15,000	
	Program increase - unmanned aerial vehicle fuel systems enhancements		2,000	
103	**MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD)**	**4,995**	**0**	**-4,995**
	Testing accounted for in procurement		-4,995	
105	**ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING**	**170,490**	**165,490**	**-5,000**
	Program increase - maneuverable lightweight electric weight reducer		5,000	
	Insufficient justification		-10,000	
106	**ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)**	**128,125**	**138,125**	**10,000**
	Program increase - inertial navigation systems		10,000	
109	**HYPERSONICS**	**801,417**	**811,417**	**10,000**
	Program increase		10,000	
111	**FUTURE INTERCEPTOR**	**7,992**	**0**	**-7,992**
	Undefined requirement		-7,992	
118	**AIRCRAFT AVIONICS**	**2,764**	**7,264**	**4,500**
	Program increase - high frequency aircraft avionics		4,500	
119	**ELECTRONIC WARFARE DEVELOPMENT**	**62,426**	**59,026**	**-3,400**
	MFEW developmental test flight ahead of need		-3,400	
121	**INFANTRY SUPPORT WEAPONS**	**91,574**	**74,934**	**-16,640**
	Program increase - turret gunner survivability and simulation environment		4,000	
	Program increase - cannon life extension program		1,500	
	FM4 NGSW ahead of need		-20,641	
	S64 CROWS insufficient justification		-1,499	

R-1		Budget Request	Committee Recommended	Change from Request
128	**NIGHT VISION SYSTEMS - SDD**	**61,445**	**50,611**	**-10,834**
	BQ6 excess test funding		-2,800	
	L70 excess to need		-8,034	
138	**WEAPONS AND MUNITIONS - SDD**	**265,811**	**298,811**	**33,000**
	Program increase - low cost extended range artillery		21,000	
	Program increase - 30mm guided proximity air burst ammunition		12,000	
139	**LOGISTICS AND ENGINEER EQUIPMENT - SDD**	**49,694**	**56,344**	**6,650**
	Program increase - mobile camouflage net systems		8,000	
	194 excess support costs		-1,350	
143	**ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE**	**162,513**	**143,233**	**-19,280**
	EJ5 excess software growth		-3,091	
	EJ6 TROPO IOT&E ahead of need		-7,860	
	ER9 excess design and development request		-8,329	
146	**FIREFINDER**	**20,008**	**16,808**	**-3,200**
	Excess carryover		-3,200	
148	**SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS - EMD**	**82,459**	**93,380**	**10,921**
	Program increase - BFV active protection system		16,000	
	Excess carryover		-5,079	
149	**ARTILLERY SYSTEMS**	**11,611**	**36,611**	**25,000**
	Program increase - soft recoil artillery systems		25,000	
150	**INFORMATION TECHNOLOGY DEVELOPMENT**	**142,678**	**124,612**	**-18,066**
	FL9 unjustified request		-5,987	
	FM7 HRC core IT schedule discrepancy		-8,915	
	FM8 ATIS release 2 ahead of need		-3,164	
152	**ARMORED MULTI-PURPOSE VEHICLE**	**96,594**	**59,666**	**-36,928**
	Army identified excess		-20,000	
	Excess carryover		-16,928	
163	**TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)**	**28,178**	**22,157**	**-6,021**
	Testing unjustified request		-6,021	
167	**INDIRECT FIRE PROTECTION CAPABILITY INC 2-BLOCK 1**	**235,770**	**118,470**	**-117,300**
	Army identified excess		-47,700	
	OTA ahead of need		-69,600	
169	**EMERGING TECHNOLOGY INITIATIVES**	**294,739**	**304,739**	**10,000**
	Program increase - counter UAS directed energy prototype		10,000	

R-1		Budget Request	Committee Recommended	Change from Request
175	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	193,929	198,929	5,000
	Program increase - counter emerging threats		5,000	
176	MANNED GROUND VEHICLE	327,732	229,500	-98,232
	Army identified excess		-83,232	
	Overestimation of need		-15,000	
183	ELECTRONIC WARFARE DEVELOPMENT	55,855	20,250	-35,605
	TLS Phase 2 ahead of need		-35,605	
187	MAJOR T&E INVESTMENT	106,270	123,110	16,840
	Program increase - major operational test instrumentation		11,840	
	Program increase - radio frequency threat systems emulator for rotary wing aircraft		5,000	
190	CONCEPTS EXPERIMENTATION PROGRAM	54,898	51,079	-3,819
	CDID excess growth		-3,819	
192	ARMY TEST RANGES AND FACILITIES	350,359	365,359	15,000
	Program increase - integrated directed energy testing		15,000	
193	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	48,475	53,475	5,000
	Program increase - cyber space threats		5,000	
200	ARMY EVALUATION CENTER	63,141	56,827	-6,314
	Insufficient justification		-6,314	
202	PROGRAMWIDE ACTIVITIES	87,472	80,418	-7,054
	M47 GVSC excess to need		-3,704	
	M23 ERDC excess request		-3,350	
204	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	40,133	47,113	6,980
	Program increase - industrial base resiliency initiative		8,000	
	Program increase - polymer case ammunition		5,000	
	Excess carryover		-6,020	
219	LONG RANGE PRECISION FIRES (LRPF)	122,733	104,625	-18,108
	Army identified excess		-14,798	
	Excess engineering support		-3,310	
222	CHINOOK HELICOPTER PRODUCT IMPROVEMENT PROGRAM	46,091	51,091	5,000
	Program increase - carbon composite materials for helicopter wheels and brakes		5,000	
224	IMPROVED TURBINE ENGINE PROGRAM	249,257	224,257	-25,000
	Excess to requirement		-25,000	

R-1		Budget Request	Committee Recommended	Change from Request
226	**UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS**	**7,743**	**19,743**	**12,000**
	Program increase - scalable control interface		7,000	
	Program increase - micro identification friend or foe transmitters		5,000	
233	**COMBAT VEHICLE IMPROVEMENT PROGRAMS**	**268,919**	**249,502**	**-19,417**
	HERCULES excess to requirement		-10,750	
	CROWS-J program delay		-5,667	
	Bradley excess carryover		-3,000	
234	**155MM SELF-PROPELLED HOWITZER IMPROVEMENTS**	**427,254**	**420,963**	**-6,291**
	Prior year carryover		-6,291	
239	**OTHER MISSILE PRODUCT IMPROVEMENT PROGRAM**	**79,424**	**76,174**	**-3,250**
	ATACMS excess support and test costs		-3,250	
244	**LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM**	**166**	**0**	**-166**
	Prior year carryover		-166	
264	**END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES**	**61,012**	**106,012**	**45,000**
	Program increase - functional fabrics and smart textiles		10,000	
	Program increase - nanoscale materials manufacturing		10,000	
	Program increase - compact efficient rotary engine		10,000	
	Program increase - lightweight high efficiency generators		10,000	
	Program increase - glass separators for lithium batteries		5,000	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		**-35,669**	**-35,669**

SHOULDER LAUNCHED MUNITIONS

The Committee is concerned about the increased weight carried by soldiers while utilizing shoulder launched munitions. The Secretary of the Army is encouraged to consider employing mature shoulder fired weapons technology which can address threats in a defilade position. Additionally, the Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act detailing the Army's shoulder launched munitions procurement strategy.

ADVANCED MANUFACTURING CENTER OF EXCELLENCE

The Committee commends the Army for establishing a Center of Excellence for Advanced Manufacturing. The National Defense Authorization Act for Fiscal Year 2019 required the Under Secretary of Defense (Acquisition and Sustainment) and the Under Secretary of Defense (Research and Engineering) to work with each of the Service Secretaries to establish activities that demonstrate advanced manufacturing techniques and capabilities at depot-level activities or military arsenal facilities. The Committee continues to be supportive of this effort and directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act providing further detail on the activities that have been identified by each Service.

DENGUE VACCINE DEVELOPMENT

Exposure to the dengue virus continues to be one of the largest infectious disease threats facing the military. The impact of dengue infection on troop health in multiple military operations, combined with the continually expanding global endemic range makes the lack of an effective tetravalent dengue vaccine an urgent issue. The Committee encourages the Commanding General, United States Army Medical Research and Development Command, to prioritize the research and development of such a vaccine in order to reduce the threat of dengue infection.

ARMY ARTIFICIAL INTELLIGENCE INNOVATION INSTITUTE

The Committee supports the Army Research Laboratory's (ARL) Army Artificial Intelligence Innovation Institute (A2I2) and its support of ARL's various essential research programs. The A2I2 initiative seeks to accelerate innovation in areas such as artificial intelligence and machine and deep learning technologies that will be critical to the success of future Army missions. The Committee recommendation includes an additional $20,000,000 to support these efforts and expects the additional funds to remain under the purview of ARL.

FUTURE LONG-RANGE ASSAULT AIRCRAFT

The Committee continues to support the Future Long-Range Assault Aircraft (FLRAA) program and notes it remains a top Army modernization priority. The 2020 Army Aviation Strategic Plan and Modernization Roadmap notes that, as a result of the funding provided in the Department of Defense Appropriations Act, 2020, the

Army has been able to accelerate the FLRAA program by four years. To continue supporting this acceleration effort, the Committee recommendation includes an additional $20,000,000 for robust risk-mitigation efforts. The Committee expects these additional resources to be used to advance the program and shorten the time required to achieve Milestone B of the acquisition process.

FUTURE VERTICAL LIFT SENSOR PAYLOADS

The Committee is concerned that the Army has not clearly defined the acquisition strategy for Future Vertical Lift (FVL) mission equipment payloads and sensors. Due to the accelerated FVL schedule and the desire for high technology readiness level sensor payloads, the Army risks fielding advanced aircraft platforms equipped with outdated payloads that will not meet desired operational capabilities. Therefore, the Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act, on FVL mission equipment payloads and sensors. The report shall include the acquisition strategy for FVL mission equipment payloads and sensors, including radar, electronic warfare, 360 distributed aperture system, missile warning system, and advanced electro-optical infrared system; planned risk reduction activities for the sensor payloads; and an estimate of the cost and schedule for the development and production of the required sensor payloads.

ARMY COMMAND POST

The Committee supports the development of advanced materials and technologies in support of the next generation command post and the expeditionary maneuver support mission for a more mobile and protected forward deployed unit.

ARMORED DOOR ASSIST SYSTEMS

Due to increased armor protection, human operation of ground vehicle doors has become increasingly challenging using operator strength alone. Even lightly armored doors require a significant amount of force to open, close, and hold into position. This challenge puts operators at risk, especially during emergency exit and entry scenarios on the battlefield. The Committee encourages the Secretary of the Army to research alternatives including passive and active door assist devices which can support the Army in meeting safety and performance specifications of any armored vehicle door application.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Fiscal year 2020 appropriation	$20,155,115,000
Fiscal year 2021 budget request	21,427,048,000
Committee recommendation	20,165,874,000
Change from budget request	−1,261,174,000

The Committee recommends an appropriation of $20,165,874,000 for Research, Development, Test and Evaluation, Navy which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY			
	BASIC RESEARCH			
1	UNIVERSITY RESEARCH INITIATIVES	116,816	136,816	+20,000
2	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,113	19,113	---
3	DEFENSE RESEARCH SCIENCES	467,158	482,984	+15,826
	TOTAL, BASIC RESEARCH	603,087	638,913	+35,826
	APPLIED RESEARCH			
4	POWER PROJECTION APPLIED RESEARCH	17,792	22,792	+5,000
5	FORCE PROTECTION APPLIED RESEARCH	122,281	161,781	+39,500
6	MARINE CORPS LANDING FORCE TECHNOLOGY	50,623	55,623	+5,000
7	COMMON PICTURE APPLIED RESEARCH	48,001	44,724	-3,277
8	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	67,765	84,255	+16,490
9	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	84,994	87,994	+3,000
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	63,392	78,392	+15,000
11	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,343	6,343	---
12	UNDERSEA WARFARE APPLIED RESEARCH	56,397	71,397	+15,000
13	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	167,590	170,724	+3,134
14	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	30,715	33,215	+2,500
15	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	160,537	147,813	-12,724
16	SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS	76,745	76,745	---
	TOTAL, APPLIED RESEARCH	953,175	1,041,798	+88,623
	ADVANCED TECHNOLOGY DEVELOPMENT			
17	FORCE PROTECTION ADVANCED TECHNOLOGY	24,410	24,410	---
18	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,008	8,008	---
19	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	219,045	207,692	-11,353
20	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,301	13,301	---
21	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	246,054	228,159	-17,895
22	MANUFACTURING TECHNOLOGY PROGRAM	60,122	60,122	---
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,851	29,151	+24,300
24	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	40,709	40,709	---
25	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	1,948	1,948	---
26	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY	141,948	157,786	+15,838
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	760,396	771,286	+10,890

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	DEMONSTRATION & VALIDATION			
27	MEDIUM AND LARGE UNMANNED SURFACE VEHICLES (USVS)	464,042	259,242	-204,800
28	AIR/OCEAN TACTICAL APPLICATIONS	35,386	35,386	---
29	AVIATION SURVIVABILITY	13,428	13,428	---
30	NAVAL CONSTRUCTION FORCES	2,350	2,350	---
31	AIRCRAFT SYSTEMS	418	418	---
32	ASW SYSTEMS DEVELOPMENT	15,719	18,719	+3,000
33	TACTICAL AIRBORNE RECONNAISSANCE	3,411	3,411	---
34	ADVANCED COMBAT SYSTEMS TECHNOLOGY	70,218	66,661	-3,557
35	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	52,358	47,808	-4,550
36	SURFACE SHIP TORPEDO DEFENSE	12,816	11,816	-1,000
37	CARRIER SYSTEMS DEVELOPMENT	7,559	7,559	---
38	PILOT FISH	358,757	277,702	-81,055
39	RETRACT LARCH	12,562	12,562	---
40	RETRACT JUNIPER	148,000	148,000	---
41	RADIOLOGICAL CONTROL	778	778	---
42	SURFACE ASW	1,161	1,161	---
43	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	185,356	156,746	-28,610
44	SUBMARINE TACTICAL WARFARE SYSTEMS	10,528	10,528	---
45	SHIP CONCEPT ADVANCED DESIGN	126,396	113,260	-13,136
46	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	70,270	65,270	-5,000
47	ADVANCED NUCLEAR POWER SYSTEMS	149,188	149,188	---
48	ADVANCED SURFACE MACHINERY SYSTEMS	38,449	50,699	+12,250
49	CHALK EAGLE	71,181	71,181	---
50	LITTORAL COMBAT SHIP (LCS)	32,178	42,178	+10,000
51	COMBAT SYSTEM INTEGRATION	17,843	17,843	---
52	SSBN NEW DESIGN	317,196	306,682	-10,514
53	LITTORAL COMBAT SHIP (LCS) MISSION MODULES	67,875	67,875	---
54	AUTOMATED TEST AND RE-TEST	4,797	34,797	+30,000
55	FRIGATE DEVELOPMENT	82,309	82,309	---
56	CONVENTIONAL MUNITIONS	9,922	9,922	---
57	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	189,603	132,664	-56,939
58	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	43,084	43,084	---
59	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	6,346	6,346	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
60	ENVIRONMENTAL PROTECTION	20,601	20,601	---
61	NAVY ENERGY PROGRAM	23,422	38,422	+15,000
62	FACILITIES IMPROVEMENT	4,664	4,664	---
63	CHALK CORAL	545,763	426,577	-119,186
64	NAVY LOGISTIC PRODUCTIVITY	3,884	3,884	---
65	RETRACT MAPLE	353,226	297,685	-55,541
66	LINK PLUMERIA	544,388	470,448	-73,940
67	RETRACT ELM	86,730	86,730	---
68	LINK EVERGREEN	236,234	201,984	-34,250
70	NATO RESEARCH AND DEVELOPMENT	6,880	4,849	-2,031
71	LAND ATTACK TECHNOLOGY	10,578	10,578	---
72	JOINT NONLETHAL WEAPONS TESTING	28,435	28,435	---
73	JOINT PRECISION APPROACH AND LANDING SYSTEMS	33,612	33,612	---
74	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	128,845	126,895	-1,950
75	F/A-18 INFRARED SEARCH AND TRACK (IRST)	84,190	84,190	---
76	DIGITAL WARFARE	54,699	35,975	-18,724
77	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	53,942	52,020	-1,922
78	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	40,060	40,060	---
79	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION	12,100	12,100	---
80	LARGE UNMANNED UNDERSEA VEHICLES	78,122	45,557	-32,565
81	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER	107,895	104,895	-3,000
82	AIRBORNE MINE COUNTERMEASURES	17,366	17,966	+600
83	SURFACE MINE COUNTERMEASURES	18,754	18,754	---
84	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES	59,776	52,026	-7,750
85	EXPEDITIONARY LOGISTICS	---	5,000	+5,000
86	FUTURE VERTICAL LIFT (MARITIME STRIKE)	5,097	5,097	---
87	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	3,664	1,064	-2,600
88	LX (R)	10,203	10,203	---
89	ADVANCED UNDERSEA PROTOTYPING	115,858	80,232	-35,626
90	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	14,259	9,628	-4,631
91	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	1,102,387	1,052,792	-49,595
92	SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE	7,657	6,208	-1,449
93	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	35,750	46,750	+11,000
94	ASW SYSTEMS DEVELOPMENT - MIP	9,151	9,151	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
95	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	22,589	34,013	+11,424
97	ELECTRONIC WARFARE DEVELOPMENT - MIP	809	809	---
	TOTAL, DEMONSTRATION & VALIDATION	6,503,074	5,744,427	-758,647
	ENGINEERING & MANUFACTURING DEVELOPMENT			
98	TRAINING SYSTEM AIRCRAFT	4,332	4,332	---
99	OTHER HELO DEVELOPMENT	18,133	14,063	-4,070
100	AV-8B AIRCRAFT - ENG DEV	20,054	16,749	-3,305
101	STANDARDS DEVELOPMENT	4,237	4,237	---
102	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	27,340	32,340	+5,000
104	P-3 MODERNIZATION PROGRAM	606	606	---
105	WARFARE SUPPORT SYSTEM	9,065	14,982	+5,917
106	TACTICAL COMMAND SYSTEM	97,968	89,186	-8,782
107	ADVANCED HAWKEYE	309,373	292,175	-17,198
108	H-1 UPGRADES	62,310	53,960	-8,350
109	ACOUSTIC SEARCH SENSORS	47,182	47,182	---
110	V-22A	132,624	132,624	---
111	AIR CREW SYSTEMS DEVELOPMENT	21,445	21,445	---
112	EA-18	106,134	106,134	---
113	ELECTRONIC WARFARE DEVELOPMENT	134,194	128,684	-5,510
114	EXECUTIVE HELO DEVELOPMENT	99,321	93,255	-6,066
115	NEXT GENERATION JAMMER (NGJ)	477,680	447,152	-30,528
116	JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)	232,818	234,180	+1,362
117	NEXT GENERATION JAMMER (NGJ) INCREMENT II	170,039	154,496	-15,543
118	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	403,712	365,019	-38,693
119	LPD-17 CLASS SYSTEMS INTEGRATION	945	945	---
120	SMALL DIAMETER BOMB (SDB)	62,488	44,630	-17,858
121	STANDARD MISSILE IMPROVEMENTS	386,225	343,200	-43,025
122	AIRBORNE MCM	10,909	10,909	---
123	NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG.	44,548	42,160	-2,388
124	ADVANCED SENSORS APPLICATION PROGRAM (ASAP)	13,673	1,000	-12,673
125	ADVANCED ABOVE WATER SENSORS	87,809	71,449	-16,360
126	SSN-688 AND TRIDENT MODERNIZATION	93,097	90,897	-2,200
127	AIR CONTROL	38,863	38,863	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
128	SHIPBOARD AVIATION SYSTEMS	9,593	11,593	+2,000
129	COMBAT INFORMATION CENTER CONVERSION	12,718	11,718	-1,000
130	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	78,319	62,005	-16,314
131	ADVANCED ARRESTING GEAR (AAG)	65,834	65,834	---
132	NEW DESIGN SSN	259,443	259,443	---
133	SUBMARINE TACTICAL WARFARE SYSTEM	63,878	63,878	---
134	SHIP CONTRACT DESIGN/LIVE FIRE T&E	51,853	56,263	+4,410
135	NAVY TACTICAL COMPUTER RESOURCES	3,853	3,853	---
136	MINE DEVELOPMENT	92,607	83,505	-9,102
137	LIGHTWEIGHT TORPEDO DEVELOPMENT	146,012	124,250	-21,762
138	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,383	8,383	---
139	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV	33,784	23,744	-10,040
140	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	8,599	7,269	-1,330
141	JOINT STANDOFF WEAPON SYSTEMS	73,744	62,744	-11,000
142	SHIP SELF DEFENSE (DETECT & CONTROL)	157,490	153,095	-4,395
143	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	121,761	94,961	-26,800
144	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	89,373	81,902	-7,471
145	INTELLIGENCE ENGINEERING	15,716	11,422	-4,294
146	MEDICAL DEVELOPMENT	2,120	39,620	+37,500
147	NAVIGATION/ID SYSTEM	50,180	50,180	---
148	JOINT STRIKE FIGHTER (JSF) - EMD	561	561	---
149	JOINT STRIKE FIGHTER (JSF)	250	250	---
150	SSN(X)	1,000	1,000	---
151	MARINE CORPS IT DEV/MOD	974	974	---
152	INFORMATION TECHNOLOGY DEVELOPMENT	356,173	340,431	-15,742
153	ANTI-TAMPER TECHNOLOGY SUPPORT	7,810	6,978	-832
154	CH-53K	406,406	406,406	---
155	MISSION PLANNING	86,134	82,980	-3,154
156	COMMON AVIONICS	54,540	54,540	---
157	SHIP TO SHORE CONNECTOR (SSC)	5,155	12,655	+7,500
158	T-AO 205 CLASS	5,148	5,148	---
159	UNMANNED CARRIER AVIATION	266,970	256,970	-10,000
160	JOINT AIR-TO-GROUND MISSILE (JAGM)	12,713	12,713	---
161	MULTI-MISSION MARITIME AIRCRAFT (MMA)	24,424	29,424	+5,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
162	MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3	182,870	182,870	---
163	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT AND DEMO	41,775	31,235	-10,540
164	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT AND DEMO	2,541	2,541	---
165	DDG-1000	208,448	199,073	-9,375
169	TACTICAL CRYPTOLOGIC SYSTEMS	111,434	108,645	-2,789
170	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	26,173	25,098	-1,075
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	6,263,883	5,933,008	-330,875
	RDT&E MANAGEMENT SUPPORT			
171	THREAT SIMULATOR DEVELOPMENT	22,075	22,075	---
172	TARGET SYSTEMS DEVELOPMENT	10,224	10,224	---
173	MAJOR T&E INVESTMENT	85,195	105,195	+20,000
175	STUDIES AND ANALYSIS SUPPORT - NAVY	3,089	3,089	---
176	CENTER FOR NAVAL ANALYSES	43,517	43,517	---
179	TECHNICAL INFORMATION SERVICES	932	932	---
180	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	94,297	104,297	+10,000
181	STRATEGIC TECHNICAL SUPPORT	3,813	3,813	---
183	RDT&E SHIP AND AIRCRAFT SUPPORT	104,822	104,822	---
184	TEST AND EVALUATION SUPPORT	446,960	419,212	-27,748
185	OPERATIONAL TEST AND EVALUATION CAPABILITY	27,241	25,207	-2,034
186	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	15,787	15,787	---
187	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	8,559	8,559	---
188	MARINE CORPS PROGRAM WIDE SUPPORT	42,749	42,749	---
189	MANAGEMENT HEADQUARTERS - R&D	41,094	41,094	---
190	WARFARE INNOVATION MANAGEMENT	37,022	33,171	-3,851
193	INSIDER THREAT	2,310	2,310	---
194	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES)	1,536	1,536	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	991,222	987,589	-3,633
	OPERATIONAL SYSTEMS DEVELOPMENT			
199	HARPOON MODIFICATIONS	697	697	---
200	F-35 C2D2	379,549	388,249	+8,700
201	F-35 C2D2	413,875	413,875	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
202	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	143,667	130,617	-13,050
204	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	173,056	129,260	-43,796
205	SSBN SECURITY TECHNOLOGY PROGRAM	45,970	45,970	---
206	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	69,190	52,049	-17,141
207	NAVY STRATEGIC COMMUNICATIONS	42,277	39,777	-2,500
208	F/A-18 SQUADRONS	171,030	183,084	+12,054
210	SURFACE SUPPORT	33,482	33,482	---
211	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	200,308	200,308	---
212	INTEGRATED SURVEILLANCE SYSTEM	102,975	97,442	-5,533
213	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	10,873	10,873	---
214	AMPHIBIOUS TACTICAL SUPPORT UNITS	1,713	1,713	---
215	GROUND/AIR TASK ORIENTED RADAR	22,205	22,205	---
216	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	83,956	75,756	-8,200
218	ELECTRONIC WARFARE (EW) READINESS SUPPORT	56,791	49,972	-6,819
219	HARM IMPROVEMENT	146,166	161,166	+15,000
221	SURFACE ASW COMBAT SYSTEM INTEGRATION	29,348	29,348	---
222	MK-48 ADCAP	110,349	108,209	-2,140
223	AVIATION IMPROVEMENTS	133,953	127,980	-5,973
224	OPERATIONAL NUCLEAR POWER SYSTEMS	110,313	110,313	---
225	MARINE CORPS COMMUNICATIONS SYSTEMS	207,662	189,112	-18,550
226	COMMON AVIATION COMMAND AND CONTROL SYSTEM	4,406	4,406	---
227	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	61,381	54,871	-6,510
228	MARINE CORPS COMBAT SERVICES SUPPORT	10,421	10,421	---
229	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	29,977	29,977	---
230	AMPHIBIOUS ASSAULT VEHICLE	6,469	6,469	---
231	TACTICAL AIM MISSILES	5,859	5,859	---
232	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	44,323	40,869	-3,454
236	SATELLITE COMMUNICATIONS (SPACE)	41,978	46,478	+4,500
237	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES	29,684	29,684	---
238	INFORMATION SYSTEMS SECURITY PROGRAM	39,094	39,094	---
239	JOINT MILITARY INTELLIGENCE PROGRAMS	6,154	6,154	---
240	TACTICAL UNMANNED AERIAL VEHICLES	7,108	7,108	---
241	UAS INTEGRATION AND INTEROPERABILITY	62,098	62,098	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
242	DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS	21,500	21,500	---
244	MQ-4C TRITON	11,120	11,120	---
245	MQ-8 UAV	28,968	28,968	---
246	RQ-11 UAV	537	537	---
247	SMALL (LEVEL 0) TACTICAL UAS (STUASL0)	8,773	8,773	---
248	RQ-21A	10,853	10,853	---
249	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	60,413	60,413	---
250	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	5,000	5,000	---
251	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	34,967	34,967	---
252	RQ-4 MODERNIZATION	178,799	178,799	---
253	INTELLIGENCE MISSION DATA (IMD)	2,120	---	-2,120
254	MODELING AND SIMULATION SUPPORT	8,683	8,683	---
255	DEPOT MAINTENANCE (NON-IF)	45,168	50,168	+5,000
256	MARITIME TECHNOLOGY (MARITECH)	6,697	6,697	---
257	SATELLITE COMMUNICATIONS (SPACE)	70,056	67,665	-2,391
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	3,532,011	3,439,088	-92,923
9999	CLASSIFIED PROGRAMS	1,795,032	1,798,032	+3,000
258	RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM	14,300	14,300	---
259	MARITIME TACTICAL COMMAND AND CONTROL (MTC2) - SOFTWARE PILOT PROGRAM	10,868	10,868	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-216,435	-216,435
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY	21,427,048	20,165,874	-1,261,174

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
1 UNIVERSITY RESEARCH INITIATIVES	**116,816**	**136,816**	**20,000**
Program increase - university research initiatives		10,000	
Program increase - defense university research instrumentation program		10,000	
3 DEFENSE RESEARCH SCIENCES	**467,158**	**482,984**	**15,826**
Mathematics, computer, and information sciences unjustified growth		-4,174	
Program increase - defense research sciences		15,000	
Program increase - silicon-germanium-tin alloy research		5,000	
4 POWER PROJECTION APPLIED RESEARCH	**17,792**	**22,792**	**5,000**
Program increase - miniaturization of lasers		5,000	
5 FORCE PROTECTION APPLIED RESEARCH	**122,281**	**161,781**	**39,500**
Program increase - direct air capture and blue carbon removal technology		7,500	
Program increase - navy power and energy systems technology		6,000	
Program increase - power generation and storage research		5,000	
Program increase - data-model fusion		3,000	
Program increase - UAVs in austere environments		7,000	
Program increase - coastal environmental research		5,000	
Program increase - advanced energetics research		4,000	
Program increase - machine discovery and learning		2,000	
6 MARINE CORPS LANDING FORCE TECHNOLOGY	**50,623**	**55,623**	**5,000**
Program increase - unmanned logistics solutions		5,000	
7 COMMON PICTURE APPLIED RESEARCH	**48,001**	**44,724**	**-3,277**
Applied information sciences for decision making excess growth		-3,277	
8 WARFIGHTER SUSTAINMENT APPLIED RESEARCH	**67,765**	**84,255**	**16,490**
Surveillance technology excess growth		-1,010	
Program increase - health and safety research of underground fuel storage facilities		5,000	
Program increase - humanoid robotics in unstructured environments		5,000	
Program increase - human performance and injury rehabilitation assessment tool		2,500	
Program increase - force health protection and application		5,000	
9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	**84,994**	**87,994**	**3,000**
Program increase - navigation technology		3,000	

R-1	Budget Request	Committee Recommended	Change from Request
OCEAN WARFIGHTING ENVIRONMENT APPLIED			
10 RESEARCH	63,392	78,392	15,000
Program increase - task force ocean		10,000	
Program increase - naval special warfare		5,000	
12 UNDERSEA WARFARE APPLIED RESEARCH	56,397	71,397	15,000
Program increase - undersea sensing and communications		5,000	
Program increase - cross domain autonomy for persistent maritime operations		10,000	
13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	167,590	170,724	3,134
Sea warfare and weapons excess growth		-2,461	
Warfighter performance excess growth		-2,405	
Program increase - cooperative engagement capability mission based networking for data distribution systems		3,000	
Program increase - improved detection of submarine threats		5,000	
MINE AND EXPEDITIONARY WARFARE APPLIED			
14 RESEARCH	30,715	33,215	2,500
Program increase - robotics for mine neutralization		2,500	
INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED			
15 RESEARCH	160,537	147,813	-12,724
CLAWS unjustified growth		-4,988	
Full spectrum undersea warfare unjustified request		-11,736	
Program increase - thermoplastic composites for lightweight naval applications		4,000	
MARINE CORPS ADVANCED TECHNOLOGY			
19 DEMONSTRATION (ATD)	219,045	207,692	-11,353
Command, control, communications, computers excess growth		-9,299	
Combat service support and force protection excess growth		-7,054	
Program increase - expeditionary process, exploitation, and dissemination		5,000	
FUTURE NAVAL CAPABILITIES ADVANCED			
21 TECHNOLOGY DEV	246,054	228,159	-17,895
Expeditionary maneuver warfare excess growth		-11,557	
Long endurance airborne platform decoy concurrency		-4,818	
DECAF unjustified request		-6,520	
Program increase - advanced energetics research		5,000	
23 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,851	29,151	24,300
Program increase - bone marrow registry program		24,300	
INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED			
26 TECHNOLOGY	141,948	157,786	15,838
HIJENKS concurrency		-2,162	
Long range targeting concurrency		-2,000	
Program increase - electromagnetic railgun		20,000	

R-1	Budget Request	Committee Recommended	Change from Request
27 MEDIUM AND LARGE UNMANNED SURFACE VEHICLES	**464,042**	**259,242**	**-204,800**
LUSV additional prototypes		-159,300	
Unmanned surface vehicle enabling capabilities - payload program reduction		-45,500	
32 ASW SYSTEMS DEVELOPMENT	**15,719**	**18,719**	**3,000**
Program increase		3,000	
34 ADVANCED COMBAT SYSTEMS TECHNOLOGY	**70,218**	**66,661**	**-3,557**
LOCUST fixed wing tests funding early to need		-1,338	
Advanced long range targeting funding early to need		-2,219	
35 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	**52,358**	**47,808**	**-4,550**
Barracuda schedule delays		-4,550	
36 SURFACE SHIP TORPEDO DEFENSE	**12,816**	**11,816**	**-1,000**
Torpedo warning systems funding excess to need		-1,000	
38 PILOT FISH	**358,757**	**277,702**	**-81,055**
Excess growth		-81,055	
43 ADVANCED SUBMARINE SYSTEM DEVELOPMENT	**185,356**	**156,746**	**-28,610**
Project 2033 strategic capability R&D infrastructure previously funded		-4,219	
Project 9710 unjustified new start		-33,391	
Program increase - workforce partnership research		5,000	
Program increase - improved CAVES technology		4,000	
45 SHIP CONCEPT ADVANCED DESIGN	**126,396**	**113,260**	**-13,136**
Historical underexecution		-6,636	
Cybersecurity previously funded		-1,500	
Next generation medium amphibious ship excess to need		-10,000	
Next generation medium logistics ship excess to need		-10,000	
Program increase - additive manufacturing		5,000	
Program increase - polymorphic build farm for open source technologies		10,000	
46 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	**70,270**	**65,270**	**-5,000**
Future surface combatant concept development concurrency		-5,000	
48 ADVANCED SURFACE MACHINERY SYSTEMS	**38,449**	**50,699**	**12,250**
Historical underexecution		-2,250	
Power and energy systems contract award delay		-500	
Program increase - silicon carbide power modules		7,500	
Program increase - advanced power electronics integration		2,500	
Program increase - small boat electric propulsion		5,000	
50 LITTORAL COMBAT SHIP (LCS)	**32,178**	**42,178**	**10,000**
Program increase - defensive capability improvements		10,000	

R-1	Budget Request	Committee Recommended	Change from Request
52 SSBN NEW DESIGN	**317,196**	**306,682**	**-10,514**
CMC design and prototype historically overbudgeted		-10,514	
54 AUTOMATED TEST AND RE-TEST	**4,797**	**34,797**	**30,000**
Program increase		30,000	
57 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	**189,603**	**132,664**	**-56,939**
Armored reconnaissance vehicle concurrency		-2,600	
Long range unmanned surface vehicle concurrency		-4,339	
Long range fires unjustified new start		-50,000	
61 NAVY ENERGY PROGRAM	**23,422**	**38,422**	**15,000**
Program increase		15,000	
63 CHALK CORAL	**545,763**	**426,577**	**-119,186**
Excess growth		-119,186	
65 RETRACT MAPLE	**353,226**	**297,685**	**-55,541**
Excess growth		-55,541	
66 LINK PLUMERIA	**544,388**	**470,448**	**-73,940**
Excess growth		-73,940	
68 LINK EVERGREEN	**236,234**	**201,984**	**-34,250**
Excess growth		-34,250	
70 NATO RESEARCH AND DEVELOPMENT	**6,880**	**4,849**	**-2,031**
Historical underexecution		-2,031	
74 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	**128,845**	**126,895**	**-1,950**
HELCAP concurrency		-6,950	
Program increase - high energy laser weapon system for counter-UAS area defense		5,000	
76 DIGITAL WARFARE	**54,699**	**35,975**	**-18,724**
Historical underexecution		-2,023	
Project 3255 excess growth		-9,979	
Project 3425 excess growth		-6,722	
77 SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	**53,942**	**52,020**	**-1,922**
Small unmanned underwater vehicles concurrency		-1,922	
80 LARGE UNMANNED UNDERSEA VEHICLES	**78,122**	**45,557**	**-32,565**
Contract award early to need		-32,565	
81 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER	**107,895**	**104,895**	**-3,000**
Integrated digital shipbuilding excess growth		-7,000	
Program increase - electronic personnel qualification standards system		4,000	

R-1	Budget Request	Committee Recommended	Change from Request
82 AIRBORNE MINE COUNTERMEASURES	**17,366**	**17,966**	**600**
Historical underexecution		-2,400	
Program increase - coastal battlefield reconnaissance and analysis		3,000	
84 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES	**59,776**	**52,026**	**-7,750**
DAIRCM hardware development contract award delay		-7,750	
85 EXPEDITIONARY LOGISTICS	**0**	**5,000**	**5,000**
Program increase - automated parts screening and selection tool for additive manufacturing		2,000	
Program increase - alternative tactical power and battery research		3,000	
87 RAPID TECHNOLOGY CAPABILITY PROTOTYPE	**3,664**	**1,064**	**-2,600**
Historical underexecution		-2,600	
89 ADVANCED UNDERSEA PROTOTYPING	**115,858**	**80,232**	**-35,626**
Test and evaluation delays		-35,626	
90 COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	**14,259**	**9,628**	**-4,631**
System development excess growth		-4,631	
91 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	**1,102,387**	**1,052,792**	**-49,595**
Conventional prompt global strike program management excess growth		-20,000	
Conventional prompt global strike initial integration efforts - transfer to line 165		-15,000	
Miniature air launched decoy historical underexecution		-8,600	
Advanced aerial refueling system lack of acquisition strategy		-5,995	
92 SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE	**7,657**	**6,208**	**-1,449**
Historical underexecution		-1,449	
93 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	**35,750**	**46,750**	**11,000**
LRASM funds - Navy requested transfer from line 141		11,000	
95 ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	**22,589**	**34,013**	**11,424**
Historical underexecution		-2,576	
Program increase - KMAX experimentation and support		7,000	
Program increase - mobile unmanned/manned distributed lethality airborne network joint capability technology demonstration		7,000	
99 OTHER HELO DEVELOPMENT	**18,133**	**14,063**	**-4,070**
Historical underexecution		-2,250	
Attack and utility replacement aircraft hardware development early to need		-1,820	

R-1	Budget Request	Committee Recommended	Change from Request
100 AV-8B AIRCRAFT - ENG DEV	**20,054**	**16,749**	**-3,305**
Historical underexecution		-3,305	
102 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	**27,340**	**32,340**	**5,000**
Program increase - MH-60 obsolescence issues		5,000	
105 WARFARE SUPPORT SYSTEM	**9,065**	**14,982**	**5,917**
Historical underexecution		-1,083	
Program increase - COTS-based counter-UAV technology		5,000	
Program increase - diesel fuel outboard motor testing		2,000	
106 TACTICAL COMMAND SYSTEM	**97,968**	**89,186**	**-8,782**
NOBLE projects delay		-8,782	
107 ADVANCED HAWKEYE	**309,373**	**292,175**	**-17,198**
Sensors excess growth		-17,198	
108 H-1 UPGRADES	**62,310**	**53,960**	**-8,350**
Historical underexecution		-8,350	
113 ELECTRONIC WARFARE DEVELOPMENT	**134,194**	**128,684**	**-5,510**
Historical underexecution		-6,397	
Adaptive radar countermeasures delays		-3,230	
Dual band decoy risk reduction early to need		-6,883	
Program increase - intrepid tiger II		11,000	
114 EXECUTIVE HELO DEVELOPMENT	**99,321**	**93,255**	**-6,066**
VH-92A product improvement development unjustified growth		-3,097	
VH-92A improvements test and evaluation excess growth		-2,969	
115 NEXT GENERATION JAMMER (NGJ)	**477,680**	**447,152**	**-30,528**
Historical underexecution		-29,199	
Trainer early to need		-1,329	
116 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)	**232,818**	**234,180**	**1,362**
ATDLS integration delays		-2,638	
Program increase - multifunctional information distribution system acceleration		4,000	
117 NEXT GENERATION JAMMER (NGJ) INCREMENT II	**170,039**	**154,496**	**-15,543**
Historical underexecution		-11,118	
Primary hardware development contract delay		-4,425	
118 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	**403,712**	**365,019**	**-38,693**
Aegis development support excess growth		-7,159	
Aegis capability build 2023-1 excess to need		-31,534	
120 SMALL DIAMETER BOMB (SDB)	**62,488**	**44,630**	**-17,858**
Historical underexecution		-17,858	

R-1	Budget Request	Committee Recommended	Change from Request
121 STANDARD MISSILE IMPROVEMENTS	386,225	343,200	-43,025
Historical underexecution		-4,550	
SM-6 Block IB schedule delays and concurrency		-38,475	
123 NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG	44,548	42,160	-2,388
Historical underexecution		-2,388	
124 ADVANCED SENSORS APPLICATION PROGRAM	13,673	1,000	-12,673
Unjustified new start		-12,673	
125 ADVANCED ABOVE WATER SENSORS	87,809	71,449	-16,360
Shipboard passive electro-optical infrared development concurrency		-16,360	
126 SSN-688 AND TRIDENT MODERNIZATION	93,097	90,897	-2,200
Historical underexecution		-2,200	
128 SHIPBOARD AVIATION SYSTEMS	9,593	11,593	2,000
Program increase - fleet strike group aviation management		2,000	
129 COMBAT INFORMATION CENTER CONVERSION	12,718	11,718	-1,000
Historical underexecution		-1,000	
130 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	78,319	62,005	-16,314
Hardware production and sustainment early to need		-16,314	
134 SHIP CONTRACT DESIGN/LIVE FIRE T&E	51,853	56,263	4,410
Historical underexecution		-2,590	
Program increase - DDG-51 advanced degaussing mine protection system		7,000	
136 MINE DEVELOPMENT	92,607	83,505	-9,102
Historical underexecution		-1,700	
Encapsulate effector program delays		-7,402	
137 LIGHTWEIGHT TORPEDO DEVELOPMENT	146,012	124,250	-21,762
Advanced anti-submarine lightweight torpedo program delays		-21,762	
139 SYSTEMS - ENG DEV	33,784	23,744	-10,040
Increment II program delays		-10,040	
140 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	8,599	7,269	-1,330
Historical underexecution		-1,330	
141 JOINT STANDOFF WEAPON SYSTEMS	73,744	62,744	-11,000
LRASM funds - Navy requested transfer to line 93		-11,000	
142 SHIP SELF DEFENSE (DETECT & CONTROL)	157,490	153,095	-4,395
Historical underexecution		-4,395	

R-1	Budget Request	Committee Recommended	Change from Request
143 SHIP SELF DEFENSE (ENGAGE: HARD KILL)	**121,761**	**94,961**	**-26,800**
Project 0173 excess new starts		-26,800	
144 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	**89,373**	**81,902**	**-7,471**
Project 3316 decoy development effort government engineering previously funded		-3,349	
SEWIP block 3 government engineering previously funded		-4,122	
145 INTELLIGENCE ENGINEERING	**15,716**	**11,422**	**-4,294**
Non-kinetic countermeasures support contract delays		-4,294	
146 MEDICAL DEVELOPMENT	**2,120**	**39,620**	**37,500**
Program increase - wound care research		10,000	
Program increase - military dental research		10,000	
Program increase - autonomous aerial technology for distributed logistics		7,500	
Program increase - ETEC enteric disease research		10,000	
152 INFORMATION TECHNOLOGY DEVELOPMENT	**356,173**	**340,431**	**-15,742**
Historical underexecution		-12,972	
NMMES-TR contract delays		-6,308	
NMMES-TR excess support growth		-6,462	
Program increase - cyber solutions for aviation systems and facilities		7,000	
Program increase - cyber innovations in classified environments		3,000	
153 ANTI-TAMPER TECHNOLOGY SUPPORT	**7,810**	**6,978**	**-832**
Historical underexecution		-832	
155 MISSION PLANNING	**86,134**	**82,980**	**-3,154**
STORM unjustified growth		-3,154	
157 SHIP TO SHORE CONNECTOR (SSC)	**5,155**	**12,655**	**7,500**
Program increase - naval hovercraft propulsion applications		7,500	
159 UNMANNED CARRIER AVIATION	**266,970**	**256,970**	**-10,000**
Air segment ESA excess to need		-10,000	
161 MULTI-MISSION MARITIME AIRCRAFT (MMA)	**24,424**	**29,424**	**5,000**
Program increase - small business technology insertion		5,000	
163 MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT AND DEMO	**41,775**	**31,235**	**-10,540**
Historical underexecution		-10,540	

R-1	Budget Request	Committee Recommended	Change from Request
165 DDG-1000	**208,448**	**199,073**	**-9,375**
Historical underexecution		-8,259	
Excess to need		-16,116	
Conventional prompt global strike initial integration efforts - transfer from line 91		15,000	
169 TACTICAL CRYPTOLOGIC SYSTEMS	**111,434**	**108,645**	**-2,789**
Historical underexecution		-2,789	
170 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	**26,173**	**25,098**	**-1,075**
Historical underexecution		-1,075	
173 MAJOR T&E INVESTMENT	**85,195**	**105,195**	**20,000**
Program increase - undersea range modernization		10,000	
Program increase - integrated sensor effectiveness test		10,000	
180 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	**94,297**	**104,297**	**10,000**
Program increase - printed circuit board executive agent		10,000	
184 TEST AND EVALUATION SUPPORT	**446,960**	**419,212**	**-27,748**
Navy requested transfer to OM,N line BSM1		-27,748	
185 OPERATIONAL TEST AND EVALUATION CAPABILITY	**27,241**	**25,207**	**-2,034**
OPTEVFOR support funding realignment not properly accounted		-2,034	
190 WARFARE INNOVATION MANAGEMENT	**37,022**	**33,171**	**-3,851**
Historical underexecution		-3,851	
200 F-35 C2D2	**379,549**	**388,249**	**8,700**
Program increase - advanced countermeasure dispenser system for F-35B		8,700	
202 COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	**143,667**	**130,617**	**-13,050**
Historical underexecution		-8,673	
CEC cyber resiliency excess growth		-2,577	
FIRECAP unjustified new start		-1,800	
204 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	**173,056**	**129,260**	**-43,796**
Historical underexecution		-10,932	
D5LE2 concurrency		-38,864	
Program increase - next generation strategic inertial measurement unit		6,000	
206 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	**69,190**	**52,049**	**-17,141**
Submarine torpedo defense system schedule slip		-4,764	
Compact rapid attack weapon concurrency		-12,377	
207 NAVY STRATEGIC COMMUNICATIONS	**42,277**	**39,777**	**-2,500**
Survivable airborne strategic communications excess growth		-2,500	

R-1	Budget Request	Committee Recommended	Change from Request
208 F/A-18 SQUADRONS	**171,030**	**183,084**	**12,054**
Multi-system integration/common tactical picture previously funded		-2,946	
Program increase - noise reduction research		2,000	
Program increase - beacon obsolescence issues		3,000	
Program increase - fifth generation sensor fusion study		10,000	
212 INTEGRATED SURVEILLANCE SYSTEM	**102,975**	**97,442**	**-5,533**
Historical underexecution		-2,615	
Deployable surveillance systems contract award delay		-2,918	
216 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	**83,956**	**75,756**	**-8,200**
Project 1427 unjustified new start		-8,200	
218 ELECTRONIC WARFARE (EW) READINESS SUPPORT	**56,791**	**49,972**	**-6,819**
Historical underexecution		-6,819	
219 HARM IMPROVEMENT	**146,166**	**161,166**	**15,000**
Program increase		15,000	
222 MK-48 ADCAP	**110,349**	**108,209**	**-2,140**
APB 7 development early to need		-2,140	
223 AVIATION IMPROVEMENTS	**133,953**	**127,980**	**-5,973**
Historical underexecution		-5,973	
225 MARINE CORPS COMMUNICATIONS SYSTEMS	**207,662**	**189,112**	**-18,550**
Project 2278 test and evaluation previously funded		-2,979	
Project 2278 increment 3 test and evaluation early to need		-21,871	
Program increase - L-MADIS systems		6,300	
227 ARMS SYSTEMS	**61,381**	**54,871**	**-6,510**
Historical underexecution		-6,510	
232 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	**44,323**	**40,869**	**-3,454**
Test and evaluation previously funded		-1,727	
System improvement program efforts failure to comply with congressional direction		-1,727	
236 SATELLITE COMMUNICATIONS (SPACE)	**41,978**	**46,478**	**4,500**
Program increase - Navy multiband terminal program interference mitigation technology test		4,500	
253 INTELLIGENCE MISSION DATA (IMD)	**2,120**	**0**	**-2,120**
Unjustified new start		-2,120	

R-1	Budget Request	Committee Recommended	Change from Request
255 DEPOT MAINTENANCE (NON-IF)	**45,168**	**50,168**	**5,000**
Program increase - defense industrial skills and technology training		5,000	
257 SATELLITE COMMUNICATIONS (SPACE)	**70,056**	**67,665**	**-2,391**
MUOS historical underexecution		-2,391	
999 CLASSIFIED PROGRAMS	**1,795,032**	**1,798,032**	**3,000**
Classified adjustment		3,000	
UNDISTRIBUTED REDUCTION - EXCESS TO NEED		**-216,435**	**-216,435**

SMALL BUSINESS INNOVATION RESEARCH PROGRAM

The Small Business Innovation Research Program (SBIR) is designed to attract small technology companies to participate in federally sponsored research and development in order to enable advances in innovative technology disruption. Despite significant investment and acquisition preference for SBIR companies, there are few signs of creative disruptions. The failure of the Department of Defense to capitalize on SBIR investments and incorporate disruptive innovation is demonstrated by the repeated failure of the Navy to sufficiently resource the Automated Test and Retest (ATRT) program, which has produced transformative technology, including the ATRT/AEGIS Virtual Twin.

The Committee recommendation includes a total of $34,797,000 for the ATRT program. Additionally, the Committee directs the Secretary of the Navy to adhere to SBIR law and use SBIR awardees to the greatest extent practicable, thus allowing and assisting SBIR awardees to commercialize technologies related to those developed under SBIR Phase I, II, and III awards.

UNDERGROUND FUEL STORAGE TANK RESEARCH

The Committee is concerned with the safety of underground fuel storage tanks commonly used on military installations by the Department of Defense. The Committee encourages the Secretary of the Navy to conduct additional research on the safety of underground fuel storage tanks to mitigate any risks to drinking water supplies for military bases and surrounding communities. Research areas should focus on advanced techniques for measuring and controlling corrosion; improved testing, inspection, repair, and maintenance of tanks; cost-effective secondary containment technology; and groundwater monitoring and modeling.

ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM

The Committee is encouraged by the development of technologies to provide secure and resilient battlefield networking capability referred to as the Mobile Unmanned/Manned Distributed Lethality Airborne Network Joint Capability Technology Demonstration project. The Committee encourages the Secretary of the Navy to continue development and deployment of this technology to provide an affordable capability with existing operational Department of Defense systems.

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 collection of critical stellar data supports future ground- and space-based defense systems. The Committee encourages the Secretary of the Navy to prioritize research for infrared telescope technology.

ANTI-CORROSION NANOTECHNOLOGY

The Committee remains concerned about the high costs associated with fixing corrosion on Department of Defense platforms. The

military, and in particular 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 urges the Chief of Naval Research to pursue lightweight, nanotechnology-based materials and coatings that provide high corrosion resistance in order to decrease the cost of corrosion and increase operational availability of military equipment and infrastructure.

OCEAN ACOUSTICS

The Committee recognizes that changes to ocean environments and coastlines will create new security concerns and that the Navy requires further research in ocean acoustics to be prepared to operate successfully and to monitor the changing environment. The Committee encourages the Secretary of the Navy to work with academia to develop the ocean monitoring capabilities necessary to understand the rapidly changing ocean.

FOREIGN OBJECT DAMAGE

The Committee recognizes the harmful and expensive effects of Foreign Object Damage (FOD) on tactical aircraft in the Department of Defense and commends the Naval Air Systems Command for attempting to reduce the number of these incidents. The Committee supports an integrated, modular approach to addressing this issue and supports continued research on the integration of a sensor and camera agnostic architecture within the Naval Air Systems Command to determine the best solution for FOD detection and mitigation. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the number of incidents involving FOD in the last two years that have caused damage and the cost of fixing the damage; the process the Navy is taking to establish a FOD mitigation approach and architecture; and the cost avoidance associated with a comprehensive FOD mitigation architecture.

INTEGRATED POWER AND ENERGY SYSTEMS

The Committee recognizes that the Office of Naval Research is researching power and energy alternatives, including reviewing current ship design and de-risking of technologies for integrated power and energy systems to support future growth of electric pulse power demands of advanced electric mission loads. The Committee understands that as the Department of Defense moves towards a digital engineering paradigm, a research effort is required to make partner facilities compliant. It is vital to ensure facilities are upgraded to the classification standard they require. The Committee encourages the Secretary of the Navy to work with partner facilities to advance their integration into this new paradigm.

STERN TUBE SEALS

The Committee is aware of data indicating a higher than desired failure rate of stern tube seals on some classes of Navy ships. Many of these seals are failing prior to major maintenance inter-

vals when the ships are in dry dock for the scheduled replacement of such equipment. The premature failure of these seals while at sea can compromise the combat readiness of ships. The Committee encourages the Secretary of the Navy to partner with the appropriate shipyards and industry partners to design, prototype, and test new designs that are more durable, safe, and cost effective.

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.

NAVY ALTERNATIVE ENERGY RESEARCH

The Committee recognizes the need for additional research by the Navy in its efforts to create a more robust energy infrastructure, to reduce the cost of energy, and to increase energy security, reliability, and resiliency at Department of the Navy facilities and on naval platforms. A broader range of experimentation, prototyping, and development is necessary for future naval capabilities related to powering maritime systems, at-sea persistent surveillance and communications systems, and unmanned undersea vehicle charging.

The Committee encourages the Secretary of the Navy to partner with universities, affiliated research facilities, and other federal agencies to conduct research on electrical power intermittency, integrating renewable energy sources into the grid, energy storage, improved micro-grids, local generation of zero-carbon fuels, marine hydrokinetic energy converters for autonomous systems, tactical energy solutions, and the inspection and structural health monitoring of critical energy infrastructure.

INTERFERENCE MITIGATION TECHNOLOGY TEST AND VERIFICATION

The Committee encourages the Secretary of the Navy to establish an independent verification and validation center that uses modular, open source hardware that allows new technology to be developed, tested, and fielded in a very rapid manner.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Fiscal year 2020 appropriation	$45,566,955,000
Fiscal year 2021 budget request	37,391,826,000
Committee recommendation	36,040,609,000
Change from budget request	−1,351,217,000

The Committee recommends an appropriation of $36,040,609,000 for Research, Development, Test and Evaluation, Air Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE			
	BASIC RESEARCH			
1	DEFENSE RESEARCH SCIENCES	315,348	325,348	+10,000
2	UNIVERSITY RESEARCH INITIATIVES	161,861	186,861	+25,000
3	HIGH ENERGY LASER RESEARCH INITIATIVES	15,085	15,085	---
	TOTAL, BASIC RESEARCH	492,294	527,294	+35,000
	APPLIED RESEARCH			
4	FUTURE AF CAPABILITIES APPLIED RESEARCH	100,000	100,000	---
5	MATERIALS	140,781	180,281	+39,500
6	AEROSPACE VEHICLE TECHNOLOGIES	349,225	175,472	-173,753
7	HUMAN EFFECTIVENESS APPLIED RESEARCH	115,222	115,222	---
8	AEROSPACE PROPULSION	---	196,753	+196,753
9	AEROSPACE SENSORS	211,301	233,301	+22,000
11	SCIENCE AND TECHNOLOGY MANAGEMENT - MAJOR HEADQUARTERS	8,926	8,926	---
12	CONVENTIONAL MUNITIONS	132,425	132,425	---
13	DIRECTED ENERGY TECHNOLOGY	128,113	128,113	---
14	DOMINANT INFORMATION SCIENCES AND METHODS	178,668	208,668	+30,000
15	HIGH ENERGY LASER RESEARCH	45,088	50,088	+5,000
16	SPACE TECHNOLOGY	---	---	---
	TOTAL, APPLIED RESEARCH	1,409,749	1,529,249	+119,500
	ADVANCED TECHNOLOGY DEVELOPMENT			
17	AF FOUNDATIONAL DEVELOPMENT/DEMOS	103,280	---	-103,280
18	FUTURE AF INTEGRATED TECHNOLOGY DEMOS	157,619	20,000	-137,619
19	NEXT GEN PLATFORM DEV/DEMO	199,556	---	-199,556
20	PERSISTENT KNOWLEDGE, AWARENESS, & C2 TECH	102,276	---	-102,276
21	NEXT GEN EFFECTS DEV/DEMOS	215,817	---	-215,817
22	ADVANCED MATERIALS FOR WEAPON SYSTEMS	---	51,169	+51,169
23	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	---	16,933	+16,933
24	ADVANCED AEROSPACE SENSORS	---	35,338	+35,338
25	AEROSPACE TECHNOLOGY DEV/DEMO	---	103,130	+103,130
26	AEROSPACE PROPULSION AND POWER TECHNOLOGY	---	132,058	+132,058
27	ELECTRONIC COMBAT TECHNOLOGY	---	60,538	+60,538
28	ADVANCED SPACECRAFT TECHNOLOGY	---	57,268	+57,268
29	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	---	12,090	+12,090

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
30	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT...	---	31,725	+31,725
31	CONVENTIONAL WEAPONS TECHNOLOGY.....	---	206,232	+206,232
32	ADVANCED WEAPONS TECHNOLOGY.....	---	31,445	+31,445
33	MANUFACTURING TECHNOLOGY PROGRAM.....	---	110,401	+110,401
34	BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION.....	---	58,221	+58,221
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	778,548	926,548	+148,000
	ADVANCED COMPONENT DEVELOPMENT			
38	INTELLIGENCE ADVANCED DEVELOPMENT.....	4,320	4,320	---
39	COMBAT IDENTIFICATION TECHNOLOGY.....	26,396	26,396	---
40	NATO RESEARCH AND DEVELOPMENT.....	3,647	3,647	---
41	IBCM DLM/VAL.....	32,959	32,959	---
43	AIR FORCE WEATHER SERVICES RESEARCH.....	869	2,238	+1,369
44	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS).....	302,323	252,323	-50,000
45	ADVANCED ENGINE DEVELOPMENT.....	636,495	666,495	+30,000
46	LONG RANGE STRIKE.....	2,848,410	2,848,410	---
47	DIRECTED ENERGY PROTOTYPING.....	20,964	20,964	---
48	HYPERSONICS PROTOTYPING.....	381,862	381,862	---
50	ADVANCED TECHNOLOGY AND SENSORS.....	24,747	24,747	---
51	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP.....	76,417	76,417	---
52	TECHNOLOGY TRANSFER.....	3,011	3,011	---
53	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM.....	52,921	52,921	---
54	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS.....	69,783	69,783	---
55	DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D.....	25,835	25,835	---
56	TECH TRANSITION PROGRAM.....	219,252	222,952	+3,700
57	GROUND BASED STRATEGIC DETERRENT.....	1,524,759	1,464,759	-60,000
59	NEXT GENERATION AIR DOMINANCE.....	1,044,089	537,589	-506,500
60	THREE DIMENSIONAL LONG-RANGE RADAR.....	19,356	19,356	---
61	AIRBASE AIR DEFENSE SYSTEMS (ABADS).....	8,737	8,737	---
62	UNIFIED PLATFORM (UP).....	5,990	5,990	---
63	COMMON DATA LINK EXECUTIVE AGENT (CDL EA).....	39,293	39,293	---
65	MISSION PARTNER ENVIRONMENTS.....	11,430	11,430	---
66	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	259,823	259,823	---
67	ENABLED CYBER ACTIVITIES.....	10,560	10,560	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
68	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION	9,908	7,808	-2,100
69	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	8,662	5,672	-2,990
74	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	8,787	---	-8,787
77	SPACE SECURITY AND DEFENSE PROGRAM	56,311	---	-56,311
	TOTAL, ADVANCED COMPONENT DEVELOPMENT	7,737,916	7,086,297	-651,619
	ENGINEERING & MANUFACTURING DEVELOPMENT			
82	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	25,161	25,161	---
83	PNT RESILIENCY, MODS AND IMPROVEMENTS	38,564	38,564	---
84	NUCLEAR WEAPONS SUPPORT	35,033	35,033	---
85	ELECTRONIC WARFARE DEVELOPMENT	2,098	2,098	---
86	TACTICAL DATA NETWORKS ENTERPRISE	131,909	131,909	---
87	PHYSICAL SECURITY EQUIPMENT	6,752	6,752	---
88	SMALL DIAMETER BOMB (SDB)	17,280	17,280	---
90	ARMAMENT/ORDNANCE DEVELOPMENT	23,076	23,076	---
91	SUBMUNITIONS	3,091	3,091	---
92	AGILE COMBAT SUPPORT	20,609	19,015	-1,594
93	JOINT DIRECT ATTACK MUNITION	7,926	7,926	---
94	LIFE SUPPORT SYSTEMS	23,660	23,660	---
95	COMBAT TRAINING RANGES	8,898	8,898	---
96	F-35 - EMD	5,423	5,423	---
97	LONG RANGE STANDOFF WEAPON	474,430	304,430	-170,000
98	ICBM FUZE MODERNIZATION	167,099	167,099	---
100	OPEN ARCHITECTURE MANAGEMENT	30,547	30,547	---
102	ADVANCED PILOT TRAINING	248,669	248,669	---
103	COMBAT RESCUE HELICOPTER	63,169	63,169	---
105	NUCLEAR WEAPONS MODERNIZATION	9,683	9,683	---
106	F-15 EPAWSS	170,679	170,679	---
107	STAND IN ATTACK WEAPON	160,438	160,438	---
108	FULL COMBAT MISSION TRAINING	9,422	9,422	---
110	COMBAT SURVIVOR EVADER LOCATOR	973	973	---
111	KC-46A TANKER SQUADRONS	106,262	106,262	---
113	PRESIDENTIAL AIRCRAFT REPLACEMENT	800,889	800,889	---
114	AUTOMATED TEST SYSTEMS	10,673	10,673	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
115	TRAINING DEVELOPMENTS	4,479	4,479	---
116	AF A1 SYSTEMS	8,467	8,467	---
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	2,615,359	2,443,765	-171,594
	RDT&E MANAGEMENT SUPPORT			
131	THREAT SIMULATOR DEVELOPMENT	57,725	57,725	---
132	MAJOR T&E INVESTMENT	208,680	208,680	---
133	RAND PROJECT AIR FORCE	35,803	35,803	---
135	INITIAL OPERATIONAL TEST & EVALUATION	13,557	13,557	---
136	TEST AND EVALUATION SUPPORT	764,606	764,606	---
137	ACQ WORKFORCE- GLOBAL POWER	---	273,231	+273,231
138	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	---	262,119	+262,119
139	ACQ WORKFORCE- GLOBAL REACH	---	158,429	+158,429
140	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	---	247,468	+247,468
141	ACQ WORKFORCE- GLOBAL BATTLE MGMT	---	183,107	+183,107
142	ACQ WORKFORCE- CAPABILITY INTEGRATION	1,362,038	219,868	-1,142,170
143	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	40,768	58,584	+17,816
144	ACQ WORKFORCE- NUCLEAR SYSTEMS	179,646	179,646	---
145	MANAGEMENT HQ - R&D	5,734	5,734	---
146	FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL	70,985	70,985	---
147	FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT	29,880	29,880	---
148	REQUIREMENTS ANALYSIS AND MATURATION	63,381	63,381	---
149	MANAGEMENT HQ - T&E	5,785	5,785	---
150	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4) - STRATCOM	24,564	21,564	-3,000
151	ENTERPRISE INFORMATION SERVICES (EIS)	9,883	9,883	---
152	ACQUISITION AND MANAGEMENT SUPPORT	13,384	13,384	---
153	GENERAL SKILL TRAINING	1,262	1,262	---
155	INTERNATIONAL ACTIVITIES	3,599	3,599	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	2,891,280	2,888,280	-3,000
	OPERATIONAL SYSTEMS DEVELOPMENT			
163	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	8,777	11,577	+2,800
164	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	499	499	---
165	F-35 C2D2	785,336	785,336	---
166	AIR FORCE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM	27,035	27,035	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
167	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	50,508	47,193	-3,315
168	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	71,229	71,229	---
169	HC/MC-130 RECAP RDT&E	24,705	24,705	---
170	NC3 INTEGRATION	26,356	26,356	---
172	B-52 SQUADRONS	520,023	473,623	-46,400
173	AIR-LAUNCHED CRUISE MISSILE (ALCM)	1,433	1,433	---
174	B-1B SQUADRONS	15,766	15,766	---
175	B-2 SQUADRONS	187,399	187,399	---
176	MINUTEMAN SQUADRONS	116,569	116,569	---
177	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	27,235	27,235	---
178	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK	24,227	24,227	---
179	ICBM REENTRY VEHICLES	112,753	112,753	---
181	UH-1N REPLACEMENT PROGRAM	44,464	44,464	---
182	RSOC MODERNIZATION	5,929	5,929	---
183	NORTH WARNING SYSTEM (NWS)	100	100	---
184	MQ-9 UAV	162,080	152,112	-9,968
186	A-10 SQUADRONS	24,535	24,535	---
187	F-16 SQUADRONS	223,437	233,305	+9,868
188	F-15E SQUADRONS	298,908	288,908	-10,000
189	MANNED DESTRUCTIVE SUPPRESSION	14,960	14,960	---
190	F-22 SQUADRONS	665,038	665,038	---
191	F-35 SQUADRONS	132,229	132,229	---
192	F-15EX	159,761	159,761	---
193	TACTICAL AIM MISSILES	19,417	19,417	---
194	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	51,799	51,799	---
195	COMBAT RESCUE - PARARESCUE	669	669	---
196	AF TENCAP	21,644	21,644	---
197	PRECISION ATTACK SYSTEMS PROCUREMENT	9,261	9,261	---
198	COMPASS CALL	15,854	15,854	---
199	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	95,896	125,896	+30,000
200	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	70,792	70,792	---
201	AIR AND SPACE OPERATIONS CENTER (AOC)	51,187	51,187	---
202	CONTROL AND REPORTING CENTER (CRC)	16,041	16,041	---
203	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	138,303	121,151	-17,152

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
204	TACTICAL AIRBORNE CONTROL SYSTEMS	4,223	4,223	---
206	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	16,564	15,257	-1,307
207	THEATER BATTLE MANAGEMENT (TBM) C41	7,858	7,858	---
208	TACTICAL AIR CONTROL PARTY--MOD	12,906	12,906	---
210	DCAPES	14,816	14,816	---
211	AIR FORCE CALIBRATION PROGRAMS	1,970	1,970	---
212	NATIONAL TECHNICAL NUCLEAR FORENSICS	396	396	---
213	SEEK EAGLE	29,680	29,680	---
214	USAF MODELING AND SIMULATION	17,666	17,666	---
215	WARGAMING AND SIMULATION CENTERS	6,353	6,353	---
216	BATTLEFIELD ABN COMM NODE (BACN)	6,827	6,827	---
217	DISTRIBUTED TRAINING AND EXERCISES	3,390	---	-3,390
218	MISSION PLANNING SYSTEMS	91,768	91,768	---
219	TACTICAL DECEPTION	2,370	---	-2,370
220	OPERATIONAL HG - CYBER	5,527	5,527	---
221	DISTRIBUTED CYBER WARFARE OPERATIONS	68,279	68,279	---
222	AF DEFENSIVE CYBERSPACE OPERATIONS	15,165	15,165	---
223	JOINT CYBER COMMAND AND CONTROL (JCC2)	38,480	38,480	---
224	UNIFIED PLATFORM (UP)	84,645	84,645	---
230	GEOBASE	2,767	2,767	---
231	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	32,759	32,759	---
238	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS	2,904	2,904	---
239	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	3,468	3,468	---
240	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	61,887	31,426	-30,461
242	INFORMATION SYSTEMS SECURITY PROGRAM	10,351	3,608	-6,743
243	GLOBAL FORCE MANAGEMENT - DATA INITIATIVE	1,346	1,346	---
246	AIRBORNE SIGINT ENTERPRISE	128,110	128,110	---
247	COMMERCIAL ECONOMIC ANALYSIS	4,042	4,042	---
251	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,649	1,649	---
252	ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	19,265	19,265	---
253	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,645	4,645	---
254	CYBER SECURITY INITIATIVE	384	384	---
255	WEATHER SERVICE	23,640	36,640	+13,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
256	AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC).	6,553	6,553	---
257	AERIAL TARGETS	449	449	---
260	SECURITY AND INVESTIGATIVE ACTIVITIES	432	---	-432
262	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	4,890	4,890	---
264	INTEGRATED BROADCAST SERVICE	8,864	8,864	---
265	DRAGON U-2	18,660	36,660	+18,000
267	AIRBORNE RECONNAISSANCE SYSTEMS	121,512	113,512	-8,000
268	MANNED RECONNAISSANCE SYSTEMS	14,711	14,711	---
269	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	14,152	14,152	---
270	RQ-4 UAV	134,589	134,589	---
271	NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA)	15,049	15,049	---
272	NATO AGS	36,731	36,731	---
273	SUPPORT TO DCGS ENTERPRISE	33,547	33,547	---
274	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES	13,635	13,635	---
275	RAPID CYBER ACQUISITION	4,262	4,262	---
276	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,207	2,207	---
277	INTELLIGENCE MISSION DATA (IMD)	6,277	6,277	---
278	C-130 AIRLIFT SQUADRON	41,973	41,973	---
279	C-5 AIRLIFT SQUADRONS	32,560	32,560	---
280	C-17 AIRCRAFT	9,991	9,991	---
281	C-130J PROGRAM	10,674	10,674	---
282	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,507	5,507	---
283	KC-135	4,591	4,591	---
286	CV-22	18,419	18,419	---
288	SPECIAL TACTICS / COMBAT CONTROL	7,673	7,673	---
290	MAINTENANCE, REPAIR & OVERHAUL SYSTEM	24,513	24,513	---
291	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	35,225	33,247	-1,978
292	SUPPORT SYSTEMS DEVELOPMENT	11,838	11,838	---
293	OTHER FLIGHT TRAINING	1,332	1,332	---
295	JOINT PERSONNEL RECOVERY AGENCY	2,092	2,092	---
296	CIVILIAN COMPENSATION PROGRAM	3,869	3,869	---
297	PERSONNEL ADMINISTRATION	1,584	1,584	---
298	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,197	1,197	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
299	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT..	7,006	7,006	---
300	DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS).....	45,638	45,638	---
301	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).....	1,889	---	-1,889
302	SERVICE SUPPORT TO STRATCOM - SPACE ACTIVITIES.....	993	993	---
303	SERVICE SUPPORT TO SPACECOM ACTIVITIES.....	8,999	8,999	---
314	SPACE SUPERIORITY INTELLIGENCE.....	16,810	---	-16,810
316	NATIONAL SPACE DEFENSE CENTER.....	2,687	---	-2,687
318	NCMC - TW/AA SYSTEM.....	6,990	---	-6,990
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	5,688,824	5,592,600	-96,224
9999	CLASSIFIED PROGRAMS.....	15,777,856	15,102,030	-675,826
323	UNDISTRIBUTED REDUCTION - EXCESS TO NEED.....	---	-55,454	-55,454
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE.....	37,391,826	36,040,609	-1,351,217

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	**DEFENSE RESEARCH SCIENCES**	**315,348**	**325,348**	**10,000**
	Program increase - defense research sciences		10,000	
2	**UNIVERSITY RESEARCH INITIATIVES**	**161,861**	**186,861**	**25,000**
	Program increase - university research initiatives		15,000	
	Program increase - solar block research		5,000	
	Program increase - hypersonic supply chain research		5,000	
5	**MATERIALS**	**140,781**	**180,281**	**39,500**
	Program increase - coating technologies		5,000	
	Program increase - deployable passive cooling		5,000	
	Program increase - additive manufacturing		10,000	
	Program increase - human monitoring capabilities		9,500	
	Program increase - ceramic matrix composites		10,000	
6	**AEROSPACE VEHICLE TECHNOLOGIES**	**349,225**	**175,472**	**-173,753**
	Transfer to line 8		-196,753	
	Program increase - secure UAV technologies		10,000	
	Program increase - modeling and testing of high temperature aero vehicles		4,000	
	Program increase - advanced battery technology for directed energy		5,000	
	Program increase - hypersonic research and education		4,000	
8	**AEROSPACE PROPULSION**	**0**	**196,753**	**196,753**
	Transfer from line 6		196,753	
9	**AEROSPACE SENSORS**	**211,301**	**233,301**	**22,000**
	Program increase - exploitation detection for flexible combat avionics		5,000	
	Program increase - low cost sensors for small unmanned vehicles		5,000	
	Program increase - additive manufacturing for electronics		6,000	
	Program increase - cyber assurance and assessment of electronic hardware systems		6,000	
14	**DOMINANT INFORMATION SCIENCES AND METHODS**	**178,668**	**208,668**	**30,000**
	Program increase - trusted UAS traffic management and c-SUAS testbed		10,000	
	Program increase - quantum network testbed		10,000	
	Program increase - quantum innovation center		10,000	
15	**HIGH ENERGY LASER RESEARCH**	**45,088**	**50,088**	**5,000**
	Program increase - fiber laser research		5,000	
17	**AIR FORCE FOUNDATIONAL DEVELOPMENT/DEMOS**	**103,280**	**0**	**-103,280**
	Transfer to line 22		-35,169	
	Transfer to line 23		-16,933	
	Transfer to line 30		-10,777	
	Transfer to line 33		-40,401	

R-1		Budget Request	Committee Recommended	Change from Request
18	FUTURE AIR FORCE INTEGRATED TECHNOLOGY DEMOS	157,619	20,000	-137,619
	Transfer to line 25		-40,900	
	Transfer to line 27		-24,632	
	Transfer to line 31		-72,087	
19	NEXT GEN PLATFORM DEV/DEMO	199,556	0	-199,556
	Transfer to line 25		-37,230	
	Transfer to line 26		-105,058	
	Transfer to line 28		-57,268	
20	PERSISTENT KNOWLEDGE, AWARENESS AND C2 TECH	102,276	0	-102,276
	Transfer to line 24		-35,338	
	Transfer to line 27		-4,699	
	Transfer to line 29		-12,090	
	Transfer to line 30		-20,948	
	Transfer to line 34		-29,201	
21	NEXT GEN EFFECTS DEV/DEMOS	215,817	0	-215,817
	Transfer to line 27		-31,207	
	Transfer to line 31		-134,145	
	Transfer to line 32		-31,445	
	Transfer to line 34		-19,020	
22	ADVANCED MATERIALS FOR WEAPON SYSTEMS	0	51,169	51,169
	Transfer from line 17		35,169	
	Program increase - materials affordability research		10,000	
	Program increase - composites technology		6,000	
23	SUSTAINMENT S&T	0	16,933	16,933
	Transfer from line 17		16,933	
24	ADVANCED AEROSPACE SENSORS	0	35,338	35,338
	Transfer from line 20		35,338	
25	AEROSPACE TECHNOLOGY DEV/DEMO	0	103,130	103,130
	Transfer from line 18		40,900	
	Transfer from line 19		37,230	
	Program increase - Agility Prime		25,000	
26	AEROSPACE PROPULSION & POWER TECHNOLOGY	0	132,058	132,058
	Transfer from line 19		105,058	
	Program increase - multi-mode propulsion		5,000	
	Program increase - low spool generator capabilities		5,000	
	Program increase - small turbine engines for long range weapons		17,000	
27	ELECTRONIC COMBAT TECHNOLOGY	0	60,538	60,538
	Transfer from line 18		24,632	
	Transfer from line 20		4,699	
	Transfer from line 21		31,207	
28	ADVANCED SPACECRAFT TECHNOLOGY	0	57,268	57,268
	Transfer from line 19		57,268	

R-1		Budget Request	Committee Recommended	Change from Request
29	**MAUI SPACE SURVEILLANCE SYSTEM**	**0**	**12,090**	**12,090**
	Transfer from line 20		12,090	
30	**HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY**	**0**	**31,725**	**31,725**
	Transfer from line 17		10,777	
	Transfer from line 20		20,948	
31	**CONVENTIONAL WEAPONS TECHNOLOGY**	**0**	**206,232**	**206,232**
	Transfer from line 18		72,087	
	Transfer from line 21		134,145	
32	**ADVANCED WEAPONS TECHNOLOGY**	**0**	**31,445**	**31,445**
	Transfer from line 21		31,445	
33	**MANUFACTURING TECHNOLOGY PROGRAM**	**0**	**110,401**	**110,401**
	Transfer from line 17		40,401	
	Program increase - hybrid manufacturing for rapid tooling and repair		5,000	
	Program increase - cost reduction for aerospace composite structures		10,000	
	Program increase - technologies to repair fastener holes		5,000	
	Program increase - flexible thermal protection systems for hypersonics		10,000	
	Program increase - modeling technology for small turbine engines		7,000	
	Program increase - alternative domestic rubber production		5,000	
	Program increase - large scale additive manufacturing for hypersonics		6,000	
	Program increase - manufacturing readiness for hypersonic propulsion systems		10,000	
	Program increase - manufacturing technology for reverse engineering		5,000	
	Program increase - thermoplastic material systems		7,000	
34	**BATTLESPACE KNOWLEDGE DEV/DEMO**	**0**	**58,221**	**58,221**
	Transfer from line 20		29,201	
	Transfer from line 21		19,020	
	Program increase - assured communication and networks		10,000	
43	**AIR FORCE WEATHER SERVICES RESEARCH**	**869**	**2,238**	**1,369**
	Drought warning system		1,369	
44	**ADVANCED BATTLE MANAGEMENT SYSTEM**	**302,323**	**252,323**	**-50,000**
	Unjustified growth		-50,000	
45	**ADVANCED ENGINE DEVELOPMENT**	**636,495**	**666,495**	**30,000**
	Program increase		30,000	

R-1		Budget Request	Committee Recommended	Change from Request
56	**TECH TRANSITION PROGRAM**	**219,252**	**222,952**	**3,700**
	Experimentation		-20,000	
	Prototyping - hold to fiscal year 2020 level		-27,300	
	Program increase - massive area additive manufacturing		10,000	
	Program increase - additive manufacturing for metals		10,000	
	Program increase - cold spray and directed energy deposition		6,000	
	Program increase - unfunded requirement for Skyborg / LCAAT		25,000	
57	**GROUND BASED STRATEGIC DETERRENT**	**1,524,759**	**1,464,759**	**-60,000**
	Excess to need		-60,000	
59	**NEXT GENERATION AIR DOMINANCE**	**1,044,089**	**537,589**	**-506,500**
	Program decrease to fund near term fighter recap shortfall		-506,500	
68	**C-32 EXECUTIVE TRANSPORT RECAPITALIZATION**	**9,908**	**7,808**	**-2,100**
	AoA funding carryover		-2,100	
69	**CONTRACTING INFORMATION TECHNOLOGY SYSTEM**	**8,662**	**5,672**	**-2,990**
	Unjustified increase		-2,990	
74	**SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)**	**8,787**	**0**	**-8,787**
	Transfer to RD,SF line 6		-8,787	
77	**SPACE SECURITY AND DEFENSE PROGRAM**	**56,311**	**0**	**-56,311**
	Transfer to RD,SF line 11A		-56,311	
92	**AGILE COMBAT SUPPORT**	**20,609**	**19,015**	**-1,594**
	Technology transfer planning execution delays		-1,594	
97	**LONG RANGE STANDOFF WEAPON**	**474,430**	**304,430**	**-170,000**
	TMRR funding excess to need		-170,000	
137	**ACQUISITION WORKFORCE - GLOBAL POWER**	**0**	**273,231**	**273,231**
	Transfer from line 142		273,231	
138	**ACQUISITION WORKFORCE - GLOBAL VIGILANCE AND COMBAT SYSTEMS**	**0**	**262,119**	**262,119**
	Transfer from line 142		262,119	
139	**ACQUISITION WORKFORCE - GLOBAL REACH**	**0**	**158,429**	**158,429**
	Transfer from line 142		158,429	
140	**ACQUISITION WORKFORCE - CYBER, NETWORK, AND BUSINESS SYSTEMS**	**0**	**247,468**	**247,468**
	Transfer from line 142		247,468	
141	**ACQUISITION WORKFORCE - GLOBAL BATTLE MANAGEMENT**	**0**	**183,107**	**183,107**
	Transfer from line 142		183,107	

R-1		Budget Request	Committee Recommended	Change from Request
142	ACQUISITION WORKFORCE - CAPABILITY INTEGRATION	1,362,038	219,868	-1,142,170
	Transfer to line 137 for Global Power		-273,231	
	Transfer to line 138 for Global Vigilance		-262,119	
	Transfer to line 139 for Global Reach		-158,429	
	Transfer to line 140 for Cyber, Network, and Business Systems		-247,468	
	Transfer to line 141 for Global Battle Management		-183,107	
	Transfer to line 143 for Advanced Program Technology		-17,816	
143	ACQUISITION WORKFORCE - ADVANCED PROGRAM TECHNOLOGY	40,768	58,584	17,816
	Transfer from line 142		17,816	
150	C4 - STRATCOM	24,564	21,564	-3,000
	Modeling and simulation and enterprise data environment development - lack of justification		-3,000	
163	SUFT	8,777	11,577	2,800
	Program increase - PRIME DTS		2,800	
167	ANTI-TAMPER TECHNOLOGY EA	50,508	47,193	-3,315
	Lack of prior year execution data		-3,315	
172	B-52 SQUADRONS	520,023	473,623	-46,400
	AFMC test assets		-3,000	
	ATP display upgrade delay		-5,000	
	RMP MSB slip		-10,900	
	CERP excess to need		-25,500	
	AEHF lack of acquisition strategy		-2,000	
184	MQ-9	162,080	152,112	-9,968
	Tech insertion request unjustified		-9,968	
187	F-16 SQUADRONS	223,437	233,305	9,868
	AIFF Mode 5 - Air Force requested transfer from AP,AF line 30		9,868	
188	F-15 SQUADRONS	298,908	288,908	-10,000
	IRST carryover		-10,000	
199	ENGINE CIP	95,896	125,896	30,000
	Program increase		30,000	
203	AWACS	138,303	121,151	-17,152
	GPS upgrade unjustified request		-1,000	
	ACIP carryover		-2,000	
	CID inconsistent budget justification		-6,000	
	EP Phase 1A excess to need		-8,152	
206	COMBAT AIR INTELLIGENCE SYSTEM	16,564	15,257	-1,307
	Unjustified growth		-1,307	
217	DISTRIBUTED TRAINING AND EXERCISES	3,390	0	-3,390
	Insufficient justification		-3,390	

R-1		Budget Request	Committee Recommended	Change from Request
219	**TACTICAL DECEPTION**	**2,370**	**0**	**-2,370**
	Ahead of need		-2,370	
240	**MEECN**	**61,887**	**31,426**	**-30,461**
	CVR increment 2		-12,617	
	GASNT increment 2		-17,844	
242	**ISSP**	**10,351**	**3,608**	**-6,743**
	Crypto modernization tech development ahead of need		-6,743	
255	**WEATHER SERVICE**	**23,640**	**36,640**	**13,000**
	Program increase - commercial weather data pilot		10,000	
	Program increase - enhanced weather prediction		3,000	
260	**SECURITY AND INVESTIGATIVE ACTIVITIES**	**432**	**0**	**-432**
	Lack of prior year execution data		-432	
265	**U-2**	**18,660**	**36,660**	**18,000**
	Air Force requested transfer from line 267		18,000	
267	**AIRBORNE RECONNAISSANCE SYSTEMS**	**121,512**	**113,512**	**-8,000**
	Air Force requested transfer to line 265		-18,000	
	Program decrease		-10,000	
	Program increase - sensor open systems architecture		10,000	
	Program increase - wide area motion imagery		10,000	
291	**LOGIT**	**35,225**	**33,247**	**-1,978**
	Unjustified growth		-1,978	
301	**GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)**	**1,889**	**0**	**-1,889**
	Transfer to RD,SF line 26		-1,889	
314	**SPACE SUPERIORITY INTELLIGENCE**	**16,810**	**0**	**-16,810**
	Transfer to RD,SF line 41B		-16,810	
316	**NATIONAL SPACE DEFENSE CENTER**	**2,687**	**0**	**-2,687**
	Transfer to RD,SF line 41A		-2,687	
318	**NCMC - TW/AA SYSTEM**	**6,990**	**0**	**-6,990**
	Transfer to RD,SF line 41C		-6,990	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		**-55,454**	**-55,454**
999	**CLASSIFIED PROGRAMS**	**15,777,856**	**15,102,030**	**-675,826**
	Classified adjustment		-90,000	
	Classified adjustment		-585,826	

PROGRAM ELEMENT CONSOLIDATION

The Air Force's fiscal year 2021 budget request for research, development, test and evaluation proposes to eliminate funding for 14 program elements within the budget activities for applied research and advanced technology development, and consolidate funding for multiple budget program activity codes totaling approximately $955,000,000 into one existing and five new program elements.

The Committee understands that the intent of the Air Force proposal is to convert the existing geographically aligned budget structure into a more integrated format that better serves the Air Force's science and technology strategy. The Air Force believes this consolidation will increase the transparency of its research and development efforts and facilitate more coherent cross-domain solutions to problem sets. Additionally, the Air Force proposes to consolidate most funding for acquisition workforce civilian pay funded through this account into a single line by eliminating five program elements and partially reducing another. The Committee understands the intent of the Air Force and does not reject it outright, but the Committee finds that one effect of this consolidation would be the increased ability of the Department of Defense to realign funding among different activities without seeking prior congressional approval. The granting of additional budget flexibility to the Department is based on the presumption that a state of trust and comity exists between the legislative and executive branches regarding the proper use of appropriated funds. This presumption presently is false. Since the Department has repeatedly demonstrated its willingness to disregard congressionally mandated reprogramming procedures, the Committee cannot agree to provide the additional budget flexibility the Air Force requested. The recommendation therefore restores funding for these activities to the program elements and budget lines in which they were previously funded. The Committee is open to reconsidering this proposal once the Department's leadership recommits to honoring Congress's constitutional power of the purse.

HYPERSONICS PROTOTYPING

The Committee recommendation fully funds the Air Force's request of $381,862,000 for hypersonics prototyping; however, the Committee continues to have concerns with the Air Force's repeated failure to adequately budget for this program. The Air Force received full funding for the fiscal year 2020 request of $576,000,000 to continue two efforts: the air-launched rapid response weapon (ARRW) and the hypersonic conventional strike weapon (HCSW). The Committee noted in House Report 116–84 that HCSW had no programmed funding in fiscal year 2021 and thereafter. The Committee was notified by the Air Force at the time of the fiscal year 2021 budget submission that the HCSW effort would be terminated upon the conclusion of the critical design review. The Committee views this decision as a direct consequence of the Air Force's failure to properly budget for the continuation of the HCSW effort.

At the same time, the remaining ARRW effort has seen dramatic growth in cost estimates. A March 2018 non-advocate cost assess-

ment produced an estimate of $854,700,000; the most recent estimate from March 2020 is $1,364,000,000, a growth of nearly 60 percent. Entailed in this cost growth is a further increase to the previously known budget shortfall for ARRW in fiscal year 2020, which the Air Force intends to remedy by realigning $146,700,000 from the HCSW effort.

The Committee understands that the cost growth in ARRW is attributable to cost elements that were not previously captured in earlier estimates, yet these estimates have been used to establish baselines for congressional reporting. The May 2019 "804 Triannual Report" submitted to the congressional defense committees by the Assistant Secretary of the Air Force (Acquisition, Technology and Logistics) used the March 2018 cost estimate as the baseline for the ARRW effort, and a ten percent growth from this baseline was established as a "guardrail" triggering congressional notification. Even though the Air Force produced an updated cost estimate of $1,213,000,000 in March 2019, an increase of nearly 42 percent over the previously reported figure, the October 2019 "Triannual Report" simply substituted the new baseline for the prior one. The latest estimate from March 2020 is more than 12 percent above even this revised baseline. These facts call into question the value of existing reporting mechanisms for middle-tier acquisition (MTA) programs. Even though the ARRW program now appears to be fully funded in the fiscal year 2021 budget request, it still projects relatively smaller shortfalls in fiscal years 2022 and 2023.

The Committee increasingly finds that the Department-wide mantra of increasing speed and accepting greater risk in acquisition programs has not been matched by the necessary discipline when it comes to programming, budgeting, and transparency. The Government Accountability Office has found that most major MTA programs are planning for transition to another MTA or a more traditional major defense acquisition program. The Committee believes that the Air Force, and the Department in general, need to plan for success by ensuring that the proper resources are programmed. Otherwise, future decision makers will be forced into sub-optimal decisions for lack of resources, such as terminating an effort prematurely, abruptly cancelling or reducing other programs to find the necessary funds, or simply accepting "residual capability" of questionable long-term value. This has been acutely illustrated by the recent experience with the hypersonics prototyping program.

While the Committee recommendation fully funds the ARRW program, the Committee does not intend to approve funding for further cost increases for the section 804 effort beyond the March 2020 estimate, whether through future budget submissions or reprogramming requests. The Committee also strongly urges the Secretary of the Air Force to program funding for the transition of the ARRW effort to production beginning with the submission of the fiscal year 2022 request.

ADVANCED BATTLE MANAGEMENT SYSTEM

The budget request includes $302,323,000 for the Advanced Battle Management System (ABMS). The requested funding is more

than double the comparable level for fiscal year 2020, and the Committee notes that this program is projected to grow to $1,087,601,000 by 2024 in the current future years defense plan (FYDP). While the Committee acknowledges the need for a robust and agile "sensor-to-shooter" network to meet the challenges of future operating environments, and supports broad principles of the ABMS approach such as open architecture and the avoidance of "vendor lock," the Committee currently lacks enough confidence in the Air Force's structuring and execution of ABMS to support the rate of budget growth beginning with the fiscal year 2021 request.

The Committee notes several weaknesses within the current ABMS program that should be addressed before the Committee agrees to the budget growth for ABMS envisioned in the current FYDP. The Government Accountability Office (GAO) has identified several of these weaknesses, such as the absence of firm requirements, acquisition strategy, or cost estimate, as well as the unclear definition of responsibilities of the Chief Architect of the Air Force and other offices involved in executing the ABMS program. While the Air Force emphasizes that ABMS is being executed as a "non-traditional" acquisition program, this reinforces rather than reduces the need for discipline in what GAO refers to as the control environment. In addition, the Committee believes that the Air Force needs to articulate a strategy for transitioning technologies that are successfully developed by the ABMS program to existing weapon systems and other programs of record. It is unclear how the costs of fully integrating elements of the ABMS family of systems will be accounted for through their lifecycles across multiple programs without simply being handed down as unfunded mandates to individual program managers. Finally, the Committee is not confident that existing Air Force programs of record have been adequately reviewed to ensure that they are consistent with the Air Force's vision for ABMS and its requirements, to the extent they are actually known.

The budget justification documentation for the fiscal year 2021 request poorly describes how the requested funds will be executed, but from additional information provided by the Air Force the Committee understands that the request includes approximately $75,000,000 for "on ramp" exercises that are intended to demonstrate potential technologies and capabilities. The Air Force intends to conduct three such exercises in the fiscal year and sustain this pace indefinitely. The Committee cannot ascertain any specific requirement or other programmatic justification for conducting this number of exercises, nor does the Committee have adequate confidence in the cost estimate of $25,000,000 per exercise. It is unclear if the ABMS program intends to limit the scope of exercises to the allocated funds, if other Air Force funds would be used to augment such exercises as necessary, or if other efforts within the ABMS program would be reduced in order to support the exercises if their actual costs exceed the budgeted amounts. The Committee therefore recommends a reduction of $50,000,000 to the ABMS program and directs the Secretary of the Air Force to limit the total cost of "on ramp" exercises to no more than $25,000,000 in fiscal year 2021.

MINORITY LEADERS PROGRAM

The Committee supports the Minority Leaders Program, which enables and enhances collaborative research partnerships between Historically Black Colleges and Universities, Hispanic Serving Institutions, and other Minority Serving Institutions and the Air Force Research Laboratory. A critical aspect of the program is to increase the core competencies of these institutions to make them more competitive with academia and industry within their fields. The Committee encourages the Secretary of the Air Force to execute the program in a manner that maximizes the funding and participation of these institutions and the students that they serve.

SKYBORG AND LOW-COST ATTRITABLE AIRCRAFT TECHNOLOGY

The Committee supports the Air Force's Skyborg effort, which will develop and demonstrate an autonomy-focused suite of capabilities enabling the Air Force to produce and sustain effective combat mass using low-cost attritable aircraft technology (LCAAT) teamed with manned platforms. An additional $100,000,000 for LCAAT was provided in the Department of Defense Appropriations Act, 2020 and accompanying language directed the Secretary of the Air Force to execute that funding according to the spend plan submitted in March 2020. The Committee recommendation includes an additional $25,000,000 for the Skyborg program and associated LCAAT efforts. The Committee directs the Secretary of the Air Force to submit a spend plan to the congressional defense committees encompassing this additional funding, as well as funding for the Skyborg and LCAAT efforts included in the underlying fiscal year 2021 budget request, not later than 90 days after the enactment of this Act. The Committee encourages the Secretary of the Air Force to pursue further prototyping of LCAAT systems consistent with this spending plan and the Skyborg effort.

AFFORDABLE MULTI-FUNCTIONAL AEROSPACE COMPOSITES

The Committee recognizes that the development of scalable and affordable multi-functional aerospace composites and nanocomposite manufacturing have great potential to contribute to improved warfighter capabilities. The Committee encourages the Secretary of the Air Force to engage in partnerships with public universities to rapidly advance scalable manufacturing of multi-functional aerospace nanocomposites.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE

Fiscal year 2020 appropriation	– – –
Fiscal year 2021 budget request	$10,327,595,000
Committee recommendation	10,187,840,000
Change from budget request	– 139,755,000

The Committee recommends an appropriation of $10,187,840,000 for Research, Development, Test and Evaluation, Space Force which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE			
	APPLIED RESEARCH			
1	SPACE TECHNOLOGY	130,874	160,874	+30,000
	TOTAL, APPLIED RESEARCH	130,874	160,874	+30,000
	COMPONENT DEVELOPMENT & PROTOTYPES			
2	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	390,704	380,704	-10,000
3	EO/IR WEATHER SYSTEMS	131,000	131,000	---
4	WEATHER SYSTEM FOLLOW-ON	83,384	83,384	---
5	SPACE SITUATION AWARENESS SYSTEM	33,359	33,359	---
6	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	142,808	151,595	+8,787
7	SPACE CONTROL TECHNOLOGY	35,575	40,575	+5,000
8	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	114,390	109,390	-5,000
9	PROTECTED TACTICAL SERVICE (PTS)	205,178	200,178	-5,000
10	EVOLVED STRATEGIC SATCOM (ESS)	71,395	71,395	---
11	SPACE RAPID CAPABILITIES OFFICE	103,518	103,518	---
11A	SPACE SECURITY AND DEFENSE PROGRAMS (SSDP)	---	56,311	+56,311
	TOTAL, COMPONENT DEVELOPMENT & PROTOTYPES	1,311,311	1,361,409	+50,098
	SYSTEM DEVELOPMENT & DEMONSTRATION			
12	GPS III FOLLOW-ON (GPS IIF)	263,496	258,496	-5,000
13	SPACE SITUATION AWARENESS OPERATIONS	41,897	46,897	+5,000
14	COUNTERSPACE SYSTEMS	54,689	54,689	---
15	WEATHER SYSTEM FOLLOW-ON	2,526	2,526	---
16	SPACE SITUATION AWARENESS SYSTEMS	173,074	158,074	-15,000
17	ADVANCED EHF MILSATCOM (SPACE)	138,257	128,257	-10,000
18	POLAR MILSATCOM (SPACE)	190,235	190,235	---
19	NEXT GENERATION OPIR	2,318,864	2,318,864	---
20	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD	560,978	560,978	---
	TOTAL, SYSTEM DEVELOPMENT & DEMONSTRATION	3,744,016	3,719,016	-25,000
	RDT&E MANAGEMENT SUPPORT			
21	SPACE TEST AND TRAINING RANGE DEVELOPMENT	20,281	20,281	---
22	ACQ WORKFORCE - SPACE & MISSILE SYSTEMS	183,930	183,930	---
23	SPACE & MISSILE SYSTEMS CENTER - MHA	9,765	9,765	---
24	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	17,993	17,993	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
24A	TACTICALLY RESPONSIVE LAUNCH	---	5,000	+5,000
25	SPACE TEST PROGRAM (STP)	26,541	26,541	---
25A	ASAF(SPACE) SYSTEM INTEGRATION	---	15,000	+15,000
	TOTAL, RDT&E MANAGEMENT SUPPORT	258,510	278,510	+20,000
26	OPERATIONAL SYSTEMS DEVELOPMENT GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,708	5,597	+1,889
27	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	247,229	222,229	-25,000
28	SATELLITE CONTROL NETWORK (SPACE)	75,480	60,480	-15,000
29	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS)	1,984	1,984	---
30	SPACE AND MISSILE TEST EVALUATION CENTER	4,397	4,397	---
31	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	44,746	39,746	-5,000
32	SPACELIFT RANGE SYSTEM (SPACE)	11,020	16,020	+5,000
33	GPS III SPACE SEGMENT	10,777	10,777	---
34	BALLISTIC MISSILE DEFENSE RADARS	28,179	28,179	---
35	NUDET DETECTION SYSTEM (SPACE)	29,157	24,157	-5,000
36	SPACE SITUATION AWARENESS OPERATIONS	44,809	40,809	-4,000
37	GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT	481,999	481,999	---
41	ENTERPRISE GROUND SERVICES	116,791	116,791	---
41A	NATIONAL SPACE DEFENSE CENTER (NSDC)	---	2,687	+2,687
41B	SPACE SUPERIORITY INTELLIGENCE (SSI)	---	16,810	+16,810
41C	NCMC - TW/AA SYSTEM	---	6,990	+6,990
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,100,276	1,079,652	-20,624
999	CLASSIFIED PROGRAMS	3,632,866	3,445,537	-187,329
42	JPSOC MISSION SYSTEM	149,742	144,742	-5,000
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-1,900	-1,900
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE	10,327,595	10,187,840	-139,755

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	SPACE TECHNOLOGY	130,874	160,874	30,000
	Program increase - thin-film photovoltaic energy		7,000	
	Program increase - hybrid space architecture		10,000	
	Program increase - resilient solar power		3,000	
	Program increase - ultra-lightweight solar arrays		5,000	
	Program increase - link-16 space experiment		5,000	
2	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	390,704	380,704	-10,000
	Inadequate justification		-10,000	
6	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	142,808	151,595	8,787
	Transfer from RDTE,AF line 74		8,787	
7	SPACE CONTROL TECHNOLOGY	35,575	40,575	5,000
	Program increase - high-thrust gridded ion engine		5,000	
8	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	114,390	109,390	-5,000
	Unjustified increase		-5,000	
9	PROTECTED TACTICAL SERVICE (PTS)	205,178	200,178	-5,000
	Unjustified increase - management services		-5,000	
11A	SPACE SECURITY AND DEFENSE PROGRAMS (SSDP)	0	56,311	56,311
	Transfer from RDTE,AF line 77		56,311	
12	GPS III FOLLOW-ON (GPS IIIF)	263,496	258,496	-5,000
	Inadequate justification		-5,000	
13	SPACE SITUATION AWARENESS OPERATIONS	41,897	46,897	5,000
	Program increase - commercial space domain awareness		5,000	
16	SPACE SITUATION AWARENESS SYSTEMS	173,074	158,074	-15,000
	Underexecution		-15,000	
17	ADVANCED EHF MILSATCOM (SPACE)	138,257	128,257	-10,000
	Program delays		-10,000	
24A	TACTICALLY RESPONSIVE LAUNCH	0	5,000	5,000
	Program increase		5,000	
25A	ASAF(SPACE) SYSTEM INTEGRATION	0	15,000	15,000
	Program increase - system engineering and planning		15,000	
26	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,708	5,597	1,889
	Transfer from RDTE,AF line 301		1,889	
27	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	247,229	222,229	-25,000
	PNVC Integrator underexecution		-15,000	
	FAB-T FET underexecution		-10,000	

R-1		Budget Request	Committee Recommended	Change from Request
28	SATELLITE CONTROL NETWORK (SPACE)	75,480	60,480	-15,000
	Underexecution		-15,000	
31	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	44,746	39,746	-5,000
	Underexecution		-5,000	
32	SPACELIFT RANGE SYSTEM (SPACE)	11,020	16,020	5,000
	Program increase - space launch services and capability		5,000	
35	NUDET DETECTION SYSTEM (SPACE)	29,157	24,157	-5,000
	Underexecution		-5,000	
36	SPACE SITUATION AWARENESS OPERATIONS	44,809	40,809	-4,000
	Inadequate justification		-4,000	
41A	NATIONAL SPACE DEFENSE CENTER (NSDC)	0	2,687	2,687
	Transfer from RDTE,AF line 316		2,687	
41B	SPACE SUPERIORITY INTELLIGENCE (SSI)	0	16,810	16,810
	Transfer from RDTE,AF line 314		16,810	
41C	NCMC - TW/AA SYSTEM	0	6,990	6,990
	Transfer from RDTE,AF line 318		6,990	
42	JSPOC MISSION SYSTEM/SPACE C2	149,742	144,742	-5,000
	Unjustified increase		-5,000	
999	CLASSIFIED PROGRAMS	3,632,866	3,445,537	-187,329
	Classified adjustment		-187,329	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		-1,900	-1,900

SPACE FORCE ORGANIZATION AND MANAGEMENT

The Committee believes the primary mission of the United States Space Force is to provide capabilities from space in support of all combatant commands, and views protecting and defending the assets operating in the space domain as a necessary, but derived, mission to assure space capabilities are available to support all combatant commands during conflict. The Committee views the Space Force investment priorities through this lens and expects the Space Force will devote more time, attention, and funding to critical support capabilities, particularly with the weather satellite program and future strategic satellite communications program.

The Committee, however, is most concerned that the Department of the Air Force has no Senate-confirmed senior civilian leader solely focused on space with authority over acquisition, budget, and long-term planning. The Committee believes this is a fundamental problem which must be addressed for the Space Force to succeed. Unlike the other Services, the Space Force budget is dominated by unique technology-driven investments and system acquisitions with research and development and procurement accounting for more than 80 percent of the Space Force budget, with only 16 percent for operations. A key challenge for the Space Force is addressing the slow pace of acquisition, accelerating the delivery of next-generation capabilities, and improving its systems engineering and programmatic discipline, particularly with respect to cost and schedule. The unique nature of space program management and systems engineering require dedicated civilian oversight and control for space programs. However, the Space Force does not yet have a dedicated Service Acquisition Executive to focus exclusively on these unique acquisition challenges. Therefore, the Committee strongly urges the Secretary of the Air Force to accelerate the transition of the Service Acquisition Executive authority to the Assistant Secretary of the Air Force for Space Acquisition and Integration and to seek a space acquisition professional to serve in this position. Further, the Committee recommendation includes $15,000,000 for use by the Assistant Secretary of the Air Force for Space Acquisition and Integration for systems engineering and planning to ensure the integration of Space Force capabilities across the national security space enterprise and user community.

Finally, the Committee is aware that the Department intends to eventually transfer space elements of the Army, Navy, and defense agencies into the Space Force. The Committee is concerned about potential disruption and unintended consequences of such transfers, and cautions that it will not be supportive of such transfers without convincing justifications that they will not adversely impact the Army, Navy, and affected defense agencies, and that the transfers are necessary to improve national security. The Committee recommendation includes a general provision directing the Secretary of Defense to provide a certification to the House and Senate Appropriations Committees not less than 60 days before making such transfers.

NEXT GENERATION OVERHEAD PERSISTENT INFRARED

The Committee recommendation fully funds the budget request of $2,318,864,000 for the Next-Generation Overhead Persistent Infrared (OPIR) program. The Committee appreciates that the fiscal year 2021 request provides sufficient funding to continue the planned program without relying on reprogramming requests as has been the case in recent years. However, the Committee continues to be concerned that the Space Force is not adequately planning and budgeting for the program over the next five years. The fiscal year 2021 budget request relies on significant realignments of funds to fix near-term budget shortfalls at the expense of increasing technical, schedule, and budget risk over the next five years, especially for the polar satellite and ground segments of the program. Further, the Committee is concerned that the decision to fund the ground segment to a level that will only deliver the minimum viable capability, with performance comparable to the legacy systems, raises questions about the return on the investments made in the Next-Generation OPIR Block 0 system and the soundness of the program plan. Therefore, the Committee directs the Director of Cost Assessment and Program Evaluation to provide the congressional defense committees, not later than 60 days after the enactment of this Act, with its most recent analyses and cost estimates for the program.

OVERHEAD PERSISTENT INFRARED ENTERPRISE ARCHITECTURE

The Department of Defense Appropriations Act, 2020 directed the Secretary of Defense to develop an integrated enterprise architecture to clearly articulate a realistic and affordable plan to meet the requirements for strategic and tactical missile warning, missile defense, battlespace awareness, and technical intelligence mission areas. The Committee reiterates its expectation that this plan will be delivered to the congressional defense committees by the September 2020 deadline.

NATIONAL SECURITY SPACE LAUNCH PROGRAM

The Committee supports the Space Force's National Security Space Launch (NSSL) program acquisition strategy and plan to award launch service procurement contracts to no more than two launch providers. This meets the statutory guidance for two launch providers for assured access to space, enables continued competition, and maximizes efficiency through economies of scale. The Committee is aware that transitioning from the legacy launch vehicles to new systems entails potential risks. Therefore, the Committee directs the Secretary of the Air Force to provide the congressional defense committees, not later than 60 days after the enactment of this Act, with a detailed transition plan on how the Space Force intends to manage program and mission risks over this transition period.

The Committee recommendation fully funds the budget request of $560,978,000 for research, development, test, and evaluation, but notes that this assumes the maximum amount needed to continue funding the current launch service agreements and is subject to revision once the source selection is made.

The Committee recommendation provides $933,271,000 for NSSL procurement, a reduction of $109,900,000. The Committee is concerned with the cost of the NSSL procurements, which account for more than 40 percent of the Space Force procurement budget. The Committee is aware that the cost of launch services has dropped significantly in recent years as a result of increased competition from new entrants, yet the requested budget does not follow this downward trend, and remains stubbornly high, raising questions about the government's cost to manage and oversee the program. The Committee believes commercial practices must remain the cornerstone of the launch program and should only incorporate mission assurance practices that improve it.

Furthermore, the Committee believes the level of detail provided in the budget justification materials for the NSSL program is lacking and needs an overhaul to provide greater consistency, clarity, and finer granularity to justify the costs of the program. Therefore, the Committee directs the Secretary of the Air Force to provide the congressional defense committees, not later than 90 days after the enactment of this Act, a plan to revamp the budget structure and improve the quality of justification materials in future budget submissions.

DIRECTED ENERGY RESEARCH COLLABORATION

The Committee supports the Department's increased focus on the threats and challenges posed by directed energy systems, including directed energy microwaves and lasers. Given the large, skilled workforce needed in this critical area in the future, the Committee encourages the Secretary of Defense to increase collaboration with universities and defense laboratories focused on directed energy research, education, testing, and technology transfer.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

Fiscal year 2020 appropriation	$25,938,027,000
Fiscal year 2021 budget request	24,280,891,000
Committee recommendation	24,617,177,000
Change from budget request	+336,286,000

The Committee recommends an appropriation of $24,617,177,000 for Research, Development, Test and Evaluation, Defense-Wide which will provide the following program in fiscal year 2021:

(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..	14,617	14,617	---
2	DEFENSE RESEARCH SCIENCES.....	479,958	479,958	---
3	BASIC RESEARCH INITIATIVES.....	35,565	67,565	+32,000
4	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....	53,730	53,730	---
5	NATIONAL DEFENSE EDUCATION PROGRAM.....	100,241	137,241	+37,000
6	HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....	30,975	81,300	+50,325
7	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	45,300	50,300	+5,000
	TOTAL, BASIC RESEARCH.....	760,386	884,711	+124,325
	APPLIED RESEARCH			
8	JOINT MUNITIONS TECHNOLOGY.....	19,409	19,409	---
9	BIOMEDICAL TECHNOLOGY.....	107,568	107,568	---
11	DEFENSE TECHNOLOGY INNOVATION.....	35,000	17,500	-17,500
12	LINCOLN LABORATORY RESEARCH PROGRAM.....	41,080	41,080	---
13	APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....	60,722	54,335	-6,387
14	INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	435,920	423,920	-12,000
15	BIOLOGICAL WARFARE DEFENSE.....	26,950	26,950	---
16	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	201,807	201,807	---
17	CYBER SECURITY RESEARCH.....	15,255	25,255	+10,000
18	TACTICAL TECHNOLOGY.....	233,271	237,271	+4,000
19	MATERIALS AND BIOLOGICAL TECHNOLOGY.....	250,107	245,107	-5,000
20	ELECTRONICS TECHNOLOGY.....	322,693	322,693	---
21	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	174,571	174,571	---
22	SOFTWARE ENGINEERING INSTITUTE.....	9,573	9,573	---
23	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	42,464	47,464	+5,000
	TOTAL, APPLIED RESEARCH.....	1,976,390	1,954,503	-21,887
	ADVANCED TECHNOLOGY DEVELOPMENT			
24	JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	22,920	22,920	---
25	SO/LIC ADVANCED DEVELOPMENT.....	4,914	4,914	---
26	COMBATING TERRORISM TECHNOLOGY SUPPORT.....	51,089	123,589	+72,500
27	FOREIGN COMPARATIVE TESTING.....	25,183	25,183	---
29	COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT	366,659	371,659	+5,000
30	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.....	14,910	19,910	+5,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
32	ADVANCED RESEARCH	18,687	23,687	+5,000
33	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,873	18,873	---
34	ADVANCED AEROSPACE SYSTEMS	230,978	223,478	-7,500
35	SPACE PROGRAMS AND TECHNOLOGY	158,439	151,439	-7,000
36	ANALYTIC ASSESSMENTS	23,775	23,775	---
37	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	36,524	36,524	---
38	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS - MHA	14,703	14,703	---
39	COMMON KILL VEHICLE TECHNOLOGY	11,058	11,058	---
40	DEFENSE MODERNIZATION AND PROTOTYPING	133,375	121,173	-12,202
42	DEFENSE INNOVATION UNIT	26,141	26,141	---
43	TECHNOLOGY INNOVATION	27,709	27,709	---
44	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	188,001	191,001	+3,000
45	RETRACT LARCH	130,283	130,283	---
46	JOINT ELECTRONIC ADVANCED TECHNOLOGY	15,164	14,164	-1,000
47	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	85,452	85,452	---
48	NETWORKED COMMUNICATIONS CAPABILITIES	5,882	4,661	-1,221
49	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	93,817	217,317	+123,500
50	MANUFACTURING TECHNOLOGY PROGRAM	40,025	60,025	+20,000
52	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	10,235	15,235	+5,000
53	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	53,862	88,862	+35,000
54	MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT	124,049	131,049	+7,000
55	JOINT WARFIGHTING PROGRAM	3,871	3,871	---
56	ADVANCED ELECTRONICS TECHNOLOGIES	95,864	95,864	---
57	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	221,724	221,724	---
58	NETWORK-CENTRIC WARFARE TECHNOLOGY	661,158	646,158	-15,000
59	SENSOR TECHNOLOGY	200,220	188,220	-12,000
60	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT	6,765	6,765	---
61	SOFTWARE ENGINEERING INSTITUTE	12,598	12,598	---
64	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	105,410	99,770	-5,640
65	TEST & EVALUATION SCIENCE & TECHNOLOGY	187,065	154,365	-32,700
66	NATIONAL SECURITY INNOVATION NETWORK	---	20,000	+20,000
67	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	---	10,000	+10,000
70	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	89,072	89,072	---
71	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT	72,422	72,422	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	3,588,876	3,805,613	+216,737
	DEMONSTRATION & VALIDATION			
72	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	32,636	32,636	---
73	WALKOFF	106,529	101,529	-5,000
75	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	61,345	77,345	+16,000
76	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	412,627	319,960	-92,667
77	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,004,305	926,305	-78,000
78	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	76,167	76,167	---
79	BALLISTIC MISSILE DEFENSE SENSORS	281,957	281,957	---
80	BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS	599,380	599,380	---
81	SPECIAL PROGRAMS - MDA	420,216	420,216	---
82	AEGIS BMD	814,936	771,336	-43,600
83	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT	593,353	593,353	---
84	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	49,560	49,560	---
85	BALLISTIC MISSILE DEFENSE INTERGRATION AND OPERATIONS CENTER (MDIOC)	55,356	55,356	---
86	REGARDING TRENCH	11,863	11,863	---
87	SEA BASED X-BAND RADAR (SBX)	118,318	118,318	---
88	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000	---
89	BALLISTIC MISSILE DEFENSE TEST	378,302	378,302	---
90	BALLISTIC MISSILE DEFENSE TARGETS	536,133	536,133	---
92	COALITION WARFARE	10,129	10,129	---
93	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G)	449,000	430,000	-19,000
94	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,325	5,325	+2,000
95	TECHNOLOGY MATURATION INITIATIVES	67,389	109,389	+42,000
98	HYPERSONIC DEFENSE	206,832	192,832	-14,000
99	ADVANCED INNOVATIVE TECHNOLOGIES	730,508	692,008	-38,500
100	TRUSTED AND ASSURED MICROELECTRONICS	489,076	504,076	+15,000
101	RAPID PROTOTYPING PROGRAM	102,023	80,000	-22,023
102	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING	13,255	13,255	---
103	DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT	2,787	2,787	---
105	HOMELAND DEFENSE RADAR-HAWAII	---	133,000	+133,000
107	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,469	3,469	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
109	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY	19,190	19,190	---
110	LONG RANGE DISCRIMINATION RADAR	137,256	137,256	---
111	IMPROVED HOMELAND DEFENSE INTERCEPTORS	664,138	504,638	-159,500
112	BMD TERMINAL DEFENSE SEGMENT TEST	7,768	7,768	---
113	AEGIS BMD TEST	170,880	139,343	-31,537
114	BALLISTIC MISSILE DEFENSE SENSOR TEST	76,456	76,456	---
115	LAND-BASED SM-3 (LBSM3)	56,628	56,628	---
116	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST	67,071	67,071	---
118	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,198	2,198	---
119	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	997	997	---
120	CYBER SECURITY INITIATIVE	1,148	1,148	---
121	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	215,994	95,994	-120,000
122	SPACE TRACKING AND SURVEILLANCE SYSTEM	34,144	34,144	---
123	BALLISTIC MISSILE DEFENSE SYSEM SPACE PROGRAMS	32,068	152,068	+120,000
	TOTAL, DEMONSTRATION & VALIDATION	9,416,712	9,120,885	-295,827
	ENGINEERING & MANUFACTURING DEVELOPMENT			
124	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	7,173	7,173	---
125A	JOINT HYPERSONICS TRANSITION OFFICE	---	90,000	+90,000
126	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	319,976	346,972	+26,996
127	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	54,985	44,318	-10,667
128	WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES	15,650	15,650	---
129	INFORMATION TECHNOLOGY DEVELOPMENT	1,441	1,441	---
130	HOMELAND PERSONNEL SECURITY INITIATIVE	7,287	7,287	---
131	DEFENSE EXPORTABILITY PROGRAM	12,928	12,928	---
132	OUSD(C) IT DEVELOPMENT INITIATIVES	10,259	10,259	---
133	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION	1,377	1,377	---
134	DCMO POLICY AND INTEGRATION	1,648	1,618	-30
135	DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM	20,537	20,537	---
136	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	1,638	1,638	---
137	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS)	5,500	5,500	---
138	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	8,279	8,279	---
139	TRUSTED & ASSURED MICROELECTRONICS	107,585	107,585	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
140	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	3,685	3,685	---
143	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)	3,275	3,275	---
144	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION	20,585	18,163	-2,422
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	603,808	707,685	+103,877
	RDT&E MANAGEMENT SUPPORT			
145	JOINT CAPABILITY EXPERIMENTATION	11,239	11,239	---
146	DEFENSE READINESS REPORTING SYSTEM (DRRS)	9,793	9,724	-69
147	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	8,497	8,497	---
148	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT	422,451	418,501	-3,950
149	ASSESSMENTS AND EVALUATIONS	18,379	18,379	---
150	MISSION SUPPORT	74,334	74,334	---
151	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	79,046	79,046	---
153	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION	50,255	50,255	---
154	USD (P) PROGRAMS	---	103,400	+103,400
155	SYSTEMS ENGINEERING	49,376	49,376	---
156	STUDIES AND ANALYSIS SUPPORT	5,777	5,777	---
157	NUCLEAR MATTERS - PHYSICAL SECURITY	16,552	13,991	-2,561
158	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	9,582	9,582	---
159	GENERAL SUPPORT TO USD (INTELLIGENCE)	1,940	7,940	+6,000
160	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	122,951	127,951	+5,000
167	SMALL BUSINESS INNOVATION RESEARCH/TECHNOLOGY TRANSFER	3,582	3,582	---
168	MAINTAINING TECHNOLOGY ADVANTAGE	29,566	29,566	---
169	DEFENSE TECHNOLOGY ANALYSIS	29,059	20,359	-8,700
170	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	59,369	57,716	-1,653
171	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	29,420	29,420	---
172	DEVELOPMENT TEST AND EVALUATION	27,198	27,198	---
173	MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT)	13,434	13,434	---
174	MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	2,837	2,837	---
175	BUDGET AND PROGRAM ASSESSMENTS	13,173	10,099	-3,074
176	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,200	3,200	---
177	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT	999	999	---
180	DEFENSE OPERATIONS SECURITY (OPSEC)	3,099	15,599	+12,500
181	JOINT STAFF ANALYTICAL SUPPORT	3,058	3,058	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
182	C4I INTEROPERABILITY	59,813	59,813	---
185	INFORMATION SYSTEMS SECURITY PROGRAM	1,112	1,112	---
186	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	545	545	---
187	DEFENSE MILITARY DECEPTION PROGRAM OFFICE	1,036	1,036	---
188	COMBINED ADVANCED APPLICATIONS	30,824	30,824	---
190	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,048	3,048	---
194	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION	31,125	31,125	---
195	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI)	100	100	---
196	MANAGEMENT HEADQUARTERS - MDA	26,902	26,902	---
197	JOINT SERVICE PROVIDER (JSP)	3,138	3,138	---
9999	CLASSIFIED PROGRAMS	41,583	41,583	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,297,392	1,404,285	+106,893
199	OPERATIONAL SYSTEMS DEVELOPMENT ENTERPRISE SECURITY SYSTEM (ESS)	14,378	14,378	---
200	JOINT ARTIFICIAL INTELLIGENCE	132,058	137,058	+5,000
201	REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC	1,986	1,986	---
202	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY	316	316	---
203	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	9,151	119,651	+110,500
204	OPERATIONAL SYSTEMS DEVELOPMENT	19,082	16,966	-2,116
205	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT	3,992	3,992	---
206	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D	39,530	39,530	---
207	PLANNING AND DECISION AID SYSTEM	3,039	3,039	---
212	DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION	16,324	16,324	---
213	LONG HAUL COMMUNICATIONS (DCS)	11,884	11,884	---
214	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	5,560	5,560	---
215	KEY MANAGEMENT INFRASTRUCTURE (KMI)	73,356	73,356	---
216	INFORMATION SYSTEMS SECURITY PROGRAM	46,577	46,577	---
217	INFORMATION SYSTEMS SECURITY PROGRAM	356,713	374,713	+18,000
218	INFORMATION SYSTEMS SECURITY PROGRAM	8,922	13,422	+4,500
219	GLOBAL COMMAND AND CONTROL SYSTEM	3,695	3,695	---
220	JOINT SPECTRUM CENTER (DEFENSE SPECTRUM ORGANIZATION)	20,113	20,113	---
223	JOINT REGIONAL SECURITY STACKS (JRSS)	9,728	9,728	---
231	SECURITY AND INVESTIGATIVE ACTIVITIES	5,700	5,700	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
235	POLICY R&D PROGRAMS	7,144	6,301	-843
236	NET CENTRICITY	21,793	21,793	---
238	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,066	6,066	---
244	INSIDER THREAT	---	3,000	+3,000
245	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,190	2,190	---
252	LOGISTICS SUPPORT ACTIVITIES	1,654	1,654	---
253	PACIFIC DISASTER CENTERS	1,785	1,785	---
254	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	7,301	7,301	---
256	MQ-9 UAV	21,265	21,265	---
258	AVIATION SYSTEMS	230,812	250,812	+20,000
259	SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	19,558	26,558	+7,000
260	SOF OPERATIONAL ENHANCEMENTS	136,041	173,041	+37,000
261	WARRIOR SYSTEMS	59,511	58,333	-1,178
262	SPECIAL PROGRAMS	10,500	7,500	-3,000
263	UNMANNED ISR	19,154	15,154	-4,000
264	SOF TACTICAL VEHICLES	9,263	14,263	+5,000
265	SOF MARITIME SYSTEMS	59,882	64,582	+4,700
266	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	4,606	4,606	---
267	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	11,612	11,612	---
268	SOF TELEPORT PROGRAM	3,239	3,239	---
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,415,480	1,619,043	+203,563
999	CLASSIFIED PROGRAMS	4,746,466	4,728,466	-18,000
269	NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM	121,676	101,676	-20,000
270	ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM	16,848	16,848	---
271	GLOBAL COMMAND AND CONTROL SYSTEM	86,750	86,750	---
272	ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS - SOFTWARE PILOT PROGRAM	250,107	205,107	-45,000
	UNDISTRIBUTED REDUCTION	---	-18,395	-18,395
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE	24,280,891	24,617,177	+336,286

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
2	DEFENSE RESEARCH SCIENCES	479,958	479,958	0
	Unjustified increase		-8,000	
	Program increase - foundational artificial intelligence		5,000	
	Program increase - alternative computing		3,000	
3	BASIC RESEARCH INITIATIVES	35,565	67,565	32,000
	Minerva research initiative funding restoration		17,000	
	Program increase - DEPSCOR		15,000	
5	NATIONAL DEFENSE EDUCATION PROGRAM	100,241	137,241	37,000
	Program increase - basic research		35,000	
	Program increase - civics education		2,000	
6	HISTORICALLY BLACK COLLEGES & UNIVERSITIES (HBCU) AND MINORITY-SERVING INSTITUTIONS	30,975	81,300	50,325
	Program increase		49,325	
	Program increase - minority STEM recruitment and research		1,000	
7	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	45,300	50,300	5,000
	Program increase - water jet technology		5,000	
11	DEFENSE TECHNOLOGY INNOVATION	35,000	17,500	-17,500
	Insufficient justification		-17,500	
13	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES	60,722	54,335	-6,387
	Excess growth		-6,387	
14	INFORMATION AND COMMUNICATIONS TECHNOLOGY	435,920	423,920	-12,000
	Unjustified increase		-12,000	
17	CYBER SECURITY RESEARCH	15,255	25,255	10,000
	Program increase - academic cyber institutes		10,000	
18	TACTICAL TECHNOLOGY	233,271	237,271	4,000
	Program increase - counter-directed energy laser eye protection research		4,000	
19	MATERIALS AND BIOLOGICAL TECHNOLOGY	250,107	245,107	-5,000
	Unjustified increase		-5,000	
23	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	42,464	47,464	5,000
	Program increase -sustained human performance and resillence		5,000	
26	COMBATING TERRORISM TECHNOLOGY SUPPORT	51,089	123,589	72,500
	Program increase - anti-tunneling		47,500	
	Program increase - cooperative C-UAS development		25,000	

R-1		Budget Request	Committee Recommended	Change from Request
29	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT	366,659	371,659	5,000
	Program increase - strategic systems defeat		5,000	
30	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	14,910	19,910	5,000
	Program increase - cybersecurity of MDA DV left and right of launch		5,000	
32	ADVANCED RESEARCH	18,687	23,687	5,000
	Program increase - adaptive-optics		5,000	
34	ADVANCED AEROSPACE SYSTEMS	230,978	223,478	-7,500
	Inadequate justification		-10,000	
	Program increase - advanced full range engine		2,500	
35	SPACE PROGRAMS AND TECHNOLOGY	158,439	151,439	-7,000
	Inadequate justification		-7,000	
40	DEFENSE MODERNIZATION AND PROTOTYPING	133,375	121,173	-12,202
	Insufficient justification		-19,702	
	Program increase - emerging capabilities technology support		7,500	
44	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT	188,001	191,001	3,000
	Program increase - high air flow chem/bio filtration system enhancement		3,000	
46	JOINT ELECTRONIC ADVANCED TECHNOLOGY	15,164	14,164	-1,000
	Excess growth		-1,000	
48	NETWORKED COMMUNICATIONS CAPABILITIES	5,882	4,661	-1,221
	Excess growth		-1,221	
49	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM	93,817	217,317	123,500
	Program increase		26,000	
	Program increase - flexible hybrid electronics		10,000	
	Program increase - high tempreture carbon composites manufacturing		7,000	
	Program increase - digital manufacturing		7,000	
	Program increase - additive manufacturing training insertion		2,000	
	Program increase - hypersonic enabling additive manufacturing		10,000	
	Program increase - advanced manufacturing		14,000	
	Program increase - hypersonics advanced manufacturing technology center		25,000	
	Program increase - 5G manufacturing testbeds		5,000	
	Program increase - advanced structural manufacturing		7,500	
	Program increase - manufacturing USA institutes		5,000	
	Program increase - HPC enabled advanced manufacturing		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
50	**MANUFACTURING TECHNOLOGY PROGRAM**	**40,025**	**60,025**	**20,000**
	Program increase - steel performance initiative		10,000	
	Program increase - supply chain adoption of additive manufacturing, automation, and robotics		10,000	
52	**GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS**	**10,235**	**15,235**	**5,000**
	Program increase - additive manufacturing castings modeling		5,000	
53	**STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM**	**53,862**	**88,862**	**35,000**
	Program increase - PFAS remediation and disposal technology		15,000	
	Program increase - AFFF replacement, disposal, and cleanup technology		15,000	
	Program increase - PFAS innovation award fund		5,000	
54	**MICROELECTRONIC TECHNOLOGY DEVELOPMENT**	**124,049**	**131,049**	**7,000**
	MGUE - DLA requested transfer from P,DW line 23		7,000	
58	**NETWORK-CENTRIC WARFARE TECHNOLOGY**	**661,158**	**646,158**	**-15,000**
	Classified project - unjustified increase		-10,000	
	Unjustified increase		-5,000	
59	**SENSOR TECHNOLOGY**	**200,220**	**188,220**	**-12,000**
	Unjustified increase		-12,000	
64	**HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM**	**105,410**	**99,770**	**-5,640**
	Excess growth		-13,140	
	Program increase - power and thermal systems		7,500	
65	**TEST & EVALUATION SCIENCE & TECHNOLOGY**	**187,065**	**154,365**	**-32,700**
	Excess growth electronic warfare test		-32,700	
66	**NATIONAL SECURITY INNOVATION NETWORK**	**0**	**20,000**	**20,000**
	Program increase		20,000	
67	**OPERATIONAL ENERGY CAPABILITY IMPROVEMENT**	**0**	**10,000**	**10,000**
	TRISO fuel production		10,000	
73	**WALKOFF**	**106,529**	**101,529**	**-5,000**
	Excess growth		-5,000	
75	**ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM**	**61,345**	**77,345**	**16,000**
	Program increase - PFAS remediation and disposal technology		15,000	
	Program increase - AFFF alternatives for shore-based aircraft hangers		1,000	

R-1		Budget Request	Committee Recommended	Change from Request
76	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	412,627	319,960	-92,667
	Unjustified growth		-92,667	
77	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,004,305	926,305	-78,000
	Inadequate justification		-78,000	
82	AEGIS BMD	814,936	771,336	-43,600
	Excess growth		-43,600	
93	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G)	449,000	430,000	-19,000
	Historical underexecution		-19,000	
94	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,325	5,325	2,000
	Program increase - military painter training and applied research		2,000	
95	TECHNOLOGY MATURATION INITIATIVES	67,389	109,389	42,000
	Program increase - DPAL		42,000	
98	HYPERSONIC DEFENSE	206,832	192,832	-14,000
	Hypersonic regional glide phase weapon system OTA contract delay		-14,000	
99	ADVANCED INNOVATIVE TECHNOLOGIES	730,508	692,008	-38,500
	Fable program adjustment		-15,000	
	Delphi program adjustment		-12,500	
	Poor funds management		-51,000	
	Program increase - mobile nuclear microreactor		40,000	
100	TRUSTED & ASSURED MICROELECTRONICS	489,076	504,076	15,000
	Program increase - GaN and GaAs RFIC technology		10,000	
	Program increase - trusted artificial intelligence		5,000	
101	RAPID PROTOTYPING PROGRAM	102,023	80,000	-22,023
	Program decrease		-22,023	
105	HOMELAND DEFENSE RADAR - HAWAII	0	133,000	133,000
	HDR-H funding restoration		133,000	
111	IMPROVED HOMELAND DEFENSE INTERCEPTORS	664,138	504,638	-159,500
	Next generation interceptor contract award delay		-159,500	
113	AEGIS BMD TEST	170,880	139,343	-31,537
	Excess growth		-31,537	
121	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	215,994	95,994	-120,000
	Hypersonic and ballistic tracking space sensor - transfer to line 123		-120,000	

R-1		Budget Request	Committee Recommended	Change from Request
123	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	32,068	152,068	120,000
	Hypersonic and ballistic tracking space sensor - transfer from line 121		120,000	
125A	JOINT HYPERSONICS TRANSITION OFFICE	0	90,000	90,000
	Program increase - Joint Hypersonics Transition Office		90,000	
126	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	319,976	346,972	26,996
	Joint vaccine for botulinum and plague vaccines funding restoration		26,996	
127	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	54,985	44,318	-10,667
	Excess growth		-10,667	
134	CMO POLICY AND INTEGRATION	1,648	1,618	-30
	Program decrease		-30	
144	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION	20,585	18,163	-2,422
	Excess growth		-2,422	
146	DEFENSE READINESS REPORTING SYSTEM (DRRS)	9,793	9,724	-69
	Program decrease		-69	
148	CENTRAL TEST & EVAL INVESTMENT DEVELOPMENT	422,451	418,501	-3,950
	Electronic warfare test excess growth		-34,150	
	Program increase - hypersonic test facilities		20,000	
	Program increase - telemetry extension SATCOM relay		5,000	
	Program increase - threat force geospatial platform virtual training environment		5,200	
154	CLASSIFIED PROGRAM USD(P)	0	103,400	103,400
	Classified adjustment		103,400	
157	NUCLEAR MATTERS - PHYSICAL SECURITY	16,552	13,991	-2,561
	Excess growth		-2,561	
159	GENERAL SUPPORT TO USD (INTELLIGENCE)	1,940	7,940	6,000
	Program increase - applied research laboratory for intelligence and security		6,000	
160	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	122,951	127,951	5,000
	Program increase - biological weapons testing		5,000	
169	DEFENSE TECHNOLOGY ANALYSIS	29,059	20,359	-8,700
	Excess growth		-8,700	
170	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	59,369	57,716	-1,653
	Program decrease		-1,653	

R-1		Budget Request	Committee Recommended	Change from Request
175	**BUDGET AND PROGRAM ASSESSMENTS**	**13,173**	**10,099**	**-3,074**
	Unjustified growth		-3,074	
180	**DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)**	**3,099**	**15,599**	**12,500**
	Program increase - cyber kinetic combat environment		12,500	
200	**JOINT ARTIFICIAL INTELLIGENCE**	**132,058**	**137,058**	**5,000**
	Program increase - commercial geospatial analytics		5,000	
203	**INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT**	**9,151**	**119,651**	**110,500**
	Program increase		15,000	
	Program increase - freeze dried plasma		10,000	
	Program increase - submarine workforce development		4,000	
	Program increase - frequency selective limiters		5,000	
	Program increase - high performance weldable armor		5,000	
	Program increase - lead-free electronics		10,000	
	Program increase - automated textile manufacturing		7,500	
	Program increase - precision optics manufacturing		4,000	
	Program increase - machine tooling and advanced manufacturing		10,000	
	Program increase - metal-organic frameworks		7,500	
	Program increase - shape memory alloys		5,000	
	Program increase - weldable ultra hard armor		4,000	
	Program increase - industrial skills		3,500	
	Program increase - pilot mask technology		10,000	
	Program increase - active matrix organic light emitting diode		5,000	
	Program increase - risk reduction for tungsten defense products		5,000	
204	**CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT**	**19,082**	**16,966**	**-2,116**
	Excess growth		-2,116	
217	**INFORMATION SYSTEMS SECURITY PROGRAM**	**356,713**	**374,713**	**18,000**
	Program increase - cyber activities at senior military colleges		18,000	
218	**INFORMATION SYSTEMS SECURITY PROGRAM**	**8,922**	**13,422**	**4,500**
	Sharkseer funding restoration		4,500	
235	**POLICY R&D PROGRAMS**	**7,144**	**6,301**	**-843**
	Program decrease		-843	
244	**INSIDER THREAT**	**0**	**3,000**	**3,000**
	Program increase - advanced background screening and detection		3,000	
258	**SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT**	**230,812**	**250,812**	**20,000**
	Program increase - Armed Overwatch		20,000	

R-1		Budget Request	Committee Recommended	Change from Request
259	SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	19,558	26,558	7,000
	Program increase - DOMEX		7,000	
260	SOF OPERATIONAL ENHANCEMENTS	136,041	173,041	37,000
	Program increase - classified adjustment		12,000	
	Program increase - AISUM		25,000	
261	WARRIOR SYSTEMS	59,511	58,333	-1,178
	MMP excess to need		-1,178	
262	SPECIAL PROGRAMS	10,500	7,500	-3,000
	Classified adjustment - excess to need		-3,000	
263	UNMANNED ISR	19,154	15,154	-4,000
	Underexecution		-4,000	
264	SOF TACTICAL VEHICLES	9,263	14,263	5,000
	Program increase - next generation combat vehicles		5,000	
265	SOF MARITIME SYSTEMS	59,882	64,582	4,700
	Underexecution		-4,000	
	Program increase - diver propulsion		4,200	
	Program increase - C3SA		4,500	
999	CLASSIFIED PROGRAMS	4,746,466	4,728,466	-18,000
	Classified adjustment		-18,000	
269	NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM	121,676	101,676	-20,000
	Insufficient justification		-20,000	
272	ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS - SOFTWARE PILOT PROGRAM	250,107	205,107	-45,000
	Excess growth		-45,000	
	UNDISTRIBUTED REDUCTION		-18,395	-18,395

HYPERSONIC AND BALLISTIC TRACKING SPACE SENSOR

Hypersonic weapons pose a serious threat to national security, which makes detecting and tracking them a top priority of the Department of Defense. The Department of Defense Appropriations Act, 2020 included $108,000,000 for the Missile Defense Agency (MDA) to begin development of the Hypersonic and Ballistic Missile Tracking Space Sensor (HBTSS) to meet the Department's requirements. However, the Committee does not support the funding and management approach proposed in the fiscal year 2021 budget request. The request does not include any funding for MDA to continue the development of the HBTSS sensor and proposes a token amount of funding for a HBTSS-derived sensor as a secondary priority in the Space Development Agency's (SDA) planned space tracking layer. While the Committee supports cooperation between MDA and SDA, the Committee disagrees with this proposed plan which prioritizes funding for SDA's other programs over HBTSS. Therefore, the Committee recommends a transfer of $120,000,000 from SDA to MDA to develop and demonstrate on-orbit the HBTSS by the end of fiscal year 2022.

The Committee recognizes this funding transfer will have a significant impact on SDA's plans for its multi-layer constellation. The Committee supports SDA's aggressive approach to rapidly develop and demonstrate space capabilities and encourages SDA to focus the $168,416,000 recommended in the bill to developing and demonstrating its proposed transport layer.

DISTRIBUTED LEDGER TECHNOLOGY RESEARCH AND DEVELOPMENT

The Committee is aware that distributed ledger technologies, such as blockchain, may have potentially useful applications for the Department of Defense, which include but are not limited to distributed computing, cybersecurity, logistics, and auditing. Therefore, the Committee encourages the Under Secretary of Defense (Research and Engineering) to consider research and development to explore the use of distributed ledger technologies for defense applications.

ARTIFICIAL INTELLIGENCE PARTNERSHIPS

The Committee is aware of the United States-Singapore partnership focusing on applying artificial intelligence in support of humanitarian assistance and disaster relief operations, which will help first responders better serve those in disaster zones. The Committee encourages the Secretary of Defense to pursue similar partnerships with additional partners in different regions, including the Middle East.

PFOS/PFOA REMEDIATION TECHNOLOGIES

The Committee remains concerned about the prevalence of PFOS/PFOA contamination on current and former domestic military installations and continues to support groundwater remediation activities undertaken by the Department. However, the Committee notes that current methods of PFOS/PFOA remediation are both costly and time consuming. As the Department continues PFOS/PFOA remediation activities, the Committee encourages the

Assistant Secretary of Defense (Energy, Installations, and Environment) to continue to explore innovative technological solutions for treating PFOS/PFOA contamination and to develop a competitive process for industry and academia to develop and utilize promising PFOS/PFOA remediation technologies to treat contaminated groundwater.

5G TELECOMMUNICATIONS TECHNOLOGY

The Committee is concerned about reports that foreign manufacturers are significantly ahead of United States companies in the development and deployment of 5G telecommunications technologies, which poses a national security risk to the United States and its allies. Without a robust domestic 5G supply chain, the United States will be vulnerable to 5G systems that facilitate cyber intrusion from hostile actors. In order to secure a reliable 5G system and a domestic supply chain that meets the national security needs of the United States and its allies, the Committee encourages the Secretary of Defense to accelerate engagement with domestic industry partners that are developing 5G systems.

Additionally, the Committee is aware of the significant investments being made in 5G efforts but is concerned with the level of detail provided for congressional oversight. The Committee directs the Under Secretary of Defense (Research and Engineering) to conduct quarterly execution briefings with the House and Senate Appropriations Committees beginning not later than 90 days after the enactment of this Act.

FULL-SCALE SPACE TEST FACILITIES

The Committee is aware that space systems provide critical capabilities essential to national security and that these systems face increasing threats from potential adversaries. The Committee understands that aggressive ground testing of space systems is crucial to gain confidence that new technologies will perform as expected before they are launched in space. However, the Committee is concerned that the nation lacks adequate space test infrastructure to meet its needs, especially facilities capable of performing full-scale system level tests.

The Committee directs the Under Secretary of Defense (Research and Engineering) to submit a report to the House and Senate Appropriations Committees not later than 120 days after the enactment of this Act that assesses the current state of existing federal, full-scale testing facilities, including those with electromagnetic interference test capability, and to provide options for investments to enhance capabilities and infrastructure necessary to meet projected needs.

CERAMIC-MATRIX COMPOSITES FOR HYPERSONICS

The Committee is encouraged by the potential of high and ultra-high temperature ceramic-matrix composites in extreme environments experienced during hypersonic flight. The Committee encourages the Under Secretary of Defense (Research and Engineering) to explore the value of these materials for Department of Defense hypersonic efforts.

GLOBAL FOOD SECURITY

The Committee encourages the Secretary of Defense, in cooperation with the Secretary of State and the Secretary of Agriculture, to conduct research to evaluate the risks and national security implications of foreign reliance and control of the United States and global food supply. The research should examine likely offensive threats and postures resulting in potential food supply disruptions, particularly in the context of great power competition, climate change, and pandemics. The research should establish methodologies and metrics to assess indications and warnings of food supply threats and recommend protocols to mitigate these threats.

CYBER EDUCATION COLLABORATIVES

The Committee remains concerned by widespread shortages in cybersecurity talent across both the public and private sector. In accordance with the recommendations of the Cyberspace Solarium Commission, the Committee encourages the Under Secretary of Defense (Research and Engineering) to direct cyber-oriented units to collaborate with local colleges and universities on research, fellowships, internships, and cooperative work experiences to expand cyber-oriented education opportunities and grow the cybersecurity workforce. The Committee also appreciates that veterans and transitioning servicemembers could serve as a valuable recruiting pool to fill gaps in the cybersecurity workforce. Accordingly, the Committee encourages the Under Secretary to prioritize collaboration with colleges and universities near military installations as well as the veteran population and state cyber ranges in executing these workforce training programs. The partnership of the Air Force Research Laboratory with the Center for Hardware and Embedded Systems Security and Trust is an example of such a collaboration and the Committee encourages the Under Secretary to continue to support such efforts.

JOINT HYPERSONICS TRANSITION OFFICE

The Committee recommendation includes $90,000,000 for the Joint Hypersonics Transition Office (JHTO) to fund applied and interdisciplinary research and workforce development to advance United States hypersonics capabilities. In fiscal year 2020, the Committee noted its concerns that the Department's expanding hypersonic research portfolio had the potential to develop proprietary systems that duplicate capabilities and increase costs. While the Committee is aware of efforts underway in the Department to develop the required integrated hypersonics science and technology roadmap and to establish a university consortium for hypersonics research and workforce development, the concerns with inefficient overlapping efforts expressed in the prior fiscal year remain. Therefore, the Committee strongly encourages the Under Secretary of Defense (Research and Engineering) to expeditiously implement the JHTO, and to seek involvement from all Department agencies and military Services with activities in hypersonics, consistent with the Inter-Service Memorandum of Agreement for Hypersonic Boost Glide Technology Development dated August 2019. The Committee believes this agreement represents the most mature approach for

a common hypersonic glide body system. Additionally, the Committee has been disappointed in the timeliness and depth of the quarterly updates provided to the Committee, and expects that the Under Secretary of Defense (Research and Engineering) will ensure that future reports are timely and complete.

MOBILE MICROREACTOR STRATEGY

The Committee supports efforts by the Department of Defense to explore new methods of power production for use in operational needs, future weapon systems, force protection, asset protection, and humanitarian and disaster response. The Committee recommendation provides $40,000,000 to support the development of a prototype mobile microreactor and $10,000,000 to support the production of fuel for the prototype.

The Committee is concerned, however, that the Department has not established an executive agent to direct the microreactor program and has not secured fuel stocks. The Committee directs the Under Secretary of Defense (Research and Engineering) to submit a report to the congressional defense committees not later than thirty days after the enactment of this Act, on the Department's plans for the mobile microreactor program. The report shall address whether the Department has identified an executive agent for mobile energy; plans to include mobile energy solutions, such as microreactors, in force modernization initiatives; the strategy for deploying microreactors, including site identification processes, fielding, personnel training, and deployment timelines; the procurement strategy to acquire feed material for microreactors; the plan to identify and use existing authorities to provide appropriate indemnities; and the status of pilot programs for microreactors, including suitable locations for pilot activities.

HIGH ENERGY LASER ENDLESS MAGAZINES

The Committee notes the investments by the Department of Defense in directed energy systems capable of countering incoming threats, including the development of systems with endless or near endless magazines to ensure capability to counter salvos or swarms of any size.

However, the Committee is concerned that while the Department of Defense has included reference to near endless magazines in its budget justification for high energy laser systems, it has not adequately defined the term in order to facilitate predictable requirements development or guide internal investment. Therefore, the Committee directs the Secretary of the Defense to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act, which details capabilities, cost, and logistical implications of endless or near endless magazines.

RAPID, ACCURATE, AND AFFORDABLE BIODETECTION SYSTEM

The Committee is encouraged by the progress of the Defense Threat Reduction Agency in developing a prototype sensor that enables real-time detection of aerosolized biological threat agents. The Committee encourages the Secretary of Defense to field these critical capabilities to Department of Defense facilities and oper-

ational commands. The Committee directs the Director of the Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act, which details efforts to fund, test, and field a reliable, cost-effective, near real-time detection/identification capability for aerosolized biological threats.

ACADEMIC HYPERSONIC RESEARCH, TEST AND EVALUATION FACILITIES

The Committee recognizes the importance of higher-education institutions in establishing high-quality test facilities and training the future workforce for the development and evaluation of hypersonic weapon platforms. The Committee encourages the Under Secretary of Defense (Research and Engineering) to partner with academia as key contributors in the research, testing and evaluation of hypersonic vehicle platforms.

ARTIFICIAL INTELLIGENCE COORDINATION

The Committee notes the widespread interest and large number of artificial intelligence projects and programs across all facets of the operations and activities of the Department of Defense. While the Committee understands that the Department believes artificial intelligence shows great promise to revolutionize and improves its operations, the Committee is concerned that there is a lack of coordination of the myriad ongoing artificial intelligence activities. Therefore, the Committee directs the Director of the Joint Artificial Intelligence Center to provide the congressional defense committees, not later than 60 days after the enactment of this Act, an inventory of all significant artificial intelligence activities in the Department, including, but not limited to, for each activity: the annual funding requested for the next five years; the source of funds identifying appropriation account, program, project, and line number; an identification of mission partners, including academia and industry; and the planned partner to whom the capability will be transitioned.

WOMEN AND MINORITIES IN STEM PIPELINE

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, particularly for women and minorities. The Committee encourages the Under Secretary of Defense (Research and Engineering) to continue these efforts by partnering with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions on research, fellowships, internships, and cooperative work experiences at defense laboratories. Additionally, the Committee encourages the Under Secretary of Defense (Research and Engineering) to collaborate with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions to build a pipeline for scientists and engineers to enter the cyber workforce upon graduation.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Fiscal year 2020 appropriation	$227,700,000
Fiscal year 2021 budget request	210,090,000
Committee recommendation	210,090,000
Change from budget request	– – –

The Committee recommends an appropriation of $210,090,000 for Operational Test and Evaluation, Defense which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATIONAL TEST AND EVALUATION	100,021	100,021	0
LIVE FIRE TESTING	70,933	70,933	0
OPERATIONAL TEST ACTIVITIES AND ANALYSIS	39,136	39,136	0
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE	210,090	210,090	0

TITLE V

REVOLVING AND MANAGEMENT FUNDS

DEFENSE WORKING CAPITAL FUNDS

Fiscal year 2020 appropriation	$1,564,211,000
Fiscal year 2021 budget request	1,348,910,000
Committee recommendation	1,348,910,000
Change from budget request	– – –

The Committee recommends an appropriation of $1,348,910,000 for the Defense Working Capital Funds accounts which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY	56,717	56,717	0
Industrial Operations	32,551	32,551	
Arsenal Supply Chain Security Pilot Program		[3,500]	
Supply Management	24,166	24,166	
WORKING CAPITAL FUND, AIR FORCE	95,712	95,712	0
WORKING CAPITAL FUND, DEFENSE-WIDE	49,821	49,821	0
DEFENSE WORKING CAPITAL FUND, DECA	1,146,660	1,146,660	0
TOTAL, DEFENSE WORKING CAPITAL FUNDS	1,348,910	1,348,910	0

ARSENAL SECURITY

The Committee believes that maintaining security, including threats from cyber-attacks, data piracy, and other technological risks, of Department of Defense arsenals is essential. The Committee directs that of the funds included under Industrial Operations, $3,500,000 is to implement efforts to combat these types of threats.

DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY WORKING CAPITAL FUND

The Committee recognizes the challenges facing the Defense Counterintelligence and Security Agency (DCSA) as it combines and assumes the roles and responsibilities of other Department of Defense and Office of Personnel Management offices and missions. While the creation of a dedicated DCSA Working Capital Fund (WCF) provides ample and necessary flexibility aimed at achieving efficiencies, the creation of such a function can also lead to mission creep—where activities not directly related to those originally intended for the WCF end up being funded with WCF receipts. The Committee believes that steps should be taken to avoid this unintended consequence and expects that obligations from the DCSA

WCF will only reimburse costs specifically associated with conducting background investigations.

The Committee directs the Under Secretary of Defense (Comptroller), in consultation with the Under Secretary of Defense (Intelligence and Security), to provide quarterly updates to the House and Senate Appropriations Committees, beginning not later than 30 days after the enactment of this Act, on the status of the DCSA WCF. These updates shall include appropriations (direct and reimbursable), obligations, and expenses by WCF line of business to and from the Fund. The first update shall also include the prior six months' historical monthly cash flow analysis by line item receipt and expense, and the first and subsequent updates shall include a prospective monthly cash flow analysis by line item receipt and expense updated on a quarterly basis.

TITLE VI

OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

Fiscal year 2020 appropriation	$34,074,119,000
Fiscal year 2021 budget request	32,690,372,000
Committee recommendation	33,297,902,000
Change from budget request	+607,530,000

The Committee recommends an appropriation of $33,297,902,000 for the Defense Health Program which will provide the following program in fiscal year 2021:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	DEFENSE HEALTH PROGRAM			
	OPERATION AND MAINTENANCE			
10	IN-HOUSE CARE	9,560,564	9,214,527	-346,037
20	PRIVATE SECTOR CARE	15,841,887	15,727,887	-114,000
30	CONSOLIDATED HEALTH SUPPORT	1,338,269	1,327,169	-11,100
40	INFORMATION MANAGEMENT	2,039,910	2,072,435	+32,525
50	MANAGEMENT ACTIVITIES	330,627	330,627	---
60	EDUCATION AND TRAINING	315,691	334,191	+18,500
70	BASE OPERATIONS/COMMUNICATIONS	1,922,605	2,155,210	+232,605
	UNDISTRIBUTED REDUCTION	---	-214,265	-214,265
	PROGRAM INCREASE - COVID RESPONSE	---	150,000	+150,000
	SUBTOTAL, OPERATION AND MAINTENANCE	31,349,553	31,097,781	-251,772
	PROCUREMENT			
150	INITIAL OUTFITTING	22,932	22,932	---
160	REPLACEMENT AND MODERNIZATION	215,618	215,618	---
170	JOINT OPERATIONAL MEDICINE INFORMATION SYSTEM	---	2,620	+2,620
180	MILITARY HEALTH SYSTEM - DESKTOP TO DATACENTER	70,872	70,872	---
180	DOD HEALTH MANAGEMENT SYSTEM MODERNIZATION	308,504	245,854	-62,650
	SUBTOTAL, PROCUREMENT	617,926	557,896	-60,030

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH DEVELOPMENT TEST AND EVALUATION			
80	RESEARCH	8,913	8,913	---
90	EXPLORATORY DEVELOPMENT	73,984	73,984	---
100	ADVANCED DEVELOPMENT	225,602	230,602	+5,000
110	DEMONSTRATION/VALIDATION	132,331	186,591	+54,260
120	ENGINEERING DEVELOPMENT	55,748	55,748	---
130	MANAGEMENT AND SUPPORT	48,672	48,672	---
140	CAPABILITIES ENHANCEMENT	17,215	17,215	---
150	UNDISTRIBUTED MEDICAL RESEARCH	---	1,020,500	+1,020,500
	SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION	562,465	1,642,225	+1,079,760
190	SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS	160,428	---	-160,428
	TOTAL, DEFENSE HEALTH PROGRAM	32,690,372	33,297,902	+607,530

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE			
IN-HOUSE CARE	**9,560,564**	**9,214,527**	**-346,037**
Medical reform implementation - excess funding to replace military medical end strength		-334,613	
Misaligned program growth		-29,539	
Dental care requirements inconsistent justification		-6,980	
Historical underexecution		-7,100	
Descoping of military treatment facilities funding restoration		36,260	
Inadequate justification		-9,065	
Program increase - telehealth for military children and families		5,000	
PRIVATE SECTOR CARE	**15,841,887**	**15,727,887**	**-114,000**
Medical reform implementation		-114,000	
CONSOLIDATED HEALTH SUPPORT	**1,338,269**	**1,327,169**	**-11,100**
Program increase - therapeutic service dog training program		11,000	
Program increase - digital hearing records		2,000	
Historical underexecution		-24,100	
INFORMATION MANAGEMENT	**2,039,910**	**2,072,435**	**32,525**
DHMSM delays		-11,475	
Transfer from JOMIS software pilot		108,548	
Excess growth IM/IT		-60,180	
JOMIS unjustified increase		-4,368	
MANAGEMENT ACTIVITIES	**330,627**	**330,627**	**0**
EDUCATION AND TRAINING	**315,691**	**334,191**	**18,500**
Program increase - Health Profession Scholarship		6,000	
Uniformed Services University of the Health Sciences funding restoration		10,000	
Program increase - specialized medical pilot program		2,500	
BASE OPERATIONS AND COMMUNICATIONS	**1,922,605**	**2,155,210**	**232,605**
FSRM funding restoration		29,505	
Program increase - FSRM		225,000	
Historical underexecution		-21,900	
UNDISTRUBUTED REDUCTION		**-214,265**	**-214,265**
PROGRAM INCREASE - COVID RESPONSE		**150,000**	**150,000**
TOTAL, OPERATION AND MAINTENANCE	**31,349,553**	**31,097,781**	**-251,772**

	Budget Request	Committee Recommended	Change from Request
PROCUREMENT			
Excess to need		-62,650	
Transfer from JOMIS Software Pilot		2,620	
TOTAL, PROCUREMENT	**617,926**	**557,896**	**-60,030**
RESEARCH AND DEVELOPMENT			
Transfer from JOMIS Software Pilot		49,260	
JOMIS excess growth		-10,000	
Program increase - NDMS medical surge pilot		15,000	
Program increase - advanced modeling and simulation		5,000	
Peer-reviewed alcohol and substance use disorders research		4,000	
Peer-reviewed ALS research		20,000	
Peer-reviewed alzheimer research		15,000	
Peer-reviewed autism research		15,000	
Peer-reviewed bone marrow failure disease research		3,000	
Peer-reviewed breast cancer research		150,000	
Peer-reviewed cancer research		110,000	
Peer-reviewed Duchenne muscular dystrophy research		10,000	
Peer-reviewed gulf war illness research		22,000	
Peer-reviewed hearing restoration research		10,000	
Peer-reviewed kidney cancer research		50,000	
Peer-reviewed lung cancer research		20,000	
Peer-reviewed lupus research		10,000	
Peer-reviewed melanoma research		20,000	
Peer-reviewed multiple sclerosis research		20,000	
Peer-reviewed orthopedic research		30,000	
Peer-reviewed ovarian cancer research		35,000	
Peer-reviewed pancreatic cancer research		10,000	
Peer-reviewed prostate cancer research		110,000	
Peer-reviewed rare cancers research		7,500	
Peer-reviewed reconstructive transplant research		12,000	
Peer-reviewed scleroderma research		5,000	
Peer-reviewed spinal cord research		40,000	
Peer-reviewed tickborne disease research		7,000	
Peer-reviewed traumatic brain injury and psychological health research		175,000	
Peer-reviewed tuberous sclerosis complex research		6,000	
Peer-reviewed vision research		20,000	
Global HIV/AIDS prevention		8,000	
HIV/AIDS program increase		16,000	
Joint warfighter medical research		40,000	
Trauma clinical research program		10,000	
Combat readiness medical research		10,000	
TOTAL, RESEARCH AND DEVELOPMENT	**562,465**	**1,642,225**	**1,079,760**
JOMIS - SOFTWARE PILOT PROGRAM	**160,428**	**0**	**-160,428**
JOMIS software pilot - transfer to appropriate lines		-160,428	

REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

(INCLUDING BASE AND OVERSEAS CONTINGENCY OPERATIONS FUNDING)

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 budget sub-activity continues to be designated as a congressional special interest item. Any transfer of funds from the In-House Care budget sub-activity into the Private Sector Care budget sub-activity or any other budget sub-activity 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 (Health Affairs) to provide quarterly reports to the congressional defense committees on budget execution data for all Defense Health Program budget activities and to adequately reflect changes to the budget activities requested by the Services in future budget submissions. These reports should also be provided to the Government Accountability Office.

CARRYOVER

For fiscal year 2021, 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 (Health Affairs) to submit a detailed spending plan for any fiscal year 2020 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

PEER-REVIEWED CANCER RESEARCH PROGRAMS

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, $35,000,000 for the peer-reviewed ovarian cancer research program, $50,000,000 for the peer-reviewed kidney cancer research program, $20,000,000 for the peer-reviewed lung cancer research program, $10,000,000 for the peer-reviewed pancreatic cancer research program, $7,500,000 for the peer-reviewed rare cancer research program, and $110,000,000 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: cancers associated with the use of beryllium, bladder cancer, blood cancers, brain cancer, colorectal cancer, endometrial cancer, esophageal cancer, germ cell cancers, head and neck cancer, liver cancer, lymphoma, melanoma and other skin cancers, mesothelioma, metastatic cancers, neuroblastoma, pediatric brain tumors, sarcoma, stomach cancer, thyroid cancer, the link between scleroderma and cancer, and cancer in children, adolescents, and young adults. 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 (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 Commanding General, United States Army Medical Research and Development Command, 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 $40,000,000 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 (Health Affairs) to submit a report not later than 180 days after the enact-

ment 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 $10,000,000 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 (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; repairing or restoring damaged or missing genitourinary organs and tissue; freeze dried plasma and platelets; portable neurological devices in support of mild traumatic brain injury assessment; ruggedized oxygen generation systems; medical simulation technology; sleep disorders; Myalgic Encephalomyelitis/Chronic Fatigue Syndrome; preventing and relieving service-related arthritis; telemedicine; and infectious diseases.

Additionally, the Committee is concerned with the lack of standardization in the delivery of the Joint Trauma System Tactical Combat Casualty Care (TCCC) curriculum. The Committee directs the Director of the Defense Health Agency, in coordination with the Service Surgeons General, not later than 120 days after the enactment of this Act, to provide a briefing to the congressional defense committees on the coordination between the Defense Health Agency and the Services to ensure the curriculum is taught by qualified personnel; the plan to validate that TCCC training is standard across the Services; the impact of expanding TCCC on the Services' readiness training; and the funding requirements for the Services to support the delivery of the TCCC curriculum.

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.

The Committee acknowledges that the response to COVID–19 has superseded many planned efforts in the Military Health System, including the deployment of the Department of Defense's electronic health record system, MHS GENESIS. As sustainment continues at sites where MHS GENESIS is currently operating, delays

in future deployments are expected. Though the Department of Defense had been making strides in its deployment, with the shift in focus to COVID–19 response the Committee understands that there will be several factors that will contribute to the system being successfully implemented.

One factor is the need to improve informational technology and related infrastructure prior to deployment of the electronic health record system. 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.

Another critical factor in the success of deployments will be the quality of training for users of the system. The Committee directs the Director, Operational Test and Evaluation to conduct an evaluation of change management strategies and training programs related to the deployment of MHS GENESIS and provide a briefing to the House and Senate Appropriations Subcommittees not later than 90 days after the enactment of this Act on related findings and recommendations for improvement.

The Committee continues to direct the Comptroller General to perform quarterly performance reviews of the Department of Defense electronic health record deployment so that the Committee can further monitor implementation of the system and whether it is meeting predicted costs.

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 Program Executive Office (PEO) for Defense Healthcare Management Systems (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 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.

MILITARY HEALTH SYSTEM TRANSFORMATION

The Committee remains concerned with the implementation of medical restructuring mandated by the National Defense Authorization Act for Fiscal Year 2017. The restructuring represents the most significant changes to the military health system in decades, and the Committee believes it is critical to implement the restructuring in such a way that minimizes risk for servicemembers and beneficiaries.

Prior to implementation, both medical readiness and healthcare benefits were intertwined, managed by the Service Surgeons General. Under that model, there was no separation between benefits and readiness, and the Services had a holistic picture in treating servicemembers and their families. The Committee has followed implementation efforts of the restructuring closely, 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.

The impact of these changes on servicemembers and eligible beneficiaries is important. It is unclear whether readiness levels or healthcare benefits will be negatively affected. The future is uncertain due to COVID–19 and the Committee acknowledges the difficulty in predicting how beneficiaries' behaviors may change in the near or long term and also understands the challenges in assessing the impact on mental health and medical care professions in both the direct care and private sector care settings, as a result of the virus. Important questions remain about each aspect of the implementation, and the Committee is unsatisfied with the Department's inadequate responses to Committee inquiries.

Additionally, in order to start accounting for the funding and details related to medical readiness and healthcare benefits, Congress directed the Secretary of Defense, in coordination with the Service Secretaries and the Assistant Secretary of Defense (Health Affairs), to submit separate annual budget justification materials for readiness related care and healthcare benefits beginning with the fiscal year 2021 budget submission. In the fiscal year 2021 budget request, medical readiness was budgeted for in the Services' operation and maintenance accounts, while the operating budgets of the military treatment facilities and healthcare benefits were budgeted for in the Defense Health Program account. Separating medical readiness from the benefit was not seamless, and what was submitted was a Defense Health Program budget that transferred $1,891,488,000 to Service medical readiness activities and the Services' operation and maintenance budgets that struggled to provide the level of detail that the Committee requires to evaluate these activities. Therefore, the Committee expects the fiscal year 2022 budget request submission to provide greater detail for medical readiness efforts, as detailed under the "Reporting on Medical Readiness" heading in this title of the report.

DESCOPING MILITARY TREATMENT FACILITIES

The Committee notes that the report required by section 703 of the National Defense Authorization Act for Fiscal Year 2017 was submitted to Congress on February 19, 2020. After a review of the military treatment facilities that met screening and evaluation criteria, 50 were identified for a change of scope, while an additional six await a final decision. In the majority of the 50 military treatment facilities, healthcare services would be reduced or eliminated, and, in many cases, non-servicemember beneficiaries would have to find new providers in the TRICARE network. The Committee questions several of the assumptions made about the quality and acces-

sibility of private sector care, the cost of changing the venue of care, and the relationship to other restructuring efforts, such as reducing the number of military medical billets. The Committee is also concerned with the Department's approach in responding to this provision, which was not a de-facto medical base realignment and closure process. Congress must be a partner in these decisions going forward.

The Committee directs the Assistant Secretary of Defense (Health Affairs), in coordination with the Director of the Defense Health Agency and the Service Surgeons General, to brief the congressional defense committees on the implementation plan prior to the obligation of funds in fiscal year 2021 to close or descope any military treatment facilities, including an update to the market analysis conducted, cost implications, timeline, impact on providers, and benefits or risks to the served population.

REDUCTION OF MILITARY BILLETS

The fiscal year 2020 budget request included a proposal to decrease medical billets for the Services to increase the number of operational billets needed for lethality. Reductions would have major ramifications throughout the military health system, yet leaders across the Department of Defense have been ill-prepared to articulate the consequences of these reductions.

In order to mitigate potential access to care issues caused by the reduction of military providers, the Department requested $250,000,000 in the fiscal year 2020 budget that was not adequately justified, and therefore Congress did not appropriate the requested funds. Despite requests for additional information, the Committee still has not been provided with a detailed mitigation plan for beneficiary care or medical readiness. Serious questions remain about the quality and availability of care for beneficiaries, as well as the negative impact on readiness that may be caused by an unnecessary reduction of military medical providers. As a result, the Committee is disappointed that the fiscal year 2021 budget request includes an increase of $334,613,000 with wholly insufficient detail to evaluate the request, and therefore denies the request.

Additionally, with lessons learned about the capacity and capability of both military and civilian medical care in the shadow of the novel coronavirus pandemic, the Committee expects the Secretary of Defense, the Service Secretaries, and the Service Surgeons General will reevaluate the military medical personnel required to respond to all operational requirements, including in support of the homeland defense mission. The Committee directs the Assistant Secretary of Defense (Health Affairs), in coordination with the Service Secretaries, the Chairman of the Joint Chiefs of Staff, and the Director of Cost Assessment and Program Evaluation to brief the congressional defense committees on the Department's reevaluation plan not later than 120 days after the enactment of this Act.

REPORTING ON MEDICAL READINESS

In the fiscal year 2021 budget request, military medical readiness funding and activities transferred from the Defense Health Program budget into the Services' operation and maintenance and

research, development, test and evaluation accounts. In the Department of Defense Appropriations Act, 2020, the Department was directed to provide separate budget justification for medical readiness and the healthcare benefit; it was not the intent of the Committee to lose the ability to locate and evaluate medical funding across the Department in a meaningful or detailed way.

The Committee notes its concern with the level of justification provided for the $1,891,488,000 that transferred from the Defense Health Program to the Services' operation and maintenance accounts for medical readiness, and while the Committee is supportive of the military departments' ability to better manage and plan for readiness requirements holistically, the Services must provide adequate details for congressional oversight. Therefore, the Committee directs the Service Secretaries to account for medical readiness activities in financial management systems and to submit a quarterly report on the execution of medical readiness activities. The reports shall be consolidated and submitted with the Defense Health Program quarterly reports. Additionally, the Committee directs the Under Secretary of Defense (Comptroller), in coordination with the Service Secretaries, Assistant Secretary of Defense (Health Affairs), and the Director of the Defense Health Agency, to submit a comprehensive, consolidated, and detailed Unified Medical Budget exhibit with the Defense Health Program budget justification material for fiscal year 2022, and to provide a proposal for the exhibit to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act.

METASTATIC CANCER RESEARCH

While recent research has revealed that there is a genetic basis for susceptibility to metastatic cancer or resistance to metastasis, more research is required to develop a comprehensive understanding of this complex process. Clinical trials are an important aspect of that progress, and diverse representation of patients in clinical trials is integral to the development of medications and therapies that effectively treat disease. Ethnicity, gender, age and genetics all play a role in the safety and efficacy of a treatment for an individual. Therefore, as recommended in April 2018 by the Task Force Report to Congress on Metastatic Cancer, the Committee encourages the Director, Congressionally Directed Medical Research Program to partner with outside experts and other federal agencies, as appropriate, to achieve representation of the demographics of the United States population in these trials.

PANCREATIC CANCER EARLY DETECTION

The Committee recommendation includes $10,000,000 for pancreatic cancer research. Despite being the third leading cause of cancer-related death in the United States, early detection of pancreatic cancer requires additional research. The Committee encourages the Director, Congressionally Directed Medical Research Program, to expand early detection research for pancreatic cancer, to include the prevalence in pre-diabetic and diabetic individuals, as well as those in underserved ethnic and minority communities.

ALCOHOL AND SUBSTANCE USE DISORDERS

The Committee recognizes the ongoing threat posed to warfighters and the general public by the opioid epidemic. Those who may develop an opioid dependency following an injury generally struggle with addiction, or those servicemembers who have family members that struggle with addiction are often not positioned to dedicate themselves entirely to the required military mission. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to prioritize congressionally directed medical research on substance use disorders aimed at reducing the overall number of opioid-related overdose deaths.

MAINTAINING A HIGHLY-SKILLED WORKFORCE IN MEDICAL RESEARCH

As the Administration implements a government-wide response to COVID–19, the disease caused by the novel coronavirus, the Committee encourages the Assistant Secretary of Defense (Health Affairs), the Director of the Defense Health Agency, and the Commander of Army Futures Command to prioritize maintaining a strong workforce of highly-skilled scientists and researchers vital to conducting the medical research necessary to protect warfighters and contribute to the nation-wide response to this and future pandemics.

SEXUAL ASSAULT AND POST-TRAUMATIC STRESS DISORDER

The Committee believes that providing servicemembers access to outpatient programs designed to treat individuals suffering from post-traumatic stress disorder (PTSD) resulting from sexual assault trauma could improve outcomes received for military sexual assault survivors experiencing PTSD. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to collaborate with research institutions currently investigating treatment strategies for PTSD resulting from sexual trauma.

TRAUMATIC BRAIN INJURY

The Committee recognizes that traumatic brain injury (TBI), including mild-TBI and concussion, continues to be a significant health issue affecting servicemembers both in training and during combat operations. More than 402,000 brain injuries have occurred since the beginning of operations in Afghanistan and Iraq. Most recently, the attack at Ayn al Asad Air Base in Iraq impacted more than 109 servicemembers. While the Committee recommendation includes $175,000,000 to continue research on traumatic brain injury and psychological health, the Committee believes additional efforts would help advance the understanding of TBI injuries sustained by servicemembers.

The Committee believes the Department should have better metrics and data on military personnel prior to the possibility of injury in training or combat. Therefore, the Committee directs the Assistant Secretary of Defense (Health Affairs), in coordination with the Director of the Defense Health Agency, and the Service Surgeons General, to develop a cost analysis plan for conducting uniform traumatic brain injury baseline testing for all new recruits across each military Service. The plan shall provide for a screening

program for any already-existing traumatic brain injuries which shall inform healthcare professionals should a servicemember be subject to any circumstances in the future that might result in a traumatic brain injury. The Committee directs the Assistant Secretary of Defense (Health Affairs) to submit a report on its plan to the congressional defense committees not later than 180 days after the enactment of this Act.

For injuries experienced during training or operations, the Committee is encouraged by research and development initiatives to advance expeditionary, non-invasive medical devices for analyzing the full spectrum of traumatic brain injuries that have received clearance by the Food and Drug Administration. Portable devices capable of rapidly providing a comprehensive and objective clinical picture should be fully utilized to effectively enable clinicians to identify the full spectrum of brain injuries immediately after injury. The Committee encourages the Assistant Secretary of Defense (Health Affairs) and the Service Surgeons General to deploy mild-TBI/concussion multi-modal diagnostic devices in support of both readiness and beneficiary care.

Additionally, the Committee recognizes efforts by the Department of Defense to leverage partnerships with academia and the private sector to understand and improve prevention and treatment of traumatic brain injuries for servicemembers and cadets at the United States military academies. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to continue to leverage partnerships with academia and the private sector to support long-term studies of traumatic brain injuries to gain a deeper understanding, including at the cellular level through efforts such as the PANTHER program, of concussive injuries, including how they impact the brain, how and to what extent the brain recovers, and how prevention and treatment methods may be improved.

Lastly, the Committee is supportive of ongoing research examining the increased risk of certain conditions after an individual experiences TBI. The Committee is aware of research into the relationship between traumatic brain injury and neurodegenerative diseases, such as chronic traumatic encephalopathy and Parkinson's disease, and encourages the Assistant Secretary of Defense (Health Affairs) to continue to invest in research and development efforts aimed at halting the neurodegenerative processes that follow traumatic brain injury.

NATIONWIDE CANCER RESEARCH AT THE CANCER CENTER AT WALTER REED NATIONAL MILITARY MEDICAL CENTER

The Committee commends the Assistant Secretary of Defense (Health Affairs) for continuing to support the John P. Murtha Cancer Center Research Program of the Uniformed Services University of the Health Sciences and at the Walter Reed National Military Medical Center in its partnership with the Oncology Research Information Exchange Network (ORIEN). This partnership enables the Murtha Cancer Center Research Program to collaborate with eighteen major academic cancer centers to improve outcomes for servicemembers with cancer. The ORIEN protocol is now being implemented at Walter Reed, with the potential to expand to other facilities in the military health system. The Committee encourages

the Assistant Secretary of Defense (Health Affairs) to support this program.

SLEEP DISORDERS

The Committee notes the leadership of the National Institute of Neurological Disorders and Stroke (NINDS) in advancing research into under-represented sleep disorders, such as narcolepsy and restless leg syndrome. The Committee encourages the Director of the Defense Health Agency to work with NINDS to bolster these activities and advance initiatives that advance scientific understanding of sleep disorders impacting servicemembers.

TRICARE PRIME AVAILABILITY

The Committee directs the Assistant Secretary of Defense (Health Affairs) to review the feasibility of TRICARE Prime being made available to eligible Department of Defense beneficiaries across all states and territories and to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act.

MENTAL HEALTH PROFESSIONALS

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. The Committee directs the Assistant Secretary of Defense (Health Affairs), in coordination with the Service Surgeons General, to brief the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act on an assessment of eligible beneficiaries' demand for behavioral health services, including services provided through telehealth, and funding required to adequately recruit and retain behavioral health professionals required to meet such demand. The assessment shall include a review of tools, such as pay grade increases, use of special and incentive pays, and the pipeline development of increasing the number of professionals in this field through scholarships or programs through the Uniformed Services University.

ARMED FORCES RETIREMENT HOMES AND THE DEFENSE HEALTH AGENCY

The Committee notes the important role that the military health system plays for the care of the military retiree population, especially those living in the two Armed Forces Retirement Homes. As the Defense Health Agency continues to make recommendations for the rescoping of certain military treatment facilities, the Committee encourages the Director of the Defense Health Agency to take necessary steps to ensure in-patient care is available at a military treatment facility within 20 miles of each Armed Forces Retirement Home.

OUTDOOR RECREATION FOR MILITARY FAMILIES

The Committee honors the service and sacrifice of military spouses and their children and recognizes the psychological and

emotional stress placed on families of servicemembers. Research shows children of military parents who have deployed are more likely than civilian peers to have a behavioral health diagnosis. It is a priority of the Committee to support the physical, emotional, and psychological health of military families. The Committee also recognizes the wellness and health benefits of organized outdoor recreation and education activities for the children of military parents.

PEER-REVIEWED TICKBORNE DISEASE RESEARCH

The Committee encourages the Director of the Congressionally Directed Medical Research Program to prioritize research on Lyme disease by including additional Lyme disease experts on its tickborne disease programmatic panel. Doctors and researchers with experience in chronic Lyme issues should be considered for inclusion on the panel and the scientific review panel to ensure the burden of Lyme disease is appropriately addressed.

BIOREPOSITORIES

The Committee is encouraged by efforts within the medical research community to better understand chronic diseases through biorepositories which store and catalogue medical tissue for scientific understanding. Collecting and cataloguing samples from a diverse population allows the medical community to perform research into health disparities in those populations. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to adequately resource efforts to increase the number of samples collected from a diverse population.

GLOBAL HEALTH SECURITY PREPAREDNESS

The Committee continues to support Department of Defense contributions to biosecurity and the global health security agenda. The Department possesses unique capabilities that contribute to interagency efforts to prevent, detect, and respond to outbreaks of infectious disease worldwide. Response to global public health threats such as pandemic influenza, Ebola, and COVID–19 requires a robust national approach across all federal agencies and private partners. The Committee directs the Secretary of Defense to brief the House and Senate Appropriations Committees, not later than 120 days after the enactment of this Act, on the Department's efforts to collaborate with federal agencies and private partners to ensure the United States is prepared to respond to the next infectious disease outbreak.

SERVICEMEMBERS AND VETERANS WITH AMYOTROPHIC LATERAL SCLEROSIS

The Committee directs the Assistant Secretary of Defense (Health Affairs), in coordination with the Secretary of the Department of Veterans Affairs, to submit a report to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the costs to each Department to treat servicemembers and veterans with Amyotrophic Lateral Sclerosis.

TRAUMATIC INJURY

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 have value 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 (Health Affairs) to explore research into such technologies to offset the effects of limb amputation, orthopedic injury and disease, and other neurodegenerative diseases.

NATIONAL DISASTER MEDICAL SYSTEM PILOT

The Committee is concerned with the fracturing of the military health system and its primary focus of readiness and survivability of servicemembers in combat operations. While this fundamental cornerstone of defense health is undisputed, the Committee is concerned that not enough attention has been placed on medical capabilities and capacity required for the homeland defense mission.

Section 740 of the National Defense Authorization Act for Fiscal Year 2020 authorized a pilot program on civilian and military partnerships to enhance interoperability and medical surge capability and capacity of the National Disaster Medical System (NDMS). The Committee recommendation includes additional funds in fiscal year 2021 to accelerate this pilot program, and directs that the first location selected for inclusion in the pilot program is underway not later than 180 days after the enactment of this Act. The Committee directs the Secretary of Defense to work collaboratively with members of the NDMS and selected private partners to accelerate the planning and execution of the pilot programs. Funds provided shall support the work of the agencies in the NDMS and include an allocation to private partners to assure they can move quickly to achieve the determined goals of Section 740.

The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act on a description of the pilot program, including partnerships established and evaluation metrics. The report shall also include a threat assessment of the most likely homeland defense scenarios requiring medical surge capability and capacity; an evaluation of departmental resources that are most likely to be required in response, and projected shortages of equipment, supplies, or personnel; how the NDMS could be better leveraged in future emergencies; current and projected medical surge plans; and a detailed cost estimate for the Department to plan, prepare for or respond to the most likely emergencies requiring medical surge capability and capacity. The Committee further expects the fiscal year 2022 budget submission to include sufficient funding for the pilot program.

COLLABORATION WITH MINORITY SERVING HEALTH INSTITUTIONS

The Committee encourages the Assistant Secretary of Defense (Health Affairs) to work collaboratively in the health research field with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Fiscal year 2020 appropriation	$985,499,000
Fiscal year 2021 budget request	889,500,000
Committee recommendation	889,500,000
Change from budget request	– – –

The Committee recommends an appropriation of $889,500,000 for Chemical Agents and Munitions Destruction, Defense which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	106,691	106,691	0
PROCUREMENT	616	616	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	782,193	782,193	0
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	889,500	889,500	0

DRUG-INTERDICTION AND COUNTER DRUG ACTIVITIES, DEFENSE

Fiscal year 2020 appropriation	$893,059,000
Fiscal year 2021 budget request	769,629,000
Committee recommendation	746,223,000
Change from budget request	−23,406,000

The Committee recommends an appropriation of $746,223,000 for Drug Interdiction and Counter-Drug Activities, Defense which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COUNTER-NARCOTICS SUPPORT	546,203	421,029	−125,174
Transfer to National Guard Counter-Drug Program		−31,768	
Transfer to International Security Cooperation Programs		−26,006	
Program decrease—no continuation of projects reduced in fiscal year 2020 for southwest border barrier construction		−47,400	
Program decrease—southwest border barrier construction		−20,000	
DRUG DEMAND REDUCTION PROGRAM	123,704	123,704	0
NATIONAL GUARD COUNTER-DRUG PROGRAM	94,211	195,979	101,768
Transfer from Counter-Narcotics Support		31,768	
Program increase		70,000	
NATIONAL GUARD COUNTER-DRUG SCHOOLS	5,511	5,511	0
TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	769,629	746,223	−23,406

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES

The Committee recommendation includes $421,029,000 for Counter-Narcotics Support, which supports the counter-narcotics activities of United States Northern Command and United States Southern Command, including the Joint Interagency Task Force South. The Committee also supports the provision of intelligence, surveillance, and reconnaissance assets to these combatant commands to support their counter-drug operations.

The Committee recommendation transfers $31,768,000 from Counter-Narcotics Support to the National Guard Counter-Drug Program. The Committee recommendation also transfers $26,006,000 requested for international programs under Counter-Narcotics Support to International Security Cooperation Programs managed by the Defense Security Cooperation Agency to build the capacity of countries in the Northern Command and Southern Command areas of responsibility to counter illicit drug trafficking. The budget request for fiscal year 2022 should request funding for these programs in a manner similar to the Committee recommendation for this fiscal year.

The Committee is concerned with the misrepresentation by the Department of Defense regarding the purposes for which funds were requested under this heading in fiscal year 2020. The Department of Defense has reallocated $47,400,000 from Counter-Narcotics Support for activities that were neither requested by the Department nor appropriated by Congress, namely to fund southwest border barrier construction. Such actions deny the Committee its constitutional and oversight responsibilities and the Committee recommendation for fiscal year 2021 does not continue funding programs that were reduced as a result of the Department's actions.

The Committee is also concerned with the proper management of funds appropriated under this heading. The Committee understands that the Department of Defense delayed transfers from this account to other appropriations for months while estimates for border construction were being developed. In lieu of the intended source, other appropriations were used to implement programs normally funded under this heading. The Committee expects the Secretary of Defense to ensure that funding provided under this heading is properly managed and executed in a timely manner.

The Committee recommendation does not include the $20,000,000 requested in fiscal year 2021 for southwest border barrier construction, and section 8134 prohibits funds in this Act from being used for that purpose. Moreover, section 8135 of the Act returns any unobligated funds, which were transferred by the Department of Defense on February 13, 2020 for southwest border barrier constriction, to their original accounts to be used for the original purposes for which they were appropriated by Congress.

The Committee recognizes the important role of the National Guard Counter-Drug program in assisting local and state agencies in addressing national drug-related challenges. The Committee encourages the administrators of the National Guard Counter-Drug program to continue their coordination with communities, regions, and other organizations to help alleviate the national drug problem. The Committee notes the recommendations contained in Gov-

ernment Accountability Office report 19–27 and encourages the Chief of the National Guard Bureau to issue guidance on the operation and administration of the National Guard Counterdrug Program in order to improve program performance.

OFFICE OF THE INSPECTOR GENERAL

Fiscal year 2020 appropriation	$363,499,000
Fiscal year 2021 budget request	371,439,000
Committee recommendation	387,696,000
Change from budget request	+16,257,000

The Committee recommends an appropriation of $387,696,000 for the Office of the Inspector General which will provide the following program in fiscal year 2021:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	369,483	385,740	16,257
Program increase—oversight of PL 116–136 funding		16,257	
PROCUREMENT	858	858	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	1,098	1,098	0
TOTAL, OFFICE OF THE INSPECTOR GENERAL	371,439	387,696	16,257

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, 2021.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

Fiscal year 2020 appropriation	$514,000,000
Fiscal year 2021 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 2020 appropriation	$556,000,000
Fiscal year 2021 budget request	663,000,000
Committee recommendation	619,728,000
Change from budget request	−43,272,000

The Committee recommends an appropriation of $619,728,000 for the Intelligence Community Management Account.

TITLE VIII

GENERAL PROVISIONS

Title VIII of the accompanying bill includes 139 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 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 has been amended and provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

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

Section 8009 provides that none of the funds appropriated in this Act may be used to initiate a special access program without prior notification to the congressional defense committees.

Section 8010 provides limitations and conditions on the use of funds made available in this Act to initiate multiyear procurement contracts.

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

Section 8012 has been amended and 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.

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 has been amended and 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 has been amended and provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Section 8021 provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Section 8022 provides for the obligation of funds for purposes specified in section 2350j(c) of title 10, United States Code, in anticipation of receipt of contributions from the Government of Kuwait.

Section 8023 is new and requires notification of the receipt of contributions from foreign governments.

Section 8024 has been amended and provides funding for the Civil Air Patrol Corporation.

Section 8025 has been amended and 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.

Section 8026 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 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 provides for competitions between private firms and Department of Defense depot maintenance activities.

Section 8029 has been amended and provides for the revocation of blanket waivers of the Buy American Act.

Section 8030 provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Section 8031 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Section 8032 provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than $250,000.

Section 8033 has been amended and provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Section 8034 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Section 8035 has been amended and prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8036 has been amended and 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 8037 provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Section 8038 requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

Section 8039 places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8040 places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

(RESCISSIONS)

Section 8041 has been amended and provides for the rescission of $2,491,100,000 from the following programs:

2019 Appropriations:	
Procurement of Weapons and Tracked Combat Vehicles, Army:	
Bradley program mods	$14,250,000
Other Procurement, Army:	
Family of weapon sights	12,953,000
Aircraft Procurement, Navy:	
MQ 4 Triton AP	7,983,000
Other Procurement, Navy:	
Aircraft support equipment	2,226,000
Aircraft Procurement, Air Force:	
B–52 1760 IWBU	14,100,000
C–135B	125,000,000
Combat Rescue Helicopter	25,000,000
MC–130J recap	41,124,000
RQ–4 mods	12,200,000
RQ–4 post-production support	17,100,000
RQ–4 spares	2,100,000
Other Procurement, Air Force:	
Classified	12,400,000
2020 Appropriations:	
Operation and Maintenance, Defense-Wide:	
Defense Security Cooperation Account	20,000,000
Procurement of Weapons and Tracked Combat Vehicles, Army:	
Armored multipurpose vehicle	87,840,000
Bradley program mods	6,000,000
Other Procurement, Army:	
Spider family of networked munitions	10,878,000

Aircraft Procurement, Navy:	
Joint Strike Fighter STOVL AP	83,185,000
CH–53K field activities	13,315,000
CH–53K (Heavy Lift) AP	53,753,000
P–8A Poseidon	77,600,000
Advanced helicopter training system	56,071,000
KC–130J	14,878,000
MQ–4 Triton AP	10,070,000
F–18 series	42,137,000
Shipbuilding and Conversion, Navy:	
CVN Refueling Overhauls	13,100,000
TAO Fleet Oiler AP	73,000,000
Other Procurement, Navy:	
CG modernization	22,920,000
LSD midlife and modernization	28,000,000
Aviation support equipment	10,000,000
Procurement, Marine Corps:	
Modification kits	20,139,000
Ground air/task oriented radar	13,400,000
Aircraft Procurement, Air Force:	
C–130 AMP 1	4,700,000
C–17 BLOS	4,800,000
C–5 CNS/ATM	7,900,000
Combat Rescue Helicopter	65,000,000
E–11 BACN Gateway UON	43,000,000
KC–46	209,588,000
MC–130J recap	79,874,000
RQ–4 post-production support	23,896,000
RQ–4 spares	700,000
Missile Procurement, Air Force:	
ALCM	19,500,000
ICBM fuze mod	5,000,000
Other Procurement, Air Force:	
GCSS–AF FOS (LOGIT)	11,226,000
Research, Development, Test and Evaluation, Army:	
Indirect fire protection capability inc 2 block 1	74,286,000
Mobile medium range missile	5,000,000
Improved turbine engine program	49,527,000
Manned ground vehicle	130,415,000
Long range precision fires	51,394,000
Research, Development, Test and Evaluation, Navy:	
New design SSN	70,000,000
Research, Development, Test and Evaluation, Air Force:	
ALCM	6,000,000
Arms control implementation	33,448,000
B–52 ATP display	3,000,000
B–52 CERP	10,000,000
B–52 RMP	5,800,000
Combat Rescue Helicopter	30,000,000
Hypersonics prototyping	115,000,000
KC–46	16,093,000
Research, Development, Test and Evaluation, Defense-Wide:	
Ballistic missile defense enabling programs	2,031,000
BMD targets	300,000
Technology maturation initiatives	6,400,000
Hypersonic defense	12,500,000
Improved homeland defense interceptors	302,000,000
Defense Working Capital Fund:	
Defense Counter-Intelligence and Security Agency Working Capital Fund	150,000,000

Section 8042 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 8043 has been amended and prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8044 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 8045 prohibits the transfer of Department of Defense and Central Intelligence Agencies drug interdiction and counter-drug activities funds to other agencies.

Section 8046 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 8047 has been amended and provides funding for Red Cross and United Services Organization grants.

Section 8048 prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

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

Section 8050 prohibits funding from being used for contractor bonuses being paid due to business restructuring.

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

Section 8052 has been amended and provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Section 8053 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8054 has been amended and provides funding for Sexual Assault Prevention and Response Programs.

Section 8055 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 8056 provides for a waiver of "Buy American" provisions for certain cooperative programs.

Section 8057 prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Section 8058 provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Section 8059 has been amended and 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 8060 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8061 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 8062 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 8063 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 8064 has been amended and prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Section 8065 has been amended and 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 8066 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 8067 has been amended and 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 8068 has been amended and requires notification for the rapid acquisition and deployment of supplies and associated support services.

Section 8069 has been amended and provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8070 has been amended and provides for the funding of prior year shipbuilding cost increases.

Section 8071 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 8072 has been amended and prohibits funding from being used to initiate a new start program without prior written notification.

Section 8073 has been amended and 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 8074 prohibits funding from being used for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8075 has been amended and makes funds available for transfer for the purposes of rapid acquisition and deployment of supplies and associated support services.

Section 8076 prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8077 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 8078 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 8079 has been amended and 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 8080 provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Section 8081 has been amended and 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 8082 provides that certain support to friendly foreign countries be made in accordance with section 8005 or 9002 of this Act.

Section 8083 has been amended and places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Section 8084 prohibits funding from being used in violation the Child Soldiers Prevention Act of 2008.

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

Section 8086 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.

Section 8087 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 8088 has been amended and prohibits the use of funds for the purpose of making remittances to the Department of Defense Acquisition Workforce Development Account.

Section 8089 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 8090 prohibits the use of funds for federal contracts in excess of $1,000,000 unless the contractor meets certain conditions.

Section 8091 has been amended and provides funds for transfer to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8092 prohibits the use of funds providing certain missile defense information to certain entities.

Section 8093 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 8094 has been amended and provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8095 prohibits funding from being used in contravention of the War Powers Resolution.

Section 8096 has been amended and prohibits funds from being used to enter into a contract, memorandum of understanding, or cooperative agreement with, make a grant to, or provide a loan or loan guarantee to Rosoboronexport, except under certain conditions.

Section 8097 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.

Section 8098 directs the Secretary of Defense to post grant awards on a public website in a searchable format.

Section 8099 places restrictions on transfer amounts available in the Rapid Prototyping Fund.

Section 8100 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8101 prohibits the transfer of administrative or budgetary resources to the jurisdiction of another Federal agency not financed by this Act without the express authorization of Congress.

Section 8102 has been amended and provides that operation and maintenance funds may be used for any purposes related to the National Defense Reserve Fleet.

Section 8103 prohibits the use of funds to provide counterterrorism support to foreign partners unless the congressional defense committees are notified accordingly.

Section 8104 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 8105 has been amended and prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Section 8106 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8107 prohibits the use of funding for information technology systems that do not have pornographic content filters.

Section 8108 has been amended and prohibits funds to deliver F–35 aircraft to the Republic of Turkey.

Section 8109 has been amended and places certain limitations on the transfer of funds for the Global Engagement Center.

Section 8110 has been amended and makes funds available through the Office of Economic Adjustment 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 8111 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 8112 has been amended and places restrictions on the use of funding for military parades.

Section 8113 has been amended and provides for the use of funds to modify two F–35 Joint Strike Fighters per variant to a test configuration.

Section 8114 provides for funding available in the Defense Health Program for death gratuity payments.

Section 8115 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 8116 has been amended and provides that any advance billing for background investigation services and related services purchased from activities financed using the Defense Working Capital Fund shall be excluded from the calculation of cumulative advance billings.

Section 8117 has been amended and prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Section 8118 is new and requires the Secretary of Defense to make a certification prior to the transfer of any element to the Space Force.

Section 8119 is new and provides funds appropriated under military personnel may be used for expenses for members of the Space Force.

Section 8120 is new and requires the Director of the Defense Security Cooperation Agency to submit a spend plan.

Section 8121 has been amended and reduces funding due to favorable foreign exchange rates.

Section 8122 is new and reduces funding due to favorable fuel costs.

Section 8123 is new and prohibits funds from being used to exclude or implement the exclusion of the Department of Defense from cover under the Federal Service Labor Management Relations Statute.

Section 8124 is new and requires the Secretary of Defense to provide information and documents regarding the December 1981 massacre in El Mozote.

Section 8125 is new and provides funds for agile development, test and evaluation, procurement, production and modification, and the operation and maintenance for certain software pilot programs.

Section 8126 is new and requires the Secretary of Defense to report on deployed personnel by each geographic combatant command.

Section 8127 is new and requires the Secretary of Defense to provide notification before the deployment of security force assistance brigades.

Section 8128 is new and provides funds for the purposes of public healthcare professionals and public health laboratory staff, laboratory and medical equipment, and medical supplies.

Section 8129 is new and 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 8130 is new and prohibits funds for the decommissioning of any Littoral Combat Ships.

Section 8131 is new and requires the Secretary of Defense provide notification of deployments of armed forces to locations outside the United States.

Section 8132 is new and prohibits funding from being obligated or expended in a manner that does not comply with the requirements in section 365 of H.R. 7120 limiting the transfer of Department of Defense personal property to state or local law enforcement agencies.

Section 8133 is new and prohibits the use of funds to conduct, or prepare to conduct, any explosive nuclear weapons test that produces any yield. This section does not limit science-based stockpile stewardship activities consistent with the zero-yield standard or requirements under other provisions of law, such as sections 2401, 2523 and 2525 of title 50, United States Code.

Section 8134 is new and prohibits funds to construct a wall, fence, border barriers, or border security infrastructure along the southern land border of the United States.

Section 8135 is new and requires funds provided for the Department of Defense for fiscal year 2020 that were transferred by the Department and remain unobligated be returned to the original accounts.

Section 8136 is new and limits the use of active armed forces on the southern border unless the costs are reimbursed by the requesting agency.

Section 8137 is new and provides $50,000,000 for a new program that will assist communities that surround military installations with excessive decibel noise caused by military aircraft.

Section 8138 is new and prohibits the use of funds to provide guidance on, review, prepare, approve, or recommend budget request funding levels or initiatives for the Department of Energy.

Section 8139 is new and provides funding for renaming Army installations, facilities, roads, and streets named after confederate leaders and officers.

TITLE IX

OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM

COMMITTEE RECOMMENDATION

In title IX, the Committee recommends additional appropriations totaling $68,435,000,000 for overseas contingency operations/global war on terrorism pursuant to section 251(b)(2)(A)(ii) of the Balanced Budget and Emergency Deficit Control Act of 1985. A detailed review of the Committee recommendation for programs funded in this title is provided in the following pages.

REPORTING REQUIREMENTS

The Committee recommendation includes a number of reporting requirements related to overseas contingency operations and building capacity efforts. The Committee directs the Secretary of Defense to continue to report to the House and Senate Appropriations Committees the incremental costs for all named operations in the Central Command area of responsibility on a quarterly basis and to submit, also on a quarterly basis, commitment, obligation, and expenditure data for the Afghanistan Security Forces Fund and the Counter-Islamic State of Iraq and Syria Train and Equip Fund.

The Committee directs the Secretary of Defense to submit an updated report to the congressional defense committees not later than 60 days after the enactment of this Act on military actions being conducted pursuant to Public Law 107–40 and Public Law 107–243.

The Committee directs the Secretary of Defense to update the report required by House Report 115–769 under the heading "Report on U.S. Defense Assistance to Saudi Arabia and United Arab Emirates Coalition in Yemen" not later than 60 days after the enactment of this Act. Such report shall include an assessment of the current conflict and a detailed description of any United States assistance provided to or involvement with the operations of the coalition; a description of United States military, Department of Defense civilian employees, and defense contractor employees involved in such matters; and the specific legal authority under which such personnel are involved.

The Committee recognizes the strategic partnership between the United States and Iraq and supports efforts to normalize the security relationship after more than 17 years. Accordingly, the Committee directs the Secretary of Defense, in coordination with the Secretary of State, to undertake a comprehensive review and assessment of United States security assistance programs with Iraq, including the current management, personnel, funding, and goals associated with such assistance. The review shall examine the de-

livery and management of such assistance, including through Office of Security Cooperation-Iraq. The results of the review and assessment along with recommendations shall be submitted in a report to the congressional defense committees not later than 60 days after the enactment of this Act.

The Committee expects the Secretary of Defense to comply with section 1090 of Public Law 114–328 regarding the cost of wars in Afghanistan, Iraq, and Syria, and to post this information on the Department's public website in a timely manner.

OVERSEAS CONTINGENCY OPERATIONS JUSTIFICATION DOCUMENTS

The Committee is concerned with the lack of detailed information provided in the budget justification documents associated with programs and activities supported by overseas contingency operations (OCO) funding. Such documents do not accurately depict how funds will be obligated and expended. Moreover, different operations within combatant commands are often combined and described as named operations, when they should be requested separately. The Committee rejects the notion that if the overall level for the sub-activity group remains level from one year into the next, that funding changes between named operations do not require further justification or budget documentation. All changes within sub-activity groups should be justified.

The Committee directs the Secretary of Defense and the Service Secretaries to include in the fiscal year budget 2022 request for OCO funding a breakout for each named operation, including a comparison of funds for such operations for the previous two fiscal years; the number of personnel associated with such funds; and a description of the direct war, enduring, or base funding being requested. Such information should be included in unclassified form but may be accompanied by a classified annex to the budget submission. The Secretary of Defense is also directed to consult with the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act and prior to the submission of the budget request.

MILITARY PERSONNEL

The Committee recommends an additional appropriation of $4,602,593,000 for Military Personnel. The Committee recommendation for each military personnel account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
MILITARY PERSONNEL, ARMY			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	450,089	450,089	0
RETIRED PAY ACCRUAL	121,524	121,524	0
BASIC ALLOWANCE FOR HOUSING	121,394	121,394	0
BASIC ALLOWANCE FOR SUBSISTENCE	16,302	16,302	0
INCENTIVE PAYS	2,379	2,379	0
SPECIAL PAYS	25,555	25,555	0
ALLOWANCES	16,194	16,194	0
SEPARATION PAY	2,543	2,543	0
SOCIAL SECURITY TAX	34,432	34,432	0
TOTAL, BA-1	790,412	790,412	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	777,103	777,103	0
RETIRED PAY ACCRUAL	209,818	209,818	0
BASIC ALLOWANCE FOR HOUSING	369,533	369,533	0
INCENTIVE PAYS	1,270	1,270	0
SPECIAL PAYS	66,121	66,121	0
ALLOWANCES	45,638	45,638	0
SEPARATION PAY	4,105	4,105	0
SOCIAL SECURITY TAX	59,449	59,449	0
TOTAL, BA-2	1,533,037	1,533,037	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	88,317	88,317	0
SUBSISTENCE-IN-KIND	297,516	297,516	0
TOTAL, BA-4	385,833	385,833	0
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
OPERATIONAL TRAVEL	4,456	4,456	0
ROTATIONAL TRAVEL	1,055	1,055	0
TOTAL, BA-5	5,511	5,511	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
INTEREST ON UNIFORMED SERVICES SAVINGS	4,035	4,035	0
DEATH GRATUITIES	3,100	3,100	0
UNEMPLOYMENT BENEFITS	19,375	19,375	0
SGLI EXTRA HAZARD PAYMENTS	6,730	6,730	0
TOTAL, BA-6	33,240	33,240	0
TOTAL, MILITARY PERSONNEL, ARMY	2,748,033	2,748,033	0

M-1	Budget Request	Committee Recommended	Change from Request
MILITARY PERSONNEL, NAVY			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	76,596	76,596	0
RETIRED PAY ACCRUAL	20,681	20,681	0
BASIC ALLOWANCE FOR HOUSING	25,367	25,367	0
BASIC ALLOWANCE FOR SUBSISTENCE	2,444	2,444	0
INCENTIVE PAYS	432	432	0
SPECIAL PAYS	3,647	3,647	0
ALLOWANCES	7,199	7,199	0
SOCIAL SECURITY TAX	5,860	5,860	0
TOTAL, BA-1	142,226	142,226	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	87,750	87,750	0
RETIRED PAY ACCRUAL	23,692	23,692	0
BASIC ALLOWANCE FOR HOUSING	46,929	46,929	0
INCENTIVE PAYS	105	105	0
SPECIAL PAYS	7,849	7,849	0
ALLOWANCES	14,581	14,581	0
SOCIAL SECURITY TAX	6,713	6,713	0
TOTAL, BA-2	187,619	187,619	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	9,176	9,176	0
SUBSISTENCE-IN-KIND	21,664	21,664	0
TOTAL, BA-4	30,840	30,840	0
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
ACCESSION TRAVEL	6,202	6,202	0
OPERATIONAL TRAVEL	60	60	0
ROTATIONAL TRAVEL	128	128	0
SEPARATION TRAVEL	5,804	5,804	0
TOTAL, BA-5	12,194	12,194	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
UNEMPLOYMENT BENEFITS	7,673	7,673	0
SGLI EXTRA HAZARD PAYMENTS	1,734	1,734	0
TOTAL, BA-6	9,407	9,407	0
TOTAL, MILITARY PERSONNEL, NAVY	382,286	382,286	0
MILITARY PERSONNEL, MARINE CORPS			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	25,398	25,398	0
RETIRED PAY ACCRUAL	6,858	6,858	0
BASIC ALLOWANCE FOR HOUSING	8,861	8,861	0
BASIC ALLOWANCE FOR SUBSISTENCE	820	820	0
INCENTIVE PAYS	255	255	0
SPECIAL PAYS	1,059	1,059	0
ALLOWANCES	1,338	1,338	0

M-1	Budget Request	Committee Recommended	Change from Request
SEPARATION PAY	433	433	0
SOCIAL SECURITY TAX	1,942	1,942	0
TOTAL, BA-1	46,964	46,964	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	33,876	33,876	0
RETIRED PAY ACCRUAL	9,148	9,148	0
BASIC ALLOWANCE FOR HOUSING	21,206	21,206	0
INCENTIVE PAYS	18	18	0
SPECIAL PAYS	5,630	5,630	0
ALLOWANCES	3,932	3,932	0
SEPARATION PAY	705	705	0
SOCIAL SECURITY TAX	2,591	2,591	0
TOTAL, BA-2	77,106	77,106	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	3,880	3,881	0
TOTAL, BA-4	3,880	3,881	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
INTEREST ON UNIFORMED SERVICES SAVINGS	250	250	0
SGLI EXTRA HAZARD PAYMENTS	1,742	1,742	0
TOTAL, BA-6	1,992	1,992	0
TOTAL, MILITARY PERSONNEL, MARINE CORPS	129,942	129,943	0
MILITARY PERSONNEL, AIR FORCE			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	131,426	131,426	0
RETIRED PAY ACCRUAL	35,485	35,485	0
BASIC ALLOWANCE FOR HOUSING	41,038	41,038	0
BASIC ALLOWANCE FOR SUBSISTENCE	4,221	4,221	0
SPECIAL PAYS	5,211	5,211	0
ALLOWANCES	5,547	5,547	0
SOCIAL SECURITY TAX	10,054	10,054	0
TOTAL, BA-1	232,982	232,982	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	347,182	347,182	0
RETIRED PAY ACCRUAL	93,739	93,739	0
BASIC ALLOWANCE FOR HOUSING	147,758	147,758	0
SPECIAL PAYS	23,799	23,799	0
ALLOWANCES	26,472	26,472	0
SOCIAL SECURITY TAX	26,559	26,559	0
TOTAL, BA-2	665,509	665,509	0

M-1	Budget Request	Committee Recommended	Change from Request
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	34,678	34,678	0
SUBSISTENCE-IN-KIND	130,371	130,371	0
TOTAL, BA-4	165,049	165,049	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
DEATH GRATUITIES	200	200	0
UNEMPLOYMENT BENEFITS	8,447	8,447	0
SGLI EXTRA HAZARD PAYMENTS	4,981	4,981	0
TOTAL, BA-6	13,628	13,628	0
TOTAL, MILITARY PERSONNEL, AIR FORCE	1,077,168	1,077,168	0
RESERVE PERSONNEL, ARMY			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	33,414	33,414	0
TOTAL, BA-1	33,414	33,414	0
TOTAL, RESERVE PERSONNEL, ARMY	33,414	33,414	0
RESERVE PERSONNEL, NAVY			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	11,771	11,771	0
TOTAL, BA-1	11,771	11,771	0
TOTAL, RESERVE PERSONNEL, NAVY	11,771	11,771	0
RESERVE PERSONNEL, MARINE CORPS			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	2,001	2,001	0
ADMINISTRATION AND SUPPORT	47	47	0
TOTAL, BA-1	2,048	2,048	0
TOTAL, RESERVE PERSONNEL, MARINE CORPS	2,048	2,048	0
RESERVE PERSONNEL, AIR FORCE			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	16,816	16,816	0
TOTAL, BA-1	16,816	16,816	0
TOTAL, RESERVE PERSONNEL, AIR FORCE	16,816	16,816	0

M-1	Budget Request	Committee Recommended	Change from Request
NATIONAL GUARD PERSONNEL, ARMY			
BA-1: UNIT AND INDIVIDUAL TRAINING			
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	62,718	62,718	0
SCHOOL TRAINING	3,752	3,752	0
SPECIAL TRAINING	107,242	107,242	0
ADMINISTRATION AND SUPPORT	21,602	21,602	0
TOTAL, BA-1	195,314	195,314	0
TOTAL, NATIONAL GUARD PERSONNEL, ARMY	195,314	195,314	0
NATIONAL GUARD PERSONNEL, AIR FORCE			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	5,800	5,800	0
TOTAL, BA-1	5,800	5,800	0
TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	5,800	5,800	0
TOTAL, MILITARY PERSONNEL	4,602,592	4,602,593	0

OPERATION AND MAINTENANCE

The Committee recommends an additional appropriation of $57,824,499,000 for Operation and Maintenance. The Committee recommendation for each operation and maintenance account is as follows:

EXPLANATION OF PROJECT TABLES
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
	OPERATION AND MAINTENANCE, ARMY			
111	MANEUVER UNITS Insufficient justification	4,114,001	3,764,001 -350,000	-350,000
113	ECHELONS ABOVE BRIGADE	32,811	32,811	0
114	THEATER LEVEL ASSETS Unjustified growth	2,542,760	2,532,760 -10,000	-10,000
115	LAND FORCES OPERATIONS SUPPORT Unjustified growth	162,557	147,557 -15,000	-15,000
116	AVIATION ASSETS	204,396	204,396	0
121	FORCE READINESS OPERATIONS SUPPORT Unjustified growth	5,716,734	5,616,734 -100,000	-100,000
122	LAND FORCES SYSTEMS READINESS Unjustified growth	180,048	150,048 -30,000	-30,000
123	LAND FORCES DEPOT MAINTENANCE	81,125	81,125	0
131	BASE OPERATIONS SUPPORT Insufficient justification	219,029	194,029 -25,000	-25,000
132	FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION Insufficient justification	301,017	226,017 -75,000	-75,000
135	ADDITIONAL ACTIVITIES	966,649	966,649	0
136	COMMANDERS' EMERGENCY RESPONSE PROGRAM Excess to need	2,500	500 -2,000	-2,000
137	RESET	403,796	403,796	0
141	US AFRICA COMMAND	100,422	100,422	0
142	US EUROPEAN COMMAND	120,043	120,043	0
151	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	98,461	98,461	0
153	CYBERSPACE ACTIVITIES - CYBERSECURITY	21,256	21,256	0
212	ARMY PREPOSITIONED STOCK	103,052	103,052	0

O-1		Budget Request	Committee Recommended	Change from Request
321	SPECIALIZED SKILL TRAINING	89,943	89,943	0
324	TRAINING SUPPORT	2,550	2,550	0
421	SERVICEWIDE TRANSPORTATION	521,090	521,090	0
422	CENTRAL SUPPLY ACTIVITIES	43,897	43,897	0
423	LOGISTICS SUPPORT ACTIVITIES	68,423	68,423	0
424	AMMUNITION MANAGEMENT	29,162	29,162	0
432	SERVICEWIDE COMMUNICATIONS	11447	11447	0
434	OTHER PERSONNEL SUPPORT	5,839	5,839	0
437	REAL ESTATE MANAGEMENT	48,782	48,782	0
441	INTERNATIONAL MILITARY HEADQUARTERS	50,000	50,000	0
411	OTHER PROGRAMS	895,964	895,964	0
	TOTAL, OPERATION AND MAINTENANCE, ARMY	17,137,754	16,530,754	-607,000
	OPERATION AND MAINTENANCE, NAVY			
1A1A	MISSION AND OTHER FLIGHT OPERATIONS Insufficient justification	382,062	375,062 -7,000	-7,000
1A3A	AVIATION TECHNICAL DATA & ENGINEERING SVCS	832	832	0
1A4A	AIR OPERATIONS AND SAFETY SUPPORT	17,840	17,840	0
1A4N	AIR SYSTEMS SUPPORT	210,692	210,692	0
1A5A	AIRCRAFT DEPOT MAINTENANCE	170,580	170,580	0
1A6A	AIRCRAFT DEPOT OPERATIONS SUPPORT	5,854	5,854	0
1A9A	AVIATION LOGISTICS Insufficient justification	33,707	26,707 -7,000	-7,000
1B1B	MISSION AND OTHER SHIP OPERATIONS Insufficent justification	5,817,696	5,622,696 -195,000	-195,000
1B2B	SHIP OPERATIONS SUPPORT & TRAINING	20,741	20,741	0
1B5B	SHIP DEPOT MAINTENANCE Insufficient justification Transfer from title II	2,072,470	2,523,131 -50,000 500,661	450,661

O-1	Budget Request	Committee Recommended	Change from Request
1C1C COMBAT COMMUNICATIONS	59,254	59,254	0
1C3C SPACE SYSTEMS AND SURVEILLANCE	18,000	18,000	0
1C4C WARFARE TACTICS	17,324	17,324	0
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	22,581	22,581	0
1C6C COMBAT SUPPORT FORCES Insufficient justification	772,441	762,441 -10,000	-10,000
1C7C EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	5,788	5,788	0
1CCM COMBATANT COMMANDERS DIRECT MISSION SUPPORT	24,800	24,800	0
1CCY CYBERSPACE ACTIVITIES	369	369	0
1D4D WEAPONS MAINTENANCE Transfer from title II	567,247	578,022 10,775	10,775
1D7D OTHER WEAPON SYSTEMS SUPPORT	12,571	12,571	0
BSM1 FSRM	70,041	70,041	0
BSS1 BASE OPERATING SUPPORT	218,792	218,792	0
2C1H EXPEDITIONARY HEALTH SERVICES SYSTEMS	22,589	22,589	0
3B1K SPECIALIZED SKILL TRAINING	53,204	53,204	0
4A1M ADMINISTRATION	9,983	9,983	0
4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT	7,805	7,805	0
4B1N SERVICEWIDE TRANSPORTATION	72,097	72,097	0
4B3N ACQUISITION AND PROGRAM MANAGEMENT	11,354	11,354	0
4C1P INVESTIGATIVE AND SECURITY SERVICES	1,591	1,591	0
TOTAL, OPERATION AND MAINTENANCE, NAVY	10,700,305	10,942,741	242,436

O-1	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE, MARINE CORPS			
1A1A OPERATIONAL FORCES	727,989	770,989	43,000
Insufficient justification		-20,000	
Transfer from title II		63,000	
1A2A FIELD LOGISTICS	195,001	195,001	0
1A3A DEPOT MAINTENANCE	55,183	55,183	0
1CCY CYBERSPACE ACTIVITIES	10,000	10,000	0
BSS1 BASE OPERATING SUPPORT	24,569	24,569	0
3B4D TRAINING SUPPORT	28,458	28,458	0
4A3G SERVICEWIDE TRANSPORTATION	61,400	61,400	0
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	1,102,600	1,145,600	43,000
OPERATION AND MAINTENANCE, AIR FORCE			
11A PRIMARY COMBAT FORCES	125,551	121,551	-4,000
Insufficient justification		-4,000	
11C COMBAT ENHANCEMENT FORCES	916,538	881,538	-35,000
Insufficient justification		-35,000	
11D AIR OPERATIONS TRAINING	93,970	93,970	0
11M DEPOT MAINTENANCE	3,528,059	3,403,059	-125,000
Insufficient justification		-125,000	
11R REAL PROPERTY MAINTENANCE	147,264	147,264	0
11V CYBERSPACE SUSTAINMENT	10,842	10,842	0
11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	7,187,100	8,368,942	1,181,842
Transfer from Title II		1,508,342	
Insufficient justification		-326,500	
11Y FLYING HOUR PROGRAM	2,031,548	2,015,548	-16,000
Insufficient justification		-16,000	
11Z BASE OPERATING SUPPORT	1,540,444	1,515,444	-25,000
Insufficient justification		-25,000	
12A GLOBAL C3I AND EARLY WARNING	13,709	13,709	0

O-1	Budget Request	Committee Recommended	Change from Request
12C OTHER COMBAT OPS SPT PROGRAMS	345,800	343,800	-2,000
Insufficient justification		-30,000	
Department requested transfer from line 44A		28,000	
12D CYBERSPACE ACTIVITIES	17,936	17,936	0
12F TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	36,820	36,820	0
13A LAUNCH FACILITIES	70	70	0
13C SPACE CONTROL SYSTEMS	1,450	1,450	0
15C US NORTHCOM/NORAD	725	725	0
15D US STRATCOM	856	856	0
15E US CYBERCOM	35,189	35,189	0
15F US CENTCOM	126,934	171,134	44,200
Department requested transfer from line 42G		44,200	
21A AIRLIFT OPERATIONS	1,271,439	1,256,439	-15,000
Insufficient justification		-15,000	
21D MOBILIZATION PREPAREDNESS	120,866	120,866	0
31A OFFICER ACQUISITION	200	200	0
31B RECRUIT TRAINING	352	352	0
32A SPECIALIZED SKILL TRAINING	27,010	27,010	0
32B FLIGHT TRAINING	844	844	0
32C PROFESSIONAL DEVELOPMENT EDUCATION	1,199	1,199	0
32D TRAINING SUPPORT	1,320	1,320	0
41A LOGISTICS OPERATIONS	164,701	164,701	0
41B TECHNICAL SUPPORT ACTIVITIES	11,782	11,782	0
42A ADMINISTRATION	3,886	3,886	0
42B SERVICEWIDE COMMUNICATIONS	355	355	0
42G OTHER SERVICEWIDE ACTIVITIES	100,831	56,631	-44,200
Department requested transfer to line 15F		-44,200	
44A INTERNATIONAL SUPPORT	29,928	1,928	-28,000
Department requested transfer to line 12C		-28,000	

O-1		Budget Request	Committee Recommended	Change from Request
43A	OTHER PROGRAMS	34,502	34,502	0
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	17,930,020	18,861,862	931,842
	OPERATION AND MAINTENANCE, SPACE FORCE			
	GLOBAL C3I & EARLY WARNING	227	227	0
	SPACE LAUNCH OPERATIONS	321	321	0
	SPACE OPERATIONS	15,135	15,135	0
	DEPOT MAINTENANCE	18,268	18,268	0
	CONTRACTOR LOGISTICS & SYSTEMS SUPPORT	43,164	43,164	0
	TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE	77,115	77,115	0
	OPERATION AND MAINTENANCE, DEFENSE-WIDE			
1PL1	JOINT CHIEFS OF STAFF	3,799	3,799	0
8PL1	JOINT CHIEFS OF STAFF CE2T2	6,634	6,634	0
1PL6	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	898,024	900,984	2,960
	Program increase - combat loss replacement		2,960	
1PLU	SPECIAL OPERATIONS COMMAND INTELLIGENCE	1,244,553	1,254,553	10,000
	Program increase		10,000	
1PL7	SPECIAL OPERATIONS COMMAND MAINTENANCE	354,951	354,951	0
1PLV	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	104,535	104,535	0
1PLR	SPECIAL OPERATIONS COMMAND THEATER FORCES	757,744	749,744	-8,000
	Section 1202 excess to need		-8,000	
4GT6	DEFENSE CONTRACT AUDIT AGENCY	1,247	1,247	0
4GTC	DEFENSE CONTRACT MANAGEMENT AGENCY	21,723	21,723	0
4GTJ	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	0	13,247	13,247
	Program increase - defense-wide review reductions funding restoration		13,247	
4GT9	DEFENSE INFORMATION SYSTEMS AGENCY	56,256	81,133	24,877
	Program increase		24,877	

O-1		Budget Request	Committee Recommended	Change from Request
4GU9	DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	3,524	3,524	0
4GTA	DEFENSE LEGAL SERVICES AGENCY	156,373	156,373	0
ES18	DEFENSE MEDIA ACTIVITY	3,555	14,377	10,822
	Program increase - defense-wide review reductions funding restoration		10,822	
4GTD	DEFENSE SECURITY COOPERATION AGENCY	1,557,763	1,651,296	93,533
	Transfer from National Defense Strategy Implementation Account to Ministry of Defense Advisors Program		-15,000	
	Transfer to Ministry of Defense Advisors Program from National Defense Strategy Implementation Account		15,000	
	Transfer from National Defense Strategy Implementation Account to International Security Cooperation Programs		-612,763	
	Transfer to International Security Cooperation Programs from National Defense Strategy Implementation Account		612,763	
	Program increase - International Security Cooperation Programs with countries in AFRICOM		51,429	
	Program increase - International Security Cooperation Programs with countries in CENTCOM		10,929	
	Program increase - International Security Cooperation Programs for Baltic Security Initiative		6,175	
	Program increase - Ukraine Security Assistance Initiative		25,000	
4GTI	DEFENSE THREAT REDUCTION AGENCY	297,486	297,486	0
4GTN	OFFICE OF THE SECRETARY OF DEFENSE	16,984	16,984	0
4GTQ	WASHINGTON HEADQUARTERS SERVICES	1,997	1,997	0
999	OTHER PROGRAMS	535,106	535,106	0
	TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	6,022,254	6,169,693	147,439
	OPERATION AND MAINTENANCE, ARMY RESERVE			
113	ECHELONS ABOVE BRIGADE	17,193	17,193	0
121	FORCES READINESS OPERATIONS SUPPORT	440	440	0
131	BASE OPERATIONS SUPPORT	15,766	15,766	0
	TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	33,399	33,399	0

O-1		Budget Request	Committee Recommended	Change from Request
	OPERATION AND MAINTENANCE, NAVY RESERVE			
1A3A	INTERMEDIATE MAINTENANCE	522	522	0
1A5A	AIRCRAFT DEPOT MAINTENANCE	11,861	11,861	0
1C6C	COMBAT SUPPORT FORCES	9,109	9,109	0
	TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	21,492	21,492	0
	OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
1A1A	OPERATING FORCES	7,627	7,627	0
BSS1	BASE OPERATING SUPPORT	1,080	1,080	0
	TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	8,707	8,707	0
	OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
11M	DEPOT MAINTENANCE	24,408	24,408	0
11Z	BASE OPERATING SUPPORT	5,682	5,682	0
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	30,090	30,090	0
	OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD			
111	MANEUVER UNITS	25,746	25,746	0
112	MODULAR SUPPORT BRIGADES	40	40	0
113	ECHELONS ABOVE BRIGADE	983	983	0
114	THEATER LEVEL ASSETS	22	22	0
116	AVIATION ASSETS	20,624	20,624	0
121	FORCE READINESS OPERATIONS SUPPORT	7,914	7,914	0
131	BASE OPERATIONS SUPPORT	24,417	24,417	0
432	SERVICEWIDE COMMUNICATIONS	46	46	0
	TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	79,792	79,792	0

O-1		Budget Request	Committee Recommended	Change from Request
	OPERATION AND MAINTENANCE, AIR NATIONAL GUARD			
11G	MISSION SUPPORT OPERATIONS	3,739	3,739	0
11M	DEPOT MAINTENANCE	61,862	61,862	0
11W	SUPPORT	97,108	97,108	0
11Z	BASE SUPPORT	12,933	12,933	0
	TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	175,642	175,642	0
	AFGHANISTAN SECURITY FORCES FUND			
	Afghan National Army	1,235,067	1,235,067	0
	Sustainment	1,065,932	1,065,932	
	Infrastructure	64,501	64,501	
	Equipment and Transportation	47,854	47,854	
	Training and Operations	56,780	56,780	
	Afghan National Police	602,172	602,172	0
	Sustainment	434,500	434,500	
	Infrastructure	448	448	
	Equipment and Transportation	108,231	108,231	
	Training and Operations	58,993	58,993	
	Afghan Air Force	835,924	835,924	0
	Sustainment	534,102	534,102	
	Infrastructure	9,532	9,532	
	Equipment and Transportation	58,487	58,487	
	Training and Operations	233,803	233,803	
	Afghan Special Security Forces	1,342,449	1,342,449	0
	Sustainment	680,024	680,024	
	Infrastructure	2,532	2,532	
	Equipment and Transportation	486,808	486,808	
	Training and Operations	173,085	173,085	
	Undistributed Adjustment		-968,000	-968,000
	TOTAL, AFGHANISTAN SECURITY FORCES FUND	4,015,612	3,047,612	-968,000
	COUNTER-ISIS TRAIN AND EQUIP FUND			
	Iraq Train and Equip	645,000	500,000	-145,000
	Syria Train and Equip	200,000	200,000	0
	TOTAL, COUNTER-ISIS TRAIN AND EQUIP FUND	845,000	700,000	-145,000
	TOTAL, OPERATION AND MAINTENANCE	58,179,782	57,824,499	-355,283

GUANTANAMO BAY DETENTION FACILITY

The Committee is concerned with the extraordinary costs associated with the Guantanamo Bay detention facility, which amounts to millions of dollars annually per detainee, and encourages a focus on reducing such costs in a responsible manner. 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 on the current number of detainees; their legal status; a description of all Department Defense costs associated with the facility during the last two fiscal years and planned for fiscal year 2021, by program, account, and activity; and recommendations to reduce such costs over the next three fiscal years. The Committee directs that the fiscal year 2022 budget request include a similar description of such costs and any associated cost savings measures planned for that fiscal year.

COMMANDERS' EMERGENCY RESPONSE PROGRAM

The Committee recommendation provides that not more than $2,000,000 under Operation and Maintenance, Army may be used for the Commanders' Emergency Response Program. The Committee believes that after nearly two decades the time has come to wind down this program. The Committee directs the Secretary of Defense to transition program activities to the Afghanistan Security Forces and other agencies of the United States government, as appropriate, and to phase out this program during fiscal year 2021.

EFFORTS TO MINIMIZE CIVILIAN CASUALTIES

The Committee supports efforts by the Department of Defense to minimize civilian casualties and fully funds the request for resources to improve tracking of civilian casualties.

EX GRATIA PAYMENTS

The Committee recommendation includes sufficient funding for the Office of the Secretary of Defense 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.

AFGHANISTAN SECURITY FORCES FUND

The Committee recommendation includes $3,047,612,000 for the Afghanistan Security Forces Fund and notes the significant unobligated balances from prior year appropriations.

The Committee recognizes the sacrifices made by the members of the Afghanistan Security Forces and the recommendation provides the support necessary for such forces to continue to defend their country. The Committee notes the gains made in Afghanistan and the significant investments made by the United States and coalition partners in the Afghanistan Security Forces over nearly two decades.

The Committee supports efforts to bring peace to Afghanistan but notes the considerable uncertainty associated with the conflict, including the current level of violence and with respect to intra-Afghan negotiations. Irrespective of the outcome of these efforts, the

Committee believes that certain conditions must be in place for United States assistance under this heading to continue. Accordingly, the Committee recommendation provides that funds appropriated under this heading for the Afghanistan Security Forces may only be obligated if the Secretary of Defense, in consultation with the Secretary of State, certifies in writing to the congressional defense committees that such forces are controlled by a civilian, representative government that is protecting human rights and women's rights and preventing terrorists and terrorist groups from using the territory of Afghanistan to threaten the security of the United States and United States allies.

The Committee recommendation does not include funding for major capital projects, major upgrades, or the procurement of new systems, including the procurement of ten CH–47 helicopters. The recommendation also includes modified language prohibiting funds for the transfer of additional C–130 cargo aircraft to the Afghanistan National Security Forces or the Afghanistan Air Force.

The Committee recommendation includes funding for Afghanistan security personnel at their current levels, rather than authorized levels. The recommendation fully funds the request for the Afghanistan Personnel and Pay System and provides funding only for personnel who are enrolled in the system. The Committee also supports the use of identification cards, biometrics, and other measures to prevent fraud. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on efforts to reduce corruption in the Afghanistan Security Forces, including through programs and technologies supported under this heading.

The Committee recommendation provides not less than $20,000,000 for the recruitment and retention of women in the Afghanistan National Security Forces, and the recruitment and training of female security personnel, which is twice the amount specified in the Department of Defense Appropriations Act, 2020. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 45 days after the enactment of this Act describing the proposed use of such funds, including programmatic details, personnel targets, and other goals and objectives to be achieved with this funding.

The Committee recommendation includes funding for items to reduce Afghanistan Security Forces casualties, including equipment for explosive ordnance disposal and to counter improvised explosive devices.

The Committee supports the efforts of the Combined Security Transition Command-Afghanistan to transition costs of items such as fuel from the United States to the Government of Afghanistan. The Committee recommendation assumes the transition of additional items, including funding requested for civilian pay for the Ministry of Defense not funded during fiscal year 2020; funding for sustainment/general operations not funded during fiscal year 2020; and a portion of funding for facilities sustainment, restoration, and modernization.

The Committee remains interested in the details of the conditions-based withdrawal of United States and coalition forces from Afghanistan. Not later than 30 days after the enactment of this Act

and quarterly thereafter, the Committee directs the Secretary of Defense, in coordination with the Director of National Intelligence, to submit a report to the congressional defense committees on United States coalition personnel in Afghanistan and the current conditions of the conflict, including metrics related to the peace agreement and an assessment of whether the Taliban is adhering to its commitments under the agreement.

The Committee recommendation continues language prohibiting funds for any member of the Taliban except to support a reconciliation activity that includes the participation of members of the Government of Afghanistan, does not restrict the participation of women, and is authorized by section 1218 of the National Defense Authorization Act for Fiscal Year 2020.

The Committee is concerned about reports that Russian military intelligence units secretly offered bounties to Taliban-linked militants for killing United States and coalition forces in Afghanistan. The Committee directs the Secretary of Defense, in coordination with the Director of National Intelligence, to submit an assessment and report to the congressional defense committees not later than 30 days after the enactment of this Act, on Russia's malign activities in Afghanistan, including activities specifically directed against United States and coalition forces in Afghanistan; any damage done by such activities; and measures taken or planned by the Administration in response.

The Committee notes the recent statements made by the Administration to reduce funding previously appropriated by Congress for Afghanistan due to the political situation in that country. The Committee is not aware of any specific statutory authority that would allow the withholding of funding provided under this heading for such purposes. The Committee notes the January 2020 decision by the Government Accountability Office regarding the withholding of funds in violation of the Impoundment Control Act.

COUNTER-ISIS TRAIN AND EQUIP FUND

The Committee recommendation includes $700,000,000 for the Counter-ISIS Train and Equip Fund. The Committee notes the significant unobligated balances from prior appropriations and the disruption of programs due to the COVID–19 pandemic.

The Committee recognizes the gains made by the Global Coalition to Defeat the Islamic State of Iraq and Syria (ISIS) to liberate the territory once controlled by that terrorist organization. Nevertheless, the Committee is concerned by the continued threat of ISIS and the potential for ISIS to regenerate. The Committee recommendation continues support under this heading for the Iraqi Security Forces, Kurdish Peshmerga, and the Syrian Democratic Forces to participate in activities to counter ISIS. The Committee recommendation also continues the requirement that the Secretary of Defense ensure that elements are appropriately vetted and have made commitments to promote respect for human rights and the rule of law.

The Committee recommendation continues enhanced notification and reporting requirements for funds provided under this heading, including the requirement for the Secretary of Defense to notify the congressional defense committees not fewer than 15 days prior to

obligating funds. The Committee directs that such notifications 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 milestones and anticipated delivery schedule for such assistance; and a description of any material misuse of such assistance since the last notification was submitted, along with a description of any remedies taken by the Department of Defense. The first notification submitted for funds provided under this heading shall also include an explanation of how such funds will build security force capabilities, professionalize partner security forces, provide wide-area security, and promote long-term stability in the region.

The Committee recommendation includes $500,000,000 to counter ISIS in Iraq, including support for units of the Iraqi Security Forces directly engaged in such efforts. The Committee recommendation also supports the Kurdish Peshmerga. In conjunction with the central government of Iraq, the Department of Defense should continue to provide the Peshmerga with the security capabilities necessary to help secure territory liberated from ISIS and to counter ISIS threats. Such support should include training, equipment, and operational support tailored to conditions on the ground. The Committee also notes that continued insecurity in northern Iraq has hindered the return of religious minorities and encourages a focus on programs that will increase security in these areas.

The Committee recommendation includes $200,000,000 to counter ISIS in Syria, including support for units of the Syrian Democratic Forces directly engaged in such efforts.

The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on measures taken to minimize civilian casualties and mitigate any negative impacts on the civilian population from the defeat ISIS campaign, including through training programs supported under this heading.

The Committee notes that the mission of the Combined Joint Task Force Operation Inherent Resolve is to work by, with, and through regional partners to militarily defeat ISIS, not to guard oil fields. The Committee recommendation includes modified language in section 9007 prohibiting funds to exercise United States control over any oil resource of Iraq or Syria.

The Committee recommendation continues the authority for the Secretary of Defense to provide infrastructure repair and renovation, and construction for facility fortification and humane treatment. The recommendation also allows the Secretary to accept and retain contributions from foreign governments and requires the Secretary to prioritize such contributions when providing any assistance for construction for facility fortification. The Committee directs that any congressional notification submitted for facility fortification include detailed information on the scope of proposed projects and information on contributions from partner nations, which should reflect no less than $3 for every $1 from the United States. The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees prior to submitting a notification for such projects.

PROCUREMENT

The Committee recommends an additional appropriation of $6,473,543,000 for Procurement. The Committee recommendation for each procurement account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
	AIRCRAFT PROCUREMENT, ARMY			
2	MQ-1 UAV	0	110,000	110,000
	Program increase - additional aircraft		110,000	
9	AH-64 APACHE BLOCK IIIB NEW BUILD	69,154	69,154	0
14	CH-47	50,472	50,472	0
17	MQ-1 PAYLOAD	5,968	0	-5,968
	Justification does not match need		-5,968	
20	MULTI SENSOR ABN RECON	122,520	122,520	0
26	EMARSS SEMA MODS	26,460	26,460	0
30	DEGRADED VISUAL ENVIRONMENT	1,916	1,916	0
33	RQ-7 UAV MODS	0	30,000	30,000
	Program increase		30,000	
37	CMWS	149,162	149,162	0
38	COMMON INFRARED COUNTERMEASURES (CIRCM)	32,400	32,400	0
41	AIRCREW INTEGRATED SYSTEMS	3,028	3,028	0
	TOTAL, AIRCRAFT PROCUREMENT, ARMY	461,080	595,112	134,032
	MISSILE PROCUREMENT, ARMY			
2	M-SHORAD	158,300	158,300	0
3	MSE MISSILE	176,585	176,585	0
6	HELLFIRE SYSTEM SUMMARY	236,265	236,265	0
11	GUIDED MLRS ROCKET (GMLRS)	127,015	127,015	0
15	LETHAL MINIATURE AERIAL MISSILE SYSTEM	84,993	69,393	-15,600
	Contract delays		-15,600	
17	ATACMS MODS	78,434	78,434	0
22	MLRS MODS	20,000	20,000	0
	TOTAL, MISSILE PROCUREMENT, ARMY	881,592	865,992	-15,600

P-1		Budget Request	Committee Recommended	Change from Request
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY			
16	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON	4,765	4,765	0
19	MORTAR SYSTEMS	10,460	10,460	0
	TOTAL, PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY	15,225	15,225	0
	PROCUREMENT OF AMMUNITION, ARMY			
1	CTG, 5.56MM, ALL TYPES	567	567	0
2	CTG, 7.62MM, ALL TYPES	40	40	0
4	CTG, HANDGUN, ALL TYPES	17	17	0
5	CTG, .50 CAL, ALL TYPES	189	189	0
7	CTG, 30MM, ALL TYPES	24,900	24,900	0
16	PROJ 155MM EXTENDED RANGE M982	29,213	29,213	0
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	21,675	21,675	0
20	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	176	176	0
21	ROCKET, HYDRA 70, ALL TYPES	33,880	33,880	0
29	ITEMS LESS THAN $5M (AMMO)	11	11	0
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	110,668	110,668	0
	OTHER PROCUREMENT, ARMY			
13	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	6,500	6,500	0
14	PLS ESP	15,163	15,163	0
17	TACTICAL WHEELED VEHICLE PROTECTION KITS	27,066	27,066	0
30	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	2,700	2,700	0
32	ASSURED POSITIONING, NAVIGATION AND TIMING	12,566	12,566	0
33	SMART-T (SPACE)	289	289	0
34	GLOBAL BROADCAST SERVICE (GBS)	319	319	0
45	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	1,257	1,257	0
48	CI AUTOMATION ARCHITECTURE	1,230	1,230	0

P-1		Budget Request	Committee Recommended	Change from Request
52	COMMUNICATIONS SECURITY (COMSEC)	128	128	0
58	INFORMATION SYSTEMS	15,277	15,277	0
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	74,004	74,004	0
68	DCGS-A	47,709	47,709	0
70	TROJAN	1,766	1,766	0
71	MOD OF IN-SVC EQUIPMENT (INTEL SUPPORT)	61,450	61,450	0
73	BIOMETRIC TACTICAL COLLECTION DEVICES	12,337	12,337	0
80	FAMILY OF PERSISTENT SURVEILLANCE CAP	44,293	44,293	0
81	COUNTERINTELLIGENCE/SECURITY	49,100	49,100	0
83	SENTINEL MODS	33,496	33,496	0
84	NIGHT VISION DEVICES	643	643	0
87	RADIATION MONITORING SYSTEMS Excess to need	11	0 -11	-11
88	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	37,000	37,000	0
94	COMPUTER BALLISTICS: LHMBC XM32	280	280	0
95	MORTAR FIRE CONTROL SYSTEM	13,672	13,672	0
100	AIR AND MSL DEFENSE PLANNING & CONTROL SYS	15,143	15,143	0
109	ARMY TRAINING MODERNIZATION	4,688	4,688	0
110	AUTOMATED DATA PROCESSING EQUIPMENT	16,552	16,552	0
121	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	25,480	25,480	0
122	BASE DEFENSE SYSTEMS (BDS) NIIS insufficient justification	98,960	86,060 -12,900	-12,900
123	CBRN DEFENSE	18,887	18,887	0
125	TACTICAL BRIDGING	50,400	50,400	0
137	RENDER SAFE SETS KITS OUTFITS Unit cost discrepancies	84,000	48,500 -35,500	-35,500
140	HEATERS AND ECUS	370	370	0
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	3,721	3,721	0
145	FORCE PROVIDER	56,400	56,400	0

P-1		Budget Request	Committee Recommended	Change from Request
146	FIELD FEEDING EQUIPMENT	2,279	2,279	0
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	2,040	2,040	0
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	4,374	4,374	0
151	COMBAT SUPPORT MEDICAL	6,390	6,390	0
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	7,769	7,769	0
153	ITEMS LESS THAN $5M (MAINT EQ)	184	184	0
156	LOADERS	3,190	3,190	0
157	HYDRAULIC EXCAVATOR	7,600	7,600	0
158	TRACTOR, FULL TRACKED	7,450	7,450	0
160	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	3,703	3,703	0
162	CONST EQUIP ESP	657	657	0
167	GENERATORS AND ASSOCIATED EQUIP	106	106	0
169	FAMILY OF FORKLIFTS	1,885	1,885	0
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,500	8,500	0
181	PHYSICAL SECURITY SYSTEMS (OPA3)	3,248	3,248	0
185	BUILDING, PRE-FAB, RELOCATABLE	31,845	31,845	0
	TOTAL, OTHER PROCUREMENT, ARMY	924,077	875,666	-48,411
	AIRCRAFT PROCUREMENT, NAVY			
24	STUASLO UAV	7,921	7,921	0
53	COMMON ECM EQUIPMENT	3,474	3,474	0
55	COMMON DEFENSIVE WEAPON SYSTEM	3,339	3,339	0
64	QRC	18,507	18,507	0
	TOTAL, AIRCRAFT PROCUREMENT, NAVY	33,241	33,241	0
	WEAPONS PROCUREMENT, NAVY			
12	HELLFIRE	5,572	5,572	0
	TOTAL, WEAPONS PROCUREMENT, NAVY	5,572	5,572	0

P-1		Budget Request	Committee Recommended	Change from Request
	PROCUREMENT OF AMMO, NAVY & MARINE CORPS			
1	**GENERAL PURPOSE BOMBS**	**8,068**	**5,005**	**-3,063**
	Q2191 BLU-111 previously funded		-2,910	
	Q2160 BLU-117 prior year carryover		-153	
2	**JDAM**	**15,529**	**15,529**	**0**
3	**AIRBORNE ROCKETS, ALL TYPES**	**23,000**	**10,149**	**-12,851**
	MK-66 rocket motor contract delays		-12,851	
4	**MACHINE GUN AMMUNITION**	**22,600**	**22,600**	**0**
6	**CARTRIDGES & CART ACTUATED DEVICES**	**3,927**	**3,927**	**0**
7	**AIR EXPENDABLE COUNTERMEASURES**	**15,978**	**15,978**	**0**
8	**JATOS**	**2,100**	**2,100**	**0**
11	**OTHER SHIP GUN AMMUNITION**	**2,611**	**7**	**-2,604**
	M72A8 LAW early to need		-2,604	
12	**SMALL ARMS & LANDING PARTY AMMO**	**1,624**	**1,624**	**0**
13	**PYROTECHNIC AND DEMOLITION**	**505**	**505**	**0**
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS	**95,942**	**77,424**	**-18,518**
	OTHER PROCUREMENT, NAVY			
28	**STANDARD BOATS**	**19,104**	**19,104**	**0**
35	**SMALL & MEDIUM UUV**	**2,946**	**2,946**	**0**
43	**FIXED SURVEILLANCE SYSTEM**	**213,000**	**213,000**	**0**
92	**SONOBUOYS - ALL TYPES**	**26,196**	**26,196**	**0**
95	**AIRCRAFT SUPPORT EQUIPMENT**	**60,217**	**60,217**	**0**
110	**EXPLOSIVE ORDNANCE DISPOSAL EQUIPMENT**	**2,124**	**2,124**	**0**
115	**PASSENGER CARRYING VEHICLES**	**177**	**0**	**-177**
	Unjustified request		-177	
116	**GENERAL PURPOSE TRUCKS**	**416**	**0**	**-416**
	Unjustified request		-416	
118	**FIRE FIGHTING EQUIPMENT**	**801**	**0**	**-801**
	Unjustified request		-801	
125	**FIRST DESTINATION TRANSPORTATION**	**520**	**0**	**-520**
	Unjustified request		-520	

P-1		Budget Request	Committee Recommended	Change from Request
128	TRAINING AND EDUCATION EQUIPMENT	11,500	11,500	0
130	MEDICAL SUPPORT EQUIPMENT	3,525	3,525	0
136	PHYSICAL SECURITY EQUIPMENT	3,000	3,000	0
	TOTAL, OTHER PROCUREMENT, NAVY	343,526	341,612	-1,914
	PROCUREMENT, MARINE CORPS			
12	GUIDED MLRS ROCKET (GMLRS)	17,456	17,456	0
15	MODIFICATION KITS	4,200	4,200	0
21	INTELLIGENCE SUPPORT EQUIPMENT	10,124	10,124	0
38	MOTOR TRANSPORT MODIFICATIONS	16,183	16,183	0
	TOTAL, PROCUREMENT, MARINE CORPS	47,963	47,963	0
	AIRCRAFT PROCUREMENT, AIR FORCE			
13	COMBAT RESCUE HELICOPTER	174,000	174,000	0
20	MQ-9	142,490	343,600	201,110
	Program increase - 16 aircraft		285,700	
	Production line shutdown ahead of need		-75,990	
	ECP excess to need		-8,600	
21	RQ-20 PUMA	13,770	13,770	0
26	LAIRCM	57,521	57,521	0
46	U-2 MODS	9,600	9,600	0
55	COMPASS CALL	12,800	12,800	0
66	HC/MC-130 MODIFICATIONS	58,020	58,020	0
69	MQ-9 UAS PAYLOADS	46,100	63,500	17,400
	Program increase - Gorgon Stare operational loss		17,400	
70	CV-22 MODS	6,290	6,290	0
71	INITIAL SPARES/REPAIR PARTS	10,700	10,700	0
72	MQ-9	12,250	12,250	0
73	AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	25,614	25,614	0
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	569,155	787,665	218,510

P-1		Budget Request	Committee Recommended	Change from Request
	MISSILE PROCUREMENT, AIR FORCE			
4	JASSM	30,000	30,000	0
8	HELLFIRE	143,420	143,420	0
9	SMALL DIAMETER BOMB	50,352	50,352	0
	TOTAL, MISSILE PROCUREMENT, AIR FORCE	223,772	223,772	0
	PROCUREMENT OF AMMUNITION, AIR FORCE			
1	ROCKETS	19,489	19,489	0
2	CARTRIDGES	40,434	40,434	0
4	GENERAL PURPOSE BOMBS	369,566	369,566	0
6	JOINT DIRECT ATTACK MUNITION	237,723	237,723	0
15	FLARES	21,171	21,171	0
16	FUZES	107,855	107,855	0
17	SMALL ARMS	6,217	6,217	0
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE	802,455	802,455	0
	OTHER PROCUREMENT, AIR FORCE			
1	PASSENGER CARRYING VEHICLES	1,302	1,302	0
2	MEDIUM TACTICAL VEHICLE	3,400	3,400	0
4	CARGO AND UTILITY VEHICLES	12,475	12,475	0
5	JOINT LIGHT TACTICAL VEHICLE	26,150	26,150	0
7	SPECIAL PURPOSE VEHICLES	51,254	51,254	0
8	FIRE FIGHTING/CRASH RESCUE VEHICLES	24,903	24,903	0
9	MATERIALS HANDLING VEHICLES	14,167	14,167	0
10	RUNWAY SNOW REMOVAL AND CLEANING	5,759	5,759	0
11	BASE MAINTENANCE SUPPORT VEHICLES	20,653	20,653	0
26	GENERAL INFORMATION TECHNOLOGY	5,100	5,100	0
31	AIR FORCE PHYSICAL SECURITY SYSTEM	56,496	56,496	0
49	BASE COMM INFRASTRUCTURE	30,717	30,717	0

P-1		Budget Request	Committee Recommended	Change from Request
55	ENGINEERING AND EOD EQUIPMENT	13,172	13,172	0
56	MOBILITY EQUIPMENT	33,694	33,694	0
57	FUEL SUPPORT EQUIPMENT (FSE)	1,777	1,777	0
58	BASE MAINTENANCE AND SUPPORT EQUIPMENT	31,620	31,620	0
61	DCGS-AF	18,700	18,700	0
65	SPARES AND REPAIR PARTS	4,000	4,000	0
	TOTAL, OTHER PROCUREMENT, AIR FORCE	355,339	355,339	0
	PROCUREMENT, DEFENSE-WIDE			
16	DEFENSE INFORMATION SYSTEM NETWORK	6,120	6,120	0
27	COUNTER IMPROVISED THREAT TECHNOLOGIES	2,540	2,540	0
999	CLASSIFIED PROGRAMS	3,500	3,500	0
56	MANNED ISR	5,000	45,120	40,120
	Program increase - combat loss replacement		40,120	
57	MC-12	5,000	5,000	0
60	UNMANNED ISR	8,207	8,207	0
62	U-28	0	24,711	24,711
	Program increase - combat loss replacement		24,711	
70	ORDNANCE ITEMS LESS THAN $5M	105,355	105,355	0
71	INTELLIGENCE SYSTEMS	16,234	16,234	0
73	OTHER ITEMS LESS THAN $5M	984	984	0
76	TACTICAL VEHICLES	2,990	2,990	0
77	WARRIOR SYSTEMS LESS THAN $5M	32,573	32,573	0
78	COMBAT MISSION REQUIREMENTS	10,000	10,000	0
80	OPERATIONAL ENHANCEMENTS INTELLIGENCE	6,724	6,724	0
81	OPERATIONAL ENHANCEMENTS	53,264	65,779	12,515
	Program increase - combat loss replacement		12,515	
	TOTAL, PROCUREMENT, DEFENSE-WIDE	258,491	335,837	77,346
	NATIONAL GUARD AND RESERVE EQUIPMENT	0	1,000,000	1,000,000
	TOTAL, PROCUREMENT	5,128,098	6,473,543	1,345,445

NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT

The Committee recommends $1,000,000,000 for the National Guard and Reserve Equipment Account. Of that amount, $300,000,000 is for the Army National Guard; $300,000,000 is for the Air National Guard; $160,000,000 is for the Army Reserve; $65,000,000 is for the Navy Reserve; $15,000,000 is for the Marine Corps Reserve; and $160,000,000 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; airborne and ground detect and avoid systems; containerized ice making systems; crash-worthy, ballistically tolerant auxiliary fuel systems; counter-UAS systems; gamma radiation protection; helmet-mounted display system; hypervisor-based cross domain access solution; modular small arms ranges and small arms training simulators and tools; radiological screening portals; training systems and simulators; and virtual language training systems.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The Committee recommends an additional appropriation of $321,508,000 for Research, Development, Test and Evaluation. The Committee recommendation for each research, development, test and evaluation account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY			
16	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	2,000	2,000	0
80	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	500	500	0
114	INTEGRATED BASE DEFENSE	2,020	2,020	0
131	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - DEV FG5 excess to need	27,000	20,000 -7,000	-7,000
159	COMMON INFRARED COUNTERMEASURES	2,300	2,300	0
166	AIRCRAFT SURVIVABILITY DEVELOPMENT	64,625	64,625	0
183	ELECTRONIC WARFARE DEVELOPMENT	3,900	3,900	0
198	EXPLOITATION OF FOREIGN ITEMS	1,000	1,000	0
209	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	4,137	4,137	0
239	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	2,300	2,300	0
248	SECURITY AND INTELLIGENCE ACTIVITIES	23,367	23,367	0
257	TACTICAL UNMANNED AERIAL VEHICLES	34,100	34,100	0
258	AIRBORNE RECONNAISSANCE SYSTEMS	15,575	15,575	0
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY	182,824	175,824	-7,000
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY			
39	RETRACT LARCH	36,500	36,500	0
58	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	14,461	14,461	0
63	CHALK CORAL	3,000	3,000	0
71	LAND ATTACK TECHNOLOGY	1,457	1,457	0
142	SHIP SELF DEFENSE (DETECT & CONTROL)	1,144	1,144	0

R-1		Budget Request	Committee Recommended	Change from Request
229	USMC INTEL/ELECTRONIC WARFARE SYSTEMS	3,000	3,000	0
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY	59,562	59,562	0
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE			
185	JOINT COUNTER RCIED ELECTRONIC WARFARE	4,080	4,080	0
228	INTEL DATA APPLICATIONS	1,224	1,224	0
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE	5,304	5,304	0
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE WIDE			
10	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	3,699	3,699	0
26	COMBATING TERRORISM TECHNOLOGY SUPPORT	19,288	19,288	0
28	COUNTER IMPROVISED-THREAT SIMULATION	3,861	3,861	0
97	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	19,931	19,931	0
260	OPERATIONAL ENHANCEMENTS	1,186	1,186	0
261	WARRIOR SYSTEMS	5,796	5,796	0
263	UNMANNED ISR	5,000	3,000	-2,000
	Excess to need - underexecution		-2,000	
999	CLASSIFIED PROGRAMS	24,057	24,057	0
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE WIDE	82,818	80,818	-2,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION	330,508	321,508	-9,000

REVOLVING AND MANAGEMENT FUNDS

DEFENSE WORKING CAPITAL FUNDS

The Committee recommends an additional appropriation of $20,090,000 for Defense Working Capital Funds.

OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

The Committee recommends an additional appropriation of $365,098,000 for the Defense Health Program. The Committee recommendation is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
IN-HOUSE CARE	65,072	65,072	0
PRIVATE SECTOR CARE	296,828	296,828	0
CONSOLIDATED HEALTH SUPPORT	3,198	3,198	0
TOTAL, OPERATION AND MAINTENANCE	365,098	365,098	0

OFFICE OF THE INSPECTOR GENERAL

The Committee recommends an additional appropriation of $24,069,000 for the Office of the Inspector General.

GENERAL PROVISIONS

Title IX of the accompanying bill includes 30 general provisions, many of which extend or modify war-related authorities included in previous Acts. A brief description of each provision follows:

Section 9001 has been amended and provides that funds made available in this title are in addition to funds appropriated or otherwise made available for the Department of Defense for fiscal year 2021.

Section 9002 has been amended and provides for general transfer authority within title IX.

Section 9003 provides that supervision and administration costs associated with a construction project funded with appropriations available for operation and maintenance or the Afghanistan Security Forces Fund may be obligated at the time a construction contract is awarded.

Section 9004 provides for the procurement of passenger motor vehicles and heavy and light armored vehicles for use by military and civilian employees of the Department of Defense in the United States Central Command area.

Section 9005 has been amended and provides funding for the Commanders' Emergency Response Program, with certain limitations.

Section 9006 provides lift and sustainment to coalition forces supporting military and stability operations in Iraq and Afghanistan.

Section 9007 has been amended and prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Section 9008 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 9009 limits the obligation of funding for the Afghanistan Security Forces Fund until certain conditions have been met.

Section 9010 provides for the purchase of items of a particular investment unit cost from funding made available for operation and maintenance.

Section 9011 provides security assistance to the Government of Jordan.

Section 9012 has been amended and prohibits the use of funding under certain headings to procure or transfer man-portable air defense systems.

Section 9013 has been amended and provides assistance to the military and national security forces of Ukraine.

Section 9014 provides replacement funds for items provided to the Government of Ukraine from the inventory of the United States.

Section 9015 prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Section 9016 has been amended and provides for the transfer of excess equipment to foreign forces receiving equipment through the Counter-ISIS Train and Equip Fund.

Section 9017 has been amended and restricts funds provided for reimbursement to the Government of Pakistan for border security operations until certain conditions are met.

Section 9018 prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Section 9019 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 9020 has been amended and prohibits the transfer of additional C–130 cargo aircraft to the Afghanistan National Security Forces or Afghanistan Air Force.

Section 9021 has been amended and requires the Secretary of Defense to certify the use of funds in the Afghanistan Security Forces Fund under certain conditions.

Section 9022 has been amended and restricts funds provided in this Act for any member of the Taliban.

Section 9023 provides that nothing in this Act may be construed as authorizing the use of force against Iran.

Section 9024 is new and requires the Secretary to provide a notification when a foreign base is open or closed.

Section 9025 has been amended and provides funds to the Department of Defense to improve near-term intelligence, surveillance, and reconnaissance capabilities.

(RESCISSIONS)

Section 9026 has been amended and provides for the rescission of $1,446,400,000 from the following programs:

2019 Appropriations:	
Aircraft Procurement, Air Force:	
B–52 infrared threat defense UON	$16,400,000
2020 Appropriations:	
Operation and Maintenance, Defense-Wide:	
Defense Security Cooperation Account	80,000,000
Afghanistan Security Forces Fund:	
Afghanistan Security Forces Fund	1,100,000,000
Counter-ISIS Train and Equip Fund:	
Counter-ISIS Train and Equip Fund	250,000,000

Section 9027 requires the President to designate overseas contingency operations/global war on terrorism funds.

Section 9028 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 9029 is new and repeals the Authorization for Use of Military Force Against Iraq Resolution of 2002 (Public Law 107–243).

Section 9030 is new and prohibits funds in the Act for any use of military force in or against Iran, with certain exceptions.

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.

RESCISSIONS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House or Representatives, the following table is submitted describing the rescissions recommended in the accompanying bill:

Procurement of Weapons and Tracked Combat Vehicles, Army, 2019/2021	$14,250,000
Other Procurement, Army, 2019/2021	12,953,000
Aircraft Procurement, Navy, 2019/2021	7,983,000
Other Procurement, Navy, 2019/2021	2,226,000
Aircraft Procurement, Air Force, 2019/2021	236,624,000
Other Procurement, Air Force, 2019/2021	12,400,000
Operation and Maintenance, Defense-Wide: DSCA Security Cooperation Account, 2020/2021	20,000,000
Procurement of Weapons and Tracked Combat Vehicles, Army, 2020/2022	93,840,000
Other Procurement, Army, 2020/2022	10,878,000
Aircraft Procurement, Navy, 2020/2022	351,009,000
Shipbuilding and Conversion, Navy: TAO Fleet Oiler AP, 2020/2024	73,000,000
Shipbuilding and Conversion, Navy: CVN Refueling Overhauls, 2020/2024	13,100,000
Other Procurement, Navy, 2020/2022	60,920,000
Procurement, Marine Corps, 2020/2022	33,539,000
Aircraft Procurement, Air Force, 2020/2022	439,458,000
Missile Procurement, Air Force, 2020/2022	24,500,000
Other Procurement, Air Force, 2020/2022	11,226,000

Research, Development, Test and Evaluation, Army, 2020/2021	310,622,000
Research, Development, Test and Evaluation, Navy, 2020/2021	70,000,000
Research, Development, Test and Evaluation, Air Force, 2020/2021	219,341,000
Research, Development, Test and Evaluation, Defense-Wide, 2020/2021	323,231,000
Defense Working Capital Fund: Defense Counterintelligence and Security Agency Working Capital Fund, 2020/20XX	150,000,000
Overseas Contingency Operations/Global War on Terrorism:	
Aircraft Procurement, Air Force, 2019/2021	$16,400,000
Operation and Maintenance, Defense-Wide: Defense Security Cooperation Account, 2020/2021	80,000,000
Afghanistan Security Forces Fund, 2020/2021	1,100,000,000
Counter-ISIS Train and Equip Fund, 2020/2021	250,000,000

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. 8051" 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. 8054" 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. 8063" 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. 8066" 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. 8069" 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. 8070" 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. 8087" 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. 8091" 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. 8094" which provides for the transfer of funds for the National Intelligence Program.

Language has been included under "General Provisions, Sec. 8110" 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 title IX "General Provisions, Sec. 9002" which provides for the authority to transfer funds between the appropriations or funds made available to the Department of Defense in title IX, subject to certain conditions.

Language has been included under title IX "General Provisions, Sec. 9025" which provides for the transfer of funds to the operation

and maintenance, military personnel, and procurement accounts, to improve the intelligence, surveillance, and reconnaissance capabilities of the Department of Defense.

EARMARK DISCLOSURE STATEMENT

Neither the bill nor the report contains any congressional earmarks, limited tax benefits, or limited tariff benefits as defined in Clause 9 of rule XXI.

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, is shown as follows (existing law proposed to be omitted is enclosed in black brackets):

AUTHORIZATION FOR USE OF MILITARY FORCE

Joint Resolution To authorize the use of United States Armed Forces against those responsible for the recent attacks launched against the United States.

[Whereas, on September 11, 2001, acts of treacherous violence were committed against the United States and its citizens; and

[Whereas, such acts render it both necessary and appropriate that the United States exercise its rights to self-defense and to protect United States citizens both at home and abroad; and

[Whereas, in light of the threat to the national security and foreign policy of the United States posed by these grave acts of violence; and

[Whereas, such acts continue to pose an unusual and extraordinary threat to the national security and foreign policy of the United States; and

[Whereas, the President has authority under the Constitution to take action to deter and prevent acts of international terrorism against the United States: Now, therefore, be it

[*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,*

[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 statutory 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.]

AUTHORIZATION FOR USE OF MILITARY FORCE AGAINST IRAQ RESOLUTION OF 2002

Joint Resolution To authorize the use of United States Armed Forces against Iraq.

[Whereas in 1990 in response to Iraq's war of aggression against and illegal occupation of Kuwait, the United States forged a coalition of nations to liberate Kuwait and its people in order to defend the national security of the United States and enforce United Nations Security Council resolutions relating to Iraq;

[Whereas after the liberation of Kuwait in 1991, Iraq entered into a United Nations sponsored cease-fire agreement pursuant to which Iraq unequivocally agreed, among other things, to eliminate its nuclear, biological, and chemical weapons programs and the means to deliver and develop them, and to end its support for international terrorism;

[Whereas the efforts of international weapons inspectors, United States intelligence agencies, and Iraqi defectors led to the discovery that Iraq had large stockpiles of chemical weapons and a large scale biological weapons program, and that Iraq had an advanced nuclear weapons development program that was much closer to producing a nuclear weapon than intelligence reporting had previously indicated;

[Whereas Iraq, in direct and flagrant violation of the cease-fire, attempted to thwart the efforts of weapons inspectors to identify and destroy Iraq's weapons of mass destruction stockpiles and development capabilities, which finally resulted in the withdrawal of inspectors from Iraq on October 31, 1998;

[Whereas in Public Law 105–235 (August 14, 1998), Congress concluded that Iraq's continuing weapons of mass destruction programs threatened vital United States interests and international peace and security, declared Iraq to be in "material and unacceptable breach of its international obligations" and urged the President "to take appropriate action, in accordance with the Constitution and relevant laws of the United States, to bring Iraq into compliance with its international obligations";

[Whereas Iraq both poses a continuing threat to the national security of the United States and international peace and security in the Persian Gulf region and remains in material and unacceptable breach of its international obligations by, among other things, continuing to possess and develop a significant chemical and biological weapons capability, actively seeking a nuclear weapons capability, and supporting and harboring terrorist organizations;

[Whereas Iraq persists in violating resolution of the United Nations Security Council by continuing to engage in brutal repression of its civilian population thereby threatening international peace and security in the region, by refusing to release, repatriate, or account for non-Iraqi citizens wrongfully detained by Iraq, including an American serviceman, and by

failing to return property wrongfully seized by Iraq from Kuwait;

[Whereas the current Iraqi regime has demonstrated its capability and willingness to use weapons of mass destruction against other nations and its own people;

[Whereas the current Iraqi regime has demonstrated its continuing hostility toward, and willingness to attack, the United States, including by attempting in 1993 to assassinate former President Bush and by firing on many thousands of occasions on United States and Coalition Armed Forces engaged in enforcing the resolutions of the United Nations Security Council;

[Whereas members of al Qaida, an organization bearing responsibility for attacks on the United States, its citizens, and interests, including the attacks that occurred on September 11, 2001, are known to be in Iraq;

[Whereas Iraq continues to aid and harbor other international terrorist organizations, including organizations that threaten the lives and safety of United States citizens;

[Whereas the attacks on the United States of September 11, 2001, underscored the gravity of the threat posed by the acquisition of weapons of mass destruction by international terrorist organizations;

[Whereas Iraq's demonstrated capability and willingness to use weapons of mass destruction, the risk that the current Iraqi regime will either employ those weapons to launch a surprise attack against the United States or its Armed Forces or provide them to international terrorists who would do so, and the extreme magnitude of harm that would result to the United States and its citizens from such an attack, combine to justify action by the United States to defend itself;

[Whereas United Nations Security Council Resolution 678 (1990) authorizes the use of all necessary means to enforce United Nations Security Council Resolution 660 (1990) and subsequent relevant resolutions and to compel Iraq to cease certain activities that threaten international peace and security, including the development of weapons of mass destruction and refusal or obstruction of United Nations weapons inspections in violation of United Nations Security Council Resolution 687 (1991), repression of its civilian population in violation of United Nations Security Council Resolution 688 (1991), and threatening its neighbors or United Nations operations in Iraq in violation of United Nations Security Council Resolution 949 (1994);

[Whereas in the Authorization for Use of Military Force Against Iraq Resolution (Public Law 102–1), Congress has authorized the President "to use United States Armed Forces pursuant to United Nations Security Council Resolution 678 (1990) in order to achieve implementation of Security Council Resolution 660, 661, 662, 664, 665, 666, 667, 669, 670, 674, and 677";

[Whereas in December 1991, Congress expressed its sense that it "supports the use of all necessary means to achieve the goals of United Nations Security Council Resolution 687 as being consistent with the Authorization of Use of Military Force Against Iraq Resolution (Public Law 102–1)," that Iraq's re-

pression of its civilian population violates United Nations Security Council Resolution 688 and "constitutes a continuing threat to the peace, security, and stability of the Persian Gulf region," and that Congress, "supports the use of all necessary means to achieve the goals of United Nations Security Council Resolution 688";

[Whereas the Iraq Liberation Act of 1998 (Public Law 105–338) expressed the sense of Congress that it should be the policy of the United States to support efforts to remove from power the current Iraqi regime and promote the emergence of a democratic government to replace that regime;

[Whereas on September 12, 2002, President Bush committed the United States to "work with the United Nations Security Council to meet our common challenge" posed by Iraq and to "work for the necessary resolutions," while also making clear that "the Security Council resolutions will be enforced, and the just demands of peace and security will be met, or action will be unavoidable";

[Whereas the United States is determined to prosecute the war on terrorism and Iraq's ongoing support for international terrorist groups combined with its development of weapons of mass destruction in direct violation of its obligations under the 1991 cease-fire and other United Nations Security Council resolutions make clear that it is in the national security interests of the United States and in furtherance of the war on terrorism that all relevant United Nations Security Council resolutions be enforced, including through the use of force if necessary;

[Whereas Congress has taken steps to pursue vigorously the war on terrorism through the provision of authorities and funding requested by the President to take the necessary actions against international terrorists and terrorist organizations, including those nations, organizations, or persons who planned, authorized, committed, or aided the terrorist attacks that occurred on September 11, 2001, or harbored such persons or organizations;

[Whereas the President and Congress are determined to continue to take all appropriate actions against international terrorists and terrorist organizations, including those nations, organizations, or persons who planned, authorized, committed, or aided the terrorist attacks that occurred on September 11, 2001, or harbored such persons or organizations;

[Whereas the President has authority under the Constitution to take action in order to deter and prevent acts of international terrorism against the United States, as Congress recognized in the joint resolution on Authorization for Use of Military Force (Public Law 107–40); and

[Whereas it is in the national security interests of the United States to restore international peace and security to the Persian Gulf region: Now, therefore, be it

[Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,

[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.]

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 $6,859,000 for the Combatant Commander Initiative Fund.

Language is included that provides not less than $48,000,000 for the Procurement Technical Assistance Cooperative Agreement Program, of which not less than $4,500,000 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 $17,732,000 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 that makes funds available to provide support to foreign security forces and other groups, and makes a portion of the funds available for two years.

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 to the 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 $8,000,000 of funds provided under the heading "Defense Health Program" shall be available for HIV/AIDS prevention educational activities.

Language is included that provides for the carry-over of no more than one percent of operation and maintenance funds provided under the heading "Defense Health Program".

Language is included under the heading "Defense Health Program" that provides that not less than $1,020,500,000 shall be made available to the U.S. Army Medical Research and Materiel Command 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 this 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 the tables titled "Explanation of Project Level Adjustments" in this 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 fiscal year 2021.

Language is included that provides for limitations on the use and transfer of working capital fund cash balances.

Language is included that prohibits the use of funds appropriated by this Act 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 provided in this Act to initiate multi-year 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 and sets forth certain requirements related to end strength for the budget submission.

Language is included that prohibits funds made available in this Act from being used to influence congressional action on matters pending before the Congress.

Language is included that prohibits the use of funds to pay compensation to any member of the Army participating as a full-time student and receiving benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment, with certain exceptions.

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 nonappropriated funds activity of the Department of Defense that procures malt beverages and wine.

Language is included that prohibits the use of funds made available to the Department of Defense to demilitarize or destroy sur-

plus firearms or small arms ammunition except under certain circumstances.

Language is included that provides a limitation on the use of funds 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).

Language is included that provides that no funds made available by this Act for the Defense Media Activity may be used for national or international political or psychological activities.

Language is included that provides for the obligation of funds for purposes specified in section 2350j(c) of title 10, United States Code, 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 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 provides for the Department of Defense to procure carbon, alloy, or armor steel plate melted and rolled only in the United States or Canada.

Language is included that defines congressional defense committees for the purposes of this Act.

Language is included that provides for competitions between private firms and Department of Defense Depot Maintenance Activities for modification, depot maintenance, and repair of aircraft, vehicles, and vessels, as well as the production of components and other Defense-related articles.

Language is included that provides for revocation of blanket waivers of the Buy America Act upon a finding that a country has violated a reciprocal trade agreement by discriminating against products produced in the United States that are covered by the agreement.

Language is included that provides for the availability of funds for the Department of Defense Overseas Military Facility Investment Recovery Account established by section 2921(c)(1) of the 1991 National Defense Authorization Act.

Language is included that provides for the conveyance, without consideration, of excess relocatable housing units located at Grand Forks, Malmstrom, Mountain Home, Ellsworth, and Minot Air Force Bases to Indian tribes.

Language is included that provides for the availability of operation and maintenance appropriations to purchase items having an investment item unit cost of not more than $250,000.

Language is included that provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Language is included that provides for the issuance of regulations placing certain limitations on the sale of tobacco products in military resale outlets.

Language is included that limits the purchase of specified investment items with Working Capital Funds.

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 Central Services Working Capital Fund, or other certain programs authorized under section 503 of the National Security Act of 1947.

Language is included that provides that not less than $12,000,000 appropriated under the heading "Operation and Maintenance, Defense-Wide" shall be for mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Language is included that provides for the Department of Defense to comply with the Buy American Act (chapter 83 of title 41, United States Code).

Language is included that limits the use of funds made available in this Act to establish or support field operating agencies.

Language is included that limits the use of funds appropriated by this Act for the conversion of an activity or function of the Department of Defense to contractor performance.

Language is included in title VIII and title IX that provides for the rescission of previously appropriated funds.

Language is included that prohibits the use of 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 the use of funds made available in this Act for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Language is included that provides for the use of operation and maintenance funds appropriated in this Act 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 provides that funds made available to the Department of Defense and Central Intelligence Agency for drug interdiction and counter-drug activities may not be transferred to other agencies.

Language is included that prohibits the use of funds appropriated by this Act for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Language is included to provide funding to make grants to specified entities upon determination by the Secretary of Defense that such grants serve the national interest.

Language is included that provides for the Department of Defense to purchase supercomputers manufactured only in the United States with an exception for certain circumstances.

Language is included to allow for Small Business Innovation Research program and Small Business Technology Transfer program setasides.

Language is included that prohibits the use of funds made available in this Act to pay contractor bonuses arising from a business restructuring.

Language is included that provides for the transfer of funds to be used in support of personnel supporting approved 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 spaceavailable, reimbursable basis.

Language is included that provides for the use of funds made available under the heading "Operation and Maintenance, Defense-Wide" for high priority Sexual Assault Prevention and Response program requirements, including the transfer of funds.

Language is included that provides a 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 provides for a waiver by the Secretary of Defense of "Buy America" provisions for certain cooperative programs.

Language is included that prohibits the use of funds made available in this Act for repairs or maintenance to military family housing units, for which funds are provided in other appropriations acts.

Language is included that provides that funds for new starts for advanced concept technology demonstration projects may be obligated or expended only after notification to the congressional defense committees.

Language is included that provides that the Secretary of Defense shall continue to 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 provided 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 one year or less to certain organizations specified by section 508(d) of title 32, United States Code.

Language is included that provides for the transfer of funds made available in this Act under the heading "Operation and Maintenance, Army" to other activities of the Federal Government for certain purposes.

Language is included that prohibits the modification of the appropriations account structure or presentation of the budget request for the National Intelligence Program, or modification of the process by which National Intelligence Program appropriations are apportioned, allotted, obligated, and disbursed.

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 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 to be submitted to congressional defense committees.

Language is included that provides funding and transfer authority for the Israeli Cooperative missile defense programs.

Language is included that provides for the availability and transfer of funds to properly complete prior year shipbuilding programs.

Language is included that provides that funds made available by this Act are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947 until enactment of the Intelligence Authorization Act.

Language is included that prohibits the use of funds provided in this Act to initiate a new start program without prior written notification.

Language is included that provides that the budget of the President for fiscal year 2022 shall include separate budget justification documents for costs of the United States Armed Forces' participation in contingency operations that contain certain budget exhibits as defined in the Department of Defense Financial Management Regulation.

Language is included that prohibits the use of funds made available in this Act for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Language is included that provides for prompt notification of the use of funds for rapid acquisition and deployment of supplies and support services.

Language is included that prohibits the use of funds made available in this Act to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Language is included that prohibits the use of funds made available in this Act for the integration of foreign intelligence informa-

tion unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Language is included that prohibits the transfer of program authorities related to tactical unmanned aerial vehicles from the Army.

Language is included that limits the obligation authority of funds provided for the Office of the Director of National Intelligence to the current fiscal year except for research and technology which shall remain available for the current and the following fiscal years.

Language is included that provides for the adjustment of obligations within 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 requires notification to the congressional defense committees prior to the use of funds for support to foreign countries in connection with the conduct of certain operations.

Language is included that requires certain transfers of funds from the Defense Acquisition Workforce Development Account be made in accordance with reprogramming and transfer procedures.

Language is included that prohibits the use of funds made available by this Act for excess defense articles, assistance, or peacekeeping operations for countries designated to be in violation of the standards of the Child Soldiers Prevention Act of 2008.

Language is included that sets forth reprogramming and transfer procedures for the National Intelligence Program.

Language is included that defines the congressional intelligence committees for the purposes of this Act.

Language is included that provides that funds from certain operation and maintenance accounts may be transferred to a central fund established for Fisher Houses and Suites pursuant to section 2493(d) of title 10, United States Code.

Language is included that prohibits funds appropriated by this Act from being used to make remittances to the Defense Acquisition Workforce Development Account.

Language is included that provides that agencies post congressionally directed reports on a public website.

Language is included that provides limitations on the award of contracts to contractors that require mandatory arbitration for certain claims as a condition of employment or a contractual relationship. The Secretary of Defense is authorized to waive the applicability of these limitations for national security interests.

Language is included that provides for the availability and transfer of funds for the Joint Department of Defense–Department of Veterans Affairs Medical Facility Demonstration Fund.

Language is included that prohibits the use of funds in contravention of section 130h of title 10, United States Code.

Language is included that provides for the purchase of heavy and light armored vehicles for physical security or force protection purposes.

Language is included that provides transfer authority for the Director of National Intelligence for the National Intelligence Program subject to certain limitations.

Language is included that prohibits the use of funds in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that prohibits the Department of Defense from entering into certain agreements with Rosoboronexport with certain waiver authorities.

Language is included that prohibits the use of funds for the purchase or manufacture of a United States flag unless such flag is treated as a covered item under section 2533a(b) of title 10, United States Code.

Language is included that requires grant awards to be posted on a public website in a searchable format.

Language is included that places restrictions on transfer amounts available in the Rapid Prototyping Fund.

Language is included that prohibits the use of funds by the National Security Agency for certain activities.

Language is included that prohibits the use of funds made available in this or any other Act to pay the salary of any officer or employee who approves or implements the transfer of certain administrative responsibilities or budgetary resources unless expressly provided for in Defense Appropriations Acts.

Language is included that makes available certain funds provided under the heading "Operation and Maintenance, Navy" may be used for any purposes related to the National Defense Reserve Fleet.

Language is included that prohibits the use of funds to provide counterterrorism support to foreign partners unless the congressional defense committees are notified accordingly.

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

Language is included that prohibits the use of funds made available by this Act to pay Government Travel Charge Card expenses for gaming or certain entertainment activities.

Language is included that prohibits funding for computer networks that do not block pornography, subject to certain law enforcement and national defense exceptions.

Language is included that prohibits funds to deliver F–35 aircraft to the Republic of Turkey.

Language is included that prohibits the transfer of Department of Defense funds for certain purposes except in accordance with reprogramming and transfer procedures.

Language is included that provides additional funds for purposes of repairing schools on military installations subject to certain requirements.

Language is included that changes certain time limitations on embryo cryopreservation and storage.

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 allows certain funds to be obligated to make death gratuity payments if appropriations for "Military Personnel" are not available for obligation of such payments.

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 provides that any advance billing for background investigation services and related services purchased from activities financed using the Defense Working Capital Fund shall be excluded from the calculation of cumulative advance billings.

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 provides funds appropriated under military personnel accounts may be used for expenses for members of the Space Force.

Language is included that requires the Director of the Defense Security Cooperation Agency to submit a spend plan.

Language is included that reduces funding due to favorable foreign exchange rates.

Language is included that reduces funding due to favorable fuel costs.

Language is included that prohibits funds from being used to exclude or implement the exclusion of the Department of Defense from cover under the Federal Service Labor Management Relations Statute.

Language is included that requires the Secretary of Defense to provide information and documents regarding the December 1981 massacre in El Mozote.

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 requires the Secretary of Defense to report on deployed personnel by each geographic combatant command.

Language is included that requires the Secretary of Defense to provide notification before the deployment of security force assistance brigades.

Language is included that provides funds for the purposes of public healthcare professionals and public health laboratory staff, laboratory and medical equipment, and medical supplies.

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 any Littoral Combat Ships.

Language is included that requires the Secretary of Defense provide notification of deployments of armed forces to locations outside the United States.

Language is included that requires any personal property provided by the Department of Defense to State or local entities must follow the direction outlined in the "Recommendations Pursuant to Executive Order 13688, Federal Support for Local Law Enforcement Equipment Acquisition", dated May 2015.

Language is included that prohibits the use of funds to conduct, or prepare to conduct, any explosive nuclear weapons test that produces any yield. This section does not limit science-based stockpile stewardship activities consistent with the zero-yield standard or requirements under other provisions of law, such as sections 2523 and 2525 of title 50, United States Code.

Language is included that prohibits funds to construct a wall, fence, border barriers, or border security infrastructure along the southern land border of the United States.

Language is included that requires funds provided for the Department of Defense for fiscal year 2020 that were transferred by the Department and remain unobligated be returned to the original accounts.

Language is included that limits the use of active armed forces on the southern border unless the costs are reimbursed by the requesting agency.

Language is included that provides $50,000,000 for a new program that will assist communities that surround military installations with excessive decibel noise caused by military aircraft.

Language is included that prohibits the use of funds to provide guidance on, review, prepare, approve, or recommend budget request funding levels or initiatives for the Department of Energy.

Language is included that provides funding for renaming Army installations, facilities, roads, and streets named after confederate leaders and officers.

Language is included under the heading "Operation and Maintenance, Defense-Wide" that provides for the use of funds for certain purposes subject to certain requirements and requires the submission of certain reports.

Language is included under the heading "Afghanistan Security Forces Fund" that provides for the use of funds for certain purposes and the management of contributions and returned items.

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 provides that funds made available in title IX are in addition to amounts appropriated or otherwise made available for the Department of Defense for the current fiscal year.

Language is included that provides for general transfer authority within title IX.

Language is included that provides that supervision and administration costs associated with a construction project funded with appropriations available for operation and maintenance or the Afghanistan Security Forces Fund may be obligated at the time a construction contract is awarded.

Language is included that provides for the availability of funds to purchase passenger, heavy, and light armored vehicles notwithstanding price or other limitations on the purchase of passenger carrying vehicles for use in the U.S. Central Command area of responsibility.

Language is included that provides funds and authority for the Commanders' Emergency Response Program and establishes certain reporting requirements.

Language is included that authorizes the use of funds to provide certain assistance to coalition forces supporting military and stability operations in Iraq and Afghanistan and to counter the Islamic State of Iraq and the Syria; and establishes certain reporting requirements.

Language is included that prohibits the use of funds to establish permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Language is included that prohibits the use of funds in contravention of certain laws or regulations promulgated to implement the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Language is included that places limitations on the use of Afghanistan Security Forces Funds and requires certain certifications.

Language is included that provides for the availability of funds appropriated in title IX of this Act for the purchase of items having an investment unit cost of up to $500,000, subject to certain conditions.

Language is included that provides for up to $500,000,000 of funds appropriated by this Act under the heading "Operation and Maintenance, Defense-Wide" to be used for assistance to the Government of Jordan for certain purposes.

Language is included prohibiting the use of funds made available by this Act under certain headings to procure or transfer man-portable air defense systems.

Language is included that provides for $275,000,000 for assistance to the military and national security forces of Ukraine for certain purposes and under certain conditions.

Language is included providing for the availability of funds appropriated in title IX for replacement of items provided to the Government of Ukraine from the inventory of the United States to the extent provided for in this Act.

Language is included that prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Language is included that provides for the transfer of excess equipment to foreign forces receiving equipment through the Counter-ISIS Train and Equip Fund.

Language is included that restricts funds provided for reimbursement to the Government of Pakistan for border security operations until certain conditions are met.

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 prohibits the transfer of additional C–130 cargo aircraft to the Afghanistan National Security Forces or Afghanistan Air Force.

Language is included that requires the Secretary of Defense to certify the use of funds in the Afghanistan Security Forces Fund under certain conditions.

Language is included that restricts funds provided in this Act for any member of the Taliban.

Language is included that provides that nothing in this Act may be construed as authorizing the use of force against Iran.

Language is included that requires the Secretary to provide a notification when a foreign bases is open or closed.

Language is included that provides for additional funds and transfer authority to improve the intelligence, surveillance, and reconnaissance capabilities of the Department of Defense, subject to reporting requirements.

Language is included that rescinds certain funds made available in prior years in title IX.

Language is included that provides that amounts designed in this Act as Overseas Contingency Operations/Global War on Terrorism shall be available only if the President subsequently so designates all such amounts and transmits such designations to the Congress.

Language is included that repeals the Authorization for Use of Military Force 240 days after the date of enactment of this Act.

Language is included that repeals the Authorization for Use of Military Force Against Iraq Resolution of 2002.

Language is included that prohibits funds in the Act for any use of military force in or against Iran, with certain exceptions.

APPROPRIATIONS NOT AUTHORIZED BY LAW

Pursuant to clause 3(f)(1) fo 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 2021	2021 compared to 2019	2021 compared to 2020
DEPARTMENT OF DEFENSE						
Military Personnel, Army	2020	(1)	42,746,972	44,936,603	2,246,561	2,189,631
Military Personnel, Navy	2020	(1)	31,710,431	33,757,999	3,593,518	2,047,568
Military Personnel, Marine Corps	2020	(1)	14,098,666	14,534,551	755,513	435,885
Military Personnel, Air Force	2020	(1)	31,239,149	32,675,965	2,601,274	1,436,816
Reserve Personnel, Army	2020	(1)	4,922,087	5,025,216	188,269	103,129
Reserve Personnel, Navy	2020	(1)	2,115,997	2,223,690	174,669	107,693
Reserve Personnel, Marine Corps	2020	(1)	833,604	857,394	75,004	23,790
Reserve Personnel, Air Force	2020	(1)	2,014,190	2,179,763	319,357	165,573
National Guard Personnel, Army	2020	(1)	8,704,320	8,639,005	38,060	-65,315
National Guard Personnel, Air Force	2020	(1)	4,060,651	4,525,466	826,386	464,815
Operation and Maintenance, Army	2020	40,158,286	39,597,083	40,424,428	278,946	827,345
Operation and Maintenance, Navy	2020	49,951,564	47,622,510	49,248,117	1,213,291	1,625,607
Operation and Maintenance, Marine Corps	2020	7,441,724	7,868,468	7,512,336	972,287	-356,132
Operation and Maintenance, Air Force	2020	43,406,266	42,736,365	33,595,328	-6,783,856	-9,141,037
Operation and Maintenance, Space Force	2020	72,436	40,000	2,498,544	2,498,544	2,458,544
Operation and Maintenance, Defense-Wide	2020	36,922,673	37,491,073	38,967,817	3,354,463	1,476,744
Operation and Maintenance, Army Reserve	2020	2,988,594	2,984,494	3,004,717	223,315	20,223
Operation and Maintenance, Navy Reserve	2020	1,100,116	1,102,616	1,155,746	137,740	53,130
Operation and Maintenance, Marine Corps Reserve	2020	292,076	289,076	322,706	51,136	33,630
Operation and Maintenance, Air Force Reserve	2020	3,356,318	3,227,318	3,300,284	108,550	72,966
Operation and Maintenance, Army National Guard	2020	7,525,642	7,461,947	7,611,147	492,316	149,200
Operation and Maintenance, Air National Guard	2020	6,657,229	6,655,292	6,853,942	433,245	198,650
United States Court of Appeals for the Armed Forces	2020	14,771	14,771	15,211	549	440
Defense Acquisition Workforce Development Fund	2020	400,000	400,000	198,501	-251,499	-201,499
Environmental Restoration, Army	2020	212,518	251,700	264,285	28,476	12,585
Environmental Restoration, Navy	2020	350,932	385,000	404,250	38,367	19,250
Environmental Restoration, Air Force	2020	365,808	485,000	509,250	143,442	24,250
Environmental Restoration, Defense-Wide	2020	9,105	19,002	19,952	950	950
Environmental Restoration, Formerly Used Defense Sites	2020	216,499	275,000	288,750	40,077	13,750
Overseas Humanitarian, Disaster, and Civic Aid	2020	117,663	135,000	147,500	29,837	12,500
Cooperative Threat Reduction Account	2020	358,700	373,700	360,190	9,950	-13,510
Aircraft Procurement, Army	2020	3,671,475	3,771,329	3,503,013	-796,553	-268,316
Missile Procurement, Army	2020	3,053,228	2,995,673	3,419,333	274,077	423,660
Procurement of WTCV, Army	2020	4,868,977	4,663,597	3,696,263	-790,139	-967,334
Procurement of Ammunition, Army	2020	2,579,349	2,578,575	2,789,898	513,568	211,323
Other Procurement, Army	2020	7,284,972	7,581,524	8,453,422	608,731	871,898
Aircraft Procurement, Navy	2020	18,961,816	19,605,513	17,710,109	-2,382,090	-1,895,404
Weapons Procurement, Navy	2020	4,107,905	4,017,470	4,378,594	667,018	361,124
Procurement of Ammunition, Navy and Marine Corps	2020	892,291	843,401	795,134	-157,548	-48,267
Shipbuilding and Conversion, Navy	2020	23,590,052	23,975,378	22,257,938	-1,892,149	-1,717,440
Other Procurement, Navy	2020	9,302,099	10,075,257	9,986,796	889,658	-88,461
Procurement, Marine Corps	2020	2,989,541	2,898,422	2,693,354	-26,516	-205,068
Aircraft Procurement, Air Force	2020	18,569,718	17,512,361	19,587,853	2,475,516	2,075,492
Missile Procurement, Air Force	2020	2,869,937	2,575,890	2,249,157	-335,847	-326,733
Space Procurement, Air Force	2020	2,409,383	2,353,383	0	-2,343,642	-2,353,383
Procurement of Ammunition, Air Force	2020	1,617,761	1,625,661	609,338	-876,518	-1,016,323
Other Procurement, Air Force	2020	21,303,034	21,410,021	23,603,470	2,719,245	2,193,449
Procurement, Space Force	not authorized	0	0	2,289,934	2,289,934	2,289,934
Procurement, Defense-Wide	2020	5,028,727	5,332,147	5,418,220	-1,403,960	86,073
Research, Development, Test and Evaluation, Army	2020	11,857,473	12,543,435	13,126,499	2,042,675	583,064
Research, Development, Test and Evaluation, Navy	2020	19,674,604	20,155,115	20,165,874	1,655,310	10,759
Research, Development, Test and Evaluation, Air Force	2020	45,584,743	45,566,955	36,040,609	-5,188,866	-9,526,346
Research, Development, Test and Evaluation, Space Force	not authorized	0	0	10,187,840	10,187,840	10,187,840
Research, Development, Test and Evaluation, DW	2020	24,971,825	25,938,027	24,617,177	925,341	-1,320,850
Operational Test and Evaluation, Defense	2020	221,200	227,700	210,090	-170,919	-17,610
Defense Working Capital Funds	2020	1,426,211	1,564,211	1,348,910	-292,205	-215,301
Defense Health Program	2020	32,715,037	34,074,119	33,297,902	-709,617	-776,217
Chemical Agents and Munitions Destruction, Defense	2020	985,499	985,499	889,500	-104,316	-95,999
Drug Interdiction and Counter-Drug Activities, Defense	2020	781,402	893,059	746,223	-135,302	-146,836
Office of the Inspector General	2020	363,499	363,499	387,696	58,423	24,197
CIA Retirement and Disability System Fund	2020	N/A	514,000	514,000	0	0
Intelligence Community Management Account	2020	N/A	556,000	619,728	97,304	63,728
Title IX - Overseas Deployments and Other Activities	2020	70,578,580	70,665,000	68,435,000	521,000	-2,230,000
National Guard and Reserve Equipment	2020	265,000	1,300,000	1,000,000	-300,000	-300,000

1/ The FY 2020 National Defense Authorization Act authorizes $142,676,503 for military personnel

COMPARISON WITH THE BUDGET RESOLUTION

Section 308(a)(1)(A) of the Congressional Budget Act requires the report accompanying a bill providing new budget authority to contain a statement comparing the levels in the bill to the suballocations submitted under section 302(b) of the Act for the most recently agreed to concurrent resolution on the budget for the applicable fiscal year.

[In millions of dollars]

	302(b) Allocation			
	Budget Authority	Outlays	Budget Authority	Outlays
Comparison of amounts in the bill with Committee allocations to its subcommittees: Subcommittee on Defense				
Discretionary	626,190	646,172	[1] 694,625	685,207
Mandatory	514	514	[1] 514	514

[1] Includes outlays from prior-year budget authority.

NOTE.—Consistent with the funding recommended in the bill for overseas contingency operations/global war on terrorism, in accordance with section 251(b)(2) of the Balanced Budget and Emergency Deficit Control Act of 1985, and after the bill is reported to the House, the Chairman of the Committee on the Budget will provide a revised section 302(a) allocation reflecting an additional $XX,XXX million in discretionary budget authority and $XX,XXX million in associated outlays. That new allocation will eliminate the technical difference prior to Floor consideration.

In addition, the amounts in this report do not include $3,942 million in discretionary outlays from funding provided by the Families First Coronavirus Response Act (Public Law 116–127) and the CARES Act (Public Law 116–136), that was designated as being for emergency requirements pursuant to section 251 of the Balanced Budget Balanced Budget and Emergency Deficit Control Act of 1985. Consistent with the Congressional Budget Act of 1974, in the House of Representatives such amounts do not count against the Committee's allocation.

FIVE-YEAR OUTLAY PROJECTIONS

In compliance with section 308(a)(1)(B) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93–344), as amended, 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:	
2021	[1] 416,516
2022	167,019
2023	52,985
2024	27,350
2025 and future years	19,918

[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 or outlays are provided by the accompanying bill for financial assistance to State and local governments.

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.

COMMITTEE HEARINGS

For the purposes of section 103(i) of H. Res. 6 of the 116thCongress—

The following hearings were used to develop or consider the Departments of Defense Appropriations Act, 2021:

The Subcommittee on Defense held a closed oversight hearing on February 6, 2020, entitled "U.S. Strategic Command." The Subcommittee received testimony from:

Admiral Charles A. Richard, Commander, United States Strategic Command

The Subcommittee on Defense held a closed oversight hearing on February 27, 2020, entitled "U.S. European Command." The Subcommittee received testimony from:

General Tod D. Wolters, General, United States Air Force, U.S. European Command and NATO Supreme Allied Commander

The Subcommittee on Defense held a closed oversight hearing on February 27, 2020, entitled "World-Wide Threat." The Subcommittee received testimony from:

Lieutenant General Robert P. Ashley, Jr., Director, Defense Intelligence Agency

The Honorable Joseph D. Kernan, Under Secretary of Defense for Intelligence and Security, Office of the Under Secretary of Defense for Intelligence and Security

The Subcommittee on Defense held an oversight hearing on March 3, 2020, entitled "National Guard/Reserves." The Subcommittee received testimony from:

Lieutenant General David G. Bellon, Commander, Marine Forces Reserve

General Joseph L. Lengyel, Chief, National Guard Bureau

General Joseph L. Luckey, Chief, Army Reserve

Vice Admiral Luke McCollum, Chief, Navy Reserve

Lieutenant General Richard W. Scobee, Chief, Air Force Reserve

The Subcommittee on Defense held an oversight hearing on March 4, 2020, entitled "U.S. Navy/Marine Corps Budget Request for FY2021." The Subcommittee received testimony from:

General David H. Berger, Commandant, United States Marine Corps.

Admiral Michael M. Gilday, Chief, Naval Operations

Thomas B. Modly, Acting Secretary, United States Navy

The Subcommittee on Defense held an oversight hearing on March 4, 2020, entitled "U.S. Space Force Organizational Plan" The Subcommittee received testimony from:

Major General Clinton E. Crosier, Director, Space Force Planning, Office of the Chief of Space Operations

Lieutenant General David D. Thompson, Vice Commander, United States Space Force

The Subcommittee on Defense held an oversight hearing on March 5, 2020, entitled "Defense Health Program." The Subcommittee received testimony from:

Lieutenant General R. Scott Dingle, Surgeon General, United States Army

Rear Admiral Bruce L. Gillingham, Surgeon General, United States Navy

Lieutenant General Dorothy A. Hogg, Surgeon General, United States Air Force

Mr. Thomas McCaffery, Assistant Secretary of Defense for Health Affairs

Lieutenant General Ronald J. Place, Director, Defense Health Agency

Mr. Bill Tinston, Program Executive Officer, Defense Healthcare Management Systems

The Subcommittee on Defense held a closed oversight hearing on March 10, 2020, entitled "U.S. Southern Command." The Subcommittee received testimony from:

Admiral Craig S. Faller, Commander, United States Southern Command

The Subcommittee on Defense held an oversight hearing on March 10, 2020, entitled "U.S. Army Budget Request for FY2021." The Subcommittee received testimony from:

Ryan McCarthy, Secretary, United States Army

General James McConville, Chief of Staff, United States Army

The Subcommittee on Defense held a closed oversight hearing on March 11, 2020 entitled "U.S. Central Command." The Subcommittee received testimony from:

General Kenneth F. McKenzie, Jr., Commander, United States Central Command

The Subcommittee on Defense held a closed oversight hearing on March 11, 2020 entitled "U.S. Africa Command." The Subcommittee received testimony from:

General Stephen J. Townsend, Commander, United States Africa Command

The Subcommittee on Defense held an oversight hearing on March 12, 2020, entitled "Member Day." The Subcommittee received testimony from:

The Honorable Rodger Williams, Member of Congress
The Honorable George McGovern, Member of Congress
The Honorable Scott Perry, Member of Congress
The Honorable French Hill, Member of Congress
The Honorable Richard Hudson, Member of Congress
The Honorable Brian Fitzpatrick, Member of Congress
The Honorable Tom Suozzi, Member of Congress
The Honorable Glen (GT) Thompson, Member of Congress
The Honorable Jodey Arrington, Member of Congress
The Honorable Sheila Jackson Lee, Member of Congress
The Honorable Jenniffer González-Colón, Member of Congress
The Honorable Brad Wenstrup, Member of Congress
The Honorable Denny Heck, Member of Congress

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: July 14, 2020
Measure: Defense Appropriations Bill, FY21
Motion by: Ms. Lee
Description of Motion: Repeals the 2001 Authorization for Use of Military Force (P.L. 107-40) 240 days after the date of the enactment of this Act.
Results: Adopted 30 yeas to 22 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. Cole
Ms. Clark	Mr. Diaz-Balart
Mr. Crist	Mr. Fleischmann
Mr. Cuellar	Mr. Fortenberry
Ms. DeLauro	Ms. Granger
Ms. Frankel	Mr. Graves
Ms. Kaptur	Dr. Harris
Mr. Kilmer	Mr. Hurd
Mrs. Kirkpatrick	Mr. Joyce
Mrs. Lawrence	Mr. Moolenaar
Ms. Lee	Mr. Newhouse
Mrs. Lowey	Mr. Palazzo
Ms. McCollum	Mrs. Roby
Ms. Meng	Mr. Rogers
Ms. Pingree	Mr. Rutherford
Mr. Pocan	Mr. Simpson
Mr. Price	Mr. Stewart
Mr. Quigley	Mr. Womack
Ms. Roybal-Allard	
Mr. Ruppersberger	
Mr. Ryan	
Mr. Serrano	
Mrs. Torres	
Mr. Visclosky	
Ms. Wasserman Schultz	
Mrs. Watson Coleman	

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: July 14, 2020
Measure: Defense Appropriations Bill, FY21
Motion by: Mr. Diaz-Balart
Description of Motion: Prohibits the transfer of detainees to or within the United States, the transfer of detainees to any foreign country except under certain conditions, funding for new detainee facilities in the United States, and the closure or realignment of the military prison.
Results: Defeated 24 yeas to 28 nays

Members Voting Yea
Mr. Aderholt
Mr. Amodei
Mr. Calvert
Mr. Carter
Mr. Cole
Mr. Crist
Mr. Cuellar
Mr. Diaz-Balart
Mr. Fleischmann
Mr. Fortenberry
Ms. Granger
Mr. Graves
Dr. Harris
Ms. Herrera Beutler
Mr. Hurd
Mr. Joyce
Mr. Moolenaar
Mr. Newhouse
Mr. Palazzo
Mr. Rogers
Mr. Rutherford
Mr. Simpson
Mr. Stewart
Mr. Womack

Members Voting Nay
Mr. Aguilar
Mr. Bishop
Mrs. Bustos
Mr. Cartwright
Mr. Case
Ms. Clark
Ms. DeLauro
Ms. Frankel
Ms. Kaptur
Mr. Kilmer
Mrs. Kirkpatrick
Mrs. Lawrence
Ms. Lee
Mrs. Lowey
Ms. McCollum
Ms. Meng
Ms. Pingree
Mr. Pocan
Mr. Price
Mr. Quigley
Ms. Roybal-Allard
Mr. Ruppersberger
Mr. Ryan
Mr. Serrano
Mrs. Torres
Mr. Visclosky
Ms. Wasserman Schultz
Mrs. Watson Coleman

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: July 14, 2020
Measure: Defense Appropriations Bill, FY21
Motion by: Mr. Harris
Description of Motion: Strikes section 8134, which prohibits funding to construct a wall, fence, border barriers, or border security infrastructure along the southern land border; and section 8136, which permits the use of troops at the border for immigration security only if their expenses are reimbursed by the requesting Department or agency
Results: Defeated 21 yeas to 31 nays

Members Voting Yea
Mr. Aderholt
Mr. Amodei
Mr. Calvert
Mr. Carter
Mr. Cole
Mr. Diaz-Balart
Mr. Fleischmann
Mr. Fortenberry
Ms. Granger
Mr. Graves
Dr. Harris
Ms. Herrera Beutler
Mr. Joyce
Mr. Moolenaar
Mr. Newhouse
Mr. Palazzo
Mr. Rogers
Mr. Rutherford
Mr. Simpson
Mr. Stewart
Mr. Womack

Members Voting Nay
Mr. Aguilar
Mr. Bishop
Mrs. Bustos
Mr. Cartwright
Mr. Case
Ms. Clark
Mr. Crist
Mr. Cuellar
Ms. DeLauro
Ms. Frankel
Mr. Hurd
Ms. Kaptur
Mr. Kilmer
Mrs. Kirkpatrick
Mrs. Lawrence
Ms. Lee
Mrs. Lowey
Ms. McCollum
Ms. Meng
Ms. Pingree
Mr. Pocan
Mr. Price
Mr. Quigley
Ms. Roybal-Allard
Mr. Ruppersberger
Mr. Ryan
Mr. Serrano
Mrs. Torres
Mr. Visclosky
Ms. Wasserman Schultz
Mrs. Watson Coleman

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: July 14, 2020
Measure: Defense Appropriations Bill, FY21
Motion by: Ms. Lee
Description of Motion: Prohibits funds in the Act for any use of military force in or against Iran, with certain exceptions.
Results: Adopted 30 yeas to 22 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. Cole
Ms. Clark	Mr. Diaz-Balart
Mr. Crist	Mr. Fleischmann
Mr. Cuellar	Mr. Fortenberry
Ms. DeLauro	Ms. Granger
Ms. Frankel	Mr. Graves
Ms. Kaptur	Dr. Harris
Mr. Kilmer	Ms. Herrera Beutler
Mrs. Kirkpatrick	Mr. Hurd
Mrs. Lawrence	Mr. Joyce
Ms. Lee	Mr. Moolenaar
Mrs. Lowey	Mr. Newhouse
Ms. McCollum	Mr. Palazzo
Ms. Meng	Mr. Rogers
Ms. Pingree	Mr. Rutherford
Mr. Pocan	Mr. Simpson
Mr. Price	Mr. Stewart
Mr. Quigley	Mr. Womack
Ms. Roybal-Allard	
Mr. Ruppersberger	
Mr. Ryan	
Mr. Serrano	
Mrs. Torres	
Mr. Visclosky	
Ms. Wasserman Schultz	
Mrs. Watson Coleman	

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: July 14, 2020
Measure: Defense Appropriations Bill, FY21
Motion by: Mr. Harris
Description of Motion: Prohibits funds to an entity that provides abortions if, in the case of an abortion or attempted abortion that results in a child born alive, a health care practitioner does not act to preserve the life of the child, or such entity does not certify it has protocols to follow such actions and report any violations.
Results: Defeated 24 yeas to 28 nays

Members Voting Yea
Mr. Aderholt
Mr. Amodei
Mr. Bishop
Mr. Calvert
Mr. Carter
Mr. Cole
Mr. Cuellar
Mr. Diaz-Balart
Mr. Fleischmann
Mr. Fortenberry
Ms. Granger
Mr. Graves
Dr. Harris
Ms. Herrera Beutler
Mr. Hurd
Mr. Joyce
Mr. Moolenaar
Mr. Newhouse
Mr. Palazzo
Mr. Rogers
Mr. Rutherford
Mr. Simpson
Mr. Stewart
Mr. Womack

Members Voting Nay
Mr. Aguilar
Mrs. Bustos
Mr. Cartwright
Mr. Case
Ms. Clark
Mr. Crist
Ms. DeLauro
Ms. Frankel
Ms. Kaptur
Mr. Kilmer
Mrs. Kirkpatrick
Mrs. Lawrence
Ms. Lee
Mrs. Lowey
Ms. McCollum
Ms. Meng
Ms. Pingree
Mr. Pocan
Mr. Price
Mr. Quigley
Ms. Roybal-Allard
Mr. Ruppersberger
Mr. Ryan
Mr. Serrano
Mrs. Torres
Mr. Visclosky
Ms. Wasserman Schultz
Mrs. Watson Coleman

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: July 14, 2020
Measure: Defense Appropriations Bill, FY21
Motion by: Ms. Kaptur
Description of Motion: To Report the bill to the House, as amended.
Results: Adopted 30 yeas to 22 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. Cole
Ms. Clark	Mr. Diaz-Balart
Mr. Crist	Mr. Fleischmann
Mr. Cuellar	Mr. Fortenberry
Ms. DeLauro	Ms. Granger
Ms. Frankel	Mr. Graves
Ms. Kaptur	Dr. Harris
Mr. Kilmer	Ms. Herrera Beutler
Mrs. Kirkpatrick	Mr. Hurd
Mrs. Lawrence	Mr. Joyce
Ms. Lee	Mr. Moolenaar
Mrs. Lowey	Mr. Newhouse
Ms. McCollum	Mr. Palazzo
Ms. Meng	Mr. Rogers
Ms. Pingree	Mr. Rutherford
Mr. Pocan	Mr. Simpson
Mr. Price	Mr. Stewart
Mr. Quigley	Mr. Womack
Ms. Roybal-Allard	
Mr. Ruppersberger	
Mr. Ryan	
Mr. Serrano	
Mrs. Torres	
Mr. Visclosky	
Ms. Wasserman Schultz	
Mrs. Watson Coleman	

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army	42,746,972	45,087,813	44,936,603	+2,189,631	-151,210
Military Personnel, Navy	31,710,431	33,892,369	33,757,999	+2,047,568	-134,370
Military Personnel, Marine Corps	14,098,666	14,840,871	14,534,551	+435,885	-306,320
Military Personnel, Air Force	31,239,149	32,901,670	32,675,965	+1,436,816	-225,705
Reserve Personnel, Army	4,922,087	5,106,956	5,025,216	+103,129	-81,740
Reserve Personnel, Navy	2,115,997	2,240,710	2,223,690	+107,693	-17,020
Reserve Personnel, Marine Corps	833,604	868,694	857,394	+23,790	-11,300
Reserve Personnel, Air Force	2,014,190	2,207,823	2,179,763	+165,573	-28,060
National Guard Personnel, Army	8,704,320	8,830,111	8,639,005	-65,315	-191,106
National Guard Personnel, Air Force	4,060,651	4,547,087	4,525,466	+464,815	-21,621
Total, title I, Military Personnel	142,446,067	150,524,104	149,355,652	+6,909,585	-1,168,452
Total, Tricare Accrual payments (permanent, indefinite authority)	7,816,815	8,371,000	8,371,000	+554,185	---
Total, including Tricare	150,262,882	158,895,104	157,726,652	+7,463,770	-1,168,452

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army	39,597,083	40,312,968	40,424,428	+827,345	+111,460
Operation and Maintenance, Navy	47,622,510	49,692,742	49,248,117	+1,625,607	-444,625
Operation and Maintenance, Marine Corps	7,868,468	7,328,607	7,512,336	-356,132	+183,729
Operation and Maintenance, Air Force	42,736,365	34,750,597	33,595,328	-9,141,037	-1,155,269
Operation and Maintenance, Space Force	40,000	2,531,294	2,498,544	+2,458,544	-32,750
Operation and Maintenance, Defense-Wide	37,491,073	38,649,079	38,967,817	+1,476,744	+318,738
Operation and Maintenance, Army Reserve	2,984,494	2,934,717	3,004,717	+20,223	+70,000
Operation and Maintenance, Navy Reserve	1,102,616	1,127,046	1,155,746	+53,130	+28,700
Operation and Maintenance, Marine Corps Reserve	289,076	284,656	322,706	+33,630	+38,050
Operation and Maintenance, Air Force Reserve	3,227,318	3,350,284	3,300,284	+72,966	-50,000
Operation and Maintenance, Army National Guard	7,461,947	7,420,014	7,611,147	+149,200	+191,133
Operation and Maintenance, Air National Guard	6,655,292	6,753,642	6,853,942	+198,650	+100,300
United States Court of Appeals for the Armed Forces	14,771	15,211	15,211	+440	---
Environmental Restoration, Army	251,700	207,518	264,285	+12,585	+56,767
Environmental Restoration, Navy	385,000	335,932	404,250	+19,250	+68,318
Environmental Restoration, Air Force	485,000	303,926	509,250	+24,250	+205,324
Environmental Restoration, Defense-Wide	19,002	9,105	19,952	+950	+10,847
Environmental Restoration, Formerly Used Defense Sites	275,000	216,587	288,750	+13,750	+72,163
Overseas Humanitarian, Disaster, and Civic Aid	135,000	109,900	147,500	+12,500	+37,600

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Cooperative Threat Reduction Account	373,700	238,490	360,190	-13,510	+121,700
Department of Defense Acquisition Workforce Development Account	400,000	58,181	198,501	-201,499	+140,320
Total, title II, Operation and Maintenance	199,415,415	196,630,496	196,703,001	-2,712,414	+72,505
TITLE III					
PROCUREMENT					
Aircraft Procurement, Army	3,771,329	3,074,594	3,503,013	-268,316	+428,419
Missile Procurement, Army	2,995,673	3,491,507	3,419,333	+423,660	-72,174
Procurement of Weapons and Tracked Combat Vehicles, Army	4,663,597	3,696,740	3,696,263	-967,334	-477
Procurement of Ammunition, Army	2,578,575	2,777,716	2,789,898	+211,323	+12,182
Other Procurement, Army	7,581,524	8,625,206	8,453,422	+871,898	-171,784
Aircraft Procurement, Navy	19,605,513	17,127,378	17,710,109	-1,895,404	+582,731
Weapons Procurement, Navy	4,017,470	4,884,995	4,378,594	+361,124	-506,401
Procurement of Ammunition, Navy and Marine Corps	843,401	883,602	795,134	-48,267	-88,468
Shipbuilding and Conversion, Navy	23,975,378	19,902,757	22,257,938	-1,717,440	+2,355,181
Other Procurement, Navy	10,075,257	10,948,518	9,986,796	-88,461	-961,722
Procurement, Marine Corps	2,898,422	2,903,976	2,693,354	-205,068	-210,622
Aircraft Procurement, Air Force	17,512,361	17,908,145	19,587,853	+2,075,492	+1,679,708
Missile Procurement, Air Force	2,575,890	2,396,417	2,249,157	-326,733	-147,260
Space Procurement, Air Force	2,353,383	---	---	-2,353,383	---
Procurement of Ammunition, Air Force	1,625,661	596,338	609,338	-1,016,323	+13,000

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Other Procurement, Air Force	21,410,021	23,695,720	23,603,470	+2,193,449	-92,250
Procurement, Space Force	---	2,446,064	2,289,934	+2,289,934	-156,130
Procurement, Defense-Wide	5,332,147	5,324,487	5,418,220	+86,073	+93,733
National Guard and Reserve Equipment	---	---	---	---	---
Defense Production Act Purchases	64,393	181,931	191,931	+127,538	+10,000
Joint Urgent Operational Needs Fund	---	---	---	---	---
Total, title III, Procurement	133,879,995	130,866,091	133,633,757	-246,238	+2,767,666
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army	12,543,435	12,587,343	13,126,499	+583,064	+539,156
Research, Development, Test and Evaluation, Navy	20,155,115	21,427,048	20,165,874	+10,759	-1,261,174
Research, Development, Test and Evaluation, Air Force	45,566,955	37,391,826	36,040,609	-9,526,346	-1,351,217
Research, Development, Test and Evaluation, Space Force	---	10,327,595	10,187,840	+10,187,840	-139,755
Research, Development, Test and Evaluation, Defense-Wide	25,938,027	24,280,891	24,617,177	-1,320,850	+336,286
Operational Test and Evaluation, Defense	227,700	210,090	210,090	-17,610	---
Total, title IV, Research, Development, Test and Evaluation	104,431,232	106,224,793	104,348,089	-83,143	-1,876,704

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds	1,564,211	1,348,910	1,348,910	-215,301	---
Defense Counterintelligence and Security Agency Working Capital Fund	---	---	---	---	---
Total, title V, Revolving and Management Funds	1,564,211	1,348,910	1,348,910	-215,301	---
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program					
Operation and maintenance	31,321,665	31,349,553	31,097,781	-223,884	-251,772
Procurement	446,359	617,926	557,896	+111,537	-60,030
Research, development, test and evaluation	2,306,095	722,893	1,642,225	-663,870	+919,332
Total, Defense Health Program 1/	34,074,119	32,690,372	33,297,902	-776,217	+607,530

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance	107,351	106,691	106,691	-660	---
Procurement	2,218	616	616	-1,602	---
Research, development, test and evaluation	875,930	782,193	782,193	-93,737	---
Total, Chemical Agents 2/	985,499	889,500	889,500	-95,999	---
Drug Interdiction and Counter-Drug Activities, Defense1/	893,059	769,629	746,223	-146,836	-23,406
Office of the Inspector General 1/	363,499	371,439	387,696	+24,197	+16,257
Total, title VI, Other Department of Defense Programs	36,316,176	34,720,940	35,321,321	-994,855	+600,381
TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund	514,000	514,000	514,000	---	---
Intelligence Community Management Account (ICMA)	556,000	663,000	619,728	+63,728	-43,272
Total, title VII, Related agencies	1,070,000	1,177,000	1,133,728	+63,728	-43,272

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec. 8005)	(4,000,000)	(5,000,000)	(1,000,000)	(-3,000,000)	(-4,000,000)
Indian Financing Act incentives (Sec.8020)	---	---	25,000	+25,000	+25,000
FFRDC (Sec. 8025)	---	---	21,834	+21,834	+21,834
Rescissions (Sec. 8041)	-4,090,652	---	-2,491,100	+1,599,552	-2,491,100
National grants (Sec. 8047)	44,000	---	47,500	+3,500	+47,500
O&M, Defense-wide transfer authority (Sec.8051)	(30,000)	(30,000)	(30,000)	---	---
Fisher House Foundation (Sec.8065)	10,000	---	5,000	-5,000	+5,000
John C. Stennis Center for Public Service Development (Sec.8066)	---	---	1,000	+1,000	+1,000
Trust Fund (O&M, Navy transfer authority)	(1,000)	---	---	(-1,000)	---
Fisher House O&M Army Navy Air Force transfer authority (Sec.8087)	(11,000)	(11,000)	(11,000)	---	---
Defense Health O&M transfer authority (Sec. 8091)	(127,000)	(137,000)	(137,000)	(+10,000)	---
Public Schools on Military Installations (Sec. 8110)	315,000	---	270,000	-45,000	+270,000
Foreign Currency Fluctuations (Sec. 8121)	---	---	-436,000	-436,000	-436,000
Revised fuel costs (Sec. 8122)	---	---	-1,000,000	-1,000,000	-1,000,000
Revised economic assumptions	-81,559	---	---	+81,559	---
Property Services	---	25,000	---	---	-25,000
Military Museum	---	1,000	---	---	-1,000
Recovered Fraud	---	250,000	---	---	-250,000
Total, title VIII, General Provisions	-3,803,211	276,000	-3,556,766	+246,445	-3,832,766

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE IX					
OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM (GWOT)					
Military Personnel					
Military Personnel, Army (GWOT)	2,743,132	2,748,033	2,748,033	+4,901	---
Military Personnel, Navy (GWOT)	356,392	382,286	382,286	+25,894	---
Military Personnel, Marine Corps (GWOT)	104,213	129,943	129,943	+25,730	---
Military Personnel, Air Force (GWOT)	1,007,594	1,077,168	1,077,168	+69,574	---
Reserve Personnel, Army (GWOT)	34,812	33,414	33,414	-1,398	---
Reserve Personnel, Navy (GWOT)	11,370	11,771	11,771	+401	---
Reserve Personnel, Marine Corps (GWOT)	3,599	2,048	2,048	-1,551	---
Reserve Personnel, Air Force (GWOT)	16,428	16,816	16,816	+388	---
National Guard Personnel, Army (GWOT)	202,644	195,314	195,314	-7,330	---
National Guard Personnel, Air Force (GWOT)	5,624	5,800	5,800	+176	---
Total, Military Personnel	4,485,808	4,602,593	4,602,593	+116,785	---
Operation and Maintenance					
Operation & Maintenance, Army (GWOT)	20,092,038	17,137,754	16,530,754	-3,561,284	-607,000
Operation & Maintenance, Navy (GWOT)	8,772,379	10,700,305	10,942,741	+2,170,362	+242,436
(Coast Guard) (by transfer) (GWOT)	---	---	---	---	---
Operation & Maintenance, Marine Corps (GWOT)	1,109,791	1,102,600	1,145,600	+35,809	+43,000
Operation & Maintenance, Air Force (GWOT)	10,359,379	17,930,020	18,861,862	+8,502,483	+931,842
Operation & Maintenance, Space Force (GWOT)	---	77,115	77,115	+77,115	---
Operation & Maintenance, Defense-Wide (GWOT)	7,803,193	6,022,254	6,169,693	-1,633,500	+147,439

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
(Coalition support funds) (GWOT)	(225,000)	---	---	(-225,000)	---
Operation & Maintenance, Army Reserve (GWOT)	37,592	33,399	33,399	-4,193	---
Operation & Maintenance, Navy Reserve (GWOT)	23,036	21,492	21,492	-1,544	---
Operation & Maintenance, Marine Corps Reserve (GWOT)	8,707	8,707	8,707	---	---
Operation & Maintenance, Air Force Reserve (GWOT)	29,758	30,090	30,090	+332	---
Operation & Maintenance, Army National Guard (GWOT)	83,291	79,792	79,792	-3,499	---
Operation & Maintenance, Air National Guard (GWOT)	176,909	175,642	175,642	-1,267	---
Subtotal	48,496,073	53,319,170	54,076,887	+5,580,814	+757,717
Afghanistan Security Forces Fund (GWOT)	4,199,978	4,015,612	3,047,612	-1,152,366	-968,000
Counter-ISIS Train and Equip Fund (GWOT)	1,195,000	845,000	700,000	-495,000	-145,000
Total, Operation and Maintenance	53,891,051	58,179,782	57,824,499	+3,933,448	-355,283
Procurement					
Aircraft Procurement, Army (GWOT)	531,541	461,080	595,112	+63,571	+134,032
Missile Procurement, Army (GWOT)	1,423,589	881,592	865,992	-557,597	-15,600
Procurement of Weapons and Tracked Combat Vehicles, Army (GWOT)	346,306	15,225	15,225	-331,081	---
Procurement of Ammunition, Army (GWOT)	148,682	110,668	110,668	-38,014	---
Other Procurement, Army (GWOT)	1,080,504	924,077	875,666	-204,838	-48,411
Aircraft Procurement, Navy (GWOT)	95,153	33,241	33,241	-61,912	---
Weapons Procurement, Navy (GWOT)	116,429	5,572	5,572	-110,857	---
Procurement of Ammunition, Navy and Marine Corps (GWOT)	204,814	95,942	77,424	-127,390	-18,518
Other Procurement, Navy (GWOT)	351,250	343,526	341,612	-9,638	-1,914
Procurement, Marine Corps (GWOT)	20,589	47,963	47,963	+27,374	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Aircraft Procurement, Air Force (GWOT)	851,310	569,155	787,665	-63,645	+218,510
Missile Procurement, Air Force (GWOT)	201,671	223,772	223,772	+22,101	---
Procurement of Ammunition, Air Force (GWOT)	934,758	802,455	802,455	-132,303	---
Other Procurement, Air Force (GWOT)	3,748,801	355,339	355,339	-3,393,462	---
Procurement, Defense-Wide (GWOT)	438,064	258,491	335,837	-102,227	+77,346
National Guard and Reserve Equipment (GWOT)	1,300,000	---	1,000,000	-300,000	+1,000,000
Total, Procurement	11,793,461	5,128,098	6,473,543	-5,319,918	+1,345,445
Research, Development, Test and Evaluation					
Research, Development, Test & Evaluation, Army (GWOT)	147,304	182,824	175,824	+28,520	-7,000
Research, Development, Test & Evaluation, Navy (GWOT)	164,410	59,562	59,562	-104,848	---
Research, Development, Test & Evaluation, Air Force (GWOT)	128,248	5,304	5,304	-122,944	---
Research, Development, Test and Evaluation, Defense-Wide (GWOT)	394,260	82,818	80,818	-313,442	-2,000
Total, Research, Development, Test and Evaluation	834,222	330,508	321,508	-512,714	-9,000
Revolving and Management Funds					
Defense Working Capital Funds (GWOT)	20,100	20,090	20,090	-10	---
Other Department of Defense Programs					
Defense Health Program: Operation & Maintenance (GWOT)	347,746	365,098	365,098	+17,352	---
Drug Interdiction and Counter-Drug Activities, Defense (GWOT)	153,100	---	---	-153,100	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Office of the Inspector General (GWOT)	24,254	24,069	24,069	-185	---
Total, Other Department of Defense Programs	525,100	389,167	389,167	-135,933	---
TITLE IX					
GENERAL PROVISIONS					
Additional transfer authority (GWOT) (Sec.9002)	(2,000,000)	(4,500,000)	(900,000)	(-1,100,000)	(-3,600,000)
Ukraine Security Assistance Initiative (GWOT)	---	---	---	---	---
Intelligence, Surveillance, and Reconnaissance (GWOT) (Sec.9025)	250,000	---	250,000	---	+250,000
Readiness (GWOT)	---	---	---	---	---
Rescissions (GWOT) (Sec.9023)	-1,134,742	---	-1,446,400	-311,658	-1,446,400
Total, General Provisions	-884,742	---	-1,196,400	-311,658	-1,196,400
Total, title IX (OCO/GWOT)	70,665,000	68,650,238	68,435,000	-2,230,000	-215,238
TITLE X					
NATURAL DISASTER RELIEF					
Operation and Maintenance					
Operation and Maintenance, Navy (emergency)	427,000	---	---	-427,000	---
Operation and Maintenance, Marine Corps (emergency)	394,000	---	---	-394,000	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Operation and Maintenance, Air Force (emergency)	110,000	---	---	-110,000	---
Operation and Maintenance, Army National Guard (emergency)	45,700	---	---	-45,700	---
Total, Operation and Maintenance	976,700	---	---	-976,700	---
Procurement					
Other Procurement, Navy (emergency)	75,015	---	---	-75,015	---
Procurement, Marine Corps (emergency)	73,323	---	---	-73,323	---
Aircraft Procurement, Air Force (emergency)	204,448	---	---	-204,448	---
Other Procurement, Air Force (emergency)	77,974	---	---	-77,974	---
Total, Procurement	430,760	---	---	-430,760	---
Research, Development, Test and Evaluation					
Research, Development, Test and Evaluation, Navy (emergency)	130,444	---	---	-130,444	---
Revolving and Management Funds					
Defense Working Capital Funds (emergency)	233,500	---	---	-233,500	---
Total, title X	1,771,404	---	---	-1,771,404	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
OTHER APPROPRIATIONS					
SECOND CORONAVIRUS PREPAREDNESS AND RESPONSE SUPPLEMENTAL APPROPRIATIONS ACT, 2020 (P.L. 116-127 DIV A)					
DEPARTMENT OF DEFENSE					
Defense Health Program (emergency)	82,000	---	---	-82,000	---
EMERGENCY APPROPRIATIONS FOR CORONAVIRUS HEALTH RESPONSE AND AGENCY OPERATIONS (P.L. 116-136 DIV B)					
DEPARTMENT OF DEFENSE					
Military Personnel					
National Guard Personnel, Army (emergency)	746,591	---	---	-746,591	---
National Guard Personnel, Air Force (emergency)	482,125	---	---	-482,125	---
Total, Military Personnel	1,228,716	---	---	-1,228,716	---
Operation and Maintenance					
Operation and Maintenance, Army (emergency)	160,300	---	---	-160,300	---
Operation and Maintenance, Navy (emergency)	360,308	---	---	-360,308	---
Operation and Maintenance, Marine Corps (emergency)	90,000	---	---	-90,000	---
Operation and Maintenance, Air Force (emergency)	155,000	---	---	-155,000	---
Operation and Maintenance, Defense-Wide (emergency)	827,800	---	---	-827,800	---
Operation and Maintenance, Army Reserve (emergency)	48,000	---	---	-48,000	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
Operation and Maintenance, Army National Guard (emergency)	186,696	---	---	-186,696	---
Operation and Maintenance, Air National Guard (emergency)	75,754	---	---	-75,754	---
Total, Operation and Maintenance	1,903,858	---	---	-1,903,858	---
Procurement					
Defense Production Act Purchases (emergency)	1,000,000	---	---	-1,000,000	---
Revolving and Management Funds					
Defense Working Capital Funds (emergency)	1,450,000	---	---	-1,450,000	---
Other Department of Defense Programs					
Defense Health Program:					
Operation and Maintenance (emergency)	3,390,600	---	---	-3,390,600	---
Research, Development, Test, and Evaluation	415,000	---	---	-415,000	---
Total, Defense Health Program	3,805,600	---	---	-3,805,600	---
Office of the Inspector General (emergency)	20,000	---	---	-20,000	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
General Provisions					
Defense Health Program (Sec. 13002) (emergency).....	1,095,500	---	---	-1,095,500	---
Total, Emergency Appropriations for Coronavirus Health ResponseESPONSE AND AGENCY OPERATIONS..	10,503,674	---	---	-10,503,674	---
Total, Other Appropriations.....	10,585,674	---	---	-10,585,674	---
Grand total.....	698,341,963	690,418,572	686,722,692	-11,619,271	-3,695,880
Appropriations.....	(619,410,537)	(621,768,334)	(620,778,792)	(+1,368,255)	(-989,542)
Emergency appropriations.....	(12,357,078)	---	---	(-12,357,078)	---
Global War on Terrorism (GWOT).....	(71,799,742)	(68,650,238)	(69,881,400)	(-1,918,342)	(+1,231,162)
Rescissions.....	(-4,090,652)	---	(-2,491,100)	(+1,599,552)	(-2,491,100)
Rescissions (GWOT).....	(-1,134,742)	---	(-1,446,400)	(-311,658)	(-1,446,400)
(Transfer Authority).....	(4,169,000)	(5,178,000)	(1,178,000)	(-2,991,000)	(-4,000,000)
(Transfer Authority) (GWOT).....	(2,000,000)	(4,500,000)	(900,000)	(-1,100,000)	(-3,600,000)

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2020
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2021
(Amounts in thousands)

	FY 2020 Enacted	FY 2021 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel	142,446,067	150,524,104	149,355,652	+6,909,585	-1,168,452
Title II - Operation and Maintenance	199,415,415	196,630,496	196,703,001	-2,712,414	+72,505
Title III - Procurement	133,879,995	130,866,091	133,633,757	-246,238	+2,767,666
Title IV - Research, Development, Test and Evaluation	104,431,232	106,224,793	104,348,089	-83,143	-1,876,704
Title V - Revolving and Management Funds	1,564,211	1,348,910	1,348,910	-215,301	---
Title VI - Other Department of Defense Programs	36,316,176	34,720,940	35,321,321	-994,855	+600,381
Title VII - Related Agencies	1,070,000	1,177,000	1,133,728	+63,728	-43,272
Title VIII - General Provisions (net)	-3,803,211	276,000	-3,556,766	+246,445	-3,832,766
Title IX - Global War on Terrorism (GWOT)	70,665,000	68,650,238	68,435,000	-2,230,000	-215,238
Total, Department of Defense	698,341,963	690,418,572	686,722,692	-11,619,271	-3,695,880
Scorekeeping adjustments	7,858,815	8,416,000	8,416,000	+557,185	---
Total, mandatory and discretionary	706,200,778	698,834,572	695,138,692	-11,062,086	-3,695,880

MINORITY VIEWS

We appreciate the collegial and collaborative efforts of Full Committee Chairwoman Lowey and Subcommittee Chairman Visclosky in producing the fiscal year 2021 Defense Appropriations bill. The bill includes many bipartisan priorities that support our Nation's defense, which is one of the most fundamental and important responsibilities enumerated in the Constitution.

The bill provides funding for many key programs that are essential to our security, consistent with the National Defense Strategy and its focus on great power competition with China and Russia. The bill will enhance our national security capabilities by funding procurement for critical platforms while also continuing to invest in research and development of new technologies essential to maintaining U.S. military superiority.

We appreciate that the Chairman has prioritized the healthcare and quality of life of our service members. These issues have a significant impact on our military's readiness. We are also pleased to see strong and steady support for our partners and allies, including Israel and Jordan.

The impact of the COVID–19 Pandemic has been felt throughout the Department of Defense (DOD). We are very concerned about the impact of the pandemic on our second, third and fourth tier defense suppliers. We appreciate the Chairman including funds to help mitigate that damage to these suppliers. Their work is vital to our national security and we must do everything within our power to protect these jobs.

Unfortunately, we are not able to support this bill as currently drafted. There are provisions in the bill that will prevent it from becoming law. We cannot overstate the importance of getting this bill signed into law by the end of this fiscal year. According to estimates from the DOD Office of the Comptroller, a Continuing Resolution wastes roughly $1.7 billion a month through the inability to sign contracts, delays in production, and other downstream effects. We object to the language prohibiting funds to construct a wall, fence, border barriers, or border security infrastructure along the southern land border of the United States. This funding is essential to impeding the flow of both people and drugs across the border. We also object to language preventing the use of the National Guard at the border unless the Department of Homeland Security reimburses DOD. These prohibitions place dangerous restrictions on the DOD's responsibility and authorities. It is short-sighted to take away DOD's ability to provide assistance and expertise to other agencies when our national security is at risk.

We object to the language that repeals the 2001 Authorization for Use of Military Force (AUMF) 240 days after enactment; immediately repeals the 2002 AUMF; and prohibits funding for any use of military force in or against Iran unless Congress has declared

war, a new AUMF is enacted, or a "national emergency" is created by an attack upon the United States. The first two provisions repeal essential counterterrorism authorities and would be deeply harmful. The United States has, and must safeguard, our right to defend ourselves and our allies from Iranian hostility. This provision simply emboldens Iran and its proxies.

Unfortunately, the Majority rejected Republican amendments offered in the Committee, which if passed, would have significantly improved the bill by: prohibiting Federal tax dollars from being provided to an abortion provider if, in the case of an abortion or attempted abortion that results in a child born alive, a health care practitioner does not act to preserve the life of the child; and striking the language prohibiting DOD's ability to transfer excess property to state and local law enforcement agencies. We are also disappointed that the Majority chose not to support an amendment that would have added back four long-standing provisions related to the terrorists located at the Guantanamo Bay detention camp. The amendment would have prevented Khalid Sheikh Mohammed or any other detainee from being brought to the United States; prevented detainees from being transferred to their home country or any other country in accordance with previous National Defense Authorization Act provisions; prevented any facility in the United States from being used to house these terrorists; and prevented the closure of the Guantanamo Bay detention camp.

Despite our disagreements over the issues discussed above, we appreciate the Majority's willingness to address Member priorities in the bill and report. We will continue to work in good faith with our colleagues as we proceed through the appropriations process in order to produce a final bill that Congress can pass and President Trump can sign into law.

KAY GRANGER.
KEN CALVERT.

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