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107TH CONGRESS
*2d Session*

HOUSE OF REPRESENTATIVES

REPORT
107–532

# DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2003

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## R E P O R T

OF THE

## COMMITTEE ON APPROPRIATIONS

[TO ACCOMPANY H.R. 5010]

together with

ADDITIONAL VIEWS

JUNE 25, 2002.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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U.S. GOVERNMENT PRINTING OFFICE

80–348 WASHINGTON : 2002

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107TH CONGRESS 2d Session | HOUSE OF REPRESENTATIVES | REPORT 107–532

# DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2003

JUNE 25, 2002.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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

## R E P O R T

together with

## ADDITIONAL VIEWS

[To accompany H.R. 5010]

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, 2003.

### BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for the fiscal year 2003. This bill does not provide appropriations for military construction, military family housing, civil defense, or nuclear warheads, for which requirements are considered in connection with other appropriations bills.

The President's fiscal year 2003 budget request for activities funded in the Department of Defense Appropriations Bill totals $366,794,095,000 in new budget (obligational) authority. This total includes $10,000,000,000 requested as a contingency amount relating to the ongoing war on terrorism. Under the President's budget, these funds were proposed to be appropriated in a lump sum, and would be made available to the extent specified in subsequent official budget requests by the President to Congress. The Committee notes that the Administration has yet to provide any specific request or budget justification for these funds. Pending receipt of any such request or budget amendment, the Committee has deferred action on this $10,000,000,000 appropriation.

Putting aside the amounts requested for this contingency fund, the President's fiscal year 2003 budget request for activities funded in the Department of Defense Appropriations Bill totals $356,794,095,000 in new budget (obligational) authority. The amounts recommended by the Committee in the accompanying bill total $354,712,914,000 in new budget authority. This is $2,081,181,000 below the budget estimate ($12,081,181,000 if the $10,000,000,000 contingency fund is included), and $33,843,567,000 above the sums made available for the Department of Defense for fiscal year 2002.[1]

[1] The fiscal year 2003 budget request was adjusted to not include $3,412,561,000, the proposed cost to cover the accrued cost related to retirement benefits of Civil Service Retirement System employees and retiree health benefits for all civilian employees.

## COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003

(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| RECAPITULATION | | | | | |
| Title I - Military Personnel | 82,056,651 | 94,247,858 | 93,424,834 | +11,368,183 | -823,024 |
| Title II - Operation and Maintenance | 105,047,644 | 131,676,367 | 114,780,366 | +9,732,722 | -16,896,001 |
| Title III - Procurement | 60,864,948 | 67,220,034 | 70,285,272 | +9,420,324 | +3,065,238 |
| Title IV - Research, Development, Test and Evaluation | 48,921,641 | 53,702,299 | 57,754,286 | +8,832,645 | +4,051,987 |
| Title V - Revolving and Management Funds | 1,745,394 | 2,433,785 | 2,777,085 | +1,031,691 | +343,300 |
| Title VI - Other Department of Defense Programs | 20,491,353 | 17,076,268 | 17,108,019 | -3,383,334 | +31,751 |
| Title VII - Related agencies | 447,929 | 392,754 | 407,254 | -40,675 | +14,500 |
| Title VIII - General provisions (net) | -2,832,813 | 44,730 | -1,824,202 | +1,008,611 | -1,868,932 |
| Title IX - Counter-terrorism & Defense against Weapons of Mass Destruction (net) | 881,000 | --- | --- | -881,000 | --- |
| Total, Department of Defense (in this bill) | 317,623,747 | 366,794,095 | 354,712,914 | +37,089,167 | -12,081,181 |
| Other appropriations | 3,395,600 | --- | --- | -3,395,600 | --- |
| Total DoD funding available (net) | 321,019,347 | 366,794,095 | 354,712,914 | +33,693,567 | -12,081,181 |
| Scorekeeping adjustments | -150,000 | --- | --- | +150,000 | --- |
| Total mandatory and discretionary | 320,869,347 | 366,794,095 | 354,712,914 | +33,843,567 | -12,081,181 |

## ACCRUAL FUNDING OF RETIREMENT COSTS AND POST-RETIREMENT HEALTH BENEFITS

The President's budget included a legislative proposal under the jurisdiction of the House Committee on Government Reform to charge to individual agencies, starting in fiscal year 2003, the fully accrued costs related to retirement benefits of Civil Service Retirement System employees and retiree health benefits for all civilian employees. The budget request also included an additional dollar amount in each affected discretionary account to cover these accrued costs.

Without a discussion of the merits of this legislative proposal, the Committee has reduced the dollar amounts of the President's request shown in the "Comparative Statement of New Budget Authority" and other tables in this report to exclude the accrual funding proposal. The Committee makes this recommendation because the disposition of the legislative proposal is unclear at this time. Should the proposal be adopted by Congress and enacted into law, the Committee will make appropriate adjustments.

The Committee further notes that administration proposals requiring legislative action by the authorizing committees of Congress are customarily submitted in the budget as separate schedules apart from the regular appropriation requests. Should such a proposal be enacted, a budget amendment formally modifying the President's appropriation request for discretionary funding is then transmitted to the Congress.

The Committee is concerned that this practice, which has worked effectively for both Congress and past administrations, was not followed for this accrual funding proposal. In this case, the Office of Management and Budget (OMB) decided to include accrual amounts in the original discretionary appropriations language request. These amounts are based on legislation that has yet to be considered and approved by the appropriate committees of Congress. This led to numerous misunderstandings both inside and outside of Congress of what was the "true" President's budget request. The Committee believes that, in the future, OMB should follow long-established procedures with respect to discretionary spending proposals that require legislative action.

## COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2003 budget request, the Subcommittee on Defense held a total of eight hearings during the period of February 2002 to June 2002. Testimony received by the Subcommittee totaled 824 pages of transcript. Approximately half of the hearings were held in open session. Executive (closed) sessions were held only when the security classification of the material to be discussed presented no alternative.

## MAJOR RECOMMENDATIONS IN THE COMMITTEE BILL

*Ballistic Missile Defense.*—The Committee bill provides $7.4 billion for ballistic missile defense, $74 million less than the President requested. This includes full funding for the Ground based midcourse program and the Block 2004 test bed. In addition, the Committee has provided additional funding to support near term theater missile defense, including adding $64 million for the Arrow

program and $95 million for the PATRIOT Advanced Capability-3. Reductions were taken primarily from the Sea Based Terminal program, a legacy of the terminated Navy area program; the RAMOS cooperative program, for which there is no signed agreement; and the Airborne Laser.

*Intelligence and Intelligence-Related Activities.*—The Committee bill fully supports intelligence-related programs including funds requested for anti-terrorism activities.

The Committee has also supported the Administration's request for additional research on and acquisition of unmanned aerial vehicles. The Committee has fully supported the Air Force and Navy development efforts associated with the Global Hawk UAV, including additional funds to implement the Air Force's plan for overall program cost reductions. The Committee has also included funds for the acquisition of additional Predator B systems as well as an I–GNAT system for the Army to begin concept of operations testing for its objective Tactical UAV system.

*Military Personnel and Defense Health Program.*—The Committee bill fully funds the proposed pay raise of 4.1 percent for military personnel and targeted pay raises of up to 6.5 percent for mid-grade officers and noncommissioned officers. In addition it supports the budget request to continue to reduce service members' out-of-pocket housing expenses from 11.3 percent to 7.5 percent in fiscal year 2003. The Committee bill recommends a reduction of $354 million to the budget request for the Defense Health Program (DHP) due to reduced demand forecasts for services provided by the DHP. The Committee bill also increases military-related medical research and other initiatives by over $600 million.

*Readiness Accounts.*—The Committee bill fully supports the Department's request for training and readiness funding. It provides full funding for proposed increases in land forces training, tank training miles and the Air Force and Navy Flying Hour Program, as well as ship operations. The Committee bill also supports a $1.8 billion increase in funding for base support operations and for sustainment, modernization and restoration of real property. The Committee bill also provides $400 million over the budget request for individual soldier and marine equipment, unit tactical equipment, training and support facilities, renovation of barracks and dining facilities, depot maintenance and other readiness and training items.

*Strategic Mobility.*—The Committee bill fully supports the Administration's request to meet our military's strategic mobility requirements. This includes $3.7 billion for the procurement of 12 C–17 transports, including language directing the Air Force to fully fund the acquisition of 15 C–17s in fiscal year 2004; approval of the Administration's request for multiyear authority to acquire 40 CC–130Js and 24 KC–130Js; and finally, $89 million for the reengining of 3 additional KC–135E tankers.

*Crusader.*—The Committee bill approves the Administration's recommendation to terminate the Crusader program and to realign fiscal year 2003 funding to accelerate Army development of a number of precision munitions and related technologies. The Committee bill also provides an increase of $173,000,000 over the amended budget for the follow-on Objective Force-Indirect Fire system, in

order to ensure that such a system can be delivered no later than fiscal year 2008.

*Shipbuilding.*—The Committee bill supports the budget request for all major shipbuilding programs requested by the Department, with the exception of the LHD–8, while recommending some minor reductions due to program execution issues. The Committee bill has also provided a net addition of $250 million to the budget request for the CVN–77 aircraft carrier program to restore warfighting capability improvements that had been deferred by the Navy.

*Space Programs.*—The Committee has recommended a number of reductions to DoD Space programs due to fact of life schedule delays, unwarranted cost growth and under-execution to include reductions of: $95 million to AEHF Advanced Procurement, $80 million to Wideband Communications, $100 million to the Titan heavy lift launcher, and $70 million to the Space Based Infrared System (SBIRS)—High program.

*Chemical/Biological Programs.*—The Committee bill has fully funded the President's budget request for the Chemical and Biological Defense Program to include $420,000,000 for a homeland security initiative. This proposal would fund the establishment of a Center for Biological Counterterrorism at the U.S. Army Medical Research and Material Command, the establishment and deployment of a fully operational biological surveillance system in the National Capital Region and one other urban location, and an initial operational surveillance capability in 2 additional urban areas.

In addition, the Committee has supported funding to demonstrate and provide effective protection from chemical and biological agent attack at various military installations across the nation. The "CONUS Pilot Protection Project" will procure an integrated suite of highly effective chemical and biological sensors and support equipment to be installed and demonstrated at nine installations during fiscal year 2003.

*Defense Transformation.*—The Committee has supported and accelerated the transformational objectives of the Department by:

(a) Increasing funding for Advanced Concept Technology Demonstrations and Quick Reaction Special Projects to speed up the transition of tools for the warfighter from concept and design to operational prototypes in the field.

(b) Providing funding to expand the bandwidth capacity of the Global Information Grid to 10 gigabytes, transforming the way information and intelligence can be gathered and shared by the national security community.

(c) Directing the Department of the Navy to examine the benefits of adopting commercial venture capital practices for the more rapid inclusion of cutting edge technologies in major Navy system acquisition programs.

## COMMITTEE RECOMMENDATIONS BY MAJOR CATEGORY

### ACTIVE MILITARY PERSONNEL

The Committee recommends a total of $79,168,541,000 for active military personnel, a decrease of $687,224,000 below the budget request. The Committee supports the budget request which proposed a 4.1 percent pay raise for military personnel effective January 1,

2003, and targeted pay raises of up to 6.5 percent for mid-grade officers and noncommissioned officers. The Committee also agrees with the authorized end strength as requested in the President's budget.

GUARD AND RESERVE

The Committee recommends a total of $14,256,293,000 a decrease of $135,800,000 below the budget request for Guard and Reserve personnel. The Committee has also included funds for the proposed 4.1 percent pay raise. The Committee agrees with the authorized end strength as requested in the President's budget for the Selected Reserve.

OPERATION AND MAINTENANCE

The Operation and Maintenance appropriation provides for the readiness of U.S. forces as well as the maintenance of facilities and equipment, the infrastructure that supports combat forces, and the quality of life of service members and their families.

The Committee recommends $114,780,366,000, a net increase of $9,732,722,000 above the fiscal year 2002 appropriated amount. The Committee has supported improvements in funding for tactical flying hour programs, land forces training, ship operations, depot maintenance, base support operations, and maintenance and repair of real property. The Committee has added to the budget request a number of items critical to the welfare and readiness of service members, and also items contributing to the management efficiency of the services. Finally, the Committee recommends reductions from the budget request as a result of fact of life changes and management actions the Department of Defense should undertake to improve its operations.

PROCUREMENT

The Committee recommends $70,285,272,000 for programs funded in title III procurement accounts.

Major programs funded in the bill include:

$242,561,000 for 16 UH–60 Blackhawk Helicopters.
$387,061,000 for CH–47 Cargo Helicopter Modifications.
$865,781,000 for Apache Longbow Advanced Procurement.
$223,052,000 for 1478 Javelin missiles.
$457,053,000 for Bradley Fighting Vehicle Base Sustainment.
$772,031,000 for Interim Armored Vehicles.
$376,268,000 for M1 Abrams Upgrades.
$681,373,000 for Family of Medium Tactical Vehicles.
$3,076,233,000 for 44 F/A–18 E/F Fighter aircraft.
$1,025,660,000 for 11 MV–22 aircraft.
$279,155,000 for 15 MH–60S helicopters.
$267,851,000 for 5 E–2C Hawkeye Early Warning aircraft.
$585,916,000 for 12 Trident II ballistic missiles.
$664,820,000 for Tomahawk Missiles.
$250,000,000 for the CVN–77 Integrated Warfare System.
$1,490,652,000 for 1 New Attack Submarine.
$2,273,002,000 for DDG–51 Destroyers.
$596,492,000 for 1 LPD–17 Amphibious Assault Ship.
$4,090,434,000 for 23 F–22 Fighter aircraft.

$2,694,140,000 for 12 C–17 Airlift aircraft.
$3,665,454,000 for ammunition for all services.
$536,670,000 for Missile Defense Agency programs.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The Committee recommends $57,754,286,000 for programs funded in Title IV Research, Development, Test, and Evaluation accounts. Major Programs funded in the bill include:
$885,508,000 for the DD–(X) development program.
$420,109,000 for V–22 development.
$3,471,168,000 for development of the Joint Strike Fighter.
$844,783,000 for Advanced EHF Military Satellite Communications.
$627,266,000 for F–22 Fighter Engineering and Manufacturing Development.
$265,327,000 for B–2 Bomber Technology Upgrades.
$744,927,000 for the Space Based Infrared System (SBIRS)—High.
$354,743,000 for Endurance Unmanned Vehicles
$6,820,786,000 for Missile Defense Agency programs.

## FORCES TO BE SUPPORTED

DEPARTMENT OF THE ARMY

The fiscal year 2003 budget is designed to support active Army forces of 10 divisions, 3 armored cavalry regiments, and reserve forces of 8 divisions, 3 separate brigades, and 15 enhanced National Guard brigades (6 enhanced brigades will be aligned under 2 AC/ARNG integrated division headquarters). These forces provide the minimum force necessary to meet enduring defense needs and execute the National Military Strategy.

A summary of the major forces follows:

| | Fiscal year— | | |
|---|---|---|---|
| | 2001 | 2002 | 2003 |
| Divisions: [1] | | | |
| Airborne | 1 | 1 | 1 |
| Air Assault | 1 | 1 | 1 |
| Light | 2 | [1] 2 | 2 |
| Infantry | 0 | 0 | 0 |
| Mechanized | 4 | 4 | 4 |
| Armored | 2 | 2 | 2 |
| Total | 10 | 10 | 10 |
| Non-division Combat units: | | | |
| Armored Cavalry Regiments | 3 | 3 | 3 |
| Separate Brigades | 1 | [2] 1 | 1 |
| Total | 3 | 3 | 3 |
| Active duty military personnel, end strength (Thousands) | 480 | 480 | 480 |

[1] Separate brigade is aligned to one of the light divisions.
[2] Selected Divisions will have the Interim Brigade Combat Teams (2 brigades undergoing transformation at a location TBD) within them.

DEPARTMENT OF THE NAVY

The fiscal year 2003 budget supports battle forces totaling 308 ships at the end of fiscal year 2003, including 18 strategic sub-

marines, 12 aircraft carriers, 237 other battle force ships, 1,628 Navy/Marine Corps tactical/ASW aircraft, 696 Undergraduate Training aircraft, 460 Fleet Air Training aircraft, 349 Fleet Air Support aircraft, 408 Reserve aircraft, and 453 in the pipeline.

A summary of the major forces follows:

| | Fiscal Year— | | |
|---|---|---|---|
| | 2001 | 2002 | 2003 |
| Strategic Forces | 18 | 18 | 18 |
| Submarines | 18 | 18 | 18 |
| SLBM Launchers | 432 | 432 | 432 |
| General Purpose | 258 | 257 | 249 |
| Aircraft Carriers | 12 | 12 | 12 |
| Surface Combatants | 108 | 108 | 102 |
| Submarines (Attack) | 55 | 54 | 54 |
| Amphibious Warfare Ships | 38 | 38 | 37 |
| Combat Logistics Ships | 34 | 34 | 33 |
| Mine Warfare | 11 | 11 | 11 |
| Support Forces | 25 | 25 | 25 |
| Mobile Logistics Ships | 2 | 2 | 2 |
| Support Ships | 23 | 23 | 23 |
| Mobilization Category A (Reserve) | 15 | 15 | 16 |
| Surface Combatants | 8 | 8 | 11 |
| Amphibious Ships | 1 | 1 | 0 |
| Mine Warfare | 6 | 6 | 5 |
| Total Ships, Battle Force | 316 | 315 | 308 |
| Total Local Defense/Misc Force | 177 | 166 | 165 |
| Auxiliaries/Sea Lift Forces | 137 | 140 | 141 |
| Coastal Defense | 13 | 13 | 13 |
| Mobilization Category B | 10 | 10 | 10 |
| Surface Combatants | 0 | 0 | 0 |
| Mine Warfare Ships | 10 | 10 | 10 |
| Support Ships | 0 | 0 | 0 |
| Naval Aircraft: | | | |
| Primary Authorized (Plus Pipe) | 4,272 | 4,260 | 4,276 |
| Authorized Pipeline | 477 | 465 | 453 |
| Tactical/ASW Aircraft | 1,622 | 1,621 | 1,628 |
| Fleet Air Training | 460 | 474 | 460 |
| Fleet Air Support | 358 | 344 | 349 |
| Training (Undergraduate) | 683 | 691 | 696 |
| Reserve | 411 | 403 | 408 |
| Naval Personnel: | | | |
| Active: | | | |
| Navy | 377,810 | 376,000 | 375,700 |
| Marine Corps | 172,934 | 172,600 | 175,000 |
| Reserve: | | | |
| Navy | 87,913 | 86,300 | 87,800 |
| SELRES/Drilling Reserve | 73,341 | 71,489 | 73,228 |
| Full-time Support | 14,572 | 14,811 | 14,572 |
| Marine Corps | 39,810 | 39,558 | 39,558 |
| SELRES | 37,542 | 37,297 | 37,297 |
| Full-time Support | 2,268 | 2,261 | 2,261 |

## DEPARTMENT OF THE AIR FORCE

The fiscal year 2003 Air Force budget is designed to support active, guard, and reserve forces, including 86 combat coded fighter and attack squadrons and 9 combat coded strategic bomber squadrons. The Minuteman, Peacekeeper and ICBM forces stand at 588 launch facilities and 533 missile boosters. The budget also supports our critical airlift mission, including 22 active duty airlift squadrons. To accomplish the Air Force mission, the 2003 budget supports 358,800 Total Force endstrength.

A summary of the major forces follows:

| | Fiscal year— | | |
|---|---|---|---|
| | 2001 | 2002 | 2003 |
| USAF Fighter and Attack Squadrons (Active, ANG, AFRC)* | 88 | 88 | 86 |
| Active | 46 | 46 | 45 |
| ANG | 37 | 37 | 36 |
| AFRC | 5 | 5 | 5 |
| Strategic Bomber Squadrons (Active) | 9 | 9 | 8 |
| Strategic Bomber Squadrons (ANG & AFRC) | 3 | 3 | 1 |
| Flight Test Units (DT and OT units w/assigned jets) | 11 | 11 | 11 |
| Fighter | 8 | 8 | 8 |
| Bomber | 3 | 3 | 3 |
| ICBM Operational Launch Facilities/Control Centers | 605 | 605 | 588 |
| ICBM Missile Inventory | 550 | 550 | 533 |
| USAF Airlift Squadrons (Active): | | | |
| Strategic Airlift Squadrons | 11 | 12 | 12 |
| Tactical Airlift Squadrons | 10 | 10 | 10 |
| Total Airlift Squadrons | 21 | 22 | 22 |
| Total Active Inventory | 6,282 | 5,903 | 5,851 |

*Note: Number of Fighter and Bomber Squadrons reflect combat-coded (CC) units only; i.e., no training or test units.

| Endstrength | FY2001 Col FY2002 PB | FY2002 PB | FY2003 PB |
|---|---|---|---|
| Active Duty | 353,571 | 358,800 | 359,000 |
| Reserve Component | 183,354 | 183,100 | 182,200 |
| Air National Guard | 108,485 | 108,400 | 106,600 |
| Air Force Reserve | 74,869 | 74,700 | 75,600 |

# TITLE I

## MILITARY PERSONNEL

### PROGRAMS AND ACTIVITIES FUNDED BY MILITARY PERSONNEL APPROPRIATIONS

The President's fiscal year 2003 budget request continues to make military personnel its first priority through increased funding for military pay, housing allowances and overall quality of life programs.

The budget request proposed a 4.1 percent across the board pay raise, effective January 1, 2003 for all service members. In addition, the budget request also proposed targeted pay raises of up to 6.5 percent for mid-grade officers and noncommissioned officers. This increase is on top of the average 6.9 percent basic pay increase that went into effect in January 2002. Fiscal year 2003 will be the fourth year the pay structure for military personnel is being revised to address pay shortfalls in grades that are experiencing significant retention issues, and also to improve the pay of military personnel compared to private sector pay.

The budget request includes funding for Basic Allowance for Housing (BAH) in order to continue to reduce the service members' out-of-pocket housing expenses from 11.3 percent to 7.5 percent in fiscal year 2003. The Committee supports the enhancements to military pay and increased housing benefits for fiscal year 2003.

### SUMMARY OF MILITARY PERSONNEL RECOMMENDATIONS FOR FISCAL YEAR 2003

| | |
|---|---|
| Fiscal year 2002 | $82,056,651,000 |
| Fiscal year 2003 budget request | 94,247,858,000 |
| Fiscal year 2003 recommendation | 93,424,834,000 |
| Change from budget request | −823,024,000 |

The Committee recommends an appropriation of $93,424,834,000 for the Military Personnel accounts. The recommendation is an increase of $11,368,183,000 above the $82,056,651,000 appropriated in fiscal year 2002. These military personnel budget total comparisons include appropriations for the active, reserve, and National Guard accounts. The following tables include a summary of the recommendations by appropriation account. Explanations of changes from the budget request appear later in this section.

[In thousands of dollars]

| Account | Budget | Recommendation | Change from request |
|---|---|---|---|
| Military Personnel: | | | |
| Army | $27,079,392 | 26,832,217 | −247,175 |
| Navy | 22,074,901 | 21,874,395 | −200,506 |
| Marine Corps | 8,558,887 | 8,504,172 | −54,715 |

[In thousands of dollars]

| Account | Budget | Recommendation | Change from request |
|---|---|---|---|
| Air Force | 22,142,585 | 21,957,757 | −184,828 |
| Subtotal, Active | 79,855,765 | 79,168,541 | −687,244 |
| Reserve Personnel: | | | |
| Army | 3,398,555 | 3,373,455 | −25,100 |
| Navy | 1,927,152 | 1,897,352 | −29,800 |
| Marine Corps | 557,883 | 553,983 | −3,900 |
| Air Force | 1,243,904 | 1,236,904 | −7,000 |
| National Guard Personnel: | | | |
| Army | 5,128,988 | 5,070,188 | −58,800 |
| Air Force | 2,135,611 | 2,124,411 | −11,200 |
| Subtotal, Guard and Reserve | 14,392,093 | 14,256,293 | −135,800 |
| Total, Title I | 94,247,858 | 93,424,834 | −823,024 |

The fiscal year 2003 budget request includes an increase of approximately 2,300 end strength for the active forces and a slight increase of 100 end strength for the selected reserve over fiscal year 2002 authorized levels.

The Committee recommends the following levels highlighted in the tables below.

OVERALL ACTIVE END STRENGTH

| | |
|---|---|
| Fiscal year 2002 estimate | 1,387,400 |
| Fiscal year 2003 budget request | 1,389,700 |
| Fiscal year 2003 recommendation | 1,389,700 |
| Compared with Fiscal year 2002 | +2,300 |
| Compared with Fiscal year 2003 budget request | -0- |

OVERALL SELECTED RESERVE END STRENGTH

| | |
|---|---|
| Fiscal year 2002 estimate | 864,658 |
| Fiscal year 2003 budget request | 864,558 |
| Fiscal year 2003 recommendation | 864,558 |
| Compared with Fiscal year 2002 | −100 |
| Compared with Fiscal year 2003 budget request | -0- |

| | FY 2002 estimate | Fiscal year 2003— | | |
|---|---|---|---|---|
| | | Budget request | Recommendation | Change from request |
| Active Forces (end strength): | | | | |
| Army | 480,000 | 480,000 | 480,000 | |
| Navy | 376,000 | 375,700 | 375,700 | |
| Marine Corps | 172,600 | 175,000 | 175,000 | |
| Air Force | 358,800 | 359,000 | 359,000 | |
| Total, Active Force | 1,387,400 | 1,389,700 | 1,389,700 | |
| Guard and Reserve (end strength): | | | | |
| Army Reserve | 205,000 | 205,000 | 205,000 | |
| Navy Reserve | 87,000 | 87,800 | 87,800 | |
| Marine Corps Reserve | 39,558 | 39,558 | 39,558 | |
| Air Force Reserve | 74,700 | 75,600 | 75,600 | |
| Army National Guard | 350,000 | 350,000 | 350,000 | |
| Air National Guard | 108,400 | 106,600 | 106,600 | |
| Total, Guard and Reserve | 864,658 | 864,558 | 864,558 | |

## ADJUSTMENTS TO MILITARY PERSONNEL ACCOUNT

### OVERVIEW

### END STRENGTH ADJUSTMENTS

The Committee recommends appropriations necessary to support the military personnel end strength levels proposed in the President's budget request. This action is recommended without prejudice as it pertains to the question of increasing active duty personnel strength to the higher levels contained in the House-passed Department of Defense Authorization bill.

The Committee takes this position in light of the considerable uncertainty regarding the funding needed in fiscal year 2003 to finance the military personnel accounts, in large measure because of ongoing operations in Afghanistan and elsewhere. The DoD is likely to incur additional unbudgeted personnel-related costs necessary to prosecute the Global War on Terrorism, from actions such as the stop-loss program and the continued mobilization of Guard and Reserve personnel. The Committee also is aware of ongoing internal Department of Defense studies focusing on realignment of military workloads and functions, which may result in more personnel being made available for essential missions, but could be costly to implement.

In light of these unresolved policy questions regarding end strength levels, and the uncertainty of overall funding requirements, the Committee believes it best to await further resolution of these issues, and for the Department of Defense to submit a supplemental appropriations request or reprogramming action as necessary to address any additional fiscal year 2003 military personnel-related funding needs once these requirements are solidified.

### PROGRAM GROWTH

The Committee recommends a decrease of $186,810,000 to the budget request for the following programs due to program growth. A reduction to these compensation programs would maintain these programs at last year's level of funding.

[Dollars in thousands]

| | |
|---|---|
| Unemployment Compensation | −$27,910 |
| Selective Reenlistment Bonus Program | −49,000 |
| $30,000 Lump Sum Bonus | −28,700 |
| Critical Skills Accession Bonus | −18,300 |
| Critical Skills Retention Bonus | −38,900 |
| Enlistment Bonus Program | −24,000 |
| Total | −186,810 |

### SELECTIVE REENLISTMENT BONUS

The Committee recommends a decrease of $49,000,000 to reduce the Army and Navy Selective Reenlistment Bonus (SRB) program for initial payments based on a General Accounting Office (GAO) review of the Services' budget requests and the recent trends in SRB program obligations and expenditures.

The Services rely on the SRB program to encourage enlisted service members in critical occupations to remain in the military.

Following DoD's downsizing in the early and mid 1990s, the services increasingly relied on the SRB program to help retain servicemembers in an expanding range of occupations. Since the program guidance for the SRB program was rescinded in 1996, and is still not available, the Services' administer their own programs with limited OSD oversight.

Recently, concerns have been raised that the program has grown beyond its original intent. It appears the program is now being applied broadly to address aggregate retention problems, rather than targeting critical military specialties that impact readiness. For example, in fiscal year 2002, the Navy and Air Force expect to provide bonuses to 43 and 51 percent of their reenlistees, respectively.

Overall, the cost of the SRB program has increased significantly, with the services' budget requests rising from $247,000,000 for fiscal year 1996 to over $750,000,000 for fiscal year 2003, an increase of over 200 percent. Part of this increase is the result of the services over executing their programs. By spending more than was requested, the services incurred higher than expected commitments to make anniversary payments in future years, which in turn has raised the overall cost of the program.

The Committee believes that with limited OSD guidance and oversight of this program, a reassessment of the program is warranted to ensure it is being managed efficiently. The Committee directs the Secretary of Defense to report to the Committee by March 31, 2003 on (1) the effectiveness of the SRB program in correcting retention shortfalls in critical occupations, (2) its replacement program guidance, and how that guidance will ensure that the program targets only critical specialties that impact readiness, (3) the steps DoD will take to match program execution with appropriated funding, (4) an evaluation of the process the services use to administer the program, and (5) the advantages and disadvantages of paying bonuses as a single lump sum payment.

The Committee directs the Comptroller General to review and assess the DoD report and to report the results of that assessment to the Committee not later than June 1, 2003.

### UNOBLIGATED MILITARY PERSONNEL BALANCES

The Committee recommends a reduction of $145,000,000 to the budget request, as a result of a General Accounting Office review of prior year unobligated military personnel account balances. Generally the Services' military personnel appropriations are obligated in the year of appropriation, with the majority of the obligated balances being disbursed within two years after being appropriated. However, all of the funds obligated are not always expended, and those unexpended balances are then transferred to the foreign currency account. Since the Services' account data have shown a pattern of large unexpended balances, the Committee believes that the fiscal year 2003 military personnel budget request is overstated and can be reduced.

### ACADEMY STUDY

The Committee is aware of recent studies that have illustrated a number of troubling trends at the military service academies. Most recently, studies by the Air Force Personnel Center and the

Air Force Academy have shown significant increases in admissions of cadets below academic minimums and equally significant increases in admissions of recruited athletes, with those below academic minimums less likely to graduate, become pilots, have technical degrees, or become senior leaders. Data also suggests cause for concern with admissions from the preparatory schools. The Committee believes that the "whole person" admissions criteria should not be a substitute for graduating highly qualified future leaders.

The Committee directs the General Accounting Office (GAO) to review DoD's oversight of its military service academies and preparatory schools, including strategic plans and the metrics used to track and assess academy performance and results; produce the results of internal academy and personnel center studies conducted regarding academy admission trends, quality issues, and morale; conduct an independent analysis of how groups of academy students differ in their admission criteria or waivers, performance and treatment at the academy, and in their military career progression; and, conduct a survey of student and faculty perceptions of various aspects of student life at the academies. The report shall be submitted to the Committee on Appropriations by March 31, 2003.

FULL-TIME SUPPORT STRENGTHS

There are four categories of full-time support in the Guard and Reserve components: civilian technicians, active Guard and Reserve (AGR), non-technician civilians, and active component personnel.

Full-time support personnel organize, recruit, train, maintain and administer the Reserve components. Civilian (Military) technicians directly support units, and are very important to help units maintain readiness and meet the wartime mission of the Army and Air Force.

Full-time support end strengths in all categories totaled 149,406 in fiscal year 2002. The fiscal year 2003 budget request is 149,877 end strength. The following table summarizes Guard and Reserve full-time support end strengths:

| | FY 2002 estimate | Budget request | Recommendation | Change from request |
|---|---|---|---|---|
| Army Reserve: | | | | |
| AGR | 13,406 | 13,588 | 14,070 | +482 |
| Technicians | 7,344 | 7,344 | 7,594 | +250 |
| Navy Reserve: TAR | 14,811 | 14,572 | 14,572 | ..... |
| Marine Corps Reserve: AR | 2,261 | 2,261 | 2,261 | ..... |
| Air Force Reserve: | | | | |
| AGR | 1,437 | 1,498 | 1,498 | ..... |
| Technicians | 9,819 | 9,911 | 9,911 | ..... |
| Army National Guard: | | | | |
| AGR | 23,698 | 23,768 | 24,562 | +794 |
| Technicians | 25,215 | 25,215 | 25,702 | +487 |
| Air National Guard: | | | | |
| AGR | 11,591 | 11,697 | 11,697 | ..... |
| Technicians | 22,772 | 22,845 | 22,845 | ..... |
| Total: | | | | |
| AGR/TAR | 67,204 | 67,384 | 68,660 | +1,276 |
| Technicians | 65,150 | 65,315 | 66,052 | +737 |

## MILITARY PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $23,752,384,000 |
| Fiscal year 2003 budget request | 27,079,392,000 |
| Committee recommendation | 26,832,217,000 |
| Change from budget request | −247,175,000 |

The Committee recommends an appropriation of $26,832,217,000 for Military Personnel, Army. The recommendation is an increase of $3,079,833,000 above the $23,752,384,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 50 | MILITARY PERSONNEL, ARMY | | | |
| 100 | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICER | | | |
| 150 | BASIC PAY | 4,138,217 | 4,138,217 | --- |
| 200 | RETIRED PAY ACCRUAL | 1,133,871 | 1,133,871 | --- |
| 250 | DEFENSE HEALTH PROGRAM ACCRUAL | 270,390 | 270,390 | --- |
| 350 | BASIC ALLOWANCE FOR HOUSING | 832,483 | 832,483 | --- |
| 400 | BASIC ALLOWANCE FOR SUBSISTENCE | 156,455 | 156,455 | --- |
| 450 | INCENTIVE PAYS | 76,694 | 76,694 | --- |
| 500 | SPECIAL PAYS | 218,677 | 218,677 | --- |
| 550 | ALLOWANCES | 65,397 | 65,397 | --- |
| 600 | SEPARATION PAY | 111,690 | 111,690 | --- |
| 650 | SOCIAL SECURITY TAX | 313,641 | 313,641 | --- |
| 700 | TOTAL, BUDGET ACTIVITY 1 | 7,317,515 | 7,317,515 | --- |
| 750 | ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS | | | |
| 800 | BASIC PAY | 9,277,977 | 9,278,940 | +963 |
| 825 | RETIRED PAY ACCRUAL | 2,542,166 | 2,542,430 | +264 |
| 850 | DEFENSE HEALTH PROGRAM ACCRUAL | 1,943,850 | 1,943,850 | --- |
| 1000 | BASIC ALLOWANCE FOR HOUSING | 1,474,070 | 1,474,070 | --- |
| 1050 | INCENTIVE PAYS | 67,866 | 67,866 | --- |
| 1100 | SPECIAL PAYS | 547,812 | 497,812 | -50,000 |
| 1150 | ALLOWANCES | 409,382 | 409,382 | --- |
| 1200 | SEPARATION PAY | 321,423 | 318,523 | -2,900 |
| 1250 | SOCIAL SECURITY TAX | 701,953 | 702,026 | +73 |
| 1300 | TOTAL, BUDGET ACTIVITY 2 | 17,286,499 | 17,234,899 | -51,600 |
| 1350 | ACTIVITY 3: PAY AND ALLOW OF CADETS | | | |
| 1400 | ACADEMY CADETS | 47,352 | 47,352 | --- |
| 1500 | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS | | | |
| 1550 | BASIC ALLOWANCE FOR SUBSISTENCE | 833,180 | 833,180 | --- |
| 1600 | SUBSISTENCE-IN-KIND | 614,538 | 614,538 | --- |
| 1625 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 5,198 | 5,198 | --- |
| 1650 | TOTAL, BUDGET ACTIVITY 4 | 1,452,916 | 1,452,916 | --- |
| 1700 | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 1750 | ACCESSION TRAVEL | 188,434 | 188,434 | --- |
| 1800 | TRAINING TRAVEL | 46,250 | 46,250 | --- |
| 1850 | OPERATIONAL TRAVEL | 179,001 | 179,001 | --- |
| 1900 | ROTATIONAL TRAVEL | 525,754 | 525,754 | --- |
| 1950 | SEPARATION TRAVEL | 152,926 | 152,926 | --- |
| 2000 | TRAVEL OF ORGANIZED UNITS | 1,822 | 1,822 | --- |
| 2050 | NON-TEMPORARY STORAGE | 28,105 | 28,105 | --- |
| 2100 | TEMPORARY LODGING EXPENSE | 20,672 | 20,672 | --- |
| 2200 | TOTAL, BUDGET ACTIVITY 5 | 1,142,964 | 1,142,964 | --- |
| 2250 | ACTIVITY 6: OTHER MILITARY PERS COSTS | | | |
| 2300 | APPREHENSION OF MILITARY DESERTERS | 611 | 611 | --- |
| 2350 | INTEREST ON UNIFORMED SERVICES SAVINGS | 202 | 202 | --- |
| 2400 | DEATH GRATUITIES | 3,360 | 3,360 | --- |
| 2450 | UNEMPLOYMENT BENEFITS | 83,314 | 77,939 | -5,375 |
| 2500 | SURVIVOR BENEFITS | 7,204 | 7,204 | --- |
| 2550 | EDUCATION BENEFITS | 19,163 | 19,163 | --- |
| 2575 | ADOPTION EXPENSES | 252 | 252 | --- |
| 2600 | SPECIAL COMPENSATION FOR SEVERELY DISABLED RETIREES | 20,200 | --- | -20,200 |
| 2625 | TRANSPORTATION SUBSIDY | 2,092 | 2,092 | --- |
| 2675 | TOTAL, BUDGET ACTIVITY 6 | 136,398 | 110,823 | -25,575 |
| 2690 | LESS REIMBURSABLES | -294,352 | -294,352 | --- |
| 2760 | UNDISTRIBUTED ADJUSTMENT | -9,900 | -9,900 | --- |
| 2770 | LEGISLATIVE PROPOSALS NOT ADOPTED | --- | -9,300 | -9,300 |
| 2780 | DHP ACCRUAL REESTIMATE | --- | -110,700 | -110,700 |
| 2790 | UNOBLIGATED BALANCES | --- | -50,000 | -50,000 |
| 2845 | TOTAL, MILITARY PERSONNEL, ARMY | 27,079,392 | 26,832,217 | -247,175 |

The adjustments to the budget activities for Military Personnel, Army are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 2: Pay and Allowances of Enlisted Personnel: | |
| 800 Basic Pay/CT–FP DERF Transfer—CINC Protective Services Detail | 963 |
| 825 Retired Pay Accrual/CT–FP DERF—Transfer CINC Protective Services Detail | 264 |
| 1100 Special Pays/Enlistment Bonuses | −24,000 |
| 1100 Special Pays/Selective Reenlistment Bonuses | −26,000 |
| 1200 Separation Pay/$30,000 Lump Sum Bonus | −2,900 |
| 1250 Social Security Tax/CT–FP DERF—Transfer CINC Protective Services Detail | 73 |
| Budget Activity 6: Other Military Personnel Costs: | |
| 2450 Unemployment Benefits | −5,375 |
| 2600 Special Compensation for Severely Disabled Retirees. | −20,200 |
| Other Adjustments: | |
| 2770 Legislative Proposals Not Adopted | −9,300 |
| 2780 DHP Accrual Reestimate | −110,700 |
| 2790 Unobligated Balances | −50,000 |

## MILITARY PERSONNEL, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $19,551,484,000 |
| Fiscal year 2003 budget request | 22,074,901,000 |
| Committee recommendation | 21,874,395,000 |
| Change from budget request | −200,506,000 |

The Committee recommends an appropriation of $21,874,395,000 for Military Personnel, Navy. The recommendation is an increase of $2,322,911,000 above the $19,551,484,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 2850 | MILITARY PERSONNEL, NAVY | | | |
| 2900 | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICER | | | |
| 2950 | BASIC PAY | 2,887,210 | 2,887,210 | --- |
| 3000 | RETIRED PAY ACCRUAL | 791,096 | 791,096 | --- |
| 3100 | DEFENSE HEALTH PROGRAM ACCRUAL | 248,010 | 248,010 | --- |
| 3150 | BASIC ALLOWANCE FOR HOUSING | 730,451 | 730,451 | --- |
| 3200 | BASIC ALLOWANCE FOR SUBSISTENCE | 109,467 | 109,467 | --- |
| 3250 | INCENTIVE PAYS | 177,881 | 177,881 | --- |
| 3300 | SPECIAL PAYS | 257,016 | 257,016 | --- |
| 3350 | ALLOWANCES | 55,443 | 55,443 | --- |
| 3400 | SEPARATION PAY | 59,069 | 54,569 | -4,500 |
| 3450 | SOCIAL SECURITY TAX | 219,838 | 219,838 | --- |
| 3500 | TOTAL, BUDGET ACTIVITY 1 | 5,535,481 | 5,530,981 | -4,500 |
| 3550 | ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS | | | |
| 3600 | BASIC PAY | 7,434,536 | 7,434,536 | --- |
| 3650 | RETIRED PAY ACCRUAL | 2,037,050 | 2,037,050 | --- |
| 3700 | DEFENSE HEALTH PROGRAM ACCRUAL | 1,460,429 | 1,460,429 | --- |
| 3800 | BASIC ALLOWANCE FOR HOUSING | 2,075,003 | 2,075,003 | --- |
| 3850 | INCENTIVE PAYS | 100,889 | 100,889 | --- |
| 3900 | SPECIAL PAYS | 911,110 | 888,110 | -23,000 |
| 3950 | ALLOWANCES | 386,850 | 386,850 | --- |
| 4000 | SEPARATION PAY | 213,869 | 196,469 | -17,400 |
| 4050 | SOCIAL SECURITY TAX | 563,249 | 563,249 | --- |
| 4100 | TOTAL, BUDGET ACTIVITY 2 | 15,182,985 | 15,142,585 | -40,400 |
| 4150 | ACTIVITY 3: PAY AND ALLOW OF MIDSHIPMEN | | | |
| 4200 | MIDSHIPMEN | 47,294 | 47,294 | --- |
| 4300 | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS | | | |
| 4350 | BASIC ALLOWANCE FOR SUBSISTENCE | 573,757 | 573,757 | --- |
| 4400 | SUBSISTENCE-IN-KIND | 344,595 | 344,595 | --- |
| 4425 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 2,640 | 2,640 | --- |
| 4450 | TOTAL, BUDGET ACTIVITY 4 | 920,992 | 920,992 | --- |
| 4500 | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 4550 | ACCESSION TRAVEL | 64,511 | 64,511 | --- |
| 4600 | TRAINING TRAVEL | 58,287 | 58,287 | --- |
| 4650 | OPERATIONAL TRAVEL | 180,140 | 180,140 | --- |
| 4700 | ROTATIONAL TRAVEL | 268,923 | 268,923 | --- |
| 4750 | SEPARATION TRAVEL | 105,254 | 105,254 | --- |
| 4800 | TRAVEL OF ORGANIZED UNITS | 19,375 | 19,375 | --- |
| 4850 | NON-TEMPORARY STORAGE | 11,390 | 11,390 | --- |
| 4900 | TEMPORARY LODGING EXPENSE | 13,888 | 13,888 | --- |
| 4950 | OTHER | 7,247 | 7,247 | --- |
| 5000 | TOTAL, BUDGET ACTIVITY 5 | 729,015 | 729,015 | --- |
| 5050 | ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 5100 | APPREHENSION OF MILITARY DESERTERS | 825 | 825 | --- |
| 5150 | INTEREST ON UNIFORMED SERVICES SAVINGS | 209 | 209 | --- |
| 5200 | DEATH GRATUITIES | 1,470 | 1,470 | --- |
| 5250 | UNEMPLOYMENT BENEFITS | 50,858 | 44,085 | -6,773 |
| 5300 | SURVIVOR BENEFITS | 2,748 | 2,748 | --- |
| 5350 | EDUCATION BENEFITS | 6,746 | 6,746 | --- |
| 5400 | ADOPTION EXPENSES | 236 | 236 | --- |
| 5420 | SPECIAL COMPENSATION FOR SEVERELY DISABLED RETIREES | 10,433 | --- | -10,433 |
| 5440 | TRANSPORTATION SUBSIDY | 4,391 | 4,391 | --- |
| 5500 | TOTAL, BUDGET ACTIVITY 6 | 77,916 | 60,710 | -17,206 |
| 5510 | LESS REIMBURSABLES | -399,282 | -399,282 | --- |
| 5580 | UNDISTRIBUTED ADJUSTMENT | -19,500 | -19,500 | --- |
| 5590 | LEGISLATIVE PROPOSALS NOT ADOPTED | --- | -3,000 | -3,000 |
| 5600 | DHP ACCRUAL REESTIMATE | --- | -85,400 | -85,400 |
| 5610 | UNOBLIGATED BALANCES | --- | -50,000 | -50,000 |
| 5645 | TOTAL, MILITARY PERSONNEL, NAVY | 22,074,901 | 21,874,395 | -200,506 |

The adjustments to the budget activities for Military Personnel, Navy are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Pay and Allowances of Officers: | |
| 3400 Separation Pay/$30,000 Lump Sum Bonus | −4,500 |
| Budget Activity 2: Pay and Allowances of Enlisted Personnel: | |
| 3900 Special Pays/Selective Reenlistment Bonus | −23,000 |
| 4000 Separation Pay/$30,000 Lump Sum Bonus | −17,400 |
| Budget Activity 6: Other Military Personnel Costs: | |
| 5250 Unemployment Benefits | −6,773 |
| 5420 Special Compensation for Severely Disabled Retirees | −10,433 |
| Other Adjustments: | |
| 5590 Legislative Proposals Not Adopted | −3,000 |
| 5600 DHP Accrual Reestimate | −85,400 |
| 5610 Unobligated Balances | −50,000 |

## MILITARY PERSONNEL, MARINE CORPS

| | |
|---|---|
| Fiscal year 2002 appropriation | $7,345,340,000 |
| Fiscal year 2003 budget request | 8,558,887,000 |
| Committee recommendation | 8,504,172,000 |
| Change from budget request | −54,715,000 |

The Committee recommends an appropriation of $8,504,172,000 for Military Personnel, Marine Corps. The recommendation is an increase of $1,158,832,000 above the $7,345,340,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 5650 | MILITARY PERSONNEL, MARINE CORPS | | | |
| 5700 | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICER | | | |
| 5750 | BASIC PAY | 953,611 | 953,611 | --- |
| 5800 | RETIRED PAY ACCRUAL | 261,005 | 261,005 | --- |
| 5850 | DEFENSE HEALTH PROGRAM ACCRUAL | 83,310 | 83,310 | --- |
| 5950 | BASIC ALLOWANCE FOR HOUSING | 193,249 | 193,249 | --- |
| 6000 | BASIC ALLOWANCE FOR SUBSISTENCE | 37,231 | 37,231 | --- |
| 6050 | INCENTIVE PAYS | 46,651 | 46,651 | --- |
| 6100 | SPECIAL PAYS | 2,451 | 2,451 | --- |
| 6150 | ALLOWANCES | 19,727 | 19,727 | --- |
| 6200 | SEPARATION PAY | 16,126 | 15,226 | -900 |
| 6250 | SOCIAL SECURITY TAX | 73,350 | 73,350 | --- |
| 6300 | TOTAL, BUDGET ACTIVITY 1 | 1,686,711 | 1,685,811 | -900 |
| 6350 | ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS | | | |
| 6400 | BASIC PAY | 3,297,782 | 3,298,382 | +600 |
| 6450 | RETIRED PAY ACCRUAL | 900,416 | 900,416 | --- |
| 6500 | DEFENSE HEALTH PROGRAM ACCRUAL | 718,487 | 718,487 | --- |
| 6600 | BASIC ALLOWANCE FOR HOUSING | 606,017 | 606,017 | --- |
| 6650 | INCENTIVE PAYS | 8,356 | 8,356 | --- |
| 6700 | SPECIAL PAYS | 118,988 | 118,988 | --- |
| 6750 | ALLOWANCES | 163,489 | 163,489 | --- |
| 6800 | SEPARATION PAY | 62,002 | 59,802 | -2,200 |
| 6850 | SOCIAL SECURITY TAX | 251,375 | 251,375 | --- |
| 6900 | TOTAL, BUDGET ACTIVITY 2 | 6,126,912 | 6,125,312 | -1,600 |
| 6950 | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 7000 | BASIC ALLOWANCE FOR SUBSISTENCE | 269,393 | 269,393 | --- |
| 7050 | SUBSISTENCE-IN-KIND | 189,268 | 189,268 | --- |
| 7075 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 750 | 750 | --- |
| 7100 | TOTAL, BUDGET ACTIVITY 4 | 459,411 | 459,411 | --- |
| 7150 | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 7200 | ACCESSION TRAVEL | 39,258 | 39,258 | --- |
| 7250 | TRAINING TRAVEL | 7,431 | 7,431 | --- |
| 7300 | OPERATIONAL TRAVEL | 68,889 | 68,889 | --- |
| 7350 | ROTATIONAL TRAVEL | 99,944 | 99,944 | --- |
| 7400 | SEPARATION TRAVEL | 43,492 | 43,492 | --- |
| 7450 | TRAVEL OF ORGANIZED UNITS | 3,124 | 3,124 | --- |
| 7500 | NON-TEMPORARY STORAGE | 5,006 | 5,006 | --- |
| 7550 | TEMPORARY LODGING EXPENSE | 10,985 | 10,985 | --- |
| 7600 | OTHER | 2,191 | 2,191 | --- |
| 7650 | TOTAL, BUDGET ACTIVITY 5 | 280,320 | 280,320 | --- |
| 7700 | ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 7750 | APPREHENSION OF MILITARY DESERTERS | 1,437 | 1,437 | --- |
| 7800 | INTEREST ON UNIFORMED SERVICES SAVINGS | 16 | 16 | --- |
| 7850 | DEATH GRATUITIES | 708 | 708 | --- |
| 7900 | UNEMPLOYMENT BENEFITS | 28,753 | 19,738 | -9,015 |
| 7950 | SURVIVOR BENEFITS | 1,511 | 1,511 | --- |
| 8000 | EDUCATION BENEFITS | 1,725 | 1,725 | --- |
| 8020 | ADOPTION EXPENSES | 80 | 80 | --- |
| 8040 | SPECIAL COMPENSATION FOR SEVERELY DISABLED RETIREES | 2,900 | --- | -2,900 |
| 8060 | TRANSPORTATION SUBSIDY | 1,297 | 1,297 | --- |
| 8150 | TOTAL, BUDGET ACTIVITY 6 | 38,427 | 26,512 | -11,915 |
| 8160 | LESS REIMBURSABLES | -32,294 | -32,294 | --- |
| 8240 | UNDISTRIBUTED ADJUSTMENT | -600 | -600 | --- |
| 8250 | LEGISLATIVE PROPOSALS NOT ADOPTED | --- | -300 | -300 |
| 8260 | DHP ACCRUAL REESTIMATE | --- | -40,000 | -40,000 |
| 8295 | TOTAL, MILITARY PERSONNEL, MARINE CORPS | 8,558,887 | 8,504,172 | -54,715 |

The adjustments to the budget activities for Military Personnel, Marine Corps are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Pay and Allowances of Officers: | |
| 6200 Separation Pay/$30,000 Lump Sum Bonus | −900 |
| Budget Activity 2: Pay and Allowances of Enlisted Personnel: | |
| 6400 Basic Pay/CT–FP DERF Transfer—CINC Security Force Personnel | 600 |
| 6800 Separation Pay/$30,000 Lump Sum Bonus | −2,200 |
| Budget Activity 6: Other Military Personnel Costs: | |
| 7900 Unemployment Benefits | −9,015 |
| 8040 Special Compensation for Severely Disabled Retirees | −2,900 |
| Other Adjustments: | |
| 8250 Legislative Proposals Not Adopted | −300 |
| 8260 DHP Accrual Reestimate | −40,000 |

## MILITARY PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $19,724,014,000 |
| Fiscal year 2003 budget request | 22,142,585,000 |
| Committee recommendation | 21,957,757,000 |
| Change from budget request | −184,828,000 |

The Committee recommends an appropriation of $21,959,757,000 for Military Personnel, Air Force. The recommendation is an increase of $2,233,743,000 above the $19,724,014,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 8300 | MILITARY PERSONNEL, AIR FORCE | | | |
| 8350 | ACTIVITY 1: PAY AND ALLOWANCES OF OFFICER | | | |
| 8400 | BASIC PAY | 3,872,634 | 3,872,634 | --- |
| 8450 | RETIRED PAY ACCRUAL | 1,061,102 | 1,061,102 | --- |
| 8500 | DEFENSE HEALTH PROGRAM ACCRUAL | 326,881 | 326,881 | --- |
| 8600 | BASIC ALLOWANCE FOR HOUSING | 778,898 | 778,898 | --- |
| 8650 | BASIC ALLOWANCE FOR SUBSISTENCE | 145,032 | 145,032 | --- |
| 8700 | INCENTIVE PAYS | 284,327 | 284,327 | --- |
| 8750 | SPECIAL PAYS | 261,119 | 203,536 | -57,583 |
| 8800 | ALLOWANCES | 58,222 | 58,222 | --- |
| 8850 | SEPARATION PAY | 122,004 | 121,204 | -800 |
| 8900 | SOCIAL SECURITY TAX | 294,071 | 294,071 | --- |
| 8950 | TOTAL, BUDGET ACTIVITY 1 | 7,204,290 | 7,145,907 | -58,383 |
| 9000 | ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS | | | |
| 9050 | BASIC PAY | 7,105,972 | 7,105,972 | --- |
| 9100 | RETIRED PAY ACCRUAL | 1,947,036 | 1,947,036 | --- |
| 9200 | DEFENSE HEALTH PROGRAM ACCRUAL | 1,328,732 | 1,328,732 | --- |
| 9250 | BASIC ALLOWANCE FOR HOUSING | 1,542,052 | 1,542,052 | --- |
| 9300 | INCENTIVE PAYS | 33,250 | 33,250 | --- |
| 9350 | SPECIAL PAYS | 444,437 | 442,539 | -1,898 |
| 9400 | ALLOWANCES | 359,219 | 359,219 | --- |
| 9450 | SEPARATION PAY | 135,166 | 135,166 | --- |
| 9500 | SOCIAL SECURITY TAX | 543,607 | 543,607 | --- |
| 9550 | TOTAL, BUDGET ACTIVITY 2 | 13,439,471 | 13,437,573 | -1,898 |
| 9600 | ACTIVITY 3: PAY AND ALLOWANCES OF CADETS | | | |
| 9650 | ACADEMY CADETS | 49,821 | 49,821 | --- |
| 9750 | ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS | | | |
| 9800 | BASIC ALLOWANCE FOR SUBSISTENCE | 722,407 | 722,407 | --- |
| 9850 | SUBSISTENCE-IN-KIND | 124,086 | 124,086 | --- |
| 9875 | FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 1,177 | 1,177 | --- |
| 9900 | TOTAL, BUDGET ACTIVITY 4 | 847,670 | 847,670 | --- |
| 9950 | ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 10000 | ACCESSION TRAVEL | 95,779 | 95,779 | --- |
| 10050 | TRAINING TRAVEL | 65,087 | 65,087 | --- |
| 10100 | OPERATIONAL TRAVEL | 166,545 | 166,545 | --- |
| 10150 | ROTATIONAL TRAVEL | 466,133 | 466,133 | --- |
| 10200 | SEPARATION TRAVEL | 120,933 | 120,933 | --- |
| 10250 | TRAVEL OF ORGANIZED UNITS | 6,614 | 6,614 | --- |
| 10300 | NON-TEMPORARY STORAGE | 25,446 | 25,446 | --- |
| 10350 | TEMPORARY LODGING EXPENSE | 42,226 | 42,226 | --- |
| 10450 | TOTAL, BUDGET ACTIVITY 5 | 988,763 | 988,763 | --- |
| 10500 | ACTIVITY 6: OTHER MILITARY PERS COSTS | | | |
| 10550 | APPREHENSION OF MILITARY DESERTERS | 100 | 100 | --- |
| 10600 | INTEREST ON UNIFORMED SERVICES SAVINGS | 595 | 595 | --- |
| 10650 | DEATH GRATUITIES | 1,506 | 1,506 | --- |
| 10700 | UNEMPLOYMENT BENEFITS | 26,456 | 19,709 | -6,747 |
| 10750 | SURVIVOR BENEFITS | 3,290 | 3,290 | --- |
| 10800 | EDUCATION BENEFITS | 3,690 | 3,690 | --- |
| 10820 | ADOPTION EXPENSES | 800 | 800 | --- |
| 10840 | SPECIAL COMPENSATION FOR SEVERELY DISABLED RETIREES | 20,400 | --- | -20,400 |
| 10860 | TRANSPORTATION SUBSIDY | 14,290 | 14,290 | --- |
| 10950 | TOTAL, BUDGET ACTIVITY 6 | 71,127 | 43,980 | -27,147 |
| 10960 | LESS REIMBURSABLES | -443,957 | -443,957 | --- |
| 11060 | UNDISTRIBUTED ADJUSTMENT | -14,600 | -14,600 | --- |
| 11070 | LEGISLATIVE PROPOSALS NOT ADOPTED | --- | -14,600 | -14,600 |
| 11080 | DHP ACCRUAL REESTIMATE | --- | -82,800 | -82,800 |
| 11140 | TOTAL, MILITARY PERSONNEL, AIR FORCE | 22,142,585 | 21,957,757 | -184,828 |

The adjustments to the budget activities for Military Personnel, Air Force are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Pay and Allowances of Officers: | |
| 8750 Special Pays/High Deployment Per Diem Allowances | −383 |
| 8750 Special Pays/Critical Skills Accession Bonus | −18,300 |
| 8750 Special Pays/Critical Skills Retention Bonus | −38,900 |
| 8850 Separation Pay/$30,000 Lump Sum Bonus | −800 |
| Budget Activity 2: Pay and Allowances of Enlisted Personnel: | |
| 9350 Special Pays/High Deployment Per Diem Allowances | −1,898 |
| Budget Activity 6: Other Military Personnel Costs: | |
| 10700 Unemployment Benefits | −6,747 |
| 10840 Special Compensation for Severely Disabled Retirees | −20,400 |
| Other Adjustments: | |
| 11070 Legislative Proposals Not Adopted | −14,600 |
| 11080 DHP Accrual Reestimate | −82,800 |

## RESERVE PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $2,670,197,000 |
| Fiscal year 2003 budget request | 3,398,555,000 |
| Committee recommendation | 3,373,455,000 |
| Change from budget request | −25,100,000 |

The Committee recommends an appropriation of $3,373,455,000 for Reserve Personnel, Army. The recommendation is an increase of $703,258,000 above the $2,670,197,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 11150 RESERVE PERSONNEL, ARMY | | | |
| 11200 ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING | | | |
| 11250 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 1,209,865 | 1,164,865 | -45,000 |
| 11300 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY) | 39,372 | 39,372 | --- |
| 11350 PAY GROUP F TRAINING (RECRUITS) | 169,922 | 169,922 | --- |
| 11400 PAY GROUP P TRAINING (PIPELINE RECRUITS) | 10,117 | 10,117 | --- |
| 11420 DEFENSE HEALTH PROGRAM ACCRUAL | 339,788 | 339,788 | --- |
| 11500 TOTAL, BUDGET ACTIVITY 1 | 1,769,064 | 1,724,064 | -45,000 |
| 11550 ACTIVITY 2: OTHER TRAINING AND SUPPORT | | | |
| 11600 MOBILIZATION TRAINING | 18,142 | 18,142 | --- |
| 11650 SCHOOL TRAINING | 100,610 | 100,610 | --- |
| 11700 SPECIAL TRAINING | 120,540 | 128,040 | +7,500 |
| 11750 ADMINISTRATION AND SUPPORT | 1,134,589 | 1,155,589 | +21,000 |
| 11800 EDUCATION BENEFITS | 51,378 | 51,378 | --- |
| 11850 ROTC - SENIOR, JUNIOR | 99,243 | 99,243 | --- |
| 11900 HEALTH PROFESSION SCHOLARSHIP | 29,556 | 29,556 | --- |
| 11925 DEFENSE HEALTH PROGRAM ACCRUAL | 62,614 | 62,614 | --- |
| 11950 OTHER PROGRAMS | 13,819 | 13,819 | --- |
| 11960 TOTAL, BUDGET ACTIVITY 2 | 1,630,491 | 1,658,991 | +28,500 |
| 11970 UNDISTRIBUTED ADJUSTMENT | -1,000 | -1,000 | --- |
| 11980 ADDITIONAL FULL-TIME SUPPORT | --- | 11,500 | +11,500 |
| 11990 DHP ACCRUAL REESTIMATE | --- | -20,100 | -20,100 |
| 12090 TOTAL RESERVE PERSONNEL, ARMY | 3,398,555 | 3,373,455 | -25,100 |

The adjustments to the budget activities for Reserve Personnel, Army are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Unit and Individual Training: | |
| 11250 Pay Group A Training/Realignment to BA 2 | −7,500 |
| 11250 Pay Group A Training/Annual Training Participation Rates | −37,500 |
| Budget Activity 2: Other Training and Support: | |
| 11700 Special Training/Realignment from BA 1 | 7,500 |
| 11750 Administration and Support/CT–FP DERF Transfer—Threat Force Protection Condition Bravo | 31,000 |
| 11750 Administration and Support/CT–FP DERF Transfer—Transfer to Other Procurement, Army | −10,000 |
| Other Adjustments: | |
| 11980 Additional Full-Time Support | 11,500 |
| 11990 DHP Accrual Reestimate | −20,100 |

REALIGNMENT OF FUNDS

The Committee recommends that $7,500,000 of Budget Activity one funds for "Reserve Personnel, Army" be realigned to Budget Activity two programs based on a General Accounting Office review which determined that annual training obligations contained costs for schools and special training.

## RESERVE PERSONNEL, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,654,523,000 |
| Fiscal year 2003 budget request | 1,927,152,000 |
| Committee recommendation | 1,897,352,000 |
| Change from budget request | −29,800,000 |

The Committee recommends an appropriation of $1,897,352,000 for Reserve Personnel, Navy. The recommendation is an increase of $242,829,000 above the $1,654,523,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 12100 | RESERVE PERSONNEL, NAVY | | | |
| 12150 | ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING | | | |
| 12200 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 704,404 | 704,404 | --- |
| 12225 | PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY) | 3,854 | 3,854 | --- |
| 12250 | PAY GROUP F TRAINING (RECRUITS) | 3,238 | 3,238 | --- |
| 12275 | DEFENSE HEALTH PROGRAM ACCRUAL | 128,212 | 128,212 | --- |
| 12350 | TOTAL, BUDGET ACTIVITY 1 | 839,708 | 839,708 | --- |
| 12400 | ACTIVITY 2: OTHER TRAINING AND SUPPORT | | | |
| 12450 | MOBILIZATION TRAINING | 6,343 | 6,343 | --- |
| 12500 | SCHOOL TRAINING | 16,099 | 16,099 | --- |
| 12550 | SPECIAL TRAINING | 53,151 | 53,151 | --- |
| 12600 | ADMINISTRATION AND SUPPORT | 877,719 | 877,719 | --- |
| 12650 | EDUCATION BENEFITS | 1,103 | 1,103 | --- |
| 12700 | ROTC - SENIOR, JUNIOR | 38,242 | 38,242 | --- |
| 12750 | HEALTH PROFESSION SCHOLARSHIP | 28,988 | 28,988 | --- |
| 12775 | DEFENSE HEALTH PROGRAM ACCRUAL | 65,899 | 65,899 | --- |
| 12820 | TOTAL, BUDGET ACTIVITY 2 | 1,087,544 | 1,087,544 | --- |
| 12840 | UNDISTRIBUTED ADJUSTMENT | -100 | -100 | --- |
| 12850 | LEGISLATIVE PROPOSALS NOT ADOPTED | --- | -100 | -100 |
| 12860 | DHP ACCRUAL REESTIMATE | --- | -9,700 | -9,700 |
| 12870 | UNOBLIGATED BALANCES | --- | -20,000 | -20,000 |
| 12940 | TOTAL, RESERVE PERSONNEL, NAVY | 1,927,152 | 1,897,352 | -29,800 |

The adjustments to the budget activities for Reserve Personnel, Navy are shown below:

[In thousands of dollars]

| | |
|---|---|
| Other Adjustments: | |
| 12850 Legislative Proposals Not Adopted | −100 |
| 12860 DHP Accrual Reestimate | −9,700 |
| 12870 Unobligated Balances | −20,000 |

## RESERVE PERSONNEL, MARINE CORPS

| | |
|---|---|
| Fiscal year 2002 appropriation | $471,200,000 |
| Fiscal year 2003 budget request | 557,883,000 |
| Committee recommendation | 553,983,000 |
| Change from budget request | −3,900,000 |

The Committee recommends an appropriation of $553,983,000 for Reserve Personnel, Marine Corps. The recommendation is an increase of $82,783,000 above the $471,200,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 12950 | RESERVE PERSONNEL, MARINE CORPS | | | |
| 13000 | ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING | | | |
| 13050 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 172,881 | 172,881 | --- |
| 13100 | PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY) | 16,969 | 16,969 | --- |
| 13150 | PAY GROUP F TRAINING (RECRUITS) | 72,473 | 72,473 | --- |
| 13200 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 177 | 177 | --- |
| 13225 | DEFENSE HEALTH PROGRAM ACCRUAL | 66,340 | 66,340 | --- |
| 13300 | TOTAL, BUDGET ACTIVITY 1 | 328,840 | 328,840 | --- |
| 13350 | ACTIVITY 2: OTHER TRAINING AND SUPPORT | | | |
| 13400 | MOBILIZATION TRAINING | 2,304 | 2,304 | --- |
| 13450 | SCHOOL TRAINING | 10,710 | 10,710 | --- |
| 13500 | SPECIAL TRAINING | 29,874 | 29,874 | --- |
| 13550 | ADMINISTRATION AND SUPPORT | 141,474 | 141,474 | --- |
| 13600 | EDUCATION BENEFITS | 16,198 | 16,198 | --- |
| 13650 | ROTC - SENIOR, JUNIOR | 5,282 | 5,282 | --- |
| 13675 | DEFENSE HEALTH PROGRAM ACCRUAL | 10,801 | 10,801 | --- |
| 13700 | OTHER PROGRAMS | 12,400 | 12,400 | --- |
| 13710 | TOTAL, BUDGET ACTIVITY 2 | 229,043 | 229,043 | --- |
| 13740 | DHP ACCRUAL REESTIMATE | --- | -3,900 | -3,900 |
| 13840 | TOTAL, RESERVE PERSONNEL, MARINE CORPS | 557,883 | 553,983 | -3,900 |

The adjustment to the budget activities for Reserve Personnel, Marine Corps is shown below:

[In thousands of dollars]

| | |
|---|---|
| Other Adjustments: | |
| 13740 DHP Accrual Reestimate | −3,900 |

## RESERVE PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,061,160,000 |
| Fiscal year 2003 budget request | 1,243,904,000 |
| Committee recommendation | 1,236,904,000 |
| Change from budget request | −7,000,000 |

The Committee recommends an appropriation of $1,236,904,000 for Reserve Personnel, Air Force. The recommendation is an increase of $175,744,000 above the $1,061,160,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 13850 | RESERVE PERSONNEL, AIR FORCE | | | |
| 13900 | ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING | | | |
| 13950 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 520,875 | 520,875 | --- |
| 14000 | PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY) | 105,332 | 105,332 | --- |
| 14050 | PAY GROUP F TRAINING (RECRUITS) | 24,933 | 24,933 | --- |
| 14075 | DEFENSE HEALTH PROGRAM ACCRUAL | 132,127 | 132,127 | --- |
| 14100 | OTHER | 95 | 95 | --- |
| 14150 | TOTAL, BUDGET ACTIVITY 1 | 783,362 | 783,362 | --- |
| 14200 | ACTIVITY 2: OTHER TRAINING AND SUPPORT | | | |
| 14250 | MOBILIZATION TRAINING | 3,058 | 3,058 | --- |
| 14300 | SCHOOL TRAINING | 71,351 | 71,351 | --- |
| 14350 | SPECIAL TRAINING | 148,351 | 148,351 | --- |
| 14400 | ADMINISTRATION AND SUPPORT | 143,948 | 143,948 | --- |
| 14450 | EDUCATION BENEFITS | 7,700 | 7,700 | --- |
| 14500 | ROTC - SENIOR, JUNIOR | 53,315 | 53,315 | --- |
| 14525 | HEALTH PROFESSION SCHOLARSHIP | 26,189 | 26,189 | --- |
| 14550 | DEFENSE HEALTH PROGRAM ACCRUAL | 6,630 | 6,630 | --- |
| 14600 | TOTAL, BUDGET ACTIVITY 2 | 460,542 | 460,542 | --- |
| 14610 | DHP ACCRUAL REESTIMATE | --- | -7,000 | -7,000 |
| 14690 | TOTAL, RESERVE PERSONNEL, AIR FORCE | 1,243,904 | 1,236,904 | -7,000 |

The adjustment to the budget activities for Reserve Personnel, Air Force is shown below:

[In thousands of dollars]

| | |
|---|---|
| Other Adjustments: | |
| 14610 DHP Accrual Reestimate | −7,000 |

## NATIONAL GUARD PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $4,041,695,000 |
| Fiscal year 2003 budget request | 5,128,988,000 |
| Committee recommendation | 5,070,188,000 |
| Change from budget request | −58,800,000 |

The Committee recommends an appropriation of $5,070,188,000 for National Guard Personnel, Army. The recommendation is an increase of $1,028,493,000 above the $4,041,695,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 14700 | NATIONAL GUARD PERSONNEL, ARMY | | | |
| 14750 | ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING | | | |
| 14800 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 1,811,587 | 1,783,587 | -28,000 |
| 14850 | PAY GROUP F TRAINING (RECRUITS) | 246,397 | 246,397 | --- |
| 14900 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 24,894 | 24,894 | --- |
| 14925 | DEFENSE HEALTH PROGRAM ACCRUAL | 577,660 | 577,660 | --- |
| 15000 | TOTAL, BUDGET ACTIVITY 1 | 2,660,538 | 2,632,538 | -28,000 |
| 15050 | ACTIVITY 2: OTHER TRAINING AND SUPPORT | | | |
| 15100 | SCHOOL TRAINING | 229,609 | 229,609 | --- |
| 15150 | SPECIAL TRAINING | 141,503 | 141,503 | --- |
| 15200 | ADMINISTRATION AND SUPPORT | 1,926,099 | 1,926,099 | --- |
| 15250 | EDUCATION BENEFITS | 66,158 | 66,158 | --- |
| 15275 | DEFENSE HEALTH PROGRAM ACCRUAL | 107,181 | 107,181 | --- |
| 15350 | TOTAL, BUDGET ACTIVITY 2 | 2,470,550 | 2,470,550 | --- |
| 15380 | UNDISTRIBUTED ADJUSTMENT | -2,100 | -2,100 | --- |
| 15390 | ADDITIONAL FULL-TIME SUPPORT | --- | 28,400 | +28,400 |
| 15400 | DHP ACCRUAL REESTIMATE | --- | -34,200 | -34,200 |
| 15410 | UNOBLIGATED BALANCES | --- | -25,000 | -25,000 |
| 15445 | TOTAL, NATIONAL GUARD PERSONNEL, ARMY | 5,128,988 | 5,070,188 | -58,800 |

The adjustments to the budget activities for National Guard Personnel, Army are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Unit and Individual Training: | |
| 14800 Pay Group A Training/Annual Training Participation Rates | −18,000 |
| 14800 Pay Group A Training/Support Costs | −10,000 |
| Other Adjustments: | |
| 15390 Additional Full-Time Support | 28,400 |
| 15400 DHP Accrual Reestimate | −34,200 |
| 15410 Unobligated Balances | −25,000 |

## NATIONAL GUARD PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,784,654,000 |
| Fiscal year 2003 budget request | 2,135,611,000 |
| Committee recommendation | 2,124,411,000 |
| Change from budget request | −11,200,000 |

The Committee recommends an appropriation of $2,124,411,000 for National Guard Personnel, Air Force. The recommendation is an increase of $339,757,000 above the $1,784,654,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 15450 | NATIONAL GUARD PERSONNEL, AIR FORCE | | | |
| 15500 | ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING | | | |
| 15550 | PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48) | 776,478 | 776,478 | --- |
| 15600 | PAY GROUP F TRAINING (RECRUITS) | 41,453 | 41,453 | --- |
| 15650 | PAY GROUP P TRAINING (PIPELINE RECRUITS) | 1,174 | 1,174 | --- |
| 15675 | DEFENSE HEALTH PROGRAM ACCRUAL | 148,970 | 148,970 | --- |
| 15750 | TOTAL, BUDGET ACTIVITY 1 | 968,075 | 968,075 | --- |
| 15800 | ACTIVITY 2: OTHER TRAINING AND SUPPORT | | | |
| 15850 | SCHOOL TRAINING | 130,702 | 130,702 | --- |
| 15900 | SPECIAL TRAINING | 109,752 | 109,752 | --- |
| 15950 | ADMINISTRATION AND SUPPORT | 817,601 | 817,601 | --- |
| 16000 | EDUCATION BENEFITS | 33,569 | 33,569 | --- |
| 16025 | DEFENSE HEALTH PROGRAM ACCRUAL | 75,912 | 75,912 | --- |
| 16100 | TOTAL, BUDGET ACTIVITY 2 | 1,167,536 | 1,167,536 | --- |
| 16120 | DHP ACCRUAL REESTIMATE | --- | -11,200 | -11,200 |
| 16200 | TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE | 2,135,611 | 2,124,411 | -11,200 |

The adjustment to the budget activities for National Guard Personnel, Air Force is shown below:

[In thousands of dollars]

| | |
|---|---|
| Other Adjustments: | |
| 16120 DHP Accrual Reestimate | −11,200 |

## TITLE II

## OPERATION AND MAINTENANCE

The fiscal year 2003 budget request for programs funded in Title II of the Committee bill, Operation and Maintenance, is $131,676,367,000 in new budget authority, which is an increase of $26,628,723,000 above the amount appropriated for fiscal year 2002.

The accompanying bill recommends $114,780,366,000 for fiscal year 2003, which is an increase of $9,732,722,000 above the amount appropriated for fiscal year 2002. These appropriations finance the costs of operating and maintaining the Armed Forces, including the reserve components and related support activities of the Department of Defense (DoD), except military personnel costs. Included are pay for civilians, services for maintenance of equipment and facilities, fuel, supplies, and spare parts for weapons and equipment. Financial requirements are influenced by many factors, including force levels such as the number of aircraft squadrons, Army and Marine Corps divisions, installations, military personnel strength and deployments, rates of operational activity, and the quantity and complexity of equipment such as aircraft, ships, missiles and tanks in operation.

The table below summarizes the Committee's recommendations.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 50000 | RECAPITULATION | | | |
| 50050 | O & M, ARMY | 23,961,173 | 23,942,768 | -18,405 |
| 50150 | O & M, NAVY | 28,697,235 | 29,121,836 | +424,601 |
| 50250 | O & M, MARINE CORPS | 3,310,542 | 3,579,359 | +268,817 |
| 50300 | O & M, AIR FORCE | 26,772,768 | 27,587,959 | +815,191 |
| 50400 | O & M, DEFENSEWIDE | 14,169,258 | 14,850,377 | +681,119 |
| 50500 | O & M, ARMY RESERVE | 1,880,110 | 1,976,710 | +96,600 |
| 50550 | O & M, NAVY RESERVE | 1,159,734 | 1,239,309 | +79,575 |
| 50600 | O & M, MARINE CORPS RESERVE | 185,532 | 189,532 | +4,000 |
| 50650 | O & M, AIR FORCE RESERVE | 2,135,452 | 2,165,604 | +30,152 |
| 50700 | O & M, ARMY NATIONAL GUARD | 4,049,567 | 4,231,967 | +182,400 |
| 50750 | O & M, AIR NATIONAL GUARD | 4,062,445 | 4,113,010 | +50,565 |
| 50790 | OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND | 50,000 | --- | -50,000 |
| 50800 | UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES | 9,614 | 9,614 | --- |
| 50850 | ENVIRONMENTAL RESTORATION, ARMY | 395,900 | 395,900 | --- |
| 50900 | ENVIRONMENTAL RESTORATION, NAVY | 256,948 | 256,948 | --- |
| 50950 | ENVIRONMENTAL RESTORATION, AIR FORCE | 389,773 | 389,773 | --- |
| 51000 | ENVIRONMENTAL RESTORATION, DEFENSE-WIDE | 23,498 | 23,498 | --- |
| 51050 | ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES | 212,102 | 212,102 | --- |
| 51200 | OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID | 58,400 | 58,400 | --- |
| 51300 | FORMER SOVIET UNION THREAT REDUCTION | 416,700 | 416,700 | --- |
| 51460 | SUPPORT OF INTERNATIONAL SPORTING COMPETITIONS | 19,000 | 19,000 | --- |
| 51470 | DEFENSE EMERGENCY RESPONSE FUND | 19,460,616 | --- | -19,460,616 |
| 51600 | GRAND TOTAL, O & M | 131,676,367 | 114,780,366 | -16,896,001 |

## OPERATION AND MAINTENANCE OVERVIEW

The Administration's budget request represents an increase of more than $26,000,000,000 over the fiscal year 2002 appropriated level in Title II, Operation and Maintenance. However, after removing from the discussion those funds requested for supporting the continuation of the War Against Terrorism, and inflation, the normalized presentation shows there is very little real increase. The requested funding would sustain flying hour programs at approximately the fiscal year 2002 level, increase Army and Marine Corps ground forces training slightly, and increase ship depot maintenance to over 95 percent of requirement. Requested funding for base operations, and sustainment, restoration and modernization of real property assets supports program growth of over $1,800,000,000 and guards against the need to potentially divert critical mission readiness funds to support infrastructure readiness. Substantial amounts in the services' base operating accounts were requested to continue improvement in facilities security, based on anti-terrorism and force protection assessments.

In Title II of the bill, the Committee has fully supported the requested anti-terrorism and force protection funding. The Committee fully supports the Administration's requested increases in land forces training, ship depot maintenance, sustainment of real property, and professional development and education of military and civilian members of the Department of Defense. The Committee also has supported fully, much needed improvements in family support programs, addressing long standing deficiencies that have become more acute with the prosecution of the War on Terrorism.

The Administration requested $19,460,616,000 in the Defense Emergency Response Fund to support efforts by the Department of Defense to respond to, or protect against, acts or threatened acts of terrorism against the United States. Of that amount, $10,000,000,000 would only be available if a subsequent official budget request, designating the amount of the request as essential to respond or protect against acts or threatened acts of terrorism, is transmitted by the President to the Congress. As explained elsewhere in this report, the Administration has yet to submit any specific request or budget justification for these funds. Pending receipt of any such request or budget amendment, the Committee has deferred action on this $10,000,000,000, appropriation.

As regards the remaining $9,460,616,000 requested in the Defense Emergency Response Fund, budget justification materials identified the specific programs, as well as line items and appropriations accounts, to which the Department planned to transfer funds for obligation. Therefore, rather than provide funding for these items in the Defense Emergency Response Fund, appropriations for those items and amounts approved by the Committee are found in the appropriations accounts and line items identified by the Department.

### RECOMMENDATIONS TO ADDRESS SHORTFALLS

Despite the positive trend in operation and maintenance funding requested for fiscal year 2003, testimony by the services' leadership

and briefings by key staff members indicate that serious shortfalls remain. The funding requested for fiscal year 2003 will not address many critical funding shortfalls in areas such as facilities restoration and modernization, training enablers, aging equipment, spare parts, communications and computers. Funding for ship depot maintenance has been improved, but remains less than the full requirement. Army depot maintenance is rated at only 72 percent of requirement and the Air Force assesses depot maintenance as 84 percent funded.

The Committee has provided over $400,000,000 in additional operating account funding to assist in addressing many of the Department's shortfalls, including increases for individual soldier and marine field equipment, small all terrain vehicles, general purpose tents, training and support facilities, barracks and dining facilities renovation, civilian workforce safety, educational programs and distance learning, anti-corrosion programs to extend the service life of vehicles and equipment, weapons systems depot maintenance, and apprenticeship programs to ensure a stable depot workforce in the future

As has been the practice in the past, the Committee has identified spending that does not directly support readiness and has moved those funds to accounts that more directly support readiness goals.

MILITARY TRAINING

The people of America expect our military forces to demonstrate combat readiness in order to deter aggression by potential adversaries, and when called, to fight and win the Nation's wars. Our soldiers, sailors, airmen and marines deserve to be armed with the best weapons, and provided the best logistical support possible. But achieving the fullest potential combat capability depends in large part on tough, realistic training. The extent to which training facilities are the proper size, to permit the full spectrum of training activities and environments, with state-of-the-art data collection and diagnostics routinely available, directly impacts the ability of military units to achieve and maintain readiness for combat.

In April 2002, the General Accounting Office reported on a variety of constraints to meeting training requirements faced by non-CONUS combat units. The GAO reported that units have the most difficulty in meeting training requirements for maneuver, live fire events, and night and low altitude flying. The report noted that units employ workarounds to adjust training events for constraints that are encountered, but that such workarounds can result in practicing tactics that would be less than optimal in actual combat. Additionally, units that are based in locations remote from larger and better equipped training areas must deploy more often, at additional cost, and involving more time away from home station and family, than for units with access to quality training facilities at home station. The GAO report also noted that a fragmented approach to negotiating acceptable training parameters with civil authorities could result in one military service agreeing, without coordination, to training limitations that may be completely unacceptable to another service.

The Committee appreciates the work accomplished by the General Accounting Office in its study of non-CONUS training facilities and training limitations, and believes that an expanded effort, addressing the full spectrum of military training requirements and facilities, worldwide, is needed. The Committee bill includes a general provision that directs the Secretary of Defense to establish an advisory committee to provide a report on the status of training facilities for activities ranging from basic training to joint and combined forces operations, to the congressional defense committees not later than July 31, 2003. The report shall address such matters as training facility accessibility, limitations and restrictions on training, and the impacts of growing commercial and residential development. The report shall detail DoD procedures to achieve efficiencies, retain access to needed training facilities, and ensure coordination between military services, regional military commands, and international training partners. The report shall detail the coordination and cooperation between military officials and local civilian officials in balancing the requirements of quality military training and the concerns of the communities impacted by such training. Specific instances of non-availability of adequate training facilities and the performance of the readiness reporting systems in identifying such situations should be included. The report should address the adequacy of both active and reserve component training facilities, and should address requirements, opportunities, and impediments to expanding training facilities and improving access to those facilities.

CIVILIAN PAY

The Committee has fully funded the budget request for a 2.6 percent pay increase for civilian employees of the Department of Defense. The Committee understands that the Department of Defense may implement an increase in pay that is greater than 2.6 percent, and directs that any increase above 2.6 percent will be accommodated within funds available to the DoD.

GOVERNMENT PURCHASE AND TRAVEL CARDS

In its report accompanying the fiscal year 2002 defense appropriations bill, the Committee expressed serious concerns about the management of the Department of Defense Purchase Card program. In July 2001 testimony before Congress, the General Accounting Office identified numerous internal control weaknesses in the Purchase Card Program based on reviews in two Navy Department organizations, including: (1) policies governing the issuance of purchase cards were ineffective, leading to proliferation of card holders; (2) employees were not sufficiently trained on the use of the purchase card, and employees did not follow established procedures; (3) approximately 2,600 account numbers were compromised, a partial list was found at a college library, and at least 30 accounts received fraudulent charges; (4) internal reviews and audits were ineffective; (5) efforts to maximize rebates were ineffective; (6) easily pilfered items that were acquired using purchase cards were often missing from organizational property records; and (7) many items were purchased for personal use, including laptop computers, clothing, an air conditioner and jewelry.

The Committee was most concerned that supervisors who were responsible for reviewing and certifying that purchases made with the card were for proper purposes, in many cases failed to fulfill their responsibilities, thus allowing unnecessary and fraudulent purchases.

In March of 2002, the General Accounting Office testified before Congress regarding follow-up work to determine if the appropriate corrections had been made in the administration of the Purchase Card Program. The General Accounting Office concluded that internal controls in the Navy organizations reviewed continued to be ineffective. The GAO reported a cultural resistance to change in the internal control environment, and that card holders and supervisors continued to rationalize questionable purchases.

The Committee notes that the Department of Defense has had similar difficulties in managing its Travel Card Program, forcing the banks that provide the travel cards to write off tens of millions of dollars in bad debts by service members.

The Committee is dismayed by the slow response within the Department of Defense to such serious instances of waste, abuse and mismanagement. Following the General Accounting Office's March 2002 testimony, the Department of Defense announced the formation of a task force that would examine credit card management deficiencies. The DoD effort would pursue and punish wrong doers and identify needed administrative and possibly legislative remedies. Considering the sums of money involved and the huge number of DoD purchase/travel card-holders, this involvement by senior management is long overdue. The Committee is hopeful that subsequent reviews of the DoD purchase and travel card programs will indicate that proper management controls are in place and functioning.

The accompanying bill includes a general provision that reduces the total amount available in Operation and Maintenance by $97,000,000 to reflect savings due to improved management and supervision of DoD purchase and travel card programs. Additionally, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than March 31, 2003 which details policy and procedural changes that have been implemented, including the Departments method of ensuring and evaluating compliance with regulations governing the purchase and travel card programs.

ULTRALIGHTWEIGHT CAMOUFLAGE NETS

The fiscal year 2002 Defense Appropriations Act, Public Law 107–117, included a general provision to clarify the use of operation and maintenance funds to purchase ultralightweight camouflage systems as unit spares in order to hasten modernizing the inventory of camouflage screens to state-of-the-art protection standards. The authority was contingent on certification by the Secretary of the Army, that compared to the screening system that could then be purchased with operation and maintenance funds, the ultralightweight camouflage system is technically superior against multi-spectral threat sensors; less costly per unit; and provides improved overall force protection. In May 2002 the Secretary of the Army provided that certification. The accompanying bill in-

cludes a general provision making permanent the authority for the use of operation and maintenance funds of the Armed Forces for the purchase of ultralightweight camouflage net systems as unit spares.

STRONG AND READY FAMILIES

The Committee appreciates the strong support provided to the Armed Forces of the United States by military families. Leaders and supervisors throughout the military recognize this fact as well and make every effort to support military families. The military chaplains in all branches of our armed forces strive to assist military families as those families face the challenges inherent in military life, including frequent relocations, and frequent absences of the military member due to training or combat deployment. Chaplains have developed programs to assist military families to grow stronger. However, military staff judge advocates have indicated that current guidelines, regulations and laws do not establish clear authority for the use of appropriated funds to pay for soldiers and immediate family members meals, lodging, transportation, conference or retreat fees, training materials and supplies while participating voluntarily, in command sponsored—chaplain lead training, retreats, and conferences. The accompanying bill includes a general provision that clarifies the legal ambiguity surrounding the use of appropriated funds in supporting military chaplains programs for strong and ready families.

CONTINGENCY OPERATIONS QUESTIONABLE EXPENDITURES

The Committee is committed to providing the necessary funding for contingency operations that the military forces of the United States are directed to undertake. In order to ensure all required funds are available to the armed forces, the Committee relies on information provided by the administration, both in estimating resources required, and in evaluating the adequacy of provided funding as operations are executed. In May 2002 the General Accounting Office reported, based on an analysis of costs claimed by selected Army and Air Force units during fiscal years 2000 and 2001, that while most contingency operations expenditures were appropriate, over $100,000,000 were spent on questionable items that were not incremental costs of operations, for equipment that was already available in theater, and for frivolous items including cappuccino machines, golf memberships, and decorator furniture.

The Committee appreciates that the services are working aggressively to ensure that contingency operations cost reports are accurate and that duplicative and frivolous expenses are avoided. In recognition of improved contingency cost allocation, the Committee has reduced funding available in Title II as follows:

[In thousands of dollars]

| | |
|---|---|
| Army | $50,000 |
| Air Force | 50,000 |

STUDY OF AFRICAN AMERICANS IN THE ARMED SERVICES

The Committee recognizes the contributions that African Americans have made to the defense of our Nation from before revolu-

tionary times to the present. The Committee believes however, that a single exhaustive study, detailing specific aspects of African Americans in the military has yet to be produced. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than June 30, 2003 to accurately depict the role of African Americans throughout the various branches of the military. The comprehensive study should explore such issues as recruitment, branch participation, awards and decorations, military rank, treatment of African American enlistees, and promotions.

FIREFIGHTING AND EMERGENCY RESPONSE AT DOD INSTALLATIONS

The Committee is concerned that the level of fire and emergency response protection at domestic military installations may not meet minimum safety standards for staffing, equipment and training. Substantial shortcomings are outlined in the Department of Defense Fire and Emergency Services Strategic Plan that has been submitted to the Assistant Deputy Under Secretary for Safety and Occupational Health. The Committee believes the security of our military bases is an essential component of both defense and homeland security, and directs the Deputy Under Secretary for Installations and Environment to assure that adequate resources are provided to implement the Strategic Plan and bring installations into compliance with minimum fire protection standards, including Department of Defense Instruction 6055.6.

UNOBLIGATED BALANCES

The Committee has adjusted amounts available in service and Defense-Wide operation and maintenance accounts for fiscal year 2003 to allow for the impact of amounts left unobligated in operation and maintenance accounts at the end of prior fiscal years and the effect of such underobligations on estimated future requirements. The Committee has reduced funding for unobligated balances as follows.

[In thousands of dollars]

| | |
|---|---|
| Army | $50,000 |
| Navy | 82,000 |
| Marine Corps | 8,000 |
| Air Force | 33,000 |
| Defense-Wide | 25,000 |

OPERATION AND MAINTENANCE BUDGET EXECUTION DATA

The Committee directs the Department of Defense to continue to provide the congressional defense committees with quarterly budget execution data. Such data should be provided not later than forty-five days past the close of each quarter of the fiscal year, and should be provided for each O–1 budget activity, activity group, and subactivity group for each of the active, defense-wide, reserve and National Guard components. For each O–1 budget activity, activity group, and subactivity group, these reports should include the budget request and actual obligations; the DoD distribution of unallocated congressional adjustments to the budget request; all adjustments made by DoD during the process of rebaselining the Operation and Maintenance accounts; all adjustments resulting

from below threshold reprogrammings; and all adjustments resulting from prior approval reprogramming requests.

In addition, the Committee requires that the Department of Defense provide semiannual written notifications to the congressional defense committees which summarize Operation and Maintenance budget execution to include the effect of rebaselining procedures, other below threshold reprogrammings, and prior approval reprogrammings. The Committee further directs that the Department of Defense provide the House and Senate Committees on Appropriations written notification 30 days prior to executing procedures to rebaseline Operation and Maintenance accounts.

OPERATION AND MAINTENANCE REPROGRAMMINGS

The Committee directs that proposed transfers of funds between O–1 budget activities in excess of $15,000,000 be subject to normal prior approval reprogramming procedures. Items for which funds have been specifically provided in any appropriation in the report using phrases "only for" and "only to" are Congressional interest items for the purpose of the Base for Reprogramming (DD form 1414). Each of these items must be carried on the DD1414 at the stated amount, or revised amount if changed during conference or if otherwise specifically addressed in the conference report. In addition, due to continuing concerns about force readiness and the diversion of Operation and Maintenance funds, the Committee directs the Department of Defense to provide written notification to the congressional defense committees for the cumulative value of any and all transfers in excess of $15,000,000 from the following budget activities and subactivity group categories:

*Operation and maintenance, Army*

Land Forces: Divisions, Corps combat forces, Corps support forces, Echelon above Corps forces, Land forces operation support; Land Forces Readiness: Land forces depot maintenance.

*Operation and maintenance, Navy*

Air Operations: Mission and other flight operations, Fleet air training, Aircraft depot maintenance; Ship Operations: Mission and other ship operations, Ship operational support and training, Intermediate maintenance, Ship depot maintenance.

*Operation and maintenance, Marine Corps*

Expeditionary Forces: Operational forces, Depot maintenance.

*Operation and maintenance, Air Force*

Air Operations: Primary combat forces, Primary combat weapons, Air operations training, Depot maintenance; Mobility Operations: Airlift operations, Depot maintenance, Payments to the transportation business area; Basic Skill and Advance Training: Depot maintenance; Logistics Operations: Depot maintenance.

Further, the Department should follow prior approval reprogramming procedures for transfers in excess of $15,000,000 out of the following budget subactivities:

*Operation and maintenance, Army*

Depot maintenance.

*Operation and maintenance, Navy*

Aircraft depot maintenance,
Ship depot maintenance.

*Operation and maintenance, Marine Corps*

Depot maintenance.

*Operation and maintenance, Air Force*

Air Operations, Depot maintenance,
Mobility Operations, Depot maintenance,
Basic Skills and Advanced Training, Depot maintenance, and Logistics Operations, Depot maintenance.

0–1 REPROGRAMMING APPROVAL REQUIREMENT

The Committee is concerned about the Department's efforts to undermine Congressional intent with regard to specific program reductions taken in the Committee's report. While the Committee does not object to the Department's common practice of below threshold reprogramming to address pricing increases (such as fuel, inflation, foreign currency, etc.) and emerging requirements, the Committee does object when the Department restores funding to programs that have been specifically reduced by Congress as shown in annual Committee reports. The Committee directs that all funding reductions to programs and activities in Operation and Maintenance appropriations, other than those related to pricing, are made with prejudice and shall be so shown on DD Form 1414 for fiscal year 2003 and subsequent fiscal years for Operation and Maintenance appropriations. Increases to such programs and activities may be requested from the congressional defense committees subject to normal prior approval reprogramming procedures.

CLASSIFIED ANNEX

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

## OPERATION AND MAINTENANCE, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $22,335,074,000 |
| Fiscal year 2003 budget request | 23,961,173,000 |
| Committee recommendation | 23,942,768,000 |
| Change from budget request | – 18,405,000 |

The Committee recommends an appropriation of $23,942,768,000 for Operation and Maintenance, Army. The recommendation is an increase of $1,607,694,000 above the amount appropriated for fiscal year 2002.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 100 | OPERATION AND MAINTENANCE, ARMY | | | |
| 150 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 200 | LAND FORCES | | | |
| 250 | DIVISIONS | 1,425,204 | 1,439,304 | +14,100 |
| 300 | CORPS COMBAT FORCES | 424,191 | 424,191 | --- |
| 350 | CORPS SUPPORT FORCES | 361,001 | 361,001 | --- |
| 400 | ECHELON ABOVE CORPS SUPPORT FORCES | 405,752 | 405,752 | --- |
| 450 | LAND FORCES OPERATIONS SUPPORT | 1,115,776 | 1,123,776 | +8,000 |
| 500 | LAND FORCES READINESS | | | |
| 550 | FORCE READINESS OPERATIONS SUPPORT | 1,529,998 | 1,581,498 | +51,500 |
| 600 | LAND FORCES SYSTEMS READINESS | 491,947 | 491,947 | --- |
| 650 | LAND FORCES DEPOT MAINTENANCE | 808,666 | 808,666 | --- |
| 700 | LAND FORCES READINESS SUPPORT | | | |
| 750 | BASE OPERATIONS SUPPORT | 3,207,409 | 3,214,409 | +7,000 |
| 800 | FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 1,146,516 | 1,150,516 | +4,000 |
| 850 | MANAGEMENT & OPERATIONAL HEADQUARTERS | 297,834 | 307,234 | +9,400 |
| 900 | UNIFIED COMMANDS | 83,961 | 83,961 | --- |
| 950 | MISCELLANEOUS ACTIVITIES | 1,607,610 | 1,622,610 | +15,000 |
| 1045 | TOTAL, BUDGET ACTIVITY 1 | 12,905,865 | 13,014,865 | +109,000 |
| 1050 | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 1100 | MOBILITY OPERATIONS | | | |
| 1200 | STRATEGIC MOBILIZATION | 365,257 | 365,257 | --- |
| 1250 | ARMY PREPOSITIONRD STOCKS | 158,237 | 158,237 | --- |
| 1300 | INDUSTRIAL PREPAREDNESS | 9,497 | 9,497 | --- |
| 1325 | FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 11,473 | 11,473 | --- |
| 1350 | TOTAL, BUDGET ACTIVITY 2 | 544,464 | 544,464 | --- |
| 1400 | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 1450 | ACCESSION TRAINING | | | |
| 1500 | OFFICER ACQUISITION | 88,026 | 88,026 | --- |
| 1550 | RECRUIT TRAINING | 20,197 | 20,197 | --- |
| 1600 | ONE STATION UNIT TRAINING | 22,486 | 22,486 | --- |
| 1650 | SENIOR RESERVE OFFICERS' TRAINING CORPS | 209,550 | 209,550 | --- |
| 1700 | BASE OPERATIONS SUPPORT (ACCESSION TRAINING) | 89,214 | 89,214 | --- |
| 1750 | FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 56,754 | 56,754 | --- |
| 1800 | BASIC SKILL/ ADVANCE TRAINING | | | |
| 1850 | SPECIALIZED SKILL TRAINING | 365,041 | 400,941 | +35,900 |
| 1900 | FLIGHT TRAINING | 402,481 | 404,481 | +2,000 |
| 1950 | PROFESSIONAL DEVELOPMENT EDUCATION | 133,572 | 133,572 | --- |
| 2000 | TRAINING SUPPORT | 431,508 | 432,508 | +1,000 |
| 2050 | BASE OPERATIONS SUPPORT (BASIC SKILL/ADV TRAINING) | 1,006,102 | 1,007,102 | +1,000 |
| 2100 | FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 351,864 | 356,364 | +4,500 |
| 2150 | RECRUITING/OTHER TRAINING | | | |
| 2200 | RECRUITING AND ADVERTISING | 458,788 | 458,788 | --- |
| 2250 | EXAMINING | 87,568 | 87,568 | --- |
| 2300 | OFF-DUTY AND VOLUNTARY EDUCATION | 208,860 | 208,860 | --- |
| 2350 | CIVILIAN EDUCATION AND TRAINING | 99,193 | 100,193 | +1,000 |
| 2400 | JUNIOR RESERVE OFFICERS' TRAINING CORPS | 97,512 | 97,512 | --- |
| 2450 | BASE OPERATIONS SUPPORT (RECRUIT/OTHER TRAINING) | 250,316 | 252,616 | +2,300 |
| 2500 | TOTAL, BUDGET ACTIVITY 3 | 4,379,032 | 4,426,732 | +47,700 |
| 2550 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 2600 | SECURITY PROGRAMS | | | |
| 2650 | SECURITY PROGRAMS | 572,013 | 587,013 | +15,000 |
| 2700 | LOGISTICS OPERATIONS | | | |
| 2750 | SERVICEWIDE TRANSPORTATION | 608,608 | 590,608 | -18,000 |
| 2800 | CENTRAL SUPPLY ACTIVITIES | 547,994 | 552,494 | +4,500 |
| 2850 | LOGISTICS SUPPORT ACTIVITIES | 356,424 | 361,424 | +5,000 |
| 2900 | AMMUNITION MANAGEMENT | 311,789 | 311,789 | --- |
| 2950 | SERVICEWIDE SUPPORT | | | |
| 3000 | ADMINISTRATION | 638,845 | 622,445 | -16,400 |
| 3050 | SERVICEWIDE COMMUNICATIONS | 655,796 | 631,596 | -24,200 |
| 3100 | MANPOWER MANAGEMENT | 245,901 | 235,901 | -10,000 |
| 3150 | OTHER PERSONNEL SUPPORT | 204,749 | 205,749 | +1,000 |
| 3200 | OTHER SERVICE SUPPORT | 623,408 | 613,408 | -10,000 |
| 3250 | ARMY CLAIMS | 112,215 | 112,215 | --- |
| 3300 | REAL ESTATE MANAGEMENT | 54,282 | 54,282 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 3350 BASE OPERATIONS SUPPORT (SERVICEWIDE SUPPORT) | 1,298,623 | 1,303,623 | +5,000 |
| 3400 FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 257,333 | 261,333 | +4,000 |
| 3550 SUPPORT OF OTHER NATIONS | | | |
| 3600 INTERNATIONAL MILITARY HEADQUARTERS | 205,623 | 205,623 | --- |
| 3650 MISC. SUPPORT OF OTHER NATIONS | 58,091 | 58,091 | --- |
| 3700 TOTAL, BUDGET ACTIVITY 4 | 6,751,694 | 6,707,594 | -44,100 |
| 3710 CLASSIFIED PROGRAMS UNDISTRIBUTED | --- | 5,994 | +5,994 |
| 3720 MEMORIAL EVENTS | --- | 800 | +800 |
| 3870 RETIREMENT ACCRUALS | -612,382 | -612,382 | --- |
| 3880 UNDISTRIBUTED REDUCTION | -7,500 | -7,500 | --- |
| 3930 TRAVEL OF PERSONS | --- | -14,000 | -14,000 |
| 3940 TRADOC TRANSFORMATION | --- | -15,000 | -15,000 |
| 3960 FECA SURCHARGE | --- | -8,799 | -8,799 |
| 3970 UNOBLIGATED BALANCES | --- | -50,000 | -50,000 |
| 3980 CONOPS COSTS | --- | -50,000 | -50,000 |
| 4180 TOTAL, OPERATION AND MAINTENANCE, ARMY | 23,961,173 | 23,942,768 | -18,405 |

The adjustments to the budget activities for Operation and Maintenance, Army are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 250 All Terrain Military Utility Vehicles | 4,100 |
| 250 Hydration on the Move System, Including Chem/Bio Sys | 2,000 |
| 250 Modular Lightweight Load-Carrying Equipment (MOLLE) | 6,000 |
| 250 Modular General Purpose Tent System (MGPTS) | 2,000 |
| 450 Camera Assisted Monitoring System (CAMS) | 8,000 |
| 550 Continuity of Operations DERF—Alt Nat Cmd Ctr | 44,000 |
| 550 Continuity of Operations DERF—CONUS Support | 2,000 |
| 550 CT/FP DERF—Physical Security Equipment | 76,900 |
| 550 CT/FP DERF—Physical Security Equipment trans to OPA | −76,900 |
| 550 ITAM Program at Army NTC | 1,500 |
| 550 Corrosion Prevention and Control Program at Corpus Christi Army Depot and Fort Hood | 3,000 |
| 550 Daggett Airport Fire Station | 1,000 |
| 750 Training and Support Facilities—Continue Road and Facilities Improvements at NTC, Fort Irwin | 7,000 |
| 800 Airborne Barracks—Ft. Benning, Georgia | 4,000 |
| 850 CT/FP DERF—Personnel | 9,400 |
| 950 Nuclear Posture Review DERF—Info Systems Sec | 15,000 |
| Budget Activity 3: | |
| 1850 Sec, Comms & Info Opns DERF—Army Lang Pgm TIARA | 19,500 |
| 1850 Sec, Comms & Info Opns DERF—Contr Linguists TIARA | 9,400 |
| 1850 Sec, Comms & Info Opns DERF—Contract Linguists Interrogation | 5,000 |
| 1850 Military Police Multijurisdictional Counterdrug Task Force Training (MCTFT) Joint Training | 2,000 |
| 1900 Air Battle Captain Program | 2,000 |
| 2000 Defense Language Institute (DLI) LangNet | 1,000 |
| 2050 DoD Monterey Bay Center Furniture and Equip | 1,000 |
| 2100 Restoration and Modernization of Dining Facilities | 4,500 |
| 2350 Online Technology Training Pilot Program | 1,000 |
| 2450 Sec, Comms & Info Opns DERF—PE0135197 | 2,300 |
| Budget Activity 4: | |
| 2650 Continuity of Operations DERF—CONUS Support | 2,000 |
| 2650 Sec, Comms & Info Opns DERF—Battle Space Character | 2,000 |
| 2650 Sec, Comms & Info Opns DERF—Sec & Invest Acts | 10,000 |
| 2650 Sec, Comms & Info Opns DERF—Sec and Invest Acts | 1,000 |
| 2750 Servicewide Transportation | −18,000 |
| 2800 Pulse Technology—Army Battery Management Program | 4,500 |
| 2850 Automatic Identification Technology/Radio Frequency Identification (AIT/RFID) Program at Sierra Army Depot | 2,000 |
| 2850 Electronic Maintenance System (EMS)/Point-to-Point Wiring and Signal Tracing | 2,000 |
| 2850 Logistics and Technology Program | 1,000 |
| 3000 Sec, Comms & Info Opns DERF—Critical Infrastructure Protection | 600 |
| 3000 Administration | −17,000 |
| 3050 Continuity of Operations DERF—CONUS Support | 5,000 |
| 3050 Sec, Comms & Info Opns DERF—Collaboration Planning/Enablers | 2,500 |
| 3050 Sec, Comms & Info Opns DERF—CONUS Support | 500 |
| 3050 Sec, Comms & Info Opns DERF—Info Syst Sec Program | 4,600 |
| 3050 Sec, Comms & Info Opns DERF—Info Syst Sec Program | 1,700 |
| 3050 Sec, Comms & Info Opns DERF—Info Syst Sec Program | 1,500 |
| 3050 Servicewide Communications | −22,000 |
| 3050 Army Information Systems | −6,000 |
| 3050 Army Enterprise Architecture | −6,000 |
| 3050 C4 Requirements for PACOM—Transfer to procurement | −6,000 |

| | |
|---|---|
| 3100 Manpower Management | −10,000 |
| 3150 Chaplain—Building Strong and Ready Families Program | 1,000 |
| 3200 Other Service Support | −10,000 |
| 3350 Worker Safety Pilot Program expansion at Fort Bragg, NC and Watervilet, NY | 5,000 |
| 3400 Army Chapel Renovation Matching Funds Program | 4,000 |
| Undistributed: | |
| 3710 Classified Programs Undistributed DERF | 5,994 |
| 3720 Memorial Events | 800 |
| 3930 Travel of Persons | −14,000 |
| 3940 TRADOC Transformation | −15,000 |
| 3950 FECA Surcharge | −8,799 |
| 3960 Unobligated Balance | −50,000 |
| 3970 CONOPS Costs | −50,000 |

ONLINE TECHNOLOGY TRAINING PROGRAM

The Committee recommends an additional $1,000,000 only for the Army to procure commercial off-the-shelf web-based technology training software.

CAMERA ASSISTED MONITORING SYSTEM (CAMS)

The Committee commends the Army for use of CAMS (Camera Assisted Monitoring System) to support security efforts within the Army, and recommends an additional $8,000,000 for the Army Material Command only for CAMS. The Committee also believes that the application of the proven, cost-effective CAMS technology will enhance the capabilities of deployed forces to conduct peacekeeping and other global contingency operations.

WORKER SAFETY DEMONSTRATION PROGRAM

The Committee understands that the Army has identified installations with high incidences of worker injuries that could benefit immediately from the contractor services being provided at Ft. Bragg and Watervliet Arsenal as part of DoD's Worker Safety Demonstration Program. The Committee therefore recommends an additional $5,000,000 in Operation and Maintenance, Army, to be used at installations selected by the Army to provide the following contractor services:

—a safety assessment at the selected installations to determine the level of safety management systems in place.

—development of a training program and data system to assist the development of a cultural change with respect to safety.

RECRUITING AND ADVERTISING

The Committee continues to support the Army's recruiting and advertising campaign to ensure the Army achieves its recruiting goals. The Committee directs that no less than $9,000,000 of the total funds provided in this Act for Army advertising efforts in Operation and Maintenance, Army be used to maintain existing production efforts directed toward certain audiences, including Hispanic recruits.

## OPERATION AND MAINTENANCE, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $26,876,636,000 |
| Fiscal year 2003 budget request | 28,697,235,000 |
| Committee recommendation | 29,121,836,000 |
| Change from budget request | 424,601,000 |

The Committee recommends an appropriation of $29,121,836,000 for Operation and Maintenance, Navy. The recommendation is an increase of $2,245,200,000 above the amount appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 4250 | OPERATION AND MAINTENANCE, NAVY | | | |
| 4300 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 4350 | AIR OPERATIONS | | | |
| 4400 | MISSION AND OTHER FLIGHT OPERATIONS | 3,247,197 | 3,247,197 | --- |
| 4450 | FLEET AIR TRAINING | 1,030,024 | 1,030,024 | --- |
| 4500 | INTERMEDIATE MAINTENANCE | 69,945 | 74,945 | +5,000 |
| 4550 | AIR OPERATIONS AND SAFETY SUPPORT | 109,072 | 109,072 | --- |
| 4600 | AIRCRAFT DEPOT MAINTENANCE | 785,052 | 775,052 | -10,000 |
| 4650 | AIRCRAFT DEPOT OPERATIONS SUPPORT | 55,930 | 55,930 | --- |
| 4800 | SHIP OPERATIONS | | | |
| 4850 | MISSION AND OTHER SHIP OPERATIONS | 2,442,911 | 2,442,911 | --- |
| 4900 | SHIP OPERATIONAL SUPPORT AND TRAINING | 589,655 | 596,655 | +7,000 |
| 4950 | INTERMEDIATE MAINTENANCE | 406,251 | 406,251 | --- |
| 5000 | SHIP DEPOT MAINTENANCE | 3,536,452 | 3,536,452 | --- |
| 5050 | SHIP DEPOT OPERATIONS SUPPORT | 1,324,577 | 1,335,277 | +10,700 |
| 5200 | COMBAT OPERATIONS/SUPPORT | | | |
| 5250 | COMBAT COMMUNICATIONS | 424,042 | 424,042 | --- |
| 5300 | ELECTRONIC WARFARE | 15,485 | 15,485 | --- |
| 5350 | SPACE SYSTEMS & SURVEILLANCE | 205,001 | 205,001 | --- |
| 5400 | WARFARE TACTICS | 166,186 | 166,186 | --- |
| 5450 | OPERATIONAL METEOROLOGY & OCEANOGRAPHY | 273,412 | 273,412 | --- |
| 5500 | COMBAT SUPPORT FORCES | 767,833 | 819,833 | +52,000 |
| 5550 | EQUIPMENT MAINTENANCE | 169,941 | 175,441 | +5,500 |
| 5600 | DEPOT OPERATIONS SUPPORT | 1,676 | 1,676 | --- |
| 5750 | WEAPONS SUPPORT | | | |
| 5800 | CRUISE MISSILE | 162,185 | 162,185 | --- |
| 5850 | FLEET BALLISTIC MISSILE | 806,150 | 813,150 | +7,000 |
| 5900 | IN-SERVICE WEAPONS SYSTEMS SUPPORT | 43,314 | 43,314 | --- |
| 5950 | WEAPONS MAINTENANCE | 420,864 | 429,864 | +9,000 |
| 6100 | WORKING CAPITAL FUND SUPPORT | | | |
| 6200 | BASE SUPPORT | | | |
| 6210 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 1,153,732 | 1,378,432 | +224,700 |
| 6220 | BASE SUPPORT | 2,748,739 | 3,002,120 | +253,381 |
| 6230 | TOTAL, BUDGET ACTIVITY 1 | 20,955,626 | 21,519,907 | +564,281 |
| 6250 | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 6300 | READY RESERVE AND PREPOSITIONING FORCES | | | |
| 6350 | SHIP PREPOSITIONING AND SURGE | 528,795 | 528,795 | --- |
| 6400 | ACTIVATIONS/INACTIVATIONS | | | |
| 6450 | AIRCRAFT ACTIVATIONS/INACTIVATIONS | 3,432 | 3,432 | --- |
| 6500 | SHIP ACTIVATIONS/INACTIVATIONS | 156,037 | 160,037 | +4,000 |
| 6550 | MOBILIZATION PREPAREDNESS | | | |
| 6600 | FLEET HOSPITAL PROGRAM | 25,561 | 29,561 | +4,000 |
| 6650 | INDUSTRIAL READINESS | 1,207 | 1,207 | --- |
| 6700 | COAST GUARD SUPPORT | 18,759 | 18,759 | --- |
| 6750 | TOTAL, BUDGET ACTIVITY 2 | 733,791 | 741,791 | +8,000 |
| 6800 | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 6850 | ACCESSION TRAINING | | | |
| 6900 | OFFICER ACQUISITION | 115,943 | 115,943 | --- |
| 6950 | RECRUIT TRAINING | 10,413 | 10,413 | --- |
| 7000 | RESERVE OFFICERS TRAINING CORPS | 83,461 | 85,461 | +2,000 |
| 7150 | BASIC SKILLS AND ADVANCED TRAINING | | | |
| 7200 | SPECIALIZED SKILL TRAINING | 351,114 | 353,114 | +2,000 |
| 7250 | FLIGHT TRAINING | 371,096 | 371,096 | --- |
| 7300 | PROFESSIONAL DEVELOPMENT EDUCATION | 137,801 | 137,801 | --- |
| 7350 | TRAINING SUPPORT | 218,765 | 228,265 | +9,500 |
| 7500 | RECRUITING, AND OTHER TRAINING AND EDUCATION | | | |
| 7550 | RECRUITING AND ADVERTISING | 257,292 | 257,292 | --- |
| 7600 | OFF-DUTY AND VOLUNTARY EDUCATION | 102,643 | 104,503 | +1,860 |
| 7650 | CIVILIAN EDUCATION AND TRAINING | 75,178 | 75,178 | --- |
| 7700 | JUNIOR ROTC | 35,358 | 36,358 | +1,000 |
| 7800 | BASE SUPPORT | | | |
| 7820 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 224,764 | 266,764 | +42,000 |
| 7830 | BASE SUPPORT | 375,698 | 377,698 | +2,000 |
| 7850 | TOTAL, BUDGET ACTIVITY 3 | 2,359,526 | 2,419,886 | +60,360 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 7900 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 7950 | SERVICEWIDE SUPPORT | | | |
| 8000 | ADMINISTRATION | 669,509 | 665,109 | -4,400 |
| 8050 | EXTERNAL RELATIONS | 4,639 | 4,639 | --- |
| 8100 | CIVILIAN MANPOWER & PERSONNEL MGT | 119,785 | 119,785 | --- |
| 8150 | MILITARY MANPOWER & PERSONNEL MGT | 106,986 | 106,986 | --- |
| 8200 | OTHER PERSONNEL SUPPORT | 199,531 | 199,531 | --- |
| 8250 | SERVICEWIDE COMMUNICATIONS | 732,372 | 737,432 | +5,060 |
| 8450 | LOGISTICS OPERATIONS AND TECHNICAL SUPPORT | | | |
| 8500 | SERVICEWIDE TRANSPORTATION | 186,872 | 185,872 | -1,000 |
| 8550 | PLANNING, ENGINEERING & DESIGN | 393,563 | 382,063 | -11,500 |
| 8600 | ACQUISITION AND PROGRAM MANAGEMENT | 857,646 | 855,646 | -2,000 |
| 8650 | AIR SYSTEMS SUPPORT | 464,959 | 452,959 | -12,000 |
| 8700 | HULL, MECHANICAL & ELECTRICAL SUPPORT | 51,399 | 54,299 | +2,900 |
| 8750 | COMBAT/WEAPONS SYSTEMS | 43,907 | 43,907 | --- |
| 8800 | SPACE & ELECTRONIC WARFARE SYSTEMS | 59,899 | 60,399 | +500 |
| 8950 | SECURITY PROGRAMS | | | |
| 9000 | SECURITY PROGRAMS | 767,090 | 781,290 | +14,200 |
| 9150 | SUPPORT OF OTHER NATIONS | | | |
| 9200 | INTERNATIONAL HDQTRS & AGENCIES | 9,349 | 9,349 | --- |
| 9210 | BASE SUPPORT | | | |
| 9220 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 99,406 | 112,406 | +13,000 |
| 9230 | BASE SUPPORT | 212,958 | 214,958 | +2,000 |
| 9250 | TOTAL, BUDGET ACTIVITY 4 | 4,979,870 | 4,986,630 | +6,760 |
| 9280 | CLASSIFIED PROGRAMS UNDISTRIBUTED | --- | 13,064 | +13,064 |
| 9340 | RETIREMENT ACCRUALS | -324,278 | -324,278 | --- |
| 9350 | UNDISTRIBUTED REDUCTION | -7,300 | -7,300 | --- |
| 9390 | TRAVEL OF PERSONS | --- | -9,000 | -9,000 |
| 9400 | LEGISLATIVE PROPOSAL NOT ADOPTED | --- | -2,100 | -2,100 |
| 9410 | NON-NMCI IT SAVINGS | --- | -120,000 | -120,000 |
| 9430 | FECA SURCHARGE | --- | -14,764 | -14,764 |
| 9440 | UNOBLIGATED BALANCES | --- | -82,000 | -82,000 |
| 9750 | TOTAL, OPERATION AND MAINTENANCE, NAVY | 28,697,235 | 29,121,836 | +424,601 |

The adjustments to the budget activities for Operation and Maintenance, Navy are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: | |
| 4500 Sea Sparrow Test Set Upgrade | 5,000 |
| 4600 Computer Automatic Tester and Radar Communication Automatic Test Equipment (CAT/RADCOM) | −10,000 |
| 4900 Continuity of Operations DERF—Various | 5,000 |
| 4900 Sec, Comms & Info Opns DERF—Cryptologic Direct Support | 2,000 |
| 5050 Apprentice, Engineering Technician and CO-OP Program Naval Undersea Warfare Center Keyport | 2,000 |
| 5050 Apprentice, Engineering Technician and CO-OP Program IMF Bangor | 700 |
| 5050 Improved Engineering Design Process | 8,000 |
| 5500 Continuity of Operations DERF—Office of Navy Intelligence Data Backup | 2,000 |
| 5500 Sec, Comms & Info Opns DERF—Various | 2,000 |
| 5500 Sec, Comms & Info Opns DERF—classified | 1,000 |
| 5500 Sec, Comms & Info Opns DERF—Analysts | 3,000 |
| 5500 Sec, Comms & Info Opns DERF—SCI GCCS I3 | 3,800 |
| 5500 Sec, Comms & Info Opns DERF—GENSER GCCS I3 | 5,400 |
| 5500 Sec, Comms & Info Opns DERF—JDIS/LOCE/CENTRIX | 5,300 |
| 5500 Sec, Comms & Info Opns DERF—CMMA | 1,500 |
| 5500 Sec, Comms & Info Opns DERF—CMMA | 22,500 |
| 5500 Sec, Comms & Info Opns DERF—JWICS Connectivity | 5,500 |
| 5550 Manual Reverse Osmosis Desalinator Testing, Repair and Replacement | 1,000 |
| 5550 Central Command Deployable HQ Spares & Tech Supt | 4,500 |
| 5850 CT/FP DERF—Strat Security Forces & Technicians | 7,000 |
| 5950 Sec, Comms & Info Opns DERF—Pioneer | 6,000 |
| 5950 Mark 45 Gun, 5" Depot Overhauls | 3,000 |
| 6210 CT/FP DERF—Site Improvement | 219,200 |
| 6210 Homeland Security | 2,500 |
| 6210 NAS North Island Facility Renovation Project | 3,000 |
| 6220 CT/FP DERF—Security Forces and Technicians | 143,096 |
| 6220 CT/FP DERF—Law Enforcement | 32,573 |
| 6220 CT/FP DERF—Management and Planning | 1,712 |
| 6220 CT/FP DERF—Shipyard Security Forces and Tech | 28,000 |
| 6220 Homeland Security DERF—Base Support Services | 38,500 |
| 6220 Critical Asset Vulnerability Assessment, Navy Region NW | 1,500 |
| 6220 Northwest Environmental Resource Center | 6,000 |
| 6220 Combating Terrorism Data Base Sys (CDTS) Remote Data Repository | 2,000 |
| Budget Activity 2: | |
| 6500 Ex-Oriskany Ship Disposal Project | 4,000 |
| 6600 Homeland Security—Medical Operations | 4,000 |
| Budget Activity 3: | |
| 7000 ROTC Unit Operating Costs | 2,000 |
| 7200 Sec, Comms & Info Opns DERF—Pre-deploy Training | 1,000 |
| 7200 Sec, Comms & Info Opns DERF—Imagery Training Init | 1,000 |
| 7350 Center for Defense Technology and Education for the Military Services (CDTEMS) | 1,500 |
| 7350 CNET Distance Learning | 4,000 |
| 7350 Prototype System for Embedded Training and Performance Supt—CNET | 1,000 |
| 7350 Navy Learning Network Program CNET | 3,000 |
| 7600 Continuing Education Distance Learning | 1,860 |
| 7700 Naval Sea Cadet Corps | 1,000 |
| 7820 CT/FP DERF—Site Improvement | 42,000 |
| 7830 CT/FP DERF—Security Forces and Tech | 1,500 |
| 7830 Fire Fighter Protective Eqpt Maint Pilot, Puget Sound Fed Fire Dept, NW Region | 500 |
| Budget Activity 4: | |
| 8000 CT/FP DERF—HQ Management and Planning | 1,600 |

| | | |
|---|---|---|
| 8000 | Administration | −6,000 |
| 8250 | Continuity of Opns DERF—Various/ONI Data Backup | 7,000 |
| 8250 | CT/FP DERF—HQ Management and Planning | 3,920 |
| 8250 | Sec, Comms & Info Opns DERF—Computer Network Def | 3,800 |
| 8250 | Sec, Comms & Info Opns DERF—Enclave Boundary | 1,200 |
| 8250 | Sec, Comms & Info Opns DERF—Intrusion Detection | 1,140 |
| 8250 | Servicewide Communications | −12,000 |
| 8500 | Servicewide Transportation | −1,000 |
| 8550 | Planning, Engineering and Design | −15,000 |
| 8550 | Stainless Steel Sanitary Space System | 3,500 |
| 8600 | Sec, Comms & Info Opns DERF—Acquisition and PM | 11,000 |
| 8600 | Acquisition and Program Management | −16,000 |
| 8600 | Space and Naval Warfare Info Tech Center (SITC) | 3,000 |
| 8650 | Air Systems Support | −16,000 |
| 8650 | Configuration Management Info System (CMIS) | 4,000 |
| 8700 | Advanced Technical Information Support | 2,900 |
| 8800 | Sec, Comms & Info Opns DERF—Carryon Cryptologic Sys | 500 |
| 9000 | Continuity of Operations DERF—Various/Navy Criminal Investigations | 2,000 |
| 9000 | CT/FP DERF—Intel Security & Invest Matters | 3,500 |
| 9000 | Sec, Comms & Info Opns DERF—HUMINT | 3,700 |
| 9000 | Sec, Comms & Info Opns DERF—Counter Surveillance and Law Enforcement | 5,000 |
| 9220 | CT/FP DERF—Site Improvement | 13,000 |
| 9230 | NAS Jacksonville and NAS Mayport Anti-Corrosion Init | 2,000 |
| Undistributed: | | |
| 9280 | Classified Programs Undistributed DERF | 13,064 |
| 9390 | Travel of Persons | −9,000 |
| 9400 | Legislative Proposals Not Adopted | −2,100 |
| 9410 | Non-NMCI IT Savings | −120,000 |
| 9420 | FECA Surcharge | −14,764 |
| 9440 | Unobligated Balance | −82,000 |

CENTER FOR DEFENSE TECHNOLOGY AND EDUCATION FOR THE MILITARY SERVICES (CDTEMS)

The Committee recommends an additional $1,500,000 in Operation and Maintenance, Navy only for the Naval Postgraduate School Center for Defense Education and Technology for the Military Services. CDTEMS is transforming education for military officers so they are significantly better prepared to meet future military challenges. The three institutes created by CDTEMS—Information Superiority and Innovation, Defense Systems Engineering and Analysis, and Virtual Environments and Simulation—are on the cutting edge of subsystems integration, streamlining the acquisition process, and designing requirements for total ship integration.

SPACE AND NAVAL WARFARE INFORMATION TECHNOLOGY CENTER (SITC)

The Committee has provided an additional $3,000,000 in Operation and Maintenance, Navy, only for operational support and infrastructure needs at the SITC. The Committee directs the Department of the Navy to conduct enterprise level reengineering and web-enabling of legacy systems, and portal integration efforts at the SITC.

IMPROVED ENGINEERING DESIGN PROCESS

The Committee recommends an additional $8,000,000 only for the Department of the Navy to demonstrate the Improved Engineering Design Process using the Advanced Digital Logistics Integrated Data Capture and Analysis (ADLIDCA) system.

## OPERATION AND MAINTENANCE, MARINE CORPS

| | |
|---|---|
| Fiscal year 2002 appropriation | $2,931,934,000 |
| Fiscal year 2003 budget request | 3,310,542,000 |
| Committee recommendation | 3,579,359,000 |
| Change from budget request | +268,817,000 |

The Committee recommends an appropriation of $3,579,359,000 for Operation and Maintenance, Marine Corps. The recommendation is an increase of $647,425,000 above the amount appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 9900 OPERATION AND MAINTENANCE, MARINE CORPS | | | |
| 9950 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 10000 EXPEDITIONARY FORCES | | | |
| 10050 OPERATIONAL FORCES | 631,065 | 655,465 | +24,400 |
| 10100 FIELD LOGISTICS | 289,401 | 289,401 | --- |
| 10150 DEPOT MAINTENANCE | 138,576 | 143,576 | +5,000 |
| 10200 BASE SUPPORT | 907,624 | 1,165,324 | +257,700 |
| 10250 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 445,582 | 445,582 | --- |
| 10300 USMC PREPOSITIONING | | | |
| 10350 MARITIME PREPOSITIONING | 80,743 | 80,743 | --- |
| 10400 NORWAY PREPOSITIONING | 3,813 | 3,813 | --- |
| 10450 TOTAL, BUDGET ACTIVITY 1 | 2,496,804 | 2,783,904 | +287,100 |
| 10500 BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 10550 ACCESSION TRAINING | | | |
| 10600 RECRUIT TRAINING | 10,516 | 10,516 | --- |
| 10650 OFFICER ACQUISITION | 355 | 355 | --- |
| 10700 BASE SUPPORT | 65,906 | 65,906 | --- |
| 10750 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 29,122 | 29,122 | --- |
| 10800 BASIC SKILLS AND ADVANCED TRAINING | | | |
| 10850 SPECIALIZED SKILLS TRAINING | 40,524 | 40,524 | --- |
| 10900 FLIGHT TRAINING | 175 | 175 | --- |
| 10950 PROFESSIONAL DEVELOPMENT EDUCATION | 8,912 | 8,912 | --- |
| 11000 TRAINING SUPPORT | 112,202 | 112,202 | --- |
| 11050 BASE SUPPORT | 80,141 | 80,141 | --- |
| 11100 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 30,144 | 30,144 | --- |
| 11150 RECRUITING AND OTHER TRAINING EDUCATION | | | |
| 11200 RECRUITING AND ADVERTISING | 121,345 | 121,345 | --- |
| 11250 OFF-DUTY AND VOLUNTARY EDUCATION | 34,695 | 34,695 | --- |
| 11300 JUNIOR ROTC | 13,312 | 13,312 | --- |
| 11350 BASE SUPPORT | 15,137 | 15,137 | --- |
| 11400 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 2,507 | 2,507 | --- |
| 11450 TOTAL, BUDGET ACTIVITY 3 | 564,993 | 564,993 | --- |
| 11500 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 11550 SERVICEWIDE SUPPORT | | | |
| 11650 SPECIAL SUPPORT | 198,890 | 198,890 | --- |
| 11700 SERVICEWIDE TRANSPORTATION | 34,627 | 34,627 | --- |
| 11750 ADMINISTRATION | 39,262 | 39,262 | --- |
| 11800 BASE SUPPORT | 20,438 | 21,438 | +1,000 |
| 11850 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 2,938 | 2,938 | --- |
| 11900 TOTAL, BUDGET ACTIVITY 4 | 296,155 | 297,155 | +1,000 |
| 11950 RETIREMENT ACCRUALS | -47,210 | -47,210 | --- |
| 11960 UNDISTRIBUTED REDUCTION | -200 | -200 | --- |
| 11980 TRAVEL OF PERSONS | --- | -10,000 | -10,000 |
| 12000 FECA SURCHARGE | --- | -1,283 | -1,283 |
| 12010 UNOBLIGATED BALANCES | --- | -8,000 | -8,000 |
| 12300 TOTAL, OPERATION & MAIN, MARINE CORPS | 3,310,542 | 3,579,359 | +268,817 |

The adjustments to the budget activities for Operation and Maintenance, Marine Corps are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 10050 Continuity of Operations DERF—Continuity of Intel | 1,000 |
| 10050 Sec, Comms & Info Opns DERF—Interim Small Unit Remote Sensor (I-SURSS) | 700 |
| 10050 Sec, Comms & Info Opns DERF—Tactical Remote Sensor System (TRSS) | 1,000 |
| 10050 Sec, Comms & Info Opns DERF—Technical Control and Analysis Center (TCAC) | 500 |
| 10050 Sec, Comms & Info Opns DERF—Radio Reconnaissance Equipment Program | 200 |
| 10050 Sec, Comms & Info Opns DERF—Topographic Production Capability | 700 |
| 10050 Sec, Comms & Info Opns DERF—MCIA Analytic Supt | 2,400 |
| 10050 Sec, Comms & Info Opns DERF—TEG | 1,000 |
| 10050 Sec, Comms & Info Opns DERF—TROJAN Lite | 1,500 |
| 10050 Sec, Comms & Info Opns DERF—ISR | 2,900 |
| 10050 Sec, Comms & Info Opns DERF—FLAMES/CESAS | 2,000 |
| 10050 Sec, Comms & Info Opns DERF—Computer Network Def | 2,000 |
| 10050 Sec, Comms & Info Opns DERF—Secure Wireless | 800 |
| 10050 Sec, Comms & Info Opns DERF—Deployed Security Interdiction Devices | 700 |
| 10050 Modular Lightweight Load-Carrying Eqpt (MOLLE) | 5,000 |
| 10050 Modular General Purpose Tent System (MGPTS) | 2,000 |
| 10150 Depot Maintenance of Radar Systems | 5,000 |
| 10200 CT/FP DERF—Physical Security Equipment | 228,000 |
| 10200 CT/FP DERF—CINC AT/FP Staffs | 3,200 |
| 10200 CT/FP DERF—Physical Security Upgrades | 10,000 |
| 10200 Training and Support Facilities | 16,500 |
| Budget Activity 4: | |
| 11800 Continuity of Operations DERF—Site R | 1,000 |
| Undistributed: | |
| 11980 Travel of Persons | −10,000 |
| 11990 FECA Surcharge | −1,283 |
| 12000 Unobligated Balance | −8,000 |

DEPOT MAINTENANCE—RADARS

The Committee is aware of the continuing backlog of executable but unfunded depot maintenance requirements for critical radar systems. The Committee recommends an additional $5,000,000 in Operation and Maintenance, Marine Corps only for depot level maintenance of radar systems.

TRAINING AND SUPPORT FACILITIES

The Committee recommends an additional $16,500,000 in Operation and Maintenance, Marine Corps of which $12,000,000 is provided only for mission critical requirements at the Marine Air-Ground Task Force Training Center, and $4,500,000 is provided only for the seismic retrofit of buildings at Barstow Marine Corps Logistics Base.

## OPERATION AND MAINTENANCE, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $26,026,789,000 |
| Fiscal year 2003 budget request | 26,772,768,000 |
| Committee recommendation | 27,587,959,000 |
| Change from budget request | +815,191,000 |

The Committee recommends an appropriation of $27,587,959,000 for Operation and Maintenance, Air Force. The recommendation is an increase of $1,561,170,000 above the amount appropriated for fiscal year 2002.

## PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 12450 | OPERATION AND MAINTENANCE, AIR FORCE | | | |
| 12500 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 12550 | AIR OPERATIONS | | | |
| 12600 | PRIMARY COMBAT FORCES | 3,244,026 | 3,785,026 | +541,000 |
| 12650 | PRIMARY COMBAT WEAPONS | 336,234 | 336,234 | --- |
| 12700 | COMBAT ENHANCEMENT FORCES | 248,367 | 251,867 | +3,500 |
| 12750 | AIR OPERATIONS TRAINING | 1,250,537 | 1,250,537 | --- |
| 12775 | DEPOT MAINTENANCE | 1,382,953 | 1,382,953 | --- |
| 12800 | COMBAT COMMUNICATIONS | 1,465,273 | 1,465,273 | --- |
| 12850 | BASE SUPPORT | 2,357,450 | 2,413,650 | +56,200 |
| 12900 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 960,912 | 1,062,997 | +102,085 |
| 12950 | COMBAT RELATED OPERATIONS | | | |
| 13000 | GLOBAL C3I AND EARLY WARNING | 816,000 | 846,830 | +30,830 |
| 13050 | NAVIGATION/WEATHER SUPPORT | 187,671 | 187,671 | --- |
| 13100 | OTHER COMBAT OPS SUPPORT PROGRAMS | 425,618 | 442,418 | +16,800 |
| 13150 | JCS EXERCISES | 39,406 | 39,406 | --- |
| 13200 | MANAGEMENT/OPERATIONAL HEADQUARTERS | 221,692 | 240,542 | +18,850 |
| 13250 | TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES | 251,806 | 265,506 | +13,700 |
| 13300 | SPACE OPERATIONS | | | |
| 13350 | LAUNCH FACILITIES | 281,022 | 281,022 | --- |
| 13400 | LAUNCH VEHICLES | 133,478 | 133,478 | --- |
| 13450 | SPACE CONTROL SYSTEMS | 244,626 | 244,626 | --- |
| 13500 | SATELLITE SYSTEMS | 60,989 | 60,989 | --- |
| 13550 | OTHER SPACE OPERATIONS | 251,191 | 261,191 | +10,000 |
| 13600 | BASE SUPPORT | 493,528 | 493,528 | --- |
| 13650 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 157,715 | 157,715 | --- |
| 13700 | TOTAL, BUDGET ACTIVITY 1 | 14,810,494 | 15,603,459 | +792,965 |
| 13750 | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 13800 | MOBILITY OPERATIONS | | | |
| 13850 | AIRLIFT OPERATIONS | 2,147,117 | 2,147,117 | --- |
| 13900 | AIRLIFT OPERATIONS C3I | 42,298 | 44,098 | +1,800 |
| 13950 | MOBILIZATION PREPAREDNESS | 175,023 | 175,023 | --- |
| 13975 | DEPOT MAINTENANCE | 312,552 | 312,552 | --- |
| 14000 | PAYMENTS TO TRANSPORTATION BUSINESS AREA | 470,700 | 470,700 | --- |
| 14050 | BASE SUPPORT | 527,755 | 559,405 | +31,650 |
| 14100 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 159,896 | 217,150 | +57,254 |
| 14150 | TOTAL, BUDGET ACTIVITY 2 | 3,835,341 | 3,926,045 | +90,704 |
| 14200 | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 14250 | ACCESSION TRAINING | | | |
| 14300 | OFFICER ACQUISITION | 69,262 | 69,262 | --- |
| 14350 | RECRUIT TRAINING | 6,879 | 6,879 | --- |
| 14400 | RESERVE OFFICER TRAINING CORPS (ROTC) | 68,063 | 68,063 | --- |
| 14450 | BASE SUPPORT (ACADEMIES ONLY) | 73,180 | 73,180 | --- |
| 14500 | FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 82,672 | 99,013 | +16,341 |
| 14550 | BASIC SKILLS AND ADVANCED TRAINING | | | |
| 14600 | SPECIALIZED SKILL TRAINING | 307,625 | 307,625 | --- |
| 14650 | FLIGHT TRAINING | 663,762 | 663,762 | --- |
| 14700 | PROFESSIONAL DEVELOPMENT EDUCATION | 141,864 | 141,864 | --- |
| 14750 | TRAINING SUPPORT | 92,646 | 92,646 | --- |
| 14775 | DEPOT MAINTENANCE | 8,242 | 8,242 | --- |
| 14800 | BASE SUPPORT (OTHER TRAINING) | 573,464 | 574,614 | +1,150 |
| 14850 | FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES) | 160,638 | 160,638 | --- |
| 14900 | RECRUITING, AND OTHER TRAINING AND EDUCATION | | | |
| 14950 | RECRUITING AND ADVERTISING | 152,289 | 152,289 | --- |
| 15000 | EXAMINING | 3,222 | 3,222 | --- |
| 15050 | OFF DUTY AND VOLUNTARY EDUCATION | 96,516 | 96,516 | --- |
| 15100 | CIVILIAN EDUCATION AND TRAINING | 107,151 | 107,151 | --- |
| 15150 | JUNIOR ROTC | 43,448 | 43,448 | --- |
| 15200 | TOTAL, BUDGET ACTIVITY 3 | 2,650,923 | 2,668,414 | +17,491 |
| 15250 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 15300 | LOGISTICS OPERATIONS | | | |
| 15350 | LOGISTICS OPERATIONS | 922,106 | 922,106 | --- |
| 15400 | TECHNICAL SUPPORT ACTIVITIES | 429,543 | 429,543 | --- |
| 15450 | SERVICEWIDE TRANSPORTATION | 237,503 | 235,503 | -2,000 |
| 15475 | DEPOT MAINTENANCE | 78,062 | 78,062 | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 15500 | BASE SUPPORT | 1,154,363 | 1,161,863 | +7,500 |
| 15550 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 245,436 | 249,412 | +3,976 |
| 15600 | SERVICEWIDE ACTIVITIES | | | |
| 15650 | ADMINISTRATION | 224,882 | 217,882 | -7,000 |
| 15700 | SERVICEWIDE COMMUNICATIONS | 376,841 | 375,941 | -900 |
| 15750 | PERSONNEL PROGRAMS | 184,558 | 179,558 | -5,000 |
| 15800 | RESCUE AND RECOVERY SERVICES | 110,418 | 110,418 | --- |
| 15900 | ARMS CONTROL | 33,092 | 33,092 | --- |
| 15950 | OTHER SERVICEWIDE ACTIVITIES | 572,320 | 555,820 | -16,500 |
| 16000 | OTHER PERSONNEL SUPPORT | 44,716 | 44,716 | --- |
| 16050 | CIVIL AIR PATROL CORPORATION | 19,668 | 19,668 | --- |
| 16100 | BASE SUPPORT | 276,338 | 277,088 | +750 |
| 16150 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 23,816 | 25,816 | +2,000 |
| 16200 | SECURITY PROGRAMS | | | |
| 16250 | SECURITY PROGRAMS | 1,054,171 | 1,061,171 | +7,000 |
| 16300 | SUPPORT TO OTHER NATIONS | | | |
| 16350 | INTERNATIONAL SUPPORT | 20,032 | 20,032 | --- |
| 16400 | TOTAL, BUDGET ACTIVITY 4 | 6,007,865 | 5,997,691 | -10,174 |
| 16410 | CLASSIFIED PROGRAMS UNDISTRIBUTED | --- | 17,422 | +17,422 |
| 16510 | RETIREMENT ACCRUALS | -531,055 | -531,055 | --- |
| 16520 | UNDISTRIBUTED REDUCTION | -800 | -800 | --- |
| 16540 | TRAVEL OF PERSONS | --- | -15,000 | -15,000 |
| 16580 | FECA SURCHARGE | --- | -8,717 | -8,717 |
| 16590 | AERONAUTICAL SYS CTR ENTERPRISE INFOSTRUCTURE PROTYPE | --- | 6,500 | +6,500 |
| 16600 | THREAT REPRESENTATION AND VALIDATION (TR&V) | --- | 1,000 | +1,000 |
| 16610 | CLASSIFIED NAIC OPERATIONALIZING MASINT | --- | 4,500 | +4,500 |
| 16620 | INFORMATION ASSURANCE INITIATIVE | --- | 1,500 | +1,500 |
| 16630 | UNOBLIGATED BALANCES | --- | -33,000 | -33,000 |
| 16640 | CONOPS COSTS | --- | -50,000 | -50,000 |
| 16910 | TOTAL, O&M, AIR FORCE | 26,772,768 | 27,587,959 | +815,191 |

The adjustments to the budget activities for Operation and Maintenance, Air Force are shown below:

[In thousands of dollars]

| | | |
|---|---|---|
| Budget Activity 1: Operating Forces: | | |
| 12600 | CONUS Combat Air Patrol DERF—CAP | 1,200,000 |
| 12600 | CONUS Combat Air Patrol DERF—Changed Alert Posture | −678,000 |
| 12600 | Unmanned Aerial Vehicles DERF—Predator O&M | 9,000 |
| 12600 | F–16 Distributed Mission Training System | 10,000 |
| 12700 | Sec, Comms & Info Opns DERF—Computer Network Def | 3,500 |
| 12850 | CT/FP DERF—AEF Force Prot Certification Tng | 10,200 |
| 12850 | CT/FP DERF—WMD 1st Responder | 46,000 |
| 12900 | CT/FP DERF—AT/FP Facilities Upgrades | 99,585 |
| 12900 | Wright-Patterson AFB Dormitory Renovation | 2,500 |
| 13000 | CT/FP DERF—Geo Reach/Geo Base | 25,800 |
| 13000 | Nucler Posture Review DERF—Info Warfare Support | 5,000 |
| 13000 | Sec, Comms & Info Opns DERF—Defense Recon Supt | 68,630 |
| 13000 | Sec, Comms & Info Opns DERF—Defense Recon Trans | −68,600 |
| 13100 | Continuity of Ops DERF—Nat'l Abn Cmd Ctr | 10,000 |
| 13100 | Continuity of Ops DERF—Aircraft Comms Mods | 3,600 |
| 13100 | Continuity of Ops DERF—Helicopter Support, National Capital Region | 700 |
| 13100 | Continuity of Ops DERF—Comms Sys Operators Tng | 500 |
| 13100 | Sec, Comms & Info Opns DERF—Commercial Imagery | 2,000 |
| 13200 | CT/FP DERF—CENTCOM PSD and Forward HQ | 700 |
| 13200 | CT/FP DERF—CINC AT/FP Staff | 5,500 |
| 13200 | Nuclear Posture Review DERF—Mgt HQ STRATCOM | 1,250 |
| 13200 | Nuclear Posture Review DERF—Info Warfare Supt | 4,000 |
| 13200 | Nuclear Posture Review DERF—Tactical Deception | 1,000 |
| 13200 | Nuclear Posture Review DERF—Mgt HQ STRATCOM | 1,000 |
| 13200 | Sec, Comms & Info Opns DERF—Critical Infrastructure Protection | 400 |
| 13200 | Management Supt for Air Force Battle Labs | 5,000 |
| 13250 | Continuity of Ops DERF—Combat Air Intel Sys | 2,300 |
| 13250 | Continuity of Ops DERF—Special Purpose Comms | 2,000 |
| 13250 | Continuity of Ops DERF—Tactical Info Program | 5,000 |
| 13250 | Sec, Comms & Info Opns DERF—SEP classified | 1,200 |
| 13250 | Sec, Comms & Info Opns DERF—DCGS Architecture | 3,000 |
| 13250 | Sec, Comms & Info Opns DERF—Integrated Broadcast Service | 100 |
| 13250 | Sec, Comms & Info Opns DERF—IBS Smart Pull Tech | 100 |
| 13550 | Continuity of Ops DERF—Recon Supt Activities | 10,000 |
| Budget Activity 2: | | |
| 13900 | Sec, Comms & Info Opns DERF—Critical Infrastructure Protection | 1,800 |
| 14050 | CT/FP DERF—AEF Force Protection Certification Training | 4,800 |
| 14050 | CT/FP DERF—WMD 1st Responder | 21,850 |
| 14050 | Combined Air Crew System Tester (CAST) | 5,000 |
| 14100 | CT/FP DERF—AT/FP Facility Upgrades | 57,254 |
| Budget Activity 3: | | |
| 14500 | CT/FP DERF—AT/FP Facility Upgrades | 16,341 |
| 14800 | CT/FP DERF—WMD 1st Responder | 1,150 |
| Budget Activity 4: | | |
| 15450 | Servicewide Transportation | −2,000 |
| 15500 | CT/FP DERF—AEF Force Protection Certification Tng | 2,900 |
| 15500 | CT/FP DERF—WMD 1st Responder | 4,600 |
| 15550 | CT/FP DERF—AT/FP Facilities Upgrades | 3,976 |
| 15650 | Administration | −7,000 |
| 15700 | Sec, Comms & Info Opns DERF—Modernization, Sustainment and Dev | 4,900 |
| 15700 | Sec, Comms & Info Opns DERF—Modernization, Sustainment and Dev | 1,700 |
| 15700 | Sec, Comms & Info Opns DERF—Intrusion Detect Sys | 1,500 |
| 15700 | Servicewide Communications | −9,000 |

| | | |
|---|---|---|
| 15750 | Personnel Programs | −5,000 |
| 15950 | Other Servicewide Activities | −16,500 |
| 16100 | William Lehman Aviation Center | 750 |
| 16150 | NAIC Foreign Materials Facility | 1,000 |
| 16150 | Conformable Lithography System AFIT Wright-Patterson AFB | 1,000 |
| 16250 | Nuclear Posture Review DERF—Security and Investigative Activities | 2,000 |
| 16250 | Sec, Comms & Info Opns DERF—Def Security Serv | 5,000 |
| Undistributed: | | |
| 16410 | Classified Programs DERF—Undistributed | 17,422 |
| 16540 | Travel of Persons | −15,000 |
| 16580 | FECA Surcharge | −8,717 |
| 16590 | Aeronautical System Center Enterprise Infostructure Prototype | 6,500 |
| 16600 | Threat Representation and Validation (TR&V) | 1,000 |
| 16610 | Classified NAIC Operationalizing MASINT | 4,500 |
| 16620 | Information Assurance Initiative for Air Force Materiel Command | 1,500 |
| 16630 | Unobligated Balances | −33,000 |
| 16640 | CONOPS Costs | −50,000 |

CONUS COMBAT AIR PATROL (CAP)

The protective Continental United States (CONUS) Combat Air Patrol (CAP) initially provided twenty-four hours per day, seven days per week patrol over Washington, DC, New York City and certain other key geographic sites. The amount estimated to continue the CONUS CAP in the DERF account was $1,200,000,000. Adjustments in the execution of the CONUS CAP flying hour program requirements, including strip alert capabilities, have significantly reduced the cost estimate for the CONUS CAP. The revised estimate for the CONUS CAP is $522,000,000. The Committee has provided that amount directly in Operation and Maintenance, Air Force.

COMBAT SEARCH AND RESCUE (CSAR) PLATFORM

The accompanying bill provides that of the funds made available in Operation and Maintenance, Air Force, not less than $2,000,000 shall be made available for the deployment of Air Force active duty and Reserve CSAR air crews to the United Kingdom to participate in an Interfly program to train, operate, evaluate and exchange operational techniques and procedures on the EH101. The Air Force has identified mission deficiencies with the current CSAR platform for future requirements, which include mission reaction time, inadequate range, insufficient cabin space, poor survivability, insufficient situational awareness, and inadequate adverse weather capability. Following the Interfly program, the Secretary of the Air Force shall report to the congressional defense committees on the suitability of this aircraft as the future CSAR platform.

FAIRCHILD AIR FORCE BASE MUSEUM PROPERTY

The Committee is aware of the closing of the Fairchild Air Force Base Heritage Museum and the request to transfer artifacts to the Northwest Museum of Arts and Culture (MAC). Whenever possible, the Committee believes that the utmost consideration should be given to the preservation of local historical interests when the Department of Defense closes museums. Within existing statute and regulation, the Secretary of the Air Force is directed to exercise

maximum discretion in order to maintain a historically significant collection of artifacts in Spokane, Washington.

## OPERATION AND MAINTENANCE, DEFENSE-WIDE

| | |
|---|---|
| Fiscal year 2002 appropriation | $12,773,270,000 |
| Fiscal year 2003 budget request | 14,169,258,000 |
| Committee recommendation | 14,850,377,000 |
| Change from budget request | +681,119,000 |

The Committee recommends an appropriation of $14,850,377,000 for Operation and Maintenance, Defense-Wide. The recommendation is an increase of $2,077,107,000 from the amount appropriated in fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 16950 | OPERATION AND MAINTENANCE, DEFENSE-WIDE | | | |
| 17000 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 17050 | JOINT CHIEFS OF STAFF | 398,341 | 399,404 | +1,063 |
| 17100 | SPECIAL OPERATIONS COMMAND | 1,531,330 | 1,532,330 | +1,000 |
| 17150 | TOTAL, BUDGET ACTIVITY 1 | 1,929,671 | 1,931,734 | +2,063 |
| 17200 | BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 17250 | DEFENSE LOGISTICS AGENCY | 41,420 | 41,420 | --- |
| 17350 | BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 17375 | AMERICAN FORCES INFORMATION SERVICE | 11,232 | 11,232 | --- |
| 17400 | CLASSIFIED PROGRAMS | 6,869 | --- | -6,869 |
| 17460 | DEFENSE ACQUISITION UNIVERSITY | 103,514 | 108,014 | +4,500 |
| 17465 | DEFENSE CONTRACT AUDIT AGENCY | 4,865 | 4,865 | --- |
| 17470 | DEFENSE FINANCE AND ACCOUNTING SERVICE | 9,160 | 9,160 | --- |
| 17480 | DEFENSE HUMAN RESOURCES ACTIVITY | 89,161 | 45,756 | -43,405 |
| 17490 | DEFENSE SECURITY SERVICE | 9,889 | 9,889 | --- |
| 17510 | DEFENSE THREAT REDUCTION AGENCY | 1,292 | 1,292 | --- |
| 17600 | SPECIAL OPERATIONS COMMAND | 62,982 | 62,982 | --- |
| 17650 | TOTAL, BUDGET ACTIVITY 3 | 298,964 | 253,190 | -45,774 |
| 17700 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 17725 | AMERICAN FORCES INFORMATION SERVICE | 98,564 | 98,564 | --- |
| 17750 | CIVIL MILITARY PROGRAMS | 97,006 | 99,506 | +2,500 |
| 17775 | CLASSIFIED PROGRAMS | 5,864,228 | 6,245,214 | +380,986 |
| 17800 | DEFENSE CONTRACT AUDIT AGENCY | 377,495 | 377,495 | --- |
| 17825 | DEFENSE CONTRACT MANAGEMENT AGENCY | 1,070,567 | 1,070,567 | --- |
| 17850 | DEFENSE FINANCE AND ACCOUNTING SERVICE | 2,282 | 8,682 | +6,400 |
| 17875 | DEFENSE HUMAN RESOURCES ACTIVITY | 256,042 | 236,542 | -19,500 |
| 17900 | DEFENSE INFORMATION SYSTEMS AGENCY | 956,644 | 961,144 | +4,500 |
| 17925 | DEFENSE LOGISTICS AGENCY | 201,171 | 191,771 | -9,400 |
| 17950 | DEFENSE LEGAL SERVICES AGENCY | 14,385 | 14,385 | --- |
| 17975 | DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION | 1,616,135 | 1,653,385 | +37,250 |
| 18000 | DEFENSE POW /MISSING PERSONS OFFICE | 15,974 | 15,974 | --- |
| 18025 | DEFENSE SECURITY COOPERATION AGENCY | 67,927 | 67,927 | --- |
| 18050 | DEFENSE SECURITY SERVICE | 170,447 | 170,947 | +500 |
| 18075 | DEFENSE THREAT REDUCTION AGENCY | 273,510 | 314,510 | +41,000 |
| 18100 | OFFICE OF ECONOMIC ADJUSTMENT | 14,740 | 46,240 | +31,500 |
| 18125 | OFFICE OF THE SECRETARY OF DEFENSE | 499,943 | 679,593 | +179,650 |
| 18150 | SPECIAL OPERATIONS COMMAND | 62,885 | 85,885 | +23,000 |
| 18175 | SPECIAL ACTIVITIES | 68,000 | 68,000 | --- |
| 18200 | JOINT CHIEFS OF STAFF | 184,483 | 220,642 | +36,159 |
| 18225 | WASHINGTON HEADQUARTERS SERVICES | 332,821 | 350,821 | +18,000 |
| 18950 | TOTAL, BUDGET ACTIVITY 4 | 12,245,249 | 12,977,794 | +732,545 |
| 19010 | IMPACT AID | --- | 35,000 | +35,000 |
| 19110 | RETIREMENT ACCRUALS | -346,046 | -346,046 | --- |
| 19150 | TRAVEL OF PERSONS | --- | -11,260 | -11,260 |
| 19210 | FECA SURCHARGE | --- | -6,455 | -6,455 |
| 19220 | UNOBLIGATED BALANCES | --- | -25,000 | -25,000 |
| 19450 | TOTAL, OPERATION & MAIN, DEFENSE-WIDE | 14,169,258 | 14,850,377 | +681,119 |

The adjustments to the budget activities for Operation and Maintenance, Defense-Wide are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 17050 TJS—Combating Terrorism Readiness Initiative Fund (Transfer from DERF) | +12,000 |
| 17050 TJS—JCS Exercise Program | −10,937 |
| 17100 SOCOM—Hydration on the Move (CamelBak) | +1,000 |
| Budget Activity 3: Training and Recruiting: | |
| 17400 Classified Programs | −6,869 |
| 17460 DAU—DCMS/IT Organizational Composition Research | +1,000 |
| 17460 DAU—Distance Learning and Performance | +3,500 |
| 17480 DHRA—DLAMP | −19,155 |
| 17480 DHRA—JRAP | −24,250 |
| Budget Activity 4: Administration and Servicewide Activities: | |
| 17750 Civil Military Program—Challenge Program | +2,500 |
| 17775 Classified Program (Transfer from DERF) | +137,770 |
| 17775 Classified Program (Change to DERF) | +143,208 |
| 17775 Classified Programs | +100,008 |
| 17850 DFAS—Financial Operations (Transfer from DERF) | +5,900 |
| 17850 DFAS—Financial Operations (Transfer from DERF) | +500 |
| 17875 DHRA—Critical Infrastructure Protection (Transfer from DERF) | +500 |
| 17875 DHRA—Civilian Personnel Data System | −20,000 |
| 17900 DISA—Secure Voice Teleconferencing System (Transfer from DERF) | +2,500 |
| 17900 DISA—Defense Conferencing Enhancement Program (Transfer from DERF) | +8,900 |
| 17900 DISA—DISA Continuity of Operations (Transfer from DERF) | +2,500 |
| 17900 DISA—Bandwidth Expansion (Transfer from DERF) | +7,600 |
| 17900 DISA—Information Assurance (Transfer from DERF) | +500 |
| 17900 DISA—On-site administrators for primary sites (Transfer from DERF) | +3,400 |
| 17900 DISA—IA, Intell/Coalition Encrp (CWAN) (Transfer from DERF) | +5,000 |
| 17900 DISA—IA, Intell/Coalition Encrp (CFBL) (Transfer from DERF) | +1,600 |
| 17900 DISA—IA Computer Network Defense (Transfer from DERF) | +3,500 |
| 17900 DISA—On-site administrators for primary sites (Transfer from DERF) | +3,000 |
| 17900 DISA—White House Communications (Transfer from DERF) | +3,000 |
| 17900 DISA—Wireless Priority Service Program | −37,000 |
| 19725 DLA—Critical Infrastructure Protection (Transfer from DERF) | +600 |
| 17925 DLA—Information Technology Network Consolidation | −10,000 |
| 18300 DODEA—Enhanced Force Protection (Transfer from DERF) | +24,200 |
| 18300 DODEA—GAVRT Project Expansion | +3,000 |
| 18300 DODEA—Lewis Center for Educational Research | +4,050 |
| 18300 DODEA—Family Support Services | +6,000 |
| 18050 DSS—Critical Infrastructure Protection (Transfer from DERF) | +500 |
| 18075 DTRA—Chemical & Biological Defense Capabilities Assessment | +1,000 |
| 18075 DTRA—Unconventional Nuclear Threat | +40,000 |
| 18100 OEA—George AFB | +2,500 |
| 18100 OEA—Norton AFB | +3,000 |
| 18100 OEA—Bayonne Military Ocean Terminal | +5,000 |
| 18100 OEA—Philadelphia Naval Business Center | +7,000 |
| 18100 OEA—Cecil Field | +5,000 |
| 18100 OEA—Charles Melvin Price Support Center | +2,000 |
| 18100 OEA—East Bay Conversion and Reinvestment Commission Pilot | +1,000 |

| | |
|---|---|
| 18100 OEA—CCAT | +4,000 |
| 18100 OEA—Hunters Point NSY | +2,000 |
| 18125 OSD—OSD Continuity of Operations (COOP) (Transfer from DERF) | +18,000 |
| 18125 OSD—NCR COOP (Transfer from DERF) | +10,500 |
| 18125 OSD—NICP Reserve Support (Transfer from DERF) | +4,000 |
| 18125 OSD—NICP Reserve Support (Transfer from DERF) | +4,000 |
| 18125 OSD—Hard and Deeply Buried Targets (Transfer from DERF) | +3,050 |
| 18125 OSD—CIP—Biological Agent Security (Transfer from DERF) | +2,000 |
| 18125 OSD—CIP—Nuclear Security Command and Control (Transfer from DERF) | +400 |
| 18125 OSD—CIP Technology & Consequence Management (Transfer from DERF) | +6,600 |
| 18125 OSD—Information Operations (Transfer from DERF) | +25,000 |
| 18125 OSD—Concept Plan (Transfer from DERF) | +10,000 |
| 18125 OSD—Information Operations (Transfer from DERF) | +32,000 |
| 18125 OSD—Information Operations (Transfer from DERF) | +1,500 |
| 18125 OSD—Information Operations (Transfer from DERF) | +6,000 |
| 18125 OSD—Horizontal Fusion Analysis (Transfer from DERF) | +2,000 |
| 18125 OSD—CENTRIX (Transfer from DERF) | +14,000 |
| 18125 OSD—Classified (Transfer from DERF) | +9,500 |
| 18125 OSD—Classified Programs (Change to DERF) | +52,600 |
| 18125 OSD—Program Growth | −15,000 |
| 18125 OSD—Management Headquarters | −11,100 |
| 18125 OSD—Information Technology Network Consolidation | −10,000 |
| 18125 OSD—Legacy System Under-execution | −1,000 |
| 18125 OSD—Legacy—CSS Alabama | +600 |
| 18125 OSD—Middle East Regional Security Issues Program | +1,500 |
| 18125 OSD—ADUSD (MPP&R) Wearable Computers—Existing Program | +4,000 |
| 18125 OSD—Commercial Technologies for Maintenance Activities (CTMA) | +7,000 |
| 18125 OSD—Nationwide Dedicated Fiber Optic Network Feasibility Study | +2,500 |
| 18150 SOCOM—Combat Development Activities (Transfer to DERF) | +7,000 |
| 18150 SOCOM—Combat Development Activities—Classified (Change to DERF) | +16,000 |
| 18200 TJS—Critical Infrastructure Protection (Transfer from DERF) | +300 |
| 18200 TJS—CINC for Homeland Security (Transfer from DERF) | +41,000 |
| 18200 TJS—Other Combating Terrorism Initiatives (Transfer from DERF) | +1,459 |
| 18200 TJS—Vulnerability Assessments, AT/FP requirements (Transfer from DERF) | +400 |
| 18200 TJS—Program Growth | −12,000 |
| 18200 TJS—Counter Terrorism Analysis Method for Adaptive Threats | +1,000 |
| 18200 TJS—NDU XXI | +4,000 |
| 18225 WHS—Classified Program (Transfer from DERF) | +28,000 |
| 18225 WHS—Information Technology Network Consolidation | −10,000 |
| Undistributed: | |
| 19010 Impact Aid | +35,000 |
| 19110 Travel Savings | −11,260 |
| 19210 FECA Reduction | −6,455 |
| 19220 Unobligated Balance | −25,000 |

ARMED FORCES INFORMATION SERVICE

The Committee directs the Armed Forces Information Service to provide to any Member of Congress or staff requesting access, the same remote access capability (from access points without ".gov" or

".mil" domains) currently available to DoD employees to the web-based Current News service.

GEORGE AFB

The Committee recommends an additional $2,500,000 in Operation and Maintenance, Defense-Wide only for the structural improvements of leasable buildings at the former George AFB.

NORTON AFB

The Committee recommends an additional $3,000,000 in Operation and Maintenance, Defense-Wide only for rehabilitation and structural repairs of leasable buildings at the former Norton AFB.

GAVRT PROJECT EXPANSION

The Committee recommends an additional $3,000,000 in Operation and Maintenance, Defense-Wide only for the rehabilitation of an additional GAVRT antenna.

LEWIS CENTER FOR EDUCATIONAL RESEARCH

The Committee has included an additional $4,050,000 in Operation and Maintenance, Defense-Wide for the Lewis Center for Educational Research for staffing, curriculum development, research, coordination and logistical support to enhance DoD teacher training.

CCAT

The Committee recommends an additional $4,000,000 in Operations and Maintenance, Defense-Wide only for technology and related economic/community adjustment activities to establish and implement the Connecticut Consortium for Aviation Technology.

CHARLES MELVIN PRICE SUPPORT CENTER

The Committee recommends an additional $2,000,000 in Operations and Maintenance, Defense-Wide only for rehabilitation and structural repairs and upgrades at the former Charles Melvin Price Support Center.

LEGACY

Within available funds, the Committee strongly encourages the Department to consider restoration of Lincoln Cottage on the grounds of the Armed Forces Retirement Home in Washington, DC.

DLAMP

The Committee continues to be concerned about the Defense Leadership and Management Program (DLAMP). During fiscal year 2002, the Department has attempted to restructure the DLAMP. However, the final outcome of the restructure is still very unclear and the full costs of the program are currently undefined. Additionally, the Committee is troubled that the DLAMP is paying for a 201 room hotel and conference complex in Southbridge, Massachusetts that it is not using. The Committee has adjusted funding for DLAMP accordingly.

### OFFICE OF THE SECRETARY OF DEFENSE

The Committee recommends a reduction in the number of personnel located within the Office of the Secretary of Defense (OSD). This reduction is based on the Secretary's own initiative to reduce the number of headquarters personnel. While the fiscal year 2003 budget for management headquarters reflects a Defense-wide civilian personnel reduction, the Office of the Secretary of Defense was not included in the reduction. Accordingly, the Committee has reduced funding for management headquarters civilians within the OSD.

### CHILD CARE AND FAMILY ASSISTANCE PROGRAMS

The Committee recommends an increase of $6,000,000 above the budget request for Child Care and the Employee Assistance Program (EAP). The Department is providing child care for Reservists called to duty, and offering extended operating hours at child development centers to support personnel working longer hours. In addition, the EAP program provides family support services to all Reserve component forces. The additional funds will help support the increased child care and family demands for those deployed in support of Operation Enduring Freedom.

### FAMILY ADVOCACY PROGRAMS

The Committee is aware of the recent Navy ruling against using Operation and Maintenance funds to augment support of the Family Advocacy Programs that are centrally funded with Operation and Maintenance, Defense-Wide appropriations. The Committee's intent in funding the core family programs centrally with OSD is to ensure consistent oversight and management of the family programs. The Committee believes that the Services should be allowed to supplement these programs with Operation and Maintenance funds in order to tailor their programs to meet their unique requirements.

## OPERATION AND MAINTENANCE, ARMY RESERVE

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,771,246,000 |
| Fiscal year 2003 budget request | 1,880,110,000 |
| Committee recommendation | 1,976,710,000 |
| Change from budget request | +96,600,000 |

The Committee recommends an appropriation of $1,976,710,000 for Operation and maintenance, Army Reserve. The recommendation is an increase of $205,464,000 above the $1,771,246,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 19500 | OPERATION AND MAINTENANCE, ARMY RESERVE | | | |
| 19510 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 19520 | LAND FORCES | | | |
| 19530 | DIVISION FORCES | 16,323 | 16,323 | --- |
| 19540 | CORPS COMBAT FORCES | 33,211 | 33,211 | --- |
| 19550 | CORPS SUPPORT FORCES | 281,583 | 281,583 | --- |
| 19560 | ECHELON ABOVE CORPS FORCES | 128,348 | 128,348 | --- |
| 19570 | LAND FORCES OPERATIONS SUPPORT | 461,173 | 461,173 | --- |
| 19630 | LAND FORCES READINESS | | | |
| 19640 | FORCES READINESS OPERATIONS SUPPORT | 115,962 | 119,962 | +4,000 |
| 19650 | LAND FORCES SYSTEM READINESS | 62,255 | 93,755 | +31,500 |
| 19660 | DEPOT MAINTENANCE | 48,451 | 48,451 | --- |
| 19670 | LAND FORCES READINESS SUPPORT | | | |
| 19680 | BASE SUPPORT | 361,907 | 412,607 | +50,700 |
| 19690 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 176,494 | 176,494 | --- |
| 19700 | ADDITIONAL ACTIVITIES | 2,712 | 2,712 | --- |
| 19900 | TOTAL, BUDGET ACTIVITY 1 | 1,688,419 | 1,774,619 | +86,200 |
| 19950 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 19960 | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 19980 | ADMINISTRATION | 48,752 | 48,752 | --- |
| 19990 | SERVICEWIDE COMMUNICATIONS | 34,842 | 37,242 | +2,400 |
| 20000 | PERSONNEL/FINANCIAL ADMIN (MANPOWER MGT) | 50,044 | 50,044 | --- |
| 20010 | RECRUITING AND ADVERTISING | 101,273 | 101,273 | --- |
| 20075 | TOTAL, BUDGET ACTIVITY 4 | 234,911 | 237,311 | +2,400 |
| 20150 | RETIREMENT ACCRUALS | -43,220 | -43,220 | --- |
| 20160 | ADDITIONAL MILITARY TECHNICIANS | --- | 8,000 | +8,000 |
| 20700 | TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE | 1,880,110 | 1,976,710 | +96,600 |

The adjustments to the budget activities for Operation and maintenance, Army Reserve are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 19640 Forces Readiness Operations Support/Controlled Humidity Preservation | 4,000 |
| 19650 Land Forces System Readiness/Homeland Security DERF Transfer—Enhanced Secure Communications | 5,900 |
| 19650 Land Forces System Readiness/Homeland Security DERF Transfer—Enhanced Secure Communications | 25,600 |
| 19680 Base Support/CT–FP DERF Transfer—Access Control Program | 33,800 |
| 19680 Base Support/Homeland Security DERF Transfer—Enhanced Secure Communications | 30,700 |
| 19680 Base Support/CT–FP DERF Transfer—Installation Security | 2,900 |
| 19680 Base Support/DERF Transfer to Other Procurement, Army | – 16,700 |
| Budget Activity 4: Administration and Servicewide Activities: | |
| 19990 Servicewide Communications/Homeland Security DERF Transfer—Enhanced Secure Communications | 2,400 |
| Other Adjustments: | |
| 20160 Additional Military Technicians | 8,000 |

## OPERATION AND MAINTENANCE, NAVY RESERVE

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,003,690,000 |
| Fiscal year 2003 budget request | 1,159,734,000 |
| Committee recommendation | 1,239,309,000 |
| Change from budget request | +79,575,000 |

The Committee recommends an appropriation of $1,239,309,000 for Operation and maintenance, Navy Reserve. The recommendation is an increase of $235,619,000 above the $1,003,690,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 20850 | OPERATION AND MAINTENANCE, NAVY RESERVE | | | |
| 20900 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 20950 | RESERVE AIR OPERATIONS | | | |
| 21000 | MISSION AND OTHER FLIGHT OPERATIONS | 398,320 | 398,320 | --- |
| 21100 | INTERMEDIATE MAINTENANCE | 18,003 | 18,003 | --- |
| 21150 | AIR OPERATION AND SAFETY SUPPORT | 2,268 | 2,268 | --- |
| 21200 | AIRCRAFT DEPOT MAINTENANCE | 129,532 | 134,532 | +5,000 |
| 21250 | AIRCRAFT DEPOT OPS SUPPORT | 366 | 366 | --- |
| 21400 | RESERVE SHIP OPERATIONS | | | |
| 21450 | MISSION AND OTHER SHIP OPERATIONS | 68,219 | 68,219 | --- |
| 21500 | SHIP OPERATIONAL SUPPORT AND TRAINING | 558 | 558 | --- |
| 21550 | INTERMEDIATE MAINTENANCE | 11,712 | 11,712 | --- |
| 21600 | SHIP DEPOT MAINTENANCE | 80,272 | 80,272 | --- |
| 21650 | SHIP DEPOT OPERATIONS SUPPORT | 3,535 | 3,535 | --- |
| 21700 | RESERVE COMBAT OPERATIONS SUPPORT | | | |
| 21800 | COMBAT SUPPORT FORCES | 69,864 | 69,864 | --- |
| 21950 | RESERVE WEAPONS SUPPORT | | | |
| 22000 | WEAPONS MAINTENANCE | 5,668 | 5,668 | --- |
| 22020 | BASE SUPPORT | | | |
| 22030 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 66,599 | 135,926 | +69,327 |
| 22040 | BASE SUPPORT | 146,119 | 146,367 | +248 |
| 22090 | TOTAL, BUDGET ACTIVITY 1 | 1,001,035 | 1,075,610 | +74,575 |
| 22100 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 22150 | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 22200 | ADMINISTRATION | 12,023 | 12,023 | --- |
| 22250 | CIVILIAN MANPOWER & PERSONNEL | 2,161 | 2,161 | --- |
| 22300 | MILITARY MANPOWER & PERSONNEL | 32,479 | 32,479 | --- |
| 22350 | SERVICEWIDE COMMUNICATIONS | 111,766 | 116,766 | +5,000 |
| 22400 | COMBAT/WEAPONS SYSTEM | 5,766 | 5,766 | --- |
| 22450 | OTHER SERVICEWIDE SUPPORT | 731 | 731 | --- |
| 22600 | TOTAL, BUDGET ACTIVITY 4 | 164,926 | 169,926 | +5,000 |
| 22670 | RETIREMENT ACCRUALS | -6,227 | -6,227 | --- |
| 23150 | TOTAL, OPERATION & MAIN, NAVY RESERVE | 1,159,734 | 1,239,309 | +79,575 |

The adjustments to the budget activities for Operation and maintenance, Navy Reserve are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 21200 Aircraft Depot Maintenance. | 5,000 |
| 22030 Facilities Sustainment, Restoration and Modernization/CT–FP DERF Transfer—Physical Security Site Improvement. | 68,777 |
| 22030 Facilities Sustainment, Restoration and Modernization/Grissom Navy Reserve Center Renovation | 550 |
| 22040 Base Support/CT–FP DERF Transfer—Management and Planning | 61 |
| 22040 Base Support/CT–FP DERF Transfer—Management and Planning | 187 |
| Budget Activity 4: Administration and Servicewide Activities: | |
| 22350 Servicewide Communications/DERF Transfer—Continuity of Operations | 5,000 |

GRISSOM ARB NAVY RESERVE CENTER

The Committee recommends an increase of $550,000 above the budget request in operation and maintenance Sustainment, Restoration and Modernization funds only for renovation of a Navy Reserve Center building at Grissom Air Reserve Base, Indiana, in order to meet security and operational requirements.

## OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

| | |
|---|---|
| Fiscal year 2002 appropriation | $144,023,000 |
| Fiscal year 2003 budget request | 185,532,000 |
| Committee recommendation | 189,532,000 |
| Change from budget request | +4,000,000 |

The Committee recommends an appropriation of $189,532,000 for Operation and maintenance, Marine Corps Reserve. The recommendation is an increase of $45,509,000 above the $144,023,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 23300 OPERATION AND MAINTENANCE, MC RESERVE | | | |
| 23350 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 23400 MISSION FORCES | | | |
| 23450 OPERATING FORCES | 80,723 | 80,723 | --- |
| 23500 DEPOT MAINTENANCE | 12,571 | 12,571 | --- |
| 23550 BASE SUPPORT | 29,473 | 29,473 | --- |
| 23600 TRAINING SUPPORT | 20,641 | 20,641 | --- |
| 23650 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 10,785 | 10,785 | --- |
| 23700 TOTAL, BUDGET ACTIVITY 1 | 154,193 | 154,193 | --- |
| 23750 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 23800 ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 23850 SPECIAL SUPPORT | 8,461 | 8,461 | --- |
| 23900 SERVICEWIDE TRANSPORTATION | 500 | 500 | --- |
| 23950 ADMINISTRATION | 9,977 | 9,977 | --- |
| 24000 BASE SUPPORT | 4,130 | 4,130 | --- |
| 24050 RECRUITING AND ADVERTISING | 8,271 | 8,271 | --- |
| 24100 TOTAL, BUDGET ACTIVITY 4 | 31,339 | 31,339 | --- |
| 24200 INITIAL ISSUE | --- | 4,000 | +4,000 |
| 24600 TOTAL, O&M, MARINE CORPS RESERVE | 185,532 | 189,532 | +4,000 |

The adjustment to the budget activities for Operation and maintenance, Marine Corps Reserve is shown below:

[In thousands of dollars]

| | |
|---|---|
| Other Adjustments: | |
| 24200 Initial Issue | 4,000 |

## OPERATION AND MAINTENANCE, AIR FORCE RESERVE

| | |
|---|---|
| Fiscal year 2002 appropriation | $2,024,866,000 |
| Fiscal year 2003 budget request | 2,135,452,000 |
| Committee recommendation | 2,165,604,000 |
| Change from budget request | +30,152,000 |

The Committee recommends an appropriation of $2,165,604,000 for Operation and maintenance, Air Force Reserve. The recommendation is an increase of $140,738,000 above the $2,024,866,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 24750 | OPERATION AND MAINTENANCE, AF RESERVE | | | |
| 24800 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 24850 | AIR OPERATIONS | | | |
| 24900 | PRIMARY COMBAT FORCES | 1,346,055 | 1,346,055 | --- |
| 24950 | MISSION SUPPORT OPERATIONS | 69,818 | 69,818 | --- |
| 24970 | DEPOT MAINTENANCE | 337,113 | 342,113 | +5,000 |
| 25000 | BASE SUPPORT | 282,280 | 297,230 | +14,950 |
| 25050 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 48,463 | 54,665 | +6,202 |
| 25150 | TOTAL, BUDGET ACTIVITY 1 | 2,083,729 | 2,109,881 | +26,152 |
| 25200 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 25250 | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 25300 | ADMINISTRATION | 57,136 | 61,136 | +4,000 |
| 25350 | MILITARY MANPOWER AND PERSONNEL MANAGEMENT | 24,088 | 24,088 | --- |
| 25400 | RECRUITING AND ADVERTISING | 18,683 | 18,683 | --- |
| 25450 | OTHER PERSONNEL SUPPORT | 6,593 | 6,593 | --- |
| 25500 | AUDIOVISUAL | 688 | 688 | --- |
| 25520 | TOTAL, BUDGET ACTIVITY 4 | 107,188 | 111,188 | +4,000 |
| 25630 | RETIREMENT ACCRUALS | -55,365 | -55,365 | --- |
| 25650 | UNDISTRIBUTED REDUCTION | -100 | -100 | --- |
| 25950 | TOTAL, O&M, AIR FORCE RESERVE | 2,135,452 | 2,165,604 | +30,152 |

The adjustments to the budget activities for Operation and maintenance, Air Force Reserve are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 24970 Depot Maintenance | 5,000 |
| 25000 Base Support/CT–FP DERF Transfer—WMD First Responders Program | 14,950 |
| 25050 Facilities Sustainment, Restoration and Modernization/CT–FP DERF Transfer—Facility Upgrades | 6,202 |
| Budget Activity 4: Administration and Servicewide Activities: | |
| 25300 Administration/Command Server Consolidation | 4,000 |

## OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

| | |
|---|---|
| Fiscal year 2002 appropriation | $3,768,058,000 |
| Fiscal year 2003 budget request | 4,049,567,000 |
| Committee recommendation | 4,231,967,000 |
| Change from budget request | +182,400,000 |

The Committee recommends an appropriation of $4,231,967,000 for Operation and maintenance, Army National Guard. The recommendation is an increase of $463,909,000 above the $3,768,058,000 appropriated for fiscal year 2002.

### PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 26100 | OPERATION & MAINTENANCE, ARMY NATL GUARD | | | |
| 26120 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 26140 | LAND FORCES | | | |
| 26180 | DIVISIONS | 592,730 | 592,730 | --- |
| 26200 | CORPS COMBAT FORCES | 652,895 | 652,895 | --- |
| 26220 | CORPS SUPPORT FORCES | 313,967 | 313,967 | --- |
| 26240 | ECHELON ABOVE CORPS FORCES | 516,742 | 516,742 | --- |
| 26260 | LAND FORCES OPERATIONS SUPPORT | 48,443 | 48,443 | --- |
| 26280 | LAND FORCES READINESS | | | |
| 26320 | FORCE READINESS OPERATIONS SUPPORT | 75,746 | 75,746 | --- |
| 26340 | LAND FORCES SYSTEMS READINESS | 107,925 | 107,925 | --- |
| 26350 | LAND FORCES DEPOT MAINTENANCE | 178,733 | 178,733 | --- |
| 26360 | AZUR BLUE CANNON BORE CLEANING SYSTEM | --- | 1,000 | +1,000 |
| 26370 | LAND FORCES READINESS SUPPORT | | | |
| 26420 | BASE OPERATIONS SUPPORT | 561,967 | 706,667 | +144,700 |
| 26440 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 363,571 | 363,571 | --- |
| 26460 | MANAGEMENT & OPERATIONAL HEADQUARTERS | 420,329 | 420,329 | --- |
| 26480 | MISCELLANEOUS ACTIVITIES | 46,673 | 46,673 | --- |
| 26580 | TOTAL, BUDGET ACTIVITY 1 | 3,879,721 | 4,025,421 | +145,700 |
| 26600 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 26620 | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 26660 | STAFF MANAGEMENT | 104,409 | 104,409 | --- |
| 26680 | INFORMATION MANAGEMENT | 15,565 | 16,565 | +1,000 |
| 26720 | PERSONNEL ADMINISTRATION | 52,259 | 52,259 | --- |
| 26740 | RECRUITING AND ADVERTISING | 84,868 | 84,868 | --- |
| 26760 | TOTAL, BUDGET ACTIVITY 4 | 257,101 | 258,101 | +1,000 |
| 26810 | RETIREMENT ACCRUALS | -87,255 | -87,255 | --- |
| 26820 | ANGEL GATE ACADEMY | --- | 2,000 | +2,000 |
| 26830 | NATIONAL EMERGENCY AND DISASTER INFORMATION CENTER | --- | 3,000 | +3,000 |
| 26890 | JOINT TRAINING AND EXPERIMENTATION PROGRAM | --- | 4,000 | +4,000 |
| 26940 | RURAL ACCESS TO BROADBAND TECHNOLOGY | --- | 2,500 | +2,500 |
| 26960 | ADDITIONAL MILITARY TECHNICIANS | --- | 11,300 | +11,300 |
| 26970 | NATIONAL GUARD GLOBAL EDUCATION PROJECT | --- | 500 | +500 |
| 26980 | ALL TERRAIN MILITARY UTILITY VEHICLE | --- | 3,100 | +3,100 |
| 26990 | NORTHEAST CTR FOR HOMELAND SECURITY FEASIBILITY STUDY | --- | 1,500 | +1,500 |
| 27000 | COURSEWARE TO EDUCATE IT MANAGERS | --- | 2,000 | +2,000 |
| 27010 | INFORMATION ASSURANCE | --- | 1,500 | +1,500 |
| 27030 | WMD RESPON ELEMENT ADV LAB INTEGRATD TRAINING & INDOCT | --- | 2,000 | +2,000 |
| 27050 | COLD WEATHER CLOTHING | --- | 300 | +300 |
| 27060 | LOUISIANA NG TERRORISM TRAINING | --- | 2,000 | +2,000 |
| 27350 | TOTAL, O & M, ARMY NATIONAL GUARD | 4,049,567 | 4,231,967 | +182,400 |

The adjustments to the budget activities for Operation and maintenance, Army National Guard are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 26360 Azure Blue Cannon Bore Cleaning System | 1,000 |
| 26420 Base Operations Support/CT–FP DERF Transfer—Physical Security Equipment | 350,000 |
| 26420 Base Operations Support/Homeland Security DERF Transfer—Long-Haul Communications | 86,200 |
| 26420 Base Operations Support/Homeland Security DERF Transfer—General Communications | 48,500 |
| 26420 Base Operations Support/DERF Transfer to Other Procurement, Army | −340,000 |
| Budget Activity 4: Administration and Servicewide Activities: | |
| 26680 Information Management/Interoperable Automation Continuity of Operations | 1,000 |
| Other Adjustments: | |
| 26820 Angel Gate Academy | 2,000 |
| 26830 National Emergency and Disaster Information Center | 3,000 |
| 26890 Joint Training and Experimentation Program | 4,000 |
| 26940 Rural Access to Broadband Technology | 2,500 |
| 26960 Additional Military Technicians | 11,300 |
| 26970 National Guard Global Education Project | 500 |
| 26980 All Terrain Military Utility Vehicle | 3,100 |
| 26990 Northeast Center for Homeland Security Feasibility Study | 1,500 |
| 27000 Courseware to Educate IT Managers | 2,000 |
| 27010 Information Assurance | 1,500 |
| 27030 WMD Response Element Advanced Laboratory Integrated Training and Indoctrination | 2,000 |
| 27050 Cold Weather Clothing | 300 |
| 27060 Louisiana NG Terrorism Training | 2,000 |

JOINT TRAINING AND EXPERIMENTATION PROJECT

The Committee recommends an increase of $4,000,000 above the budget request only to continue the California National Guard Joint Training and Experimentation Project.

MISSOURI ARMY NATIONAL GUARD

The Committee recommends an increase of $300,000 above the budget request only for cold weather clothing for the 135th Signal Battalion of the Army National Guard stationed in St. Joseph, Missouri.

MASSACHUSETTS MILITARY RESERVATION

The Committee recommends an increase of $1,500,000 above the budget request only for the development of a master plan and feasibility study for the Northeast Center for Homeland Security at the Massachusetts Military Reservation.

## OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

| | |
|---|---|
| Fiscal year 2002 appropriation | $3,988,961,000 |
| Fiscal year 2003 budget request | 4,062,445,000 |
| Committee recommendation | 4,113,010,000 |
| Change from budget request | +50,565,000 |

The Committee recommends an appropriation of $4,113,010,000 for Operation and maintenance, Air National Guard. The recommendation is an increase of $124,049,000 above the $3,988,961,000 appropriated for fiscal year 2002.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 27500 | OPERATION & MAINTENANCE, AIR NATIONAL GUARD | | | |
| 27550 | BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 27600 | AIR OPERATIONS | | | |
| 27650 | AIRCRAFT OPERATIONS | 2,637,374 | 2,637,374 | --- |
| 27700 | MISSION SUPPORT OPERATIONS | 341,385 | 341,385 | --- |
| 27750 | BASE SUPPORT | 407,751 | 407,751 | --- |
| 27800 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 164,228 | 204,243 | +40,015 |
| 27850 | DEPOT MAINTENANCE | 565,224 | 570,224 | +5,000 |
| 27900 | TOTAL, BUDGET ACTIVITY 1 | 4,115,962 | 4,160,977 | +45,015 |
| 27950 | BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 28000 | SERVICEWIDE ACTIVITIES | | | |
| 28050 | ADMINISTRATION | 24,871 | 24,871 | --- |
| 28100 | RECRUITING AND ADVERTISING | 10,128 | 10,128 | --- |
| 28110 | TOTAL, BUDGET ACTIVITY 4 | 34,999 | 34,999 | --- |
| 28160 | NATIONAL GUARD STATE PARTNERSHIP PROGRAM | --- | 1,000 | +1,000 |
| 28170 | PROJECT ALERT | --- | 2,750 | +2,750 |
| 28200 | RETIREMENT ACCRUALS | -88,416 | -88,416 | --- |
| 28230 | UNDISTRIBUTED REDUCTION | -100 | -100 | --- |
| 28250 | SURVEYING TRAINING SYSTEMS | --- | 1,000 | +1,000 |
| 28260 | INSTRUMENT LANDING SYSTEM AT RICKENBACKER | --- | 500 | +500 |
| 28270 | COLD WEATHER CLOTHING | --- | 300 | +300 |
| 28550 | TOTAL, O&M, AIR NATIONAL GUARD | 4,062,445 | 4,113,010 | +50,565 |

The adjustments to the budget activities for Operation and maintenance, Air National Guard are shown below:

[In thousands of dollars]

| | |
|---|---|
| Budget Activity 1: Operating Forces: | |
| 27800 Facilities, Sustainment, Restoration and Modernization/CT–FP DERF Transfer—Facility Upgrades | 38,015 |
| 27800 Facilities, Sustainment, Restoration and Modernization/Key Field Facility Renovation | 2,000 |
| 27850 Depot Maintenance | 5,000 |
| Other Adjustments: | |
| 28160 National Guard State Partnership Program | 1,000 |
| 28170 Project Alert | 2,750 |
| 28250 Surveying Training Systems | 1,000 |
| 28260 Instrument Landing System at Rickenbacker ANG Base | 500 |
| 28270 Cold Weather Clothing | 300 |

MISSOURI AIR NATIONAL GUARD

The Committee recommends an increase of $300,000 above the budget request only for cold weather clothing for the 139th Airlift Wing of the Air National Guard stationed in St. Joseph, Missouri.

KEY FIELD, MISSISSIPPI

The Committee recommends an increase of $2,000,000 above the budget request in operation and maintenance Sustainment, Restoration, and Modernization funds only for repair of the operations and training facility at Key Field in Meridian, Mississippi.

## OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $50,000,000 |
| Fiscal year 2003 budget request | 50,000,000 |
| Committee recommendation | ..... |
| Change from budget request | −50,000,000 |

The Committee has fully funded the Administrations request for support of ongoing DoD operations in Bosnia and Kosovo. These operations are no longer contingency events, and such continuing operations have been funded in the regular appropriations accounts lines as requested by the Administration. As these operations are now accounted for in the budget development process, contingency funds are not needed and the Committee has reallocated $50,000,000 from the Overseas Contingency Operations Fund to more urgent priorities.

## UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

| | |
|---|---|
| Fiscal year 2002 appropriation | $9,096,000 |
| Fiscal year 2003 budget request | 9,614,000 |
| Committee recommendation | 9,614,000 |
| Change from budget request | ..... |

The Committee recommends an appropriation of $9,614,000 for the United States Court of Appeals for the Armed Forces. The recommendation is an increase of $518,000 from the amount appropriated in fiscal year 2002.

## ENVIRONMENTAL RESTORATION, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $389,800,000 |
| Fiscal year 2003 budget request | 395,900,000 |
| Committee recommendation | 395,900,000 |
| Change from budget request | |

The Committee recommends an appropriation of $395,900,000 for Environmental Restoration, Army. The recommendation is an increase of $6,100,000 from the amount appropriated in fiscal year 2002.

## ENVIRONMENTAL RESTORATION, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $257,517,000 |
| Fiscal year 2003 budget request | 256,948,000 |
| Committee recommendation | 256,948,000 |
| Change from budget request | |

The Committee recommends an appropriation of $256,948,000 for Environmental Restoration, Navy. The recommendation is a decrease of $569,000 from the amount appropriated in fiscal year 2002.

## ENVIRONMENTAL RESTORATION, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $385,437,000 |
| Fiscal year 2003 budget request | 389,773,000 |
| Committee recommendation | 389,773,000 |
| Change from budget request | |

The Committee recommends an appropriation of $389,773,000 for Environmental Restoration, Air Force. The recommendation is an increase of $4,336,000 from the amount appropriated in fiscal year 2002.

## ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

| | |
|---|---|
| Fiscal year 2002 appropriation | $23,492,000 |
| Fiscal year 2003 budget request | 23,498,000 |
| Committee recommendation | 23,498,000 |
| Change from budget request | |

The Committee recommends an appropriation of $23,498,000 for Environmental Restoration, Defense-Wide. The recommendation is an increase of $6,000 from the amount appropriated in fiscal year 2002.

## ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

| | |
|---|---|
| Fiscal year 2002 appropriation | $222,255,000 |
| Fiscal year 2003 budget request | 212,102,000 |
| Committee recommendation | 212,102,000 |
| Change from budget request | |

The Committee recommends an appropriation of $212,102,000 for Environmental Restoration, Formerly Used Defense Sites. The recommendation is a decrease of $10,153,000 from the amount appropriated in fiscal year 2002.

MOUNT UMUNHUM

The Committee encourages the Department to consider Mount Umunhum in San Jose, California for funding under the Formally Used Defense Site (FUDS) program

## OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

| | |
|---|---|
| Fiscal year 2002 appropriation | $49,700,000 |
| Fiscal year 2003 budget request | 58,400,000 |
| Committee recommendation | 58,400,000 |
| Change from budget request | ..... |

The Committee recommends an appropriation of $58,400,000 for Overseas Humanitarian, Disaster, and Civic Aid. The recommendation is an increase of $8,700,000 from the amount appropriated in fiscal year 2002.

## FORMER SOVIET UNION THREAT REDUCTION

| | |
|---|---|
| Fiscal year 2002 appropriation | $403,000,000 |
| Fiscal year 2003 budget request | 416,700,000 |
| Committee recommendation | 416,700,000 |
| Change from budget request | ..... |

This appropriation funds the Former Soviet Union Threat Reduction activities of the Department of Defense.

The President's budget requested $416,700,000 for this activity in Title II. Funding for this appropriation has been transferred from Title IX of the Fiscal Year 2002 Defense Appropriations Act.

## SUPPORT FOR INTERNATIONAL SPORTING COMPETITIONS, DEFENSE

| | |
|---|---|
| Fiscal year 2002 appropriation | $15,800,000 |
| Fiscal year 2003 budget request | 19,000,000 |
| Committee recommendation | 19,000,000 |
| Change from budget request | ..... |

This appropriation funds the Support for International Sporting Competitions, Defense for logistical and security support for international sporting competitions (including pay and non-travel related allowances only for members of the Reserve Components of the Armed Forces called or ordered to active duty in connection with providing such support). These funds are to remain available until expended, in order to provide support for future events.

## DEFENSE EMERGENCY RESPONSE FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $3,395,600,000 |
| Fiscal year 2003 budget request | 19,460,616,000 |
| Committee recommendation | 0 |
| Change from budget request | – 19,460,616,000 |

For activities funded in the Department of Defense Appropriations Act, the Administration requested $19,460,616,000 in the Defense Emergency Response Fund to support efforts by the Department of Defense to respond to, or protect against, acts or threatened acts of terrorism against the United States. Of that amount, $10,000,000,000 would only be available if a subsequent official budget request, designating the amount of the request as essential to respond or protect against acts or threatened acts of terrorism,

is transmitted by the President to the Congress. As explained elsewhere in this report, the Administration has yet to submit any specific request or budget justification for these funds. Pending receipt of any such request or budget amendment, the Committee has deferred action on this $10,000,000,000 appropriation.

As regards the remaining $9,460,616,000 requested in the Defense Emergency Response Fund, budget justification materials identified the specific programs, as well as line items and appropriations accounts, to which the Department planned to transfer funds for obligation. Therefore, rather than provide funding for these items in the Defense Emergency Response Fund, appropriations for those items and amounts approved by the Committee are found in the appropriations accounts and line items identified by the Department.

# TITLE III

## PROCUREMENT

### ESTIMATES AND APPROPRIATIONS SUMMARY

The fiscal year 2003 Department of Defense procurement budget request totals $67,220,034,000. The accompanying bill recommends $70,285,272,000. The total amount recommended is an increase of $3,065,238,000 above the fiscal year 2003 budget estimate and is $9,420,324,000 above the total provided in fiscal year 2002. The table below summarizes the budget estimates and the Committee's 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 | | 2,061,027 | | 2,214,369 | | +153,342 |
| MISSILES | | 1,642,296 | | 1,112,772 | | -529,524 |
| WEAPONS, TRACKED COMBAT VEHICLES | | 2,248,558 | | 2,248,358 | | -200 |
| AMMUNITION | | 1,159,426 | | 1,207,560 | | +48,134 |
| OTHER | | 5,168,453 | | 6,017,380 | | +848,927 |
| TOTAL, ARMY | | 12,279,760 | | 12,800,439 | | +520,679 |
| NAVY | | | | | | |
| AIRCRAFT | | 8,203,955 | | 8,682,655 | | +478,700 |
| WEAPONS | | 1,832,617 | | 2,384,617 | | +552,000 |
| AMMUNITION | | 1,015,152 | | 1,167,130 | | +151,978 |
| SHIPS | | 8,191,194 | | 8,127,694 | | -63,500 |
| OTHER | | 4,347,024 | | 4,631,299 | | +284,275 |
| MARINE CORPS | | 1,288,383 | | 1,369,383 | | +81,000 |
| TOTAL, NAVY | | 24,878,325 | | 26,362,778 | | +1,484,453 |
| AIR FORCE | | | | | | |
| AIRCRAFT | | 12,067,405 | | 12,492,730 | | +425,325 |
| MISSILES | | 3,575,162 | | 3,185,439 | | -389,723 |
| AMMUNITION | | 1,133,864 | | 1,290,764 | | +156,900 |
| OTHER | | 10,523,946 | | 10,622,660 | | +98,714 |
| TOTAL, AIR FORCE | | 27,300,377 | | 27,591,593 | | +291,216 |
| DEFENSE-WIDE | | 2,688,515 | | 3,457,405 | | +768,890 |
| DEFENSE PRODUCTION ACT PURCHASES | | 73,057 | | 73,057 | | --- |
| TOTAL PROCUREMENT | | 67,220,034 | | 70,285,272 | | +3,065,238 |

SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or items in paragraphs using the phrase "only for" or "only to" in this report are congressional interest items for the purpose of the Base for Reprogramming (DD 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, or a revised amount if changed during conference or if otherwise specifically addressed in the conference report. These items remain special interest items whether or not they are repeated in a subsequent conference report.

CLASSIFIED ANNEX

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

ARMY LARGE SCALE CONTRACT REVIEW

Given some of the contractual problems that have occurred during large program contracts in previous years, the Committee believes that large scale contracts should be reviewed by competent outside counsel.

## AIRCRAFT PROCUREMENT, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,984,391,000 |
| Fiscal year 2003 budget request | 2,061,027,000 |
| Committee recommendation | 2,214,369,000 |
| Change from budget request | +153,342,000 |

This appropriation finances acquisition of tactical and utility airplanes and helicopters, including associated electronics, electric warfare of in-service aircraft, ground support equipment, components and parts such as spare engines, transmission gear boxes, and sensor equipment. It also funds related training devices such as combat flight simulators and production base support.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | UH-60 BLACKHAWK (MYP) | 153,361 | 242,561 | +89,200 |
| | UH-60L AR (Note: only to complete fielding of D Company and A Company, 158 Aviation Regiment) | | | +34,000 |
| | HH-60L MEDEVAC (Note: only for the 126th Medical Company (Air Ambulance)) | | | +40,200 |
| | UH-60L Blackhawk Flight Simulator | | | +15,000 |
| 4 | HELICOPTER NEW TRAINING | 0 | 9,600 | +9,600 |
| | TH-67 Creek | | | +9,600 |
| 5 | GUARDRAIL MODS (TIARA) | 9,229 | 14,229 | +5,000 |
| | Guardrail Mods (TIARA)--Transfer from DERF | | | +5,000 |
| 7 | AH-64 MODS | 93,622 | 96,902 | +3,280 |
| | Oil Debris Detection and Burn-off System | | | +2,000 |
| | Integrated Helmet and Display Sights for MO ARNG | | | +1,280 |
| 8 | CH-47 CARGO HELICOPTER MODS | 382,061 | 387,061 | +5,000 |
| | CH-47 Voice and Data Recorders | | | +5,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 9 | CH-47 CARGO HELICOPTER MODS (AP-CY) | 21,185 | 71,185 | +50,000 |
| | CH-47F Upgrade Program | | | +45,000 |
| | CH-47 crashworthy crew seats | | | +5,000 |
| 17 | UH-60 MODS | 41,863 | 45,363 | +3,500 |
| | Crashworthy Fuel Tanks--Active/ARNG | | | +3,500 |
| | Deicing System Upgrade | | | |
| 22 | GATM ROLLUP | 70,414 | 71,914 | +1,500 |
| | Longbow Photo Reconnaissance Intel Strike Module (PRISM) | | | +1,500 |
| 26 | AIRBORNE COMMAND & CONTROL | 27,738 | 10,000 | -17,738 |
| | Realignment to RDTE, Army | | | -17,738 |
| 27 | AVIONICS SUPPORT EQUIPMENT | 7,494 | 11,494 | +4,000 |
| | ANVIS Goggles | | | +4,000 |

UH–60L BLACKHAWK FLIGHT SIMULATOR

The budget request contains $153,361,000 for the procurement of 12 UH–60L Blackhawk utility helicopters for the Army National Guard (ARNG), but includes no funds for a UH–60L full motion simulator. The Blackhawk is the Army's primary utility helicopter for air assault, general support and aero medical evacuation missions. The Committee is aware that the national command authority's rapid reaction force 18th Airborne Corps has a requirement for one additional UH–60L Blackhawk full motion simulator and that this simulator is not planned to be budgeted for until fiscal year 2005. However, aviation units from this Corps are currently deployed in support of Operation Enduring Freedom and must maintain the highest levels of readiness and training as a rotational alert force. Accordingly, the Committee recommends an additional $15 million for one UH–60L Blackhawk full motion simulator for the 18th Airborne Corps.

CH–47F UPGRADE PROGRAM RESTRUCTURE

The bill provides an additional $45,000,000 to the budget request of $382,061,000 to support the restructuring of the CH–47F helicopter upgrade program. The CH–47F Chinook helicopter will be the main heavy lift helicopter of the Future Combat System and the Objective Force. Upgrading the CH–47 'D' model to an 'F' model will extend airframe life by at least 20 years, replace the analog cockpit with a digital cockpit, modernize communications and navigation equipment, reduce vibration, and reduce aircraft tear down and build-up for strategic airlift by 65 percent.

Given the critical importance of this helicopter to the Army, the Committee believes this program should receive top budgetary priority in which the entire fleet of 465 helicopters should be upgraded instead of only 72 percent of the Army fleet (337 helicopters) under the current plan. The Committee also believes the current procurement strategy should be restructured to obtain more cost-effective production rates for this aircraft, from the current planned rate of 36 helicopters per fiscal year to 48 per year, which the Committee believes could save over $1,000,000 per helicopter.

The current upgrade plan also presents many operational difficulties for the Army that should be avoided. For instance, under the current plan, the 128 CH–47 'D' models that would not be upgraded would be assigned to National Guard and Reserve units for call-up on an as needed basis. Pilots of 'D' models will not be qualified to fly 'F' models without additional, costly, and time-consuming training. By having both active and reserve pilots qualified on one model, mobilization of Guard and Reserve units will be seamless. One common aircraft will also greatly reduce the Army's logistics burden and save considerable sums for a common set of spare parts, and standardized system fixes that apply to the whole fleet. In addition, all CH–47F models will have a digital as opposed to analog cockpit, which will allow interoperability within and across the services and enable the use of tranformational technolgies.

The additional $45,000,000 is intended to faciliate the transition to the most economically efficient program of at least 48 helicopters

per year once full production is initiated. The bill provides that these funds may only be committed if the Secretary of the Army certifies to the congressional defense committees, not later than June 30, 2004, that the program has been restructured to upgrade all CH–47 aircraft in the Army fleet.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| ROTARY | | | | | | |
| UH-60 BLACKHAWK (MYP) | 12 | 153,361 | 16 | 242,561 | +4 | +89,200 |
| UH-60 BLACKHAWK (MYP) (AP-CY) | --- | 26,859 | --- | 26,859 | --- | --- |
| HELICOPTER NEW TRAINING | --- | --- | --- | 9,600 | --- | +9,600 |
| TOTAL, AIRCRAFT | | 180,220 | | 279,020 | | +98,800 |
| MODIFICATION OF AIRCRAFT | | | | | | |
| GUARDRAIL MODS (TIARA) | --- | 9,229 | --- | 14,229 | --- | +5,000 |
| ARL MODS (TIARA) | --- | 20,873 | --- | 20,873 | --- | --- |
| AH-64 MODS | --- | 93,622 | --- | 96,902 | --- | +3,280 |
| CH-47 CARGO HELICOPTER MODS | --- | 382,061 | --- | 387,061 | --- | +5,000 |
| CH-47 CARGO HELICOPTER MODS (AP-CY) | --- | 21,185 | --- | 71,185 | --- | +50,000 |
| UTILITY/CARGO AIRPLANE MODS | --- | 16,954 | --- | 16,954 | --- | --- |
| OH-58 MODS | --- | 460 | --- | 460 | --- | --- |
| AIRCRAFT LONG RANGE MODS | --- | 744 | --- | 744 | --- | --- |
| LONGBOW | --- | 865,781 | --- | 865,781 | --- | --- |
| LONGBOW (AP-CY) | --- | 29,713 | --- | 29,713 | --- | --- |
| UH-60 MODS | --- | 41,863 | --- | 45,363 | --- | +3,500 |
| KIOWA WARRIOR | --- | 42,406 | --- | 42,406 | --- | --- |
| AIRBORNE AVIONICS | --- | 97,003 | --- | 97,003 | --- | --- |
| GATM ROLLUP | --- | 70,414 | --- | 71,914 | --- | +1,500 |
| SPARE PARTS (AIR) | --- | 7,697 | --- | 7,697 | --- | --- |
| TOTAL, MODIFICATION OF AIRCRAFT | | 1,700,005 | | 1,768,285 | | +68,280 |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| OTHER SUPPORT | | | | | | |
| AIRBORNE COMMAND & CONTROL | --- | 27,738 | --- | 10,000 | --- | -17,738 |
| AVIONICS SUPPORT EQUIPMENT | --- | 7,494 | --- | 11,494 | --- | +4,000 |
| COMMON GROUND EQUIPMENT | --- | 18,091 | --- | 18,091 | --- | --- |
| AIRCREW INTEGRATED SYSTEMS | --- | 15,215 | --- | 15,215 | --- | --- |
| AIR TRAFFIC CONTROL | --- | 64,410 | --- | 64,410 | --- | --- |
| INDUSTRIAL FACILITIES | --- | 704 | --- | 704 | --- | --- |
| LAUNCHER, 2.75 ROCKET | --- | 2,677 | --- | 2,677 | --- | --- |
| AIRBORNE COMMUNICATIONS | --- | 44,473 | --- | 44,473 | --- | --- |
| TOTAL, SUPPORT EQUIPMENT AND FACILITIES | | 180,802 | | 167,064 | | -13,738 |
| TOTAL, AIRCRAFT PROCUREMENT, ARMY | | 2,061,027 | | 2,214,369 | | +153,342 |

## MISSILE PROCUREMENT, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,079,330,000 |
| Fiscal year 2003 budget request | 1,642,296,000 |
| Committee recommendation | 1,112,772,000 |
| Change from budget request | −529,524,000 |

This appropriation finances the acquisition of surface-to-air, surface-to-surface, and anti-tank/assault missile systems. Also included are major components, modifications, targets, test equipment and production base support.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | PATRIOT SYSTEM SUMMARY | 471,670 | 0 | -471,670 |
| | Transfer of PAC-3 Program to MDA | | | -471,670 |
| 5 | JAVELIN (AAWS-M) SYSTEM SUMMARY | 250,506 | 223,052 | -27,454 |
| | Quantity Reduction | | | -27,454 |
| 11 | MLRS LAUNCHER SYSTEMS | 141,131 | 137,131 | -4,000 |
| | Reduce Programmed Growth | | | -4,000 |
| 14 | ATACMS BLKII SYSTEM SUMMARY | 49,687 | 23,287 | -26,400 |
| | Engineering Services/Production Engineering Support | | | -26,400 |

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| PATRIOT SYSTEM SUMMARY | 72 | 471,670 | --- | --- | -72 | -471,670 |
| STINGER SYSTEM SUMMARY | 160 | 30,893 | 160 | 30,893 | --- | --- |
| AIR-TO-SURFACE MISSILE SYSTEM | | | | | | |
| HELLFIRE SYS SUMMARY | 1,797 | 184,396 | 1,797 | 184,396 | --- | --- |
| ANTI-TANK/ASSAULT MISSILE SYSTEM | | | | | | |
| JAVELIN (AAWS-M) SYSTEM SUMMARY | 1,725 | 250,506 | 1,478 | 223,052 | -247 | -27,454 |
| LINE OF SIGHT ANTI-TANK (LOSAT) SYSTEM SUM | 144 | 17,937 | 144 | 17,937 | --- | --- |
| GUIDED MLRS ROCKET (GMLRS) | 108 | 29,698 | 108 | 29,698 | --- | --- |
| MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) | 5,646 | 15,924 | 5,646 | 15,924 | --- | --- |
| MLRS LAUNCHER SYSTEMS | 35 | 141,131 | 35 | 137,131 | --- | -4,000 |
| HIMARS LAUNCHER | 34 | 128,402 | 34 | 128,402 | --- | --- |
| ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM | --- | 9,050 | --- | 9,050 | --- | --- |
| ATACMS BLKII SYSTEM SUMMARY | --- | 49,687 | --- | 23,287 | --- | -26,400 |
| TOTAL, OTHER MISSILES | | 1,329,294 | | 799,770 | | -529,524 |
| MODIFICATION OF MISSILES | | | | | | |
| MODIFICATIONS | | | | | | |
| PATRIOT MODS | --- | 151,307 | --- | 151,307 | --- | --- |
| STINGER MODS | --- | 1,492 | --- | 1,492 | --- | --- |
| ITAS/TOW MODS | --- | 59,962 | --- | 59,962 | --- | --- |
| MLRS MODS | --- | 31,734 | --- | 31,734 | --- | --- |
| TOTAL, MODIFICATION OF MISSILES | | 244,495 | | 244,495 | | --- |
| SPARES AND REPAIR PARTS | --- | 55,924 | --- | 55,924 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| AIR DEFENSE TARGETS | --- | 3,408 | --- | 3,408 | --- | --- |
| ITEMS LESS THAN $5 MILLION (MISSILES) | --- | 907 | --- | 907 | --- | --- |
| MISSILE DEMILITARIZATION | --- | 4,895 | --- | 4,895 | --- | --- |
| PRODUCTION BASE SUPPORT | --- | 3,373 | --- | 3,373 | --- | --- |
| TOTAL, SUPPORT EQUIPMENT AND FACILITIES | | 12,583 | | 12,583 | | --- |
| TOTAL, MISSILE PROCUREMENT, ARMY | | 1,642,296 | | 1,112,772 | | -529,524 |

## PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $2,193,746,000 |
| Fiscal year 2003 budget request | 2,248,558,000 |
| Committee recommendation | 2,248,358,000 |
| Change from budget request | −200,000 |

This appropriation finances the acquisition of tanks; personnel and cargo carriers; fighting vehicles; tracked recovery vehicles; self-propelled and towed howitzers; machine guns; mortars; modification of in-service equipment, initial spares; and production base support.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | BRADLEY BASE SUSTAINMENT | 397,053 | 457,053 | +60,000 |
| | Bradley "AO" to "A2ODS" | | | +60,000 |
| 8 | INTERIM ARMORED VEHICLE (IAV) FAMILY | 811,831 | 772,031 | -39,800 |
| | Transfer to Research & Development (MGS) | | | -39,800 |
| 10 | CARRIER, MOD | 60,305 | 50,305 | -10,000 |
| | Reduce Programmed Growth | | | -10,000 |
| 19 | M1 ABRAMS TANK (MOD) | 191,413 | 179,213 | -12,200 |
| | Reduce Programmed Growth | | | -12,200 |
| 26 | ARMOR MACHINE GUN, 7.62MM M240 SERIES | 21,334 | 17,134 | -4,200 |
| | Reduce Programmed Growth | | | -4,200 |
| | MACHINE GUN, 5.56MM SAW | 0 | 6,000 | +6,000 |
| | M249 Squad Automatic Weapon | | | +6,000 |

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 W&TCV, ARMY | | | | | | |
| TRACKED COMBAT VEHICLES | | | | | | |
| ABRAMS TRNG DEV MOD | --- | 5,504 | --- | 5,504 | --- | --- |
| BRADLEY BASE SUSTAINMENT | --- | 397,053 | --- | 457,053 | --- | +60,000 |
| BRADLEY FVS TRAINING DEVICES (MOD) | --- | 8,532 | --- | 8,532 | --- | --- |
| ABRAMS TANK TRAINING DEVICES | --- | 12,061 | --- | 12,061 | --- | --- |
| INTERIM ARMORED VEHICLE (IAV) FAMILY | 332 | 811,831 | 332 | 772,031 | --- | -39,800 |
| MODIFICATION OF TRACKED COMBAT VEHICLES | | | | | | |
| CARRIER, MOD | --- | 60,305 | --- | 50,305 | --- | -10,000 |
| FIST VEHICLE (MOD) | --- | 6,966 | --- | 6,966 | --- | --- |
| MOD OF IN-SVC EQUIP, FIST VEHICLE | --- | 692 | --- | 692 | --- | --- |
| BFVS SERIES (MOD) | --- | 35,033 | --- | 35,033 | --- | --- |
| HOWITZER, MED SP FT 155MM M109A6 (MOD) | --- | 17,361 | --- | 17,361 | --- | --- |
| FAASV PIP TO FLEET | --- | 2,944 | --- | 2,944 | --- | --- |
| IMPROVED RECOVERY VEHICLE (M88 MOD) | 16 | 50,311 | 16 | 50,311 | --- | --- |
| ARMORED VEH LAUNCH BRIDGE (AVLB) (MOD) | --- | 10,021 | --- | 10,021 | --- | --- |
| M1 ABRAMS TANK (MOD) | --- | 191,413 | --- | 179,213 | --- | -12,200 |
| SYSTEM ENHANCEMENT PGM: SEP M1A2 | 31 | 123,697 | 31 | 123,697 | --- | --- |
| ABRAMS UPGRADE PROGRAM | --- | 376,268 | --- | 376,268 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| ITEMS LESS THAN $5 MILLION (TCV-WTCV) | --- | 146 | --- | 146 | --- | --- |
| PRODUCTION BASE SUPPORT (TCV-WTCV) | --- | 9,900 | --- | 9,900 | --- | --- |
| TOTAL, TRACKED COMBAT VEHICLES | | 2,120,038 | | 2,118,038 | | -2,000 |
| WEAPONS AND OTHER COMBAT VEHICLES | | | | | | |
| ARMOR MACHINE GUN, 7.62MM M240 SERIES | 2,217 | 21,334 | 2,217 | 17,134 | --- | -4,200 |
| MACHINE GUN, 5.56MM (SAW) | --- | --- | --- | 6,000 | --- | +6,000 |
| GRENADE LAUNCHER, AUTO, 40MM, MK19-3 | 669 | 16,663 | 669 | 16,663 | --- | --- |
| 81MM MORTAR (ROLL) | 138 | 9,821 | 138 | 9,821 | --- | --- |
| M16 RIFLE | 5,631 | 3,104 | 5,631 | 3,104 | --- | --- |
| XM107, CAL .50, SNIPER RIFLE | 600 | 8,913 | 600 | 8,913 | --- | --- |
| 5.56 CARBINE M4 | 12,505 | 9,155 | 12,505 | 9,155 | --- | --- |
| MOD OF WEAPONS AND OTHER COMBAT VEH | | | | | | |
| MARK-19 MODIFICATIONS | --- | 2,743 | --- | 2,743 | --- | --- |
| M4 CARBINE MODS | --- | 9,267 | --- | 9,267 | --- | --- |
| SQUAD AUTOMATIC WEAPON (MOD) | --- | 4,119 | --- | 4,119 | --- | --- |
| M119 MODIFICATIONS | --- | 4,852 | --- | 4,852 | --- | --- |
| MODIFICATIONS LESS THAN $5 MILLION (WOCV-WTCV) | --- | 817 | --- | 817 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| ITEMS LESS THAN $5 MILLION (WOCV-WTCV) | --- | 1,265 | --- | 1,265 | --- | --- |
| PRODUCTION BASE SUPPORT (WOCV-WTCV) | --- | 5,832 | --- | 5,832 | --- | --- |
| INDUSTRIAL PREPAREDNESS | --- | 3,246 | --- | 3,246 | --- | --- |
| SMALL ARMS (SOLDIER ENH PROG) | --- | 1,954 | --- | 1,954 | --- | --- |
| TOTAL, WEAPONS AND OTHER COMBAT VEHICLES | | 103,085 | | 104,885 | | +1,800 |
| SPARES AND REPAIR PARTS (WTCV) | --- | 25,435 | --- | 25,435 | --- | --- |
| TOTAL, PROCUREMENT OF W&TCV, ARMY | | 2,248,558 | | 2,248,358 | | -200 |

## PROCUREMENT OF AMMUNITION, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,200,465,000 |
| Fiscal year 2003 budget request | 1,159,426,000 |
| Committee recommendation | 1,207,560,000 |
| Change from budget request | +48,134,000 |

This appropriation finances the acquisition of ammunition, modification of in-service stock, and related production base support including the maintenance, expansion, and modernization of industrial facilities and equipment.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1 CTG, 5.56MM, ALL TYPES | 89,870 | 103,175 | +13,305 |
| CTG, 5.56mm, All Types--Transfer from DERF | | | +9,305 |
| Lake City Production Line Upgrades | | | +4,000 |
| 2 CTG, 7.62MM, ALL TYPES | 15,975 | 18,174 | +2,199 |
| CTG, 7.62mm, All Types--Transfer from DERF | | | +2,199 |
| 3 CTG, 9MM, ALL TYPES | 13,508 | 17,508 | +4,000 |
| 9mm Ammunition | | | +4,000 |
| 4 CTG, .50 CAL, ALL TYPES | 50,575 | 58,696 | +8,121 |
| CTG, .50 Cal, All Types--Transfer from DERF | | | +4,021 |
| .50 Caliber SLAP | | | +4,100 |
| 6 CTG, 25MM, ALL TYPES | 33,087 | 72,087 | +39,000 |
| Bradley Tracer Ammunition | | | +15,000 |
| M919 | | | +24,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 8 | CTG, 40MM, ALL TYPES | 71,703 | 61,672 | -10,031 |
| | CTG, 40mm, All Types (Training)--Transfer from DERF | | | +5,369 |
| | Reduce Programmed Growth | | | -15,400 |
| 10 | 81MM MORTAR, ALL TYPES | 3,582 | 5,982 | +2,400 |
| | 81MM M821A1 High Explosive Mortar Shells | | | +2,400 |
| 12 | CTG TANK 105MM: ALL TYPES | 14,100 | 8,100 | -6,000 |
| | Reduce Programmed Growth | | | -6,000 |
| 20 | CTG ARTY 105MM HE M1 W/O FUZE | 25,200 | 26,837 | +1,637 |
| | CTG Arty 105mm HE M1 w/o Fuze (Training)--Transfer from DERF | | | +1,637 |
| 21 | PROJECTILE 155 MILLIMETER DP BASEBLED M864 P7 | 22,300 | 11,300 | -11,000 |
| | Reduce Programmed Growth--DPICM | | | -11,000 |
| 24 | PROJ ARTY 155MM HE M107 | 30,200 | 32,700 | +2,500 |
| | 155mm M485 Illuminating Rounds-Projectile | | | +2,500 |
| 29 | WIDE AREA MUNITIONS | 12,466 | 0 | -12,466 |
| | Program Termination | | | -12,466 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 30 BUNKER DEFEATING MUNITION (BDM) | 7,795 | 12,795 | +5,000 |
| SMAW-D (Bunker Defeat Munition) | | | +5,000 |
| 32 DEMOLITION MUNITIONS, ALL TYPES | 28,001 | 33,001 | +5,000 |
| Linear Charges HE M58A4 | | | +5,000 |
| 33 GRENADES, ALL TYPES | 37,552 | 40,773 | +3,221 |
| Grenades, All Types (Training)--Transfer from DERF | | | +3,221 |
| 34 SIGNALS, ALL TYPES | 11,935 | 12,881 | +946 |
| Signals, All Types (Training)--Transfer from DERF | | | +946 |
| 39 ITEMS LESS THAN $5 MILLION | 8,739 | 9,041 | +302 |
| Items Less than $5 million (Training)--Transfer from DERF | | | +302 |

PROGRAM EXECUTIVE OFFICER FOR AMMUNITION

The Committee commends the Army for establishing a Program Executive Officer (PEO) for Ammunition as part of its larger effort to streamline its acquisition organization and processes. Ammunition represents perhaps the most critical component of an effective Army, providing needed lethality for our soldiers in the field. However, for decades the Army's ammunition management system was fragmented and inefficient. Repeated studies, as well as this Committee, have recognized the need to substantively reform the ammunition management process; to manage it as a major acquisition system with a single manager responsible for all programmatic and fiscal control. The Committee strongly encourages the Army to continue moving forward with the expeditious implementation of a PEO for Ammunition.

CANCELLATION OF WIDE AREA MUNITION (WAM) PROGRAM

The Committee recommends no additional funds to continue development or procurement of the Wide Area Munition and directs that this program be cancelled. The WAM and Advanced WAM, a smart, autonomous top attack anti-tank/anti-vehicle munition, was developed as a Cold War weapon to counter massed Soviet armor. It is theoretically supposed to use acoustic and seismic sensors in its ground platform to detect vehicles, classify potential targets, and then automatically launch an infrared detecting submunition or "sublet" over the top of the selected target. Even though this munition has been in development since 1986 and over $330,000,000 has been expended for its development, the Army has yet to demonstrate the ability to satisfy even minimally acceptable operational performance requirements.

According to the Department of Defense Inspector General, the key WAM performance parameters for range, engagement of heavy wheeled targets, and success rate in conditions of rain and snow have yet to be demonstrated. Key performance characteristics that have not been met include: tactical engagement of any of the designated targets at maximum range, engagement of multiple targets in any environment or a single target on other than level ground, and engagement of non-tank targets (e.g., wheeled vehicles) in any environment at any range. The self-destruct function, a key safety and operational feature, has yet to be demonstrated. Additionally, operational tests have been conducted with non-production representative munitions and inert warheads in contravention of Army test policy.

The Army has also been unable to come close to achieving WAM cost targets of $11,110 per unit. Under a low rate production contract, the Army procured over 100 WAM systems at a cost of over $200,000 apiece under a conditional material release for the 82nd Airborne Division. Even if the Army achieves its inventory objective of more than 33,000 munitions, it would miss the unit cost objective by a factor of five. With a dwindling target set, less than successful acquisition milestone achievements and high unit cost, the Committee believes the remaining $230,000,000 programmed for WAM acquisition in the future years should be applied to up-

grading the remaining 28 percent of the CH–47 helicopter fleet that is not currently in the Army upgrade plan.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| CTG, 5.56MM, ALL TYPES | --- | 89,870 | --- | 103,175 | --- | +13,305 |
| CTG, 7.62MM, ALL TYPES | --- | 15,975 | --- | 18,174 | --- | +2,199 |
| CTG, 9MM, ALL TYPES | --- | 13,508 | --- | 17,508 | --- | +4,000 |
| CTG, .50 CAL, ALL TYPES | --- | 50,575 | --- | 58,696 | --- | +8,121 |
| CTG, 25MM, ALL TYPES | --- | 33,087 | --- | 72,087 | --- | +39,000 |
| CTG, 30MM, ALL TYPES | --- | 9,795 | --- | 9,795 | --- | --- |
| CTG, 40MM, ALL TYPES | --- | 71,703 | --- | 61,672 | --- | -10,031 |
| MORTAR AMMUNITION | | | | | | |
| 60MM MORTAR, ALL TYPES | --- | 31,696 | --- | 31,696 | --- | --- |
| 81MM MORTAR, ALL TYPES | --- | 3,582 | --- | 5,982 | --- | +2,400 |
| CTG, MORTAR, 120MM, ALL TYPES | --- | 50,425 | --- | 50,425 | --- | --- |
| TANK AMMUNITION | | | | | | |
| CTG TANK 105MM: ALL TYPES | --- | 14,100 | --- | 8,100 | --- | -6,000 |
| 120MM TANK TRAINING, ALL TYPES | --- | 154,963 | --- | 154,963 | --- | --- |
| CTG, TANK, 120MM TACTICAL, ALL TYPES | --- | 43,254 | --- | 43,254 | --- | --- |
| ARTILLERY AMMUNITION | | | | | | |
| CTG ARTY 75MM BLANK M337A1 | 101 | 4,201 | 101 | 4,201 | --- | --- |
| CTG ARTY 105MM ILLUM M314 SERIES | 6 | 5,208 | 6 | 5,208 | --- | --- |
| CTG ARTY 105MM HE M1 W/O FUZE | --- | 25,200 | --- | 26,837 | --- | +1,637 |
| PROJECTILE 155 MILLIMETER DP BASEBLED M864 P7 | --- | 22,300 | --- | 11,300 | --- | -11,000 |
| PROJ ARTY 155MM HE M107 | 155 | 30,200 | 155 | 32,700 | --- | +2,500 |
| MODULAR ARTILLERY CHARGE SYSTEM (MACS), ALL T | --- | 122,411 | --- | 122,411 | --- | --- |
| ARTILLERY FUZES | | | | | | |
| ARTILLERY FUZES, ALL TYPES | --- | 69,180 | --- | 69,180 | --- | --- |
| MINES | | | | | | |
| MINE, TRAINING, ALL TYPES | --- | 12,661 | --- | 12,661 | --- | --- |
| WIDE AREA MUNITIONS | --- | 12,466 | --- | --- | --- | -12,466 |
| ROCKETS | | | | | | |
| BUNKER DEFEATING MUNITION (BDM) | --- | 7,795 | --- | 12,795 | --- | +5,000 |
| ROCKET, HYDRA 70, ALL TYPES | --- | 22,400 | --- | 22,400 | --- | --- |
| OTHER AMMUNITION | | | | | | |
| DEMOLITION MUNITIONS, ALL TYPES | --- | 28,001 | --- | 33,001 | --- | +5,000 |
| GRENADES, ALL TYPES | --- | 37,552 | --- | 40,773 | --- | +3,221 |
| SIGNALS, ALL TYPES | --- | 11,935 | --- | 12,881 | --- | +946 |
| SIMULATORS, ALL TYPES | --- | 3,942 | --- | 3,942 | --- | --- |
| MISCELLANEOUS | | | | | | |
| AMMO COMPONENTS, ALL TYPES | --- | 7,953 | --- | 7,953 | --- | --- |
| NON-LETHAL AMMUNITION, ALL TYPES | --- | 5,890 | --- | 5,890 | --- | --- |
| CAD/PAD ALL TYPES | --- | 4,800 | --- | 4,800 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 8,739 | --- | 9,041 | --- | +302 |
| AMMUNITION PECULIAR EQUIPMENT | --- | 4,792 | --- | 4,792 | --- | --- |
| FIRST DESTINATION TRANSPORTATION (AMMO) | --- | 5,836 | --- | 5,836 | --- | --- |
| CLOSEOUT LIABILITIES | --- | 10,017 | --- | 10,017 | --- | --- |
| TOTAL, AMMUNITION | | 1,046,012 | | 1,094,146 | | +48,134 |
| AMMUNITION PRODUCTION BASE SUPPORT | | | | | | |
| PRODUCTION BASE SUPPORT | | | | | | |
| PROVISION OF INDUSTRIAL FACILITIES | --- | 42,655 | --- | 42,655 | --- | --- |
| LAYAWAY OF INDUSTRIAL FACILITIES | --- | 6,990 | --- | 6,990 | --- | --- |
| MAINTENANCE OF INACTIVE FACILITIES | --- | 9,082 | --- | 9,082 | --- | --- |
| CONVENTIONAL AMMO DEMILITARIZATION | --- | 50,030 | --- | 50,030 | --- | --- |
| ARMS INITIATIVE | --- | 4,657 | --- | 4,657 | --- | --- |
| TOTAL, AMMUNITION PRODUCTION BASE SUPPORT | | 113,414 | | 113,414 | | --- |
| TOTAL, PROCUREMENT OF AMMUNITION, ARMY | | 1,159,426 | | 1,207,560 | | +48,134 |

## OTHER PROCUREMENT, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $4,183,736,000 |
| Fiscal year 2003 budget request | 5,168,453,000 |
| Committee recommendation | 6,017,380,000 |
| Change from budget request | +848,927,000 |

This appropriation finances the acquisition of: (a) tactical and commercial vehicles, including trucks, semi-trailers, and trailers of all types to provide mobility and utility support to field forces and the worldwide logistical systems; (b) communications and electronics equipment of all types to provide fixed, semi-fixed, and mobile strategic and tactical communication equipment; (c) other support equipment, generators and power units, material handling equipment, medical support equipment, special equipment for user testing, and non-system training devices. In each of these activities, funds are also included for the modification of in-service equipment, investment spares and repair parts, and production base support.

### COMMITTEE RECOMMENDATIONS

#### EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of Dollars]

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | TACTICAL TRAILERS/DOLLY SETS | 8,690 | 12,190 | +3,500 |
| | M871A3 22.5 Ton Drop Deck Platform Trailer Army Reserve | | | +3,500 |
| 5 | HI MOB MULTI-PURP WHLD VEH (HMMWV) | 196,783 | 204,783 | +8,000 |
| | M1114 Up-Armored HMMWV for ARNG | | | +6,000 |
| | M1114 Up-Armored HMMWV for AR | | | +2,000 |
| 8 | FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT | 21,047 | 21,297 | +250 |
| | Portable Firefighting Equipment/Army Watercraft (Note: only to enhance Army watercraft firefighting capabilities) | | | +250 |
| 9 | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) | 242,768 | 252,768 | +10,000 |
| | Movement Tracking System (MTS) FHTV for Army Reserve | | | +10,000 |
| 18 | HEAVY ARMORED SEDAN | 581 | 11,281 | +10,700 |
| | Heavy Armored Sedan--Transfer from DERF | | | +10,700 |
| 24 | SHF TERM | 33,166 | 24,866 | -8,300 |
| | STAR-T | | | -8,300 |
| 25 | SAT TERM, EMUT (SPACE) | 2,641 | 9,641 | +7,000 |
| | AN/PCS-5 Spitfire Radio | | | +7,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 33 SINCGARS FAMILY | 30,141 | 69,241 | +39,100 |
| SINCGARS Family--Transfer from DERF | | | +22,100 |
| AN/GRM-122 SINCGARS Radio Test Kits | | | +2,000 |
| SINCGARS Radios | | | +15,000 |
| 35 JOINT TACTICAL AREA COMMAND SYSTEMS | 869 | 3,869 | +3,000 |
| Electronics Sustainment Center--Upgrades of AYD-1 Communications | | | +3,000 |
| 36 ACUS MOD PROGRAM | 75,905 | 82,905 | +7,000 |
| AN/UXC-10 Digital Facsimile (TS-21 Blackjack) | | | +7,000 |
| 37 COMMS-ELEC EQUIP FIELDING | 12,924 | 17,924 | +5,000 |
| Improved High Frequency Radio | | | +5,000 |
| 38 SOLDIER ENHANCEMENT PROGRAM COMM/ELECTRONICS | 6,114 | 14,114 | +8,000 |
| DISM, Army Digitization (Integration of DISM with SINCGARS Radio nets) | | | +8,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 43 | INFORMATION SYSTEM SECURITY PROGRAM-ISSP | 39,055 | 67,755 | +28,700 |
| | Information System Security Programs (ISSP)--Transfer from DERF | | | +26,700 |
| | Secure Terminal Equipment (STE) | | | +2,000 |
| 45 | BASE SUPPORT COMMUNICATIONS | 36,725 | 40,725 | +4,000 |
| | Upgrades of the Telecommunications Infrastructure-Ft. Monmouth | | | +4,000 |
| 49 | INFORMATION SYSTEMS | 279,592 | 459,592 | +180,000 |
| | Information Systems--Transfer from DERF | | | +215,000 |
| | Army Information Systems | | | -41,000 |
| | C4 Requirements for PACOM | | | +6,000 |
| 55 | ALL SOURCE ANALYSIS SYS (ASAS) (TIARA) | 57,886 | 62,886 | +5,000 |
| | Procure and upgrade ASAS Communications Control Sets | | | +5,000 |
| 57 | PROPHET GROUND (TIARA) | 20,226 | 35,226 | +15,000 |
| | Prophet Ground (TIARA)--Transfer from DERF | | | +15,000 |
| 58 | TUAV | 84,290 | 95,290 | +11,000 |
| | TUAV--Transfer from DERF | | | +11,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 64 DISTRIBUTED COMMON GRND SYSTEM (DCGS) (JMIP) | 2,617 | 11,617 | +9,000 |
| Continuity of Operations--Data storage at selected sites--Transfer from DERF | | | +9,000 |
| 68 ITEMS LESS THAN $5 MILLION (TIARA) | 3,675 | 8,175 | +4,500 |
| Items Less than $5 million (TIARA)--Transfer from DERF | | | +4,500 |
| 69 SHORTSTOP | 0 | 6,000 | +6,000 |
| Shortstop Electronic Protection System | | | +6,000 |
| 70 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES | 2,310 | 4,310 | +2,000 |
| National Guard Vehicle Tracking System | | | +2,000 |
| 83 FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) | 65,294 | 72,294 | +7,000 |
| Blue Force Tracking | | | +7,000 |
| 84 LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD | 8,962 | 10,962 | +2,000 |
| Lightweight Laser Designator/Rangefinder (LLDR) | | | +2,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 89 | ADV FA TAC DATA SYS / EFF CTRL SYS (AFATDS/EC | 74,723 | 79,723 | +5,000 |
| | Advanced Field Artillery Tactical Data System/EFF Control System | | | +5,000 |
| 105 | STAMIS TACTICAL COMPUTERS (STACOMP) | 61,304 | 51,304 | -10,000 |
| | GCSS | | | -10,000 |
| 108 | AUTOMATED DATA PROCESSING EQUIP | 156,546 | 176,046 | +19,500 |
| | Automatic Identification Technology (AIT)--Ammunition and prepositioned stocks | | | +3,500 |
| | Army Knowledge Online | | | +5,000 |
| | National Guard Courseware Development | | | +3,000 |
| | Virtual Mission Preparation Project | | | +3,500 |
| | Automated Maintenance Records Technology | | | +4,500 |
| 119 | GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS | 17,425 | 19,425 | +2,000 |
| | Handheld Standoff Mine Detection System (HSTAMIDS) (Note: only for accelerated production of the Handheld Mine Detection System (HSTAMIDS)) | | | +2,000 |
| 120 | WIDE AREA MUNITIONS (REMOTE CONTROL UNIT) | 3,223 | 0 | -3,223 |
| | Program Termination | | | -3,223 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 131 FIELD FEEDING EQUIPMENT | 21,177 | 23,777 | +2,600 |
| Sanitation Center, Field Feeding System for Army Reserve | | | +2,600 |
| 135 ITEMS LESS THAN $5 MILLION (CSS EQ) | 0 | 4,000 | +4,000 |
| Ultra-high Intensity Miniature Illumination Systems for the XVIII Airborne Corps | | | +4,000 |
| 141 COMBAT SUPPORT MEDICAL | 21,003 | 28,003 | +7,000 |
| Portable Low-Power Blood Cooling and Storage Devices | | | +1,500 |
| Rapid Intravenous (IV) Infusion Pump | | | +2,500 |
| Life Support for Trauma Transport (LSTAT) | | | +3,000 |
| 144 ITEMS LESS THAN $5 MILLION (MAINT EQ) | 1,075 | 6,075 | +5,000 |
| Aviation Classification Repair Depot Activity (AVCRAD) ARNG (Note: only for paint stripping equipment and storage systems) | | | +5,000 |
| 145 GRADER, ROAD MTZD, HVY, 6X4 (CCE) | 3,854 | 8,854 | +5,000 |
| Construction Equipment Service Life Extension Program (SLEP) | | | +5,000 |
| 146 SCRAPERS, EARTHMOVING | 7,989 | 11,989 | +4,000 |
| Scrapers AR | | | +4,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 147 DISTR, WATER, SP MIN 2500G SEC/NON-SEC | 0 | 4,000 | +4,000 |
| Water Distributor System | | | +4,000 |
| 163 LOGISTIC SUPPORT VESSEL (LSV) | 0 | 3,000 | +3,000 |
| Small Tug | | | +3,000 |
| 169 ALL TERRAIN LIFTING ARMY SYSTEM | 21,963 | 26,963 | +5,000 |
| All Terrain Lifting Army System (ATLAS) (Note: only for Army Reserve) | | | +5,000 |
| 174 TRAINING DEVICES, NONSYSTEM | 111,682 | 134,682 | +23,000 |
| EST 2000 (Engagement Skills Trainer) ARNG | | | +5,000 |
| EST 2000 (Engagement Skills Trainer) AR | | | +5,000 |
| Guard Unit Armory Device Full-Crew Interactive Simulation Trainer (GUARDFIST II) RL | | | +3,000 |
| Laser Marksmanship Training System for ARNG | | | +5,000 |
| Laser Marksmanship Training System for AR | | | +5,000 |
| 181 ARMY DIAGNOSTICS IMPROVEMENT PGM (ADIP) | 7,982 | 17,982 | +10,000 |
| Integrated Family of Test Equipment | | | +10,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 183 | PHYSICAL SECURITY SYSTEMS (OPA3) | 227,402 | 571,902 | +344,500 |
| | Physical Security Equipment--Transfer from DERF | | | +4,500 |
| | Physical Security Equipment--Realignment | | | +340,000 |
| 184 | BASE LEVEL COM'L EQUIPMENT | 12,297 | 14,297 | +2,000 |
| | Two-Sided Expandable International Standards Opganization (ISO) shelters | | | +2,000 |
| 187 | SPECIAL EQUIPMENT FOR USER TESTING | 14,311 | 24,311 | +10,000 |
| | Artillery Hunting Radar (ARTHUR) (Note: only to procure one ARTHUR system and spares.) | | | +10,000 |
| 188 | MA8975 | 4,256 | 43,356 | +39,100 |
| | MA8975--Transfer from DERF | | | +39,100 |

### UP-ARMORED HMMWVs

The Committee notes that the M1114 Up-armored High Mobility Multipurpose Wheeled Vehicle (HMMWV) is a key program for U.S. armed forces. This vehicle has repeatedly demonstrated its ability to protect U.S. personnel in hostile environments such as Haiti, Somalia, Bosnia, Kosovo, and Afghanistan. Accordingly, the Committee recommends that the Army request funds for fiscal year 2004, and subsequent years, to support an annual fielding rate of 720 vehicles per year with the objective of complete fielding to Army forces by fiscal year 2008.

### PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| TACTICAL TRAILERS/DOLLY SETS | --- | 8,690 | --- | 12,190 | --- | +3,500 |
| SEMITRAILERS, FLATBED | --- | 39,095 | --- | 39,095 | --- | --- |
| SEMITRAILERS, TANKERS | --- | 7,862 | --- | 7,862 | --- | --- |
| HI MOB MULTI-PURP WHLD VEH (HMMWV) | --- | 196,783 | --- | 204,783 | --- | +8,000 |
| TRUCK, DUMP, 20T (CCE) | 70 | 17,079 | 70 | 17,079 | --- | --- |
| FAMILY OF MEDIUM TACTICAL VEH (FMTV) | --- | 681,373 | --- | 681,373 | --- | --- |
| FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN | --- | 21,047 | --- | 21,297 | --- | +250 |
| FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) | --- | 242,768 | --- | 252,768 | --- | +10,000 |
| ARMORED SECURITY VEHICLES (ASV) | 20 | 14,438 | 20 | 14,438 | --- | --- |
| TRUCK, TRACTOR, LINE HAUL, M915/M916 | --- | 50,829 | --- | 50,829 | --- | --- |
| TOWING DEVICE, 5TH WHEEL | 40 | 2,005 | 40 | 2,005 | --- | --- |
| TRUCK, TRACTOR, YARD TYPE, M878 (C/S) | 50 | 4,884 | 50 | 4,884 | --- | --- |
| HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV P | 652 | 119,854 | 652 | 119,854 | --- | --- |
| MODIFICATION OF IN SVC EQUIP | --- | 73,320 | --- | 73,320 | --- | --- |
| ITEMS LESS THAN $5 MILLION (TAC VEH) | --- | 4,979 | --- | 4,979 | --- | --- |
| NON-TACTICAL VEHICLES | | | | | | |
| HEAVY ARMORED SEDAN | 6 | 581 | 6 | 11,281 | --- | +10,700 |
| PASSENGER CARRYING VEHICLES | --- | 295 | --- | 295 | --- | --- |
| NONTACTICAL VEHICLES, OTHER | 27 | 1,753 | 27 | 1,753 | --- | --- |
| TOTAL, TACTICAL AND SUPPORT VEHICLES | | 1,487,635 | | 1,520,085 | | +32,450 |
| COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| COMM - JOINT COMMUNICATIONS | | | | | | |
| JCSE EQUIPMENT (USREDCOM) | --- | 6,120 | --- | 6,120 | --- | --- |
| COMM - SATELLITE COMMUNICATIONS | | | | | | |
| DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPAC | --- | 89,806 | --- | 89,806 | --- | --- |
| SHF TERM | --- | 33,166 | --- | 24,866 | --- | -8,300 |
| SAT TERM, EMUT (SPACE) | --- | 2,641 | --- | 9,641 | --- | +7,000 |
| NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) | --- | 27,510 | --- | 27,510 | --- | --- |
| SMART-T (SPACE) | --- | 24,467 | --- | 24,467 | --- | --- |
| SCAMP (SPACE) | --- | 1,559 | --- | 1,559 | --- | --- |
| GLOBAL BRDCST SVC - GBS | --- | 11,402 | --- | 11,402 | --- | --- |
| MOD OF IN-SVC EQUIP (TAC SAT) | --- | 11,002 | --- | 11,002 | --- | --- |
| COMM - C3 SYSTEM | | | | | | |
| ARMY GLOBAL CMD & CONTROL SYS (AGCCS) | --- | 21,149 | --- | 21,149 | --- | --- |
| COMM - COMBAT COMMUNICATIONS | | | | | | |
| ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) | --- | 74,835 | --- | 74,835 | --- | --- |
| SINCGARS FAMILY | --- | 30,141 | --- | 69,241 | --- | +39,100 |
| TRACTOR CAGE | --- | 4,112 | --- | 4,112 | --- | --- |
| JOINT TACTICAL AREA COMMAND SYSTEMS | --- | 869 | --- | 3,869 | --- | +3,000 |
| ACUS MOD PROGRAM | --- | 75,905 | --- | 82,905 | --- | +7,000 |
| COMMS-ELEC EQUIP FIELDING | --- | 12,924 | --- | 17,924 | --- | +5,000 |
| SOLDIER ENHANCEMENT PROGRAM COMM/ELECTRONICS | --- | 6,114 | --- | 14,114 | --- | +8,000 |
| COMBAT SURVIVOR EVADER LOCATOR (CSEL) | 1,186 | 16,879 | 1,186 | 16,879 | --- | --- |
| MEDICAL COMM FOR CBT CASUALTY CARE (MC4) | --- | 4,975 | --- | 4,975 | --- | --- |
| COMM - INTELLIGENCE COMM | | | | | | |
| CI AUTOMATION ARCHITECTURE | --- | 1,755 | --- | 1,755 | --- | --- |
| INFORMATION SECURITY | | | | | | |
| TSEC - ARMY KEY MGT SYS (AKMS) | --- | 10,150 | --- | 10,150 | --- | --- |
| INFORMATION SYSTEM SECURITY PROGRAM-ISSP | --- | 39,055 | --- | 67,755 | --- | +28,700 |
| COMM - LONG HAUL COMMUNICATIONS | | | | | | |
| TERRESTRIAL TRANSMISSION | --- | 2,040 | --- | 2,040 | --- | --- |
| BASE SUPPORT COMMUNICATIONS | --- | 36,725 | --- | 40,725 | --- | +4,000 |
| ARMY DISN ROUTER | --- | 6,039 | --- | 6,039 | --- | --- |
| ELECTROMAG COMP PROG (EMCP) | --- | 461 | --- | 461 | --- | --- |
| WW TECH CON IMP PROG (WWTCIP) | --- | 2,991 | --- | 2,991 | --- | --- |
| COMM - BASE COMMUNICATIONS | | | | | | |
| INFORMATION SYSTEMS | --- | 279,592 | --- | 459,592 | --- | +180,000 |
| DEFENSE MESSAGE SYSTEM (DMS) | --- | 26,829 | --- | 26,829 | --- | --- |
| LOCAL AREA NETWORK (LAN) | --- | 127,244 | --- | 127,244 | --- | --- |
| PENTAGON INFORMATION MGT AND TELECOM | --- | 14,501 | --- | 14,501 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| ELECT EQUIP - NAT FOR INT PROG (NFIP) | | | | | | |
| FOREIGN COUNTERINTELLIGENCE PROG (FCI) | --- | 1,624 | --- | 1,624 | --- | --- |
| GENERAL DEFENSE INTELL PROG (GDIP) | --- | 20,258 | --- | 20,258 | --- | --- |
| ELECT EQUIP - TACT INT REL ACT (TIARA) | | | | | | |
| ALL SOURCE ANALYSIS SYS (ASAS) (TIARA) | --- | 57,886 | --- | 62,886 | --- | +5,000 |
| JTT/CIBS-M (TIARA) | 13 | 4,824 | 13 | 4,824 | --- | --- |
| PROPHET GROUND (TIARA) | 46 | 20,226 | 46 | 35,226 | --- | +15,000 |
| TUAV | 12 | 84,290 | 12 | 95,290 | --- | +11,000 |
| ARMY COMMON GROUND STATION (CGS) | --- | 8,620 | --- | 8,620 | --- | --- |
| DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (TIARA) | --- | 14,089 | --- | 14,089 | --- | --- |
| TACTICAL EXPLOITATION SYSTEM (TIARA) | --- | 17,576 | --- | 17,576 | --- | --- |
| DISTRIBUTED COMMON GRND SYSTEM (DCGS) (JMIP) | --- | 2,617 | --- | 11,617 | --- | +9,000 |
| TROJAN (TIARA) | --- | 4,873 | --- | 4,873 | --- | --- |
| MOD OF IN-SVC EQUIP (INTEL SPT) (TIARA) | --- | 1,655 | --- | 1,655 | --- | --- |
| CI HUMINT INFO MANAGEMENT SYSTEM (CHIMS) (TIA | --- | 9,735 | --- | 9,735 | --- | --- |
| ITEMS LESS THAN $5 MILLION (TIARA) | --- | 3,675 | --- | 8,175 | --- | +4,500 |
| ELECT EQUIP - ELECTRONIC WARFARE (EW) | | | | | | |
| SHORTSTOP | --- | --- | --- | 6,000 | --- | +6,000 |
| COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES | --- | 2,310 | --- | 4,310 | --- | +2,000 |
| ELECT EQUIP - TACTICAL SURV (TAC SURV) | | | | | | |
| FAAD GBS | --- | 31 | --- | 31 | --- | --- |
| SENTINEL MODS | --- | 26,519 | --- | 26,519 | --- | --- |
| NIGHT VISION DEVICES | --- | 60,475 | --- | 60,475 | --- | --- |
| LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM | 105 | 49,927 | 105 | 49,927 | --- | --- |
| LTWT VIDEO RECON SYSTEM (LWVRS) | 476 | 14,318 | 476 | 14,318 | --- | --- |
| NIGHT VISION, THERMAL WPN SIGHT | 2,970 | 52,071 | 2,970 | 52,071 | --- | --- |
| ARTILLERY ACCURACY EQUIP | --- | 5,402 | --- | 5,402 | --- | --- |
| MOD OF IN-SVC EQUIP (MMS) | --- | 346 | --- | 346 | --- | --- |
| MOD OF IN-SVC EQUIP (MVS) | --- | 272 | --- | 272 | --- | --- |
| PROFILER | 2 | 4,875 | 2 | 4,875 | --- | --- |
| MOD OF IN-SVC EQUIP (TAC SURV) | --- | 33,283 | --- | 33,283 | --- | --- |
| FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) | 1,783 | 65,294 | 1,783 | 72,294 | --- | +7,000 |
| LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD | 35 | 8,962 | 35 | 10,962 | --- | +2,000 |
| MORTAR FIRE CONTROL SYSTEM | 113 | 29,794 | 113 | 29,794 | --- | --- |
| INTEGRATED MET SYS SENSORS (IMETS) - TIARA | 27 | 7,230 | 27 | 7,230 | --- | --- |
| ELECT EQUIP - TACTICAL C2 SYSTEMS | | | | | | |
| TACTICAL OPERATIONS CENTERS | --- | 42,332 | --- | 42,332 | --- | --- |
| ADV FA TAC DATA SYS / EFF CTRL SYS (AFATDS/EC | --- | 74,723 | --- | 79,723 | --- | +5,000 |
| MOD OF IN-SVC EQUIP, AFATDS | --- | 2,976 | --- | 2,976 | --- | --- |
| LIGHT WEIGHT TECNICAL FIRE DIRECTION SYS (LWT | --- | 12,413 | --- | 12,413 | --- | --- |
| CMBT SVC SUPT CONTROL SYS (CSSCS) | 139 | 24,989 | 139 | 24,989 | --- | --- |
| FAAD C2 | 2 | 24,779 | 2 | 24,779 | --- | --- |
| AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD | --- | 9,750 | --- | 9,750 | --- | --- |
| FORWARD ENTRY DEVICE / LIGHTWEIGHT FED (FED/L | --- | 15,125 | --- | 15,125 | --- | --- |
| STRIKER FAMILY | 54 | 28,543 | 54 | 28,543 | --- | --- |
| LIFE CYCLE SOFTWARE SUPPORT (LCSS) | --- | 924 | --- | 924 | --- | --- |
| LOGTECH | --- | 7,701 | --- | 7,701 | --- | --- |
| TC AIMS II | --- | 11,496 | --- | 11,496 | --- | --- |
| GUN LAYING AND POS SYS (GLPS) | --- | 159 | --- | 159 | --- | --- |
| ISYSCON EQUIPMENT | --- | 31,366 | --- | 31,366 | --- | --- |
| JOINT NETWORK MANAGEMENT SYSTEM (JNMS) | --- | 6,868 | --- | 6,868 | --- | --- |
| TACTICAL INTERNET MANAGER | --- | 11,842 | --- | 11,842 | --- | --- |
| MANEUVER CONTROL SYSTEM (MCS) | --- | 7,584 | --- | 7,584 | --- | --- |
| STAMIS TACTICAL COMPUTERS (STACOMP) | --- | 61,304 | --- | 51,304 | --- | -10,000 |
| STANDARD INTEGRATED CMD POST SYSTEM | --- | 29,535 | --- | 29,535 | --- | --- |
| ELECT EQUIP - AUTOMATION | | | | | | |
| ARMY TRAINING MODERNIZATION | --- | 19,233 | --- | 19,233 | --- | --- |
| AUTOMATED DATA PROCESSING EQUIP | --- | 156,546 | --- | 176,046 | --- | +19,500 |
| RESERVE COMPONENT AUTOMATION SYS (RCAS) | --- | 68,273 | --- | 68,273 | --- | --- |
| ELECT EQUIP - AUDIO VISUAL SYS (A/V) | | | | | | |
| AFRTS | --- | 2,523 | --- | 2,523 | --- | --- |
| ITEMS LESS THAN $5 MILLION (A/V) | --- | 5,756 | --- | 5,756 | --- | --- |
| ITEMS LESS THAN $5 MILLION (SURVEYING EQUIPMENT) | --- | 1,002 | --- | 1,002 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| ELECT EQUIP - SUPPORT | | | | | | |
| PRODUCTION BASE SUPPORT (C-E) | --- | 417 | --- | 417 | --- | --- |
| TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | 2,274,174 | | 2,623,674 | | +349,500 |
| OTHER SUPPORT EQUIPMENT | | | | | | |
| CHEMICAL DEFENSIVE EQUIPMENT | | | | | | |
| SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM) | --- | 25,953 | --- | 25,953 | --- | --- |
| BRIDGING EQUIPMENT | | | | | | |
| TACTICAL BRIDGING | --- | 57,604 | --- | 57,604 | --- | --- |
| TACTICAL BRIDGE, FLOAT-RIBBON | --- | 51,237 | --- | 51,237 | --- | --- |
| ENGINEER (NON-CONSTRUCTION) EQUIPMENT | | | | | | |
| DISPENSER, MINE M139 | --- | 1,822 | --- | 1,822 | --- | --- |
| GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS | --- | 17,425 | --- | 19,425 | --- | +2,000 |
| WIDE AREA MUNITIONS (REMOTE CONTROL UNIT) | 278 | 3,223 | --- | --- | -278 | -3,223 |
| EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT) | --- | 10,965 | --- | 10,965 | --- | --- |
| ITEMS LESS THAN $5 MILLION, COUNTERMINE EQUIP | --- | 686 | --- | 686 | --- | --- |
| COMBAT SERVICE SUPPORT EQUIPMENT | | | | | | |
| HEATERS AND ECU'S | --- | 14,824 | --- | 14,824 | --- | --- |
| LAUNDRIES, SHOWERS AND LATRINES | --- | 32,399 | --- | 32,399 | --- | --- |
| FLOODLIGHT SET, ELEC, TRL MTD, 3 LIGHTS | --- | 498 | --- | 498 | --- | --- |
| SOLDIER ENHANCEMENT | --- | 2,488 | --- | 2,488 | --- | --- |
| LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME) | 587 | 7,730 | 587 | 7,730 | --- | --- |
| AUTHORIZED STOCKAGE LIST MOBILITY SYSTEM (ASL | --- | 2,838 | --- | 2,838 | --- | --- |
| FIELD FEEDING EQUIPMENT | --- | 21,177 | --- | 23,777 | --- | +2,600 |
| ITEMS LESS THAN $5 MILLION (ENG SPT EQ) | --- | 7,918 | --- | 7,918 | --- | --- |
| ITEMS LESS THAN $5 MILLION (CSS EQ) | --- | --- | --- | 4,000 | --- | +4,000 |
| PETROLEUM EQUIPMENT | | | | | | |
| QUALITY SURVEILLANCE EQUIPMENT | --- | 7,522 | --- | 7,522 | --- | --- |
| DISTRIBUTION SYSTEMS, PETROLEUM & WATER | --- | 35,280 | --- | 35,280 | --- | --- |
| INLAND PETROLEUM DISTRIBUTION SYSTEM | --- | 12,364 | --- | 12,364 | --- | --- |
| WATER EQUIPMENT | | | | | | |
| WATER PURIFICATION SYSTEMS | --- | 18,204 | --- | 18,204 | --- | --- |
| MEDICAL EQUIPMENT | | | | | | |
| COMBAT SUPPORT MEDICAL | --- | 21,003 | --- | 28,003 | --- | +7,000 |
| MAINTENANCE EQUIPMENT | | | | | | |
| SHOP EQ CONTACT MAINTENANCE TRK MTD (MYP) | 180 | 12,870 | 180 | 12,870 | --- | --- |
| WELDING SHOP, TRAILER MTD | 119 | 5,082 | 119 | 5,082 | --- | --- |
| ITEMS LESS THAN $5 MILLION (MAINT EQ) | --- | 1,075 | --- | 6,075 | --- | +5,000 |
| CONSTRUCTION EQUIPMENT | | | | | | |
| GRADER, ROAD MTZD, HVY, 6X4 (CCE) | --- | 3,854 | --- | 8,854 | --- | +5,000 |
| SCRAPERS, EARTHMOVING | --- | 7,989 | --- | 11,989 | --- | +4,000 |
| DISTR, WATER, SP MIN 2500G SEC/NON-SEC | --- | --- | --- | 4,000 | --- | +4,000 |
| MISSION MODULES - ENGINEERING | --- | 19,236 | --- | 19,236 | --- | --- |
| COMPACTOR | --- | 299 | --- | 299 | --- | --- |
| LOADERS | --- | 25,365 | --- | 25,365 | --- | --- |
| HYDRAULIC EXCAVATOR | --- | 300 | --- | 300 | --- | --- |
| DEPLOYABLE UNIVERSAL COMBAT EARTH MOVERS | --- | 299 | --- | 299 | --- | --- |
| TRACTOR, FULL TRACKED | --- | 14,950 | --- | 14,950 | --- | --- |
| CRANES | --- | 16,333 | --- | 16,333 | --- | --- |
| CRUSHING/SCREENING PLANT, 150 TPH | 2 | 4,495 | 2 | 4,495 | --- | --- |
| PLANT, ASPHALT MIXING | 1 | 2,006 | 1 | 2,006 | --- | --- |
| HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) | 16 | 5,014 | 16 | 5,014 | --- | --- |
| CONST EQUIP ESP | --- | 9,567 | --- | 9,567 | --- | --- |
| ITEMS LESS THAN $5 MILLION (CONST EQUIP) | --- | 12,880 | --- | 12,880 | --- | --- |
| RAIL FLOAT CONTAINERIZATION EQUIPMENT | | | | | | |
| LOGISTIC SUPPORT VESSEL (LSV) | --- | --- | --- | 3,000 | --- | +3,000 |
| CAUSEWAY SYSTEMS | --- | 29,673 | --- | 29,673 | --- | --- |
| ITEMS LESS THAN $5 MILLION (FLOAT/RAIL) | --- | 3,563 | --- | 3,563 | --- | --- |
| GENERATORS | | | | | | |
| GENERATORS AND ASSOCIATED EQUIP | --- | 79,180 | --- | 79,180 | --- | --- |
| MATERIAL HANDLING EQUIPMENT | | | | | | |
| ROUGH TERRAIN CONTAINER HANDLER (RTCH) | 96 | 49,065 | 96 | 49,065 | --- | --- |
| ALL TERRAIN LIFTING ARMY SYSTEM | 148 | 21,963 | 148 | 26,963 | --- | +5,000 |
| MHE EXTENDED SERVICE PROGRAM (ESP) | 12 | 2,304 | 12 | 2,304 | --- | --- |
| ITEMS LESS THAN $5 MILLION (MHE) | --- | 495 | --- | 495 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| TRAINING EQUIPMENT | | | | | | |
| COMBAT TRAINING CENTERS (CTC) SUPPORT | --- | 54,493 | --- | 54,493 | --- | --- |
| TRAINING DEVICES, NONSYSTEM | --- | 111,682 | --- | 134,682 | --- | +23,000 |
| CLOSE COMBAT TACTICAL TRAINER | --- | 52,472 | --- | 52,472 | --- | --- |
| AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA | --- | 35,915 | --- | 35,915 | --- | --- |
| TEST MEASURE AND DIG EQUIPMENT (TMD) | | | | | | |
| CALIBRATION SETS EQUIPMENT | --- | 16,366 | --- | 16,366 | --- | --- |
| INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) | --- | 59,596 | --- | 59,596 | --- | --- |
| TEST EQUIPMENT MODERNIZATION (TEMOD) | --- | 16,782 | --- | 16,782 | --- | --- |
| ARMY DIAGNOSTICS IMPROVEMENT PGM (ADIP) | --- | 7,982 | --- | 17,982 | --- | +10,000 |
| OTHER SUPPORT EQUIPMENT | | | | | | |
| PHYSICAL SECURITY SYSTEMS (OPA3) | --- | 227,402 | --- | 571,902 | --- | +344,500 |
| BASE LEVEL COM'L EQUIPMENT | --- | 12,297 | --- | 14,297 | --- | +2,000 |
| MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) | --- | 49,181 | --- | 49,181 | --- | --- |
| PRODUCTION BASE SUPPORT (OTH) | --- | 2,522 | --- | 2,522 | --- | --- |
| SPECIAL EQUIPMENT FOR USER TESTING | --- | 14,311 | --- | 24,311 | --- | +10,000 |
| MA8975 | --- | 4,256 | --- | 43,356 | --- | +39,100 |
| TOTAL, OTHER SUPPORT EQUIPMENT | | 1,346,274 | | 1,813,251 | | +466,977 |
| SPARE AND REPAIR PARTS | | | | | | |
| INITIAL SPARES - C&E | --- | 59,694 | --- | 59,694 | --- | --- |
| INITIAL SPARES - OTHER SUPPORT EQUIP | --- | 676 | --- | 676 | --- | --- |
| TOTAL, SPARE AND REPAIR PARTS | | 60,370 | | 60,370 | | --- |
| TOTAL, OTHER PROCUREMENT, ARMY | | 5,168,453 | | 6,017,380 | | +848,927 |

## AIRCRAFT PROCUREMENT, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $7,938,143,000 |
| Fiscal year 2003 budget request | 8,203,955,000 |
| Committee recommendation | 8,682,655,000 |
| Change from budget request | +478,700,000 |

This appropriation provides funds for the procurement of aircraft and related support equipment and programs; flight simulators; equipment to modify in-service aircraft to extend their service life, eliminate safety hazards, and improve their operational effectiveness; and spare parts and ground support equipment for all end items procured by this appropriation.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change From Request |
|---|---|---|---|
| 2 F/A-18E/F (FIGHTER) HORNET (MYP) | 3,073,233 | 3,076,233 | +3,000 |
| Cost growth - Ancillary Eq., Peculiar Training Eq., ILS | | | -15,000 |
| ALQ-214 Radio Frequency Countermeasures System | | | 4,000 |
| Tactical ISR (Note: Only for the acquistion of additional Shared Airborne Reconnaissance Pods (SHARP)) | | | 14,000 |
| 4 V-22 (MEDIUM LIFT) | 1,045,660 | 1,025,660 | -20,000 |
| Unjustified Cost Resolution Claim | | | -20,000 |
| 5 V-22 (MEDIUM LIFT) (AP-CY) | 60,298 | 60,298 | 0 |
| 6 AH-1W (HELICOPTER) SEA COBRA | 0 | 0 | 0 |
| 8 MH-60S (MYP) | 284,155 | 279,155 | -5,000 |
| Support Cost Growth | | | -5,000 |
| 16 UC-35 | 0 | 8,300 | +8,300 |
| Additional Aircraft | | | +8,300 |
| 21 JPATS | 0 | 15,000 | +15,000 |
| Additional Aircraft | | | +15,000 |
| 22 KC-130J | 0 | 334,000 | +334,000 |
| 4 Aircraft - Transfer from DERF | | | 334,000 |
| 23 EA-6 SERIES | 223,527 | 229,527 | +6,000 |
| ALQ-99 Band-4 TWT Improvements | | | +4,000 |
| On-Board Oxygen Generating System (OBOGS) | | | +2,000 |
| 24 AV-8 SERIES | 32,232 | 44,232 | +12,000 |
| LITENING AT Precision Attack Targeting System | | | +12,000 |
| 29 AH-1W SERIES | 10,211 | 17,211 | +7,000 |
| AH-1W Super Cobra Night Targeting System - Enhanced | | | +7,000 |

| | Budget Request | Committee Recommended | Change From Request |
|---|---|---|---|
| 30 H-53 SERIES | 22,517 | 29,517 | +7,000 |
| M3M .40 caliber heavy machine gun | | | +7,000 |
| 32 H-1 SERIES | 1,825 | 8,825 | +7,000 |
| NTIS - AN/AQQ-22 | | | +7,000 |
| 34 EP-3 SERIES | 26,061 | 60,561 | +34,500 |
| EP-3E Upgrades - Transfer from DERF | | | 22,500 |
| EP-3 UPgrades (Note: Only to design, build, integrate, install and flight test an upgraded Radio Frequency Distribution and Antenna System.) | | | 6,000 |
| JMOD Phase I upgrades | | | 6,000 |
| 35 P-3 SERIES | 102,698 | 143,598 | +40,900 |
| FM Immune Multi-mode Receivers | | | +3,000 |
| AIP JSOW Modification | | | +7,000 |
| BMUP ALR-95 Upgrade | | | +4,000 |
| COTS Aircraft Health Monitoring System | | | +1,500 |
| Acoustic and Display Processor Upgrades | | | +7,500 |
| Advanced Multiband Optical Surveillance System | | | +5,000 |
| Acoustic Data Recorder / Data Replay Recorder | | | +4,000 |
| Digital Autopilot Upgrade | | | +1,900 |
| Digital Instantaneous Frequency Measurement (DIFM) Upgrade | | | +5,000 |
| P-3C Tactical Support center (TSC) ALR-95 ESM System Upgrade Support | | | +2,000 |

| | Budget Request | Committee Recommended | Change From Request |
|---|---|---|---|
| 37 E-2 SERIES | 17,195 | 24,195 | +7,000 |
| CEC Equipment for Prior Year Hawkeye 2000 Upgrades | | | +7,000 |
| 44 EXECUTIVE HELICOPTERS SERIES | 10,157 | 16,157 | +6,000 |
| VH-3D/VH-60D Upgrade - Transfer from DERF | | | 6,000 |
| 45 SPECIAL PROJECT AIRCRAFT | 0 | 6,500 | +6,500 |
| Transfer from DERF | | | 4,000 |
| Block Modification to 1106 configuration | | | 2,500 |
| 48 COMMON ECM EQUIPMENT | 28,006 | 34,506 | +6,500 |
| AN/AAR-47 | | | +3,000 |
| AN/APR-39B (V) 2 Passive Threat Warning Systems for CH-53 helicopters | | | +3,500 |
| 54 WAR CONSUMABLES | 12,079 | 15,079 | +3,000 |
| Aerial Refueling Store Advanced Power System | | | +3,000 |

CH–60S COMMON COCKPIT MULTI-YEAR PROCUREMENT

The Committee notes that the CH–60S helicopter is being procured under two separate acquisition plans. The basic air vehicle is being procured under a cost effective multi-year contract, while the CH–60S cockpit avionics and other components are being procured on an annual basis. The Navy may be able to realize additional costs savings through a multi-year procurement of the aircraft cockpit equipment as well. The Committee urges the Department of the Navy to thoroughly examine the business case for multi-year procurement of the MH–60S helicopter cockpits and if warranted by the analysis, submit a request for multi- year procurement of said cockpits as part of the fiscal year 2004 budget request.

TACTICAL INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE (ISR)

The Committee understands that the Navy may be considering a plan to terminate its long-standing tactical aircraft intelligence, surveillance, and reconnaissance (ISR) program. The Navy's concerns about the value of the product to the overall mission planning process, as well as its ability to fund future program requirements, has generated an interest in terminating a number of tactical ISR programs after fiscal year 2003, particularly the F/A–18E/F Shared Reconnaissance Pod (SHARP).

The Committee would not agree with such a recommendation and remains committed to the necessity of continuing ISR missions conducted by tactical aircraft. The Committee believes that the Shared Reconnaissance Pod (SHARP), when it is deployed, will provide a unique opportunity for sharing of ISR data, a critical component of network centric warfare. The cost savings for terminating this particular program cannot outweigh the important contributions for expanding the availability of "high demand/low density" ISR collection and distribution sensors and platforms.

Therefore, the Committee directs the Navy to continue funding the Shared Reconnaissance Pod (SHARP) in the fiscal year 2004 and future years budgets. Should the Navy determine that other tactical ISR sensors do not provide sufficient value to mission planners or are of significantly high maintenance costs, the Committee would certainly consider a termination proposal for these systems.

PROGRAM RECOMMENDED

The total recommended in the bill will provide the following program in fiscal year 2003.

(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 | | | | | | |
| AV-8B (V/STOL)HARRIER (MYP) | --- | 5,953 | --- | 5,953 | --- | --- |
| F/A-18E/F (FIGHTER) HORNET (MYP) | 44 | 3,073,233 | 44 | 3,076,233 | --- | +3,000 |
| F/A-18E/F (FIGHTER) HORNET (MYP) (AP-CY) | --- | 86,259 | --- | 86,259 | --- | --- |
| V-22 (MEDIUM LIFT) | 11 | 1,045,660 | 11 | 1,025,660 | --- | -20,000 |
| V-22 (MEDIUM LIFT) (AP-CY) | --- | 60,298 | --- | 60,298 | --- | --- |
| MH-60S (MYP) | 15 | 284,155 | 15 | 279,155 | --- | -5,000 |
| MH-60S (MYP) (AP-CY) | --- | 88,000 | --- | 88,000 | --- | --- |
| MH-60R | --- | 86,871 | --- | 86,871 | --- | --- |
| MH-60R (AP-CY) | --- | 29,341 | --- | 29,341 | --- | --- |
| E-2C (EARLY WARNING) HAWKEYE (MYP) | 5 | 267,851 | 5 | 267,851 | --- | --- |
| E-2C (EARLY WARNING) HAWKEYE (MYP) (AP-CY) | --- | 27,600 | --- | 27,600 | --- | --- |
| TOTAL, COMBAT AIRCRAFT | | 5,055,221 | | 5,033,221 | | -22,000 |
| AIRLIFT AIRCRAFT | | | | | | |
| UC-35 | --- | --- | --- | 8,300 | --- | +8,300 |
| TRAINER AIRCRAFT | | | | | | |
| T-45TS (TRAINER) GOSHAWK | 8 | 221,381 | 8 | 221,381 | --- | --- |
| JPATS | --- | --- | --- | 15,000 | --- | +15,000 |
| TOTAL, TRAINER AIRCRAFT | | 221,381 | | 236,381 | | +15,000 |
| OTHER AIRCRAFT | | | | | | |
| KC-130J | --- | --- | 4 | 334,000 | +4 | +334,000 |
| MODIFICATION OF AIRCRAFT | | | | | | |
| EA-6 SERIES | --- | 223,527 | --- | 229,527 | --- | +6,000 |
| AV-8 SERIES | --- | 32,232 | --- | 44,232 | --- | +12,000 |
| F-14 SERIES | --- | 3,712 | --- | 3,712 | --- | --- |
| ADVERSARY | --- | 10,475 | --- | 10,475 | --- | --- |
| F-18 SERIES | --- | 421,704 | --- | 421,704 | --- | --- |
| H-46 SERIES | --- | 67,193 | --- | 67,193 | --- | --- |
| AH-1W SERIES | --- | 10,211 | --- | 17,211 | --- | +7,000 |
| H-53 SERIES | --- | 22,517 | --- | 29,517 | --- | +7,000 |
| SH-60 SERIES | --- | 15,419 | --- | 15,419 | --- | --- |
| H-1 SERIES | --- | 1,825 | --- | 8,825 | --- | +7,000 |
| EP-3 SERIES | --- | 26,061 | --- | 60,561 | --- | +34,500 |
| P-3 SERIES | --- | 102,698 | --- | 143,598 | --- | +40,900 |
| S-3 SERIES | --- | 45,130 | --- | 45,130 | --- | --- |
| E-2 SERIES | --- | 17,195 | --- | 24,195 | --- | +7,000 |
| TRAINER A/C SERIES | --- | 2,844 | --- | 2,844 | --- | --- |
| C-2A | --- | 29,819 | --- | 29,819 | --- | --- |
| C-130 SERIES | --- | 6,263 | --- | 6,263 | --- | --- |
| FEWSG | --- | 606 | --- | 606 | --- | --- |
| CARGO/TRANSPORT A/C SERIES | --- | 3,819 | --- | 3,819 | --- | --- |
| E-6 SERIES | --- | 57,099 | --- | 57,099 | --- | --- |
| EXECUTIVE HELICOPTERS SERIES | --- | 10,157 | --- | 16,157 | --- | +6,000 |
| SPECIAL PROJECT AIRCRAFT | --- | --- | --- | 6,500 | --- | +6,500 |
| T-45 SERIES | --- | 28,246 | --- | 28,246 | --- | --- |
| POWER PLANT CHANGES | --- | 13,673 | --- | 13,673 | --- | --- |
| COMMON ECM EQUIPMENT | --- | 28,006 | --- | 34,506 | --- | +6,500 |
| COMMON AVIONICS CHANGES | --- | 63,228 | --- | 63,228 | --- | --- |
| V-22 (TILT/ROTOR ACFT) OSPREY | --- | 4,961 | --- | 4,961 | --- | --- |
| TOTAL, MODIFICATION OF AIRCRAFT | | 1,248,620 | | 1,389,020 | | +140,400 |
| AIRCRAFT SPARES AND REPAIR PARTS | | | | | | |
| SPARES AND REPAIR PARTS | --- | 1,116,535 | --- | 1,116,535 | --- | --- |
| AIRCRAFT SUPPORT EQUIPMENT & FACILITIES | | | | | | |
| COMMON GROUND EQUIPMENT | --- | 442,330 | --- | 442,330 | --- | --- |
| AIRCRAFT INDUSTRIAL FACILITIES | --- | 18,112 | --- | 18,112 | --- | --- |
| WAR CONSUMABLES | --- | 12,079 | --- | 15,079 | --- | +3,000 |
| INDUSTRIAL FACILITIES | --- | 25,309 | --- | 25,309 | --- | --- |
| SPECIAL SUPPORT EQUIPMENT | --- | 62,725 | --- | 62,725 | --- | --- |
| FIRST DESTINATION TRANSPORTATION | --- | 1,643 | --- | 1,643 | --- | --- |
| TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES | | 562,198 | | 565,198 | | +3,000 |
| TOTAL, AIRCRAFT PROCUREMENT, NAVY | | 8,203,955 | | 8,682,655 | | +478,700 |

## WEAPONS PROCUREMENT, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,429,592,000 |
| Fiscal year 2003 budget request | 1,832,617,000 |
| Committee recommendation | 2,384,617,000 |
| Change from budget request | +552,000,000 |

This appropriation provides funds for the procurement of strategic and tactical missiles, target drones, torpedoes, guns, associated support equipment, and modification on in-service missiles, torpedoes, and guns.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 4 TOMAHAWK | 145,820 | 664,820 | +519,000 |
| Block II/III Conversions -Transfer from DERF | | | 598,000 |
| Block II/III Conversions -Reduction to DERF | | | -103,000 |
| Additional Tooling - Block IV Production | | | 24,000 |
| 28 ASW RANGE SUPPORT | 14,477 | 18,477 | +4,000 |
| Pacific Northwest Undersea Range Support | | | +4,000 |
| 30 SMALL ARMS AND WEAPONS | 2,856 | 9,856 | +7,000 |
| Coast Guard Small Arms - Transfer From DERF | | | 3,000 |
| Physical Security Equip. - Transfer From DERF | | | 4,000 |
| 32 CIWS MODS | 32,226 | 39,226 | +7,000 |
| Block 1B Upgrade OrdAlt Kits | | | +4,000 |
| MK 45 5" Gun Upgrades | | | +3,000 |
| TACTICAL UAV | 0 | 15,000 | +15,000 |
| Shadow Upgrades - Transfer from DERF | | | 15,000 |

PROGRAM RECOMMENDED

The total recommended in the bill will provide the following program in fiscal year 2003.

(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 | | | | | | |
| TRIDENT II | 12 | 585,916 | 12 | 585,916 | --- | --- |
| MISSILE INDUSTRIAL FACILITIES | --- | 1,318 | --- | 1,318 | --- | --- |
| TOTAL, BALLISTIC MISSILES | | 587,234 | | 587,234 | | --- |
| OTHER MISSILES | | | | | | |
| STRATEGIC MISSILES | | | | | | |
| TOMAHAWK | 106 | 145,820 | 106 | 664,820 | --- | +519,000 |
| ESSM | 146 | 129,550 | 146 | 129,550 | --- | --- |
| TACTICAL MISSILES | | | | | | |
| AMRAAM | 100 | 50,937 | 100 | 50,937 | --- | --- |
| SIDEWINDER | 295 | 53,250 | 295 | 53,250 | --- | --- |
| JSOW | 363 | 139,537 | 363 | 139,537 | --- | --- |
| SLAM-ER | 120 | 83,781 | 120 | 83,781 | --- | --- |
| STANDARD MISSILE | 93 | 156,423 | 93 | 156,423 | --- | --- |
| RAM | 90 | 58,379 | 90 | 58,379 | --- | --- |
| AERIAL TARGETS | --- | 70,332 | --- | 70,332 | --- | --- |
| OTHER MISSILE SUPPORT | --- | 12,039 | --- | 12,039 | --- | --- |
| MODIFICATION OF MISSILES | | | | | | |
| SIDEWINDER MODS | --- | 595 | --- | 595 | --- | --- |
| HARM MODS | --- | 4,959 | --- | 4,959 | --- | --- |
| STANDARD MISSILES MODS | 90 | 56,163 | 90 | 56,163 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| WEAPONS INDUSTRIAL FACILITIES | --- | 17,662 | --- | 17,662 | --- | --- |
| ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| ORDNANCE SUPPORT EQUIPMENT | --- | 5,422 | --- | 5,422 | --- | --- |
| TOTAL, OTHER MISSILES | | 984,849 | | 1,503,849 | | +519,000 |
| TORPEDOES AND RELATED EQUIPMENT | | | | | | |
| TORPEDOES AND RELATED EQUIP | | | | | | |
| ASW TARGETS | --- | 14,330 | --- | 14,330 | --- | --- |
| MOD OF TORPEDOES AND RELATED EQUIP | | | | | | |
| MK-46 TORPEDO MODS | --- | 38,783 | --- | 38,783 | --- | --- |
| MK-48 TORPEDO ADCAP MODS | --- | 62,124 | --- | 62,124 | --- | --- |
| QUICKSTRIKE MINE | --- | 2,025 | --- | 2,025 | --- | --- |
| SUPPORT EQUIPMENT | | | | | | |
| TORPEDO SUPPORT EQUIPMENT | --- | 25,132 | --- | 25,132 | --- | --- |
| ASW RANGE SUPPORT | --- | 14,477 | --- | 18,477 | --- | +4,000 |
| DESTINATION TRANSPORTATION | | | | | | |
| FIRST DESTINATION TRANSPORTATION | --- | 2,751 | --- | 2,751 | --- | --- |
| TOTAL, TORPEDOES AND RELATED EQUIPMENT | | 159,622 | | 163,622 | | +4,000 |
| OTHER WEAPONS | | | | | | |
| GUNS AND GUN MOUNTS | | | | | | |
| SMALL ARMS AND WEAPONS | --- | 2,856 | --- | 9,856 | --- | +7,000 |
| AIRBORNE MINE NEUTRALIZATION SYSTEMS | --- | 1,539 | --- | 1,539 | --- | --- |
| MODIFICATION OF GUNS AND GUN MOUNTS | | | | | | |
| CIWS MODS | --- | 32,226 | --- | 39,226 | --- | +7,000 |
| GUN MOUNT MODS | --- | 8,351 | --- | 8,351 | --- | --- |
| TACTICAL UAV - PIONEER | --- | --- | --- | 15,000 | --- | +15,000 |
| TOTAL, OTHER WEAPONS | | 44,972 | | 73,972 | | +29,000 |
| SPARES AND REPAIR PARTS | --- | 55,940 | --- | 55,940 | --- | --- |
| TOTAL, WEAPONS PROCUREMENT, NAVY | | 1,832,617 | | 2,384,617 | | +552,000 |

## PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

| | |
|---|---|
| Fiscal year 2002 appropriation | $461,399,000 |
| Fiscal Year 2003 budget request | 1,015,152,000 |
| Committee recommendation | 1,167,130,000 |
| Change from Budget Request | +151,978,000 |

This appropriation finances the acquisition of ammunition, ammunition modernization, and ammunition related material for the Navy and Marine Corps.

### COMMITTEE RECOMMENDATION

PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1 GENERAL PURPOSE BOMBS | 243,395 | 304,695 | +61,300 |
| LGB Kits - Transfer from DERF | | | 25,000 |
| LGB Kits (Training Rounds) - Transfer from DERF | | | 36,300 |
| 2 JDAM | 225,992 | 279,992 | +54,000 |
| Additional JDAM Kits - Transfer from DERF | | | 54,000 |
| 3 AIRBORNE ROCKETS, ALL TYPES | 28,979 | 52,279 | +23,300 |
| 2.75" and 5" Rocket Motors - Transfer from DERF | | | 23,300 |
| 4 MACHINE GUN AMMUNITION | 26,375 | 30,875 | +4,500 |
| PGU 27 Link / Bulk - Transfer from DERF | | | 4,500 |
| 11 EXTENDED RANGE GUIDED MUNITIONS (ERGM) | 4,022 | 0 | -4,022 |
| Development Delay | | | -4,022 |
| 14 SMALL ARMS & LANDING PARTY AMMO | 19,004 | 20,004 | +1,000 |
| Coast Guard Small Arms Ammo - Transfer from DERF | | | 1,000 |
| 26 120MM, ALL TYPES | 35,117 | 45,117 | +10,000 |
| Additional Ammunition | | | +10,000 |
| 37 ITEMS LESS THAN $5 MILLION | 1,616 | 3,516 | +1,900 |
| MK-58 Marine Location Markers | | | 1,900 |

PROGRAM RECOMMENDED

The total recommended in the bill will provide the following program in fiscal year 2003.

(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 | | | | | | |
| GENERAL PURPOSE BOMBS | --- | 243,395 | --- | 304,695 | --- | +61,300 |
| JDAM | 9,880 | 225,992 | 12,280 | 279,992 | +2,400 | +54,000 |
| AIRBORNE ROCKETS, ALL TYPES | --- | 28,979 | --- | 52,279 | --- | +23,300 |
| MACHINE GUN AMMUNITION | --- | 26,375 | --- | 30,875 | --- | +4,500 |
| PRACTICE BOMBS | --- | 65,623 | --- | 65,623 | --- | --- |
| CARTRIDGES & CART ACTUATED DEVICES | --- | 26,355 | --- | 26,355 | --- | --- |
| AIRCRAFT ESCAPE ROCKETS | --- | 10,767 | --- | 10,767 | --- | --- |
| AIR EXPENDABLE COUNTERMEASURES | --- | 38,856 | --- | 38,856 | --- | --- |
| JATOS | --- | 4,536 | --- | 4,536 | --- | --- |
| 5 INCH/54 GUN AMMUNITION | --- | 12,252 | --- | 12,252 | --- | --- |
| EXTENDED RANGE GUIDED MUNITIONS (ERGM) | --- | 4,022 | --- | --- | --- | -4,022 |
| 76MM GUN AMMUNITION | --- | 8,342 | --- | 8,342 | --- | --- |
| OTHER SHIP GUN AMMUNITION | --- | 10,045 | --- | 10,045 | --- | --- |
| SMALL ARMS & LANDING PARTY AMMO | --- | 19,004 | --- | 20,004 | --- | +1,000 |
| PYROTECHNIC AND DEMOLITION | --- | 10,338 | --- | 10,338 | --- | --- |
| MINE NEUTRALIZATION DEVICES | --- | 2,725 | --- | 2,725 | --- | --- |
| AMMUNITION LESS THAN $5 MILLION | --- | 1,212 | --- | 1,212 | --- | --- |
| TOTAL, PROC AMMO, NAVY | | 738,818 | | 878,896 | | +140,078 |
| PROC AMMO, MC | | | | | | |
| MARINE CORPS AMMUNITION | | | | | | |
| 5.56 MM, ALL TYPES | --- | 31,600 | --- | 31,600 | --- | --- |
| 7.62 MM, ALL TYPES | --- | 7,078 | --- | 7,078 | --- | --- |
| LINEAR CHARGES, ALL TYPES | --- | 40,623 | --- | 40,623 | --- | --- |
| .50 CALIBER | --- | 10,514 | --- | 10,514 | --- | --- |
| 40 MM, ALL TYPES | --- | 11,909 | --- | 11,909 | --- | --- |
| 60MM, ALL TYPES | --- | 2,199 | --- | 2,199 | --- | --- |
| 81MM, ALL TYPES | --- | 31,412 | --- | 31,412 | --- | --- |
| 120MM, ALL TYPES | --- | 35,117 | --- | 45,117 | --- | +10,000 |
| CTG 25MM, ALL TYPES | --- | 6,641 | --- | 6,641 | --- | --- |
| 9 MM ALL TYPES | --- | 1,983 | --- | 1,983 | --- | --- |
| GRENADES, ALL TYPES | --- | 11,357 | --- | 11,357 | --- | --- |
| STINGER SLEP | --- | 1,577 | --- | 1,577 | --- | --- |
| ROCKETS, ALL TYPES | --- | 18,854 | --- | 18,854 | --- | --- |
| ARTILLERY, ALL TYPES | --- | 46,750 | --- | 46,750 | --- | --- |
| DEMOLITION MUNITIONS, ALL TYPES | --- | 4,089 | --- | 4,089 | --- | --- |
| FUZE, ALL TYPES | --- | 620 | --- | 620 | --- | --- |
| NON LETHALS | --- | 5,406 | --- | 5,406 | --- | --- |
| AMMO MODERNIZATION | --- | 6,990 | --- | 6,990 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 1,616 | --- | 3,516 | --- | +1,900 |
| TOTAL, PROC AMMO, MC | | 276,335 | | 288,235 | | +11,900 |
| ADJUSTMENT | --- | -1 | --- | -1 | --- | --- |
| TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS | | 1,015,152 | | 1,167,130 | | +151,978 |

## SHIPBUILDING AND CONVERSION, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $9,490,039,000 |
| Fiscal year 2003 budget request | 8,191,194,000 |
| Committee recommendation | 8,127,694,000 |
| Change from budget request | −63,500,000 |

This appropriation provides funds for the construction of new ships and the purchase and conversion of existing ships, including hull, mechanical, and electrical equipment, electronics, guns, torpedo and missile launching systems, and communication systems.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1 CARRIER REPLACEMENT PROGRAM (Note: Only for the CVN-77 Integrated Warfare System (IWS)) | 0 | 250,000 | +250,000 |
| 3 VIRGINIA CLASS SUBMARINE | 1,512,652 | 1,490,652 | -22,000 |
| Technical Engineering Services - Cost Growth | | | -1,500 |
| Sonar, Combat Control Architecture | | | -15,000 |
| SRWS | | | -1,000 |
| C3I Major Hardware | | | -7,500 |
| (Note: Only for a pilot demonstration at two commercial shipyards of manpower scheduling software that targets cost reduction in the shipbuilding process.) | | | 3,000 |
| 10 SUBMARINE REFUELING OVERHAULS | 271,292 | 231,292 | -40,000 |
| Mispricing of FY2002 Advanced Procurement | | | -40,000 |
| 12 DDG-51 | 2,295,502 | 2,273,002 | -22,500 |
| Design Plan Cost Growth | | | -5,000 |
| AIEWS Termination | | | -17,500 |
| 14 LHD-1 AMPHIBIOUS ASSAULT SHIP | 243,000 | 0 | -243,000 |
| Prior year fund availability | | | -243,000 |
| 15 LHD-1 AMPHIBIOUS ASSAULT SHIP (AP-CY) | 10,000 | 0 | -10,000 |
| Premature request prior to AOA | | | -10,000 |
| 20 LCU(X) | 6,756 | 9,756 | +3,000 |
| Yard Oilers | 0 | 0 | 3,000 |
| 22 LCAC SLEP | 67,638 | 81,638 | +14,000 |
| LCAC SLEP | | | +14,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 23 MINE HUNTER | 0 | 7,000 | +7,000 |
| Mine Hunter SWATH | | | +7,000 |

CVN–77 INTEGRATED WARFARE SYSTEM (IWS)

The CVN–77 is to be the last Nimitz-class carrier acquired and operated by the Navy before transitioning to the CVN(X) next generation aircraft carrier class. As originally envisioned, the CVN–77 was to be a bridge to the future as one of three transformational carriers designed to evolve the Navy towards more modern ship designs. It was to have an integrated warfare system (IWS) featuring a new phased array radar being developed by the DD–21 program, enhanced self defense capabilities, advanced displays, programmable communications suites, and open system architectures to provide an easily upgradable base for future technology insertion and product improvement efforts. With the termination of the DD–21 program and restructure as the DD–(X), it became apparent that the existing development schedules for the Multi-function radar (MFR) and Volume Search Radar (VSR) systems would no longer meet the construction schedule requirements of the CVN–77. The Navy had a modern technological alternative available in the form of a derivative of the AEGIS SPY–1 Radar coupled with the MFR, but instead chose to replace the MFR/VSR systems with legacy rotating radar equipment originally developed over 30 years ago and currently out of production. Additionally, in an effort to not create prior year shipbuilding costs for the CVN–77, the Navy chose to delete a substantial amount of the technology improvement work that was to be accomplished in the IWS. Instead of the previously cited warfighting capability improvements that were to be fielded on the CVN–77, the Navy has decided to launch the last Nimitz class carrier into the 21st century with vintage radars, basic self-defense capabilities, isolated decision centers, non-integrated displays, generation old computer processors and stovepiped communications systems. This decision not only deprives the fleet of significant warfighting improvements that could be obtained today, but in the Committee's belief, unnecessarily increases the technological risk and total cost to the CVN(X) program, thus negating any short term cost savings benefit derived from severely limiting the CVN–77 IWS development effort. The Committee is also concerned that under the Navy proposal, it is not apparent where legacy radar systems would be obtained for reconditioning and installation on the CVN–77, or what the impact would be to other Navy shipbuilding programs that could potentially receive these assets. It is also apparent that the Navy has not adequately factored in the costs of maintaining out of production parts for the legacy systems they had hoped to use on the CVN–77. Finally, the Committee believes that the presently proposed "flexible island" design change would generate unnecessary costs and that it would be actually more efficient to design a flexible island that accommodates the change of one phased array radar system to another, rather than from a rotating to a phased array radar system.

The Navy is to be applauded for it's recent sensitivity towards and management of prior year shipbuilding costs. The Secretary's efforts to bring long needed discipline to this fiscal practice is appreciated and supported by the Committee. However, the Committee believes that in the case of the CVN–77 IWS, the most cost effective course is to include as much warfighting capability on the

ship as possible today, not at a post launch availability date far beyond present budgetary horizons. The Committee therefore has provided an additional $250,000,000 over the fiscal year 2003 budget request for the CVN–77 only to reinstate the original work content of the IWS contract. It is the Committee's sense that the Navy should pursue a phased array radar solution for the CVN–77, whether it is a variant of the AEGIS SPY–1 radar or an acceleration of the MFR/VSR system to be installed on the DD–X.

The Committee also strictly prohibits the obligation of any funds in the fiscal year 2003 budget request for the development of a CVN–77 IWS contract data package that does not include a phased array radar system, enhanced self defense capability, advanced display systems and an open system architecture configured to optimize future technology insertion and product improvement upgrades. Elsewhere in this report the Committee has recommended a reduction of $25,000,000 for development of the CVN(X) contract data package as premature, until the Navy clearly establishes a coherent risk reduction path from the CVN–77 to the CVN(X). The Department of the Navy is directed to provide a report to the House Appropriations Committee no later than February 15, 2003 which details the new acquisition strategy for the CVN–77 IWS to include a detailed discussion of the reinstated program's, cost, schedule, and technical and contractual milestones.

SSGN ACQUISITION STRATEGY

The Committee remains strongly supportive of the effort to convert and modernize four SSBN nuclear missile submarines to perform tactical and surveillance missions. The Committee is convinced that these assets which were otherwise to be retired, will prove to be a vital capability for the Navy in future contingencies.

One of the compelling features of this program was the relatively straight-forward and cost-effective process of converting existing submarines to be capable of carrying up to 150 Tomahawk missiles. The economic and operational benefits of carrying out this conversion for 4 vice 2 boats as proposed by the Navy became apparent to Congress during the fiscal year 2002 defense budget cycle. Accordingly, additional funding was provided to initiate a 4 boat program in fiscal year 2002. The Navy is to be commended for identifying funding in its future years defense program to ensure that a 4 boat SSGN capability becomes a reality. The Committee has concerns, however, that the Navy maybe pursuing an unnecessarily complex acquisition strategy for the SSGN program which could affect its future affordability. The Committee believes that it is imperative that the SSGN program be managed to ensure that cost and schedule goals are achieved.

The SSGN conversion program is comprised of standard submarine refueling and overhaul activities, but also includes elements of a new design and a first time installation of new equipment. It will also necessarily involve system integration efforts and design/installation interfacing. The Committee urges the Navy to optimize the proven historical capabilities of public and private shipyards, as well as look to other successful design/build processes and other conversion programs for SSBN such as the recent conversions to the D–5 missile, as it goes forward with an acquisition

strategy for the SSGN program. The Committee therefore directs the Navy to submit a report to the Appropriations Committee no later February 15, 2003 on the overall acquisition strategy for the SSGN program to include consideration of a prime systems integrator for all design, manufacturing, and conversion activities for the SSGN program and an arrangement that maximizes the utilization of available skilled workforces and infrastructure at each public shipyard to include the minimization of crew transfers and maximization of production learning curves.

### DDG—51 COMPOSITE STRUCTURES

The Committee directs the Department of the Navy to conduct an analysis of the cost and performance effectiveness of including composite louvers in the baseline design for DDG–51 class ships under the current multi-year buy beginning with ships appropriated in fiscal year 2002. If warranted by the analysis, the Committee urges the Navy to begin budget and acquisition planning to procure and install composite louvers on present and future flights of DDG–51 ships starting with the post-delivery availability of ships scheduled for delivery in 2003 and 2004. The Navy is directed to provide a report on its analysis to the House Appropriations Committee no later than February 15, 2003.

## PROGRAM RECOMMENDED

The total recommended in the bill will provide the following program in fiscal year 2003.

(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 | | | | | | |
| OTHER WARSHIPS | | | | | | |
| CARRIER REPLACEMENT PROGRAM | --- | --- | --- | 250,000 | --- | +250,000 |
| CARRIER REPLACEMENT PROGRAM (AP-CY) | --- | 243,703 | --- | 243,703 | --- | --- |
| VIRGINIA CLASS SUBMARINE | 1 | 1,512,652 | 1 | 1,490,652 | --- | -22,000 |
| VIRGINIA CLASS SUBMARINE (AP-CY) | --- | 706,309 | --- | 706,309 | --- | --- |
| SSGN CONVERSION | 2 | 404,305 | 2 | 404,305 | --- | --- |
| SSGN CONVERSION (AP-CY) | --- | 421,000 | --- | 421,000 | --- | --- |
| CVN REFUELING OVERHAULS (AP-CY) | --- | 296,781 | --- | 296,781 | --- | --- |
| SUBMARINE REFUELING OVERHAULS | 1 | 271,292 | 1 | 231,292 | --- | -40,000 |
| SUBMARINE REFUELING OVERHAULS (AP-CY) | --- | 88,257 | --- | 88,257 | --- | --- |
| DDG-51 | 2 | 2,295,502 | 2 | 2,273,002 | --- | -22,500 |
| DDG-51 (AP-CY) | --- | 74,000 | --- | 74,000 | --- | --- |
| TOTAL, OTHER WARSHIPS | | 6,313,801 | | 6,479,301 | | +165,500 |
| AMPHIBIOUS SHIPS | | | | | | |
| LHD-1 AMPHIBIOUS ASSAULT SHIP | --- | 243,000 | --- | --- | --- | -243,000 |
| LHD-1 AMPHIBIOUS ASSAULT SHIP (AP-CY) | --- | 10,000 | --- | --- | --- | -10,000 |
| LPD-17 | 1 | 596,492 | 1 | 596,492 | --- | --- |
| LPD-17 (AP-CY) | --- | 8,000 | --- | 8,000 | --- | --- |
| TOTAL, AMPHIBIOUS SHIPS | | 857,492 | | 604,492 | | -253,000 |
| AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM | | | | | | |
| LCU(X) | --- | 6,756 | --- | 9,756 | --- | +3,000 |
| OUTFITTING | --- | 300,608 | --- | 300,608 | --- | --- |
| LCAC SLEP | 3 | 67,638 | 3 | 81,638 | --- | +14,000 |
| MINE HUNTER | --- | --- | --- | 7,000 | --- | +7,000 |
| COMPLETION OF PY SHIPBUILDING PROGRAMS | --- | 644,899 | --- | 644,899 | --- | --- |
| TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM | | 1,019,901 | | 1,043,901 | | +24,000 |
| TOTAL, SHIPBUILDING & CONVERSION, NAVY | | 8,191,194 | | 8,127,694 | | -63,500 |

## OTHER PROCUREMENT, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $4,270,976,000 |
| Fiscal year 2003 budget request | 4,347,024,000 |
| Committee recommendation | 4,631,299,000 |
| Change from budget request | +284,275,000 |

This appropriation provides funds for the procurement of major equipment and weapons other than ships, aircraft, missiles, and torpedoes. Such equipment ranges from the latest electronic sensors for updating naval forces to trucks, training equipment, and spare parts.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 3 SUBMARINE PROPELLERS | 10,641 | 4,241 | -6,400 |
| Seawolf Installation Availability Delay | | | -6,400 |
| 12 STRATEGIC PLATFORM SUPPORT EQUIP | 26,692 | 41,692 | +15,000 |
| Submarine Common Electronics Equipment Replacement (Note: Only for procurement of AN/UYQ-70 family equipment to modernize submarine combat systems.) | | | +15,000 |
| 16 ITEMS LESS THAN $5 MILLION | 123,449 | 142,449 | +19,000 |
| Fuel Catalyst | | | +3,000 |
| Fuel and Engine Maintenance Savings System (FEMSS) | | | +3,500 |
| Total Ship Information Management Systems (TSIMS) for CVNs | | | +2,500 |
| Wireless Network Capable Application Processors Factory | | | +10,000 |
| 22 STANDARD BOATS | 33,832 | 35,832 | +2,000 |
| 25 Person Life Rafts | | | +2,000 |
| 24 OPERATING FORCES IPE | 17,134 | 21,134 | +4,000 |
| Expeditionary Maintenance Facility | | | +4,000 |
| 27 RADAR SUPPORT | 0 | 10,000 | +10,000 |
| AN/SYS-2(V) 11 Track Management System for FFG-7s | | | +5,000 |
| Back Fit of Signal Processor ECP into DDG-51, LHA, LSD, LPDs, and CVs ships | | | +5,000 |
| 29 SSN ACOUSTICS | 251,909 | 231,009 | -20,900 |
| TB-29A - Operational Testing Delay | | | -22,400 |
| TB-23 Refurbishment Program | | | 1,500 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 30 UNDERSEA WARFARE SUPPORT EQUIPMENT | 3,775 | 15,275 | +11,500 |
| CV-TSC Modernization | | | +4,500 |
| Surface Ship Torpedo Defense (Note: Funds are only to procure new improvements to the AN/SLQ-25A torpedo countermeasure system.) | | | +7,000 |
| 33 SUBMARINE ACOUSTIC WARFARE SYSTEM | 21,686 | 24,686 | +3,000 |
| Submarine Acoustic Intercept Improvement Initiative | | | +3,000 |
| 38 AIEWS | 15,808 | 0 | -15,808 |
| Program Termination | | | -15,808 |
| 39 INFORMATION WARFARE SYSTEMS | 5,158 | 7,158 | +2,000 |
| Transfer from DERF | | | 2,000 |
| 40 SHIPBOARD IW EXPLOIT | 77,066 | 87,066 | +10,000 |
| EW Readiness Support - Transfer from DERF | | | 10,000 |
| 42 NAVY TACTICAL DATA SYSTEM | 0 | 9,000 | +9,000 |
| AN/UYQ-70 Fleet Peripheral Emulation Fielding | | | +5,000 |
| Q-70 Shore Sites | | | +4,000 |
| 43 COOPERATIVE ENGAGEMENT CAPABILITY | 66,736 | 74,736 | +8,000 |
| CEC Accelerated Fleet Introduction / Low Cost Planar Array Antennas | | | +8,000 |
| 61 ID SYSTEMS | 32,633 | 31,833 | -800 |
| MK XII Common Digital Transponder - Unjustified Cost Growth | | | -800 |
| 70 INTEG COMBAT SYSTEM TEST FACILITY | 4,498 | 8,498 | +4,000 |
| Q-70 Integrated Combat Systems Test Facility Installations | | | +4,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 72 ITEMS LESS THAN $5 MILLION | 9,037 | 13,037 | +4,000 |
| Production of Q-70 Computer Aided Dead Reckoning Tracer (CADRT) | | | +4,000 |
| 73 SHIP COMMUNICATIONS AUTOMATION | 161,235 | 165,235 | +4,000 |
| Mission Systems Technology and Interoperability Center (MSTIC) communications upgrades | | | +4,000 |
| 74 COMMUNICATIONS ITEMS UNDER $5 MILLION | 16,307 | 30,607 | +14,300 |
| Q-70 Based IT-21 Advanced Tactical Servers (Note: Only for procurement of AN/UYQ-70 advanced tactical servers to to support the IT-21 Block 1 Upgrade Program.) | | | +9,000 |
| AN/UYQ-70 Secure Voice System Hardware for Surface Ships | | | +5,300 |
| 76 SUBMARINE COMMUNICATION EQUIPMENT | 132,874 | 127,874 | -5,000 |
| Installations costs | | | -5,000 |
| 77 SATELLITE COMMUNICATIONS SYSTEMS | 149,636 | 156,136 | +6,500 |
| Mini-DAMA (Sub/Ships) | | | +6,500 |
| 81 JEDMICS | 0 | 14,000 | +14,000 |
| JEDMICS (Note: Only for the continued procurement and integration of the same security solution implemented in the previous fiscal year, and its extension into other logistics processes.) | | | +7,000 |
| JEDMICS (Note: Only to procure and deploy to PACOM the Type I version of the network security solution previously evaluated at the B2 level of trust for use in U.S. military and coalition networks.) | | | +7,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 83 INFO SYSTEMS SECURITY PROGRAM (ISSP) | 78,473 | 89,873 | +11,400 |
| Secure Wireless Communications Eq. - Transfer from DERF | | | 3,000 |
| Computer Network Defense - Transfer from DERF | | | 4,600 |
| Enclave Boundaries - Transfer from DERF | | | 2,000 |
| Intrusion Detection System - Transfer from DERF | | | 1,800 |
| 85 CRYPTOLOGIC COMMUNICATIONS EQUIP | 18,659 | 24,159 | +5,500 |
| Cryptological Direct Support -Transfer from DERF | | | 1,500 |
| Secure Terminal Equipment | | | 4,000 |
| 86 COAST GUARD EQUIPMENT | 39,789 | 43,789 | +4,000 |
| Night Vision Devices - Transfer from DERF | | | 4,000 |
| 95 AVIATION LIFE SUPPORT | 25,676 | 29,676 | +4,000 |
| Universal Water Activated Relase System | | | +4,000 |
| 98 OTHER AVIATION SUPPORT EQUIPMENT | 12,440 | 14,440 | +2,000 |
| Resource Allocation Management Plan (RAMP) | | | +2,000 |
| 99 GUN FIRE CONTROL EQUIPMENT | 27,108 | 36,108 | +9,000 |
| (Note: Only to accelerate the deployment of the AN/SPQ-9B self-protection radar to DDG-51 destroyers) | | | +9,000 |
| 104 AEGIS SUPPORT EQUIPMENT | 155,654 | 169,154 | +13,500 |
| Wireless Access Points for Aegis Ships (Note: Only to deploy the All-in-One Wireless Access Point ship alteration on CG-47 ships.) | | | +3,500 |
| AEGIS Surface Combatant Integrated Bridge System | | | +3,000 |
| Aegis Computer Center (Note: Only for replacement of obsolete NTDS interface boards and emulators with | | | |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| current technology and low cost commercial equipment.) | | | +3,000 |
| Machinery and Damage Control System Computing Replacement Equipment | | | +4,000 |
| 122 CONSTRUCTION & MAINTENANCE EQUIP | 9,113 | 15,113 | +6,000 |
| Laser Leveling Systems | | | +1,000 |
| Earthmoving Equipment | | | +5,000 |
| 133 TRAINING SUPPORT EQUIPMENT | 707 | 13,707 | +13,000 |
| Trident Sonar Manuals - Data Management and Conversion | | | +5,000 |
| Technical Data Knowledge Management in an Integrated Data Environment (TDKE-IDE) | | | +8,000 |
| 134 COMMAND SUPPORT EQUIPMENT | 34,770 | 46,770 | +12,000 |
| Man Overboard Indicator (MOBI) (Note: The Committee directs the Navy to immediately begin procuring and installing MOBI Systems fleet-wide with appropriated fiscal year 2002 funds.) | | | +8,000 |
| USNR Information Infrastructure Continuity of Operations | | | +3,000 |
| Advanced Technical Information Support (ATIS) | | | +1,000 |
| 136 MEDICAL SUPPORT EQUIPMENT | 9,145 | 12,645 | +3,500 |
| Dendrimer Nanotechnology Research Laboratory | | | +3,500 |
| 137 INTELLIGENCE SUPPORT EQUIPMENT | 26,564 | 36,564 | +10,000 |
| Transfer from DERF | | | 4,000 |
| Transfer from DERF | | | 6,000 |
| 138 OPERATING FORCES SUPPORT EQUIPMENT | 16,505 | 16,505 | |
| 139 MOBILE SENSOR PLATFORM | 5,946 | 10,446 | +4,500 |
| AN / TSQ-108 V(3) Upgrades | | | +4,500 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 141 PHYSICAL SECURITY EQUIPMENT | 81,721 | 176,204 | +94,483 |
| Transfer from DERF | | | 14,000 |
| Transfer from DERF | | | 4,000 |
| Transfer from DERF | | | 76,483 |

PROGRAM RECOMMENDED

The total recommended in the bill will provide the following program in fiscal year 2003.

(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 | | | | | | |
| LM-2500 GAS TURBINE | --- | 9,402 | --- | 9,402 | --- | --- |
| ALLISON 501K GAS TURBINE | --- | 13,710 | --- | 13,710 | --- | --- |
| PROPELLERS | | | | | | |
| SUBMARINE PROPELLERS | --- | 10,641 | --- | 4,241 | --- | -6,400 |
| NAVIGATION EQUIPMENT | | | | | | |
| OTHER NAVIGATION EQUIPMENT | --- | 25,828 | --- | 25,828 | --- | --- |
| UNDERWAY REPLENISHMENT EQUIPMENT | | | | | | |
| UNDERWAY REPLENISHMENT EQUIPMENT | --- | 1,460 | --- | 1,460 | --- | --- |
| PERISCOPES | | | | | | |
| SUB PERISCOPES & IMAGING EQUIP | --- | 31,401 | --- | 31,401 | --- | --- |
| OTHER SHIPBOARD EQUIPMENT | | | | | | |
| FIREFIGHTING EQUIPMENT | --- | 21,534 | --- | 21,534 | --- | --- |
| COMMAND AND CONTROL SWITCHBOARD | --- | 7,377 | --- | 7,377 | --- | --- |
| POLLUTION CONTROL EQUIPMENT | --- | 67,502 | --- | 67,502 | --- | --- |
| SUBMARINE SUPPORT EQUIPMENT | --- | 18,195 | --- | 18,195 | --- | --- |
| SUBMARINE BATTERIES | --- | 13,996 | --- | 13,996 | --- | --- |
| STRATEGIC PLATFORM SUPPORT EQUIP | --- | 26,692 | --- | 41,692 | --- | +15,000 |
| DSSP EQUIPMENT | --- | 21,215 | --- | 21,215 | --- | --- |
| LCAC | --- | 5,105 | --- | 5,105 | --- | --- |
| MINESWEEPING EQUIPMENT | --- | 3,865 | --- | 3,865 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 123,449 | --- | 142,449 | --- | +19,000 |
| SUBMARINE LIFE SUPPORT SYSTEM | --- | 3,675 | --- | 3,675 | --- | --- |
| REACTOR PLANT EQUIPMENT | | | | | | |
| REACTOR POWER UNITS | --- | 336,500 | --- | 336,500 | --- | --- |
| REACTOR COMPONENTS | --- | 211,020 | --- | 211,020 | --- | --- |
| OCEAN ENGINEERING | | | | | | |
| DIVING AND SALVAGE EQUIPMENT | --- | 7,726 | --- | 7,726 | --- | --- |
| SMALL BOATS | | | | | | |
| STANDARD BOATS | --- | 33,832 | --- | 35,832 | --- | +2,000 |
| TRAINING EQUIPMENT | | | | | | |
| OTHER SHIPS TRAINING EQUIPMENT | --- | 1,799 | --- | 1,799 | --- | --- |
| PRODUCTION FACILITIES EQUIPMENT | | | | | | |
| OPERATING FORCES IPE | --- | 17,134 | --- | 21,134 | --- | +4,000 |
| OTHER SHIP SUPPORT | | | | | | |
| NUCLEAR ALTERATIONS | --- | 128,543 | --- | 128,543 | --- | --- |
| TOTAL, SHIPS SUPPORT EQUIPMENT | | 1,141,601 | | 1,175,201 | | +33,600 |
| COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| SHIP RADARS | | | | | | |
| RADAR SUPPORT | --- | --- | --- | 10,000 | --- | +10,000 |
| SHIP SONARS | | | | | | |
| AN/SQQ-89 SURF ASW COMBAT SYSTEM | --- | 24,247 | --- | 24,247 | --- | --- |
| SSN ACOUSTICS | --- | 251,909 | --- | 231,009 | --- | -20,900 |
| UNDERSEA WARFARE SUPPORT EQUIPMENT | --- | 3,775 | --- | 15,275 | --- | +11,500 |
| SONAR SWITCHES AND TRANSDUCERS | --- | 16,348 | --- | 16,348 | --- | --- |
| ASW ELECTRONIC EQUIPMENT | | | | | | |
| SUBMARINE ACOUSTIC WARFARE SYSTEM | --- | 21,686 | --- | 24,686 | --- | +3,000 |
| FIXED SURVEILLANCE SYSTEM | --- | 62,090 | --- | 62,090 | --- | --- |
| SURTASS | --- | 20,639 | --- | 20,639 | --- | --- |
| ASW OPERATIONS CENTER | --- | 5,109 | --- | 5,109 | --- | --- |
| ELECTRONIC WARFARE EQUIPMENT | | | | | | |
| AN/SLQ-32 | --- | 1,856 | --- | 1,856 | --- | --- |
| AIEWS | --- | 15,808 | --- | --- | --- | -15,808 |
| INFORMATION WARFARE SYSTEMS | --- | 5,158 | --- | 7,158 | --- | +2,000 |
| RECONNAISSANCE EQUIPMENT | | | | | | |
| SHIPBOARD IW EXPLOIT | --- | 77,066 | --- | 87,066 | --- | +10,000 |
| SUBMARINE SURVEILLANCE EQUIPMENT | | | | | | |
| SUBMARINE SUPPORT EQUIPMENT PROG | --- | 89,508 | --- | 89,508 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER SHIP ELECTRONIC EQUIPMENT | | | | | | |
| NAVY TACTICAL DATA SYSTEM | --- | --- | --- | 9,000 | --- | +9,000 |
| COOPERATIVE ENGAGEMENT CAPABILITY | --- | 66,736 | --- | 74,736 | --- | +8,000 |
| GCCS-M EQUIPMENT | --- | 55,188 | --- | 55,188 | --- | --- |
| NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) | --- | 46,818 | --- | 46,818 | --- | --- |
| ATDLS | --- | 7,608 | --- | 7,608 | --- | --- |
| MINESWEEPING SYSTEM REPLACEMENT | --- | 1,974 | --- | 1,974 | --- | --- |
| NAVSTAR GPS RECEIVERS (SPACE) | --- | 11,402 | --- | 11,402 | --- | --- |
| ARMED FORCES RADIO AND TV | --- | 4,186 | --- | 4,186 | --- | --- |
| STRATEGIC PLATFORM SUPPORT EQUIP | --- | 21,353 | --- | 21,353 | --- | --- |
| TRAINING EQUIPMENT | | | | | | |
| OTHER SPAWAR TRAINING EQUIPMENT | --- | 1,001 | --- | 1,001 | --- | --- |
| OTHER TRAINING EQUIPMENT | --- | 15,430 | --- | 15,430 | --- | --- |
| AVIATION ELECTRONIC EQUIPMENT | | | | | | |
| MATCALS | --- | 14,318 | --- | 14,318 | --- | --- |
| SHIPBOARD AIR TRAFFIC CONTROL | --- | 7,815 | --- | 7,815 | --- | --- |
| AUTOMATIC CARRIER LANDING SYSTEM | --- | 17,447 | --- | 17,447 | --- | --- |
| NATIONAL AIR SPACE SYSTEM | --- | 20,000 | --- | 20,000 | --- | --- |
| AIR STATION SUPPORT EQUIPMENT | --- | 7,012 | --- | 7,012 | --- | --- |
| FACSFAC | --- | 4,356 | --- | 4,356 | --- | --- |
| ID SYSTEMS | --- | 32,633 | --- | 31,833 | --- | -800 |
| TAC A/C MISSION PLANNING SYS(TAMPS) | --- | 6,597 | --- | 6,597 | --- | --- |
| OTHER SHORE ELECTRONIC EQUIPMENT | | | | | | |
| NAVAL SPACE SURVEILLANCE SYSTEM | --- | 2,062 | --- | 2,062 | --- | --- |
| DIMHRS | --- | 4,675 | --- | 4,675 | --- | --- |
| COMMON IMAGERY GROUND SURFACE SYSTEMS | --- | 52,432 | --- | 52,432 | --- | --- |
| RADIAC | --- | 8,015 | --- | 8,015 | --- | --- |
| GPETE | --- | 6,700 | --- | 6,700 | --- | --- |
| INTEG COMBAT SYSTEM TEST FACILITY | --- | 4,498 | --- | 8,498 | --- | +4,000 |
| EMI CONTROL INSTRUMENTATION | --- | 5,409 | --- | 5,409 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 9,037 | --- | 13,037 | --- | +4,000 |
| SHIPBOARD COMMUNICATIONS | | | | | | |
| SHIP COMMUNICATIONS AUTOMATION | --- | 161,235 | --- | 165,235 | --- | +4,000 |
| COMMUNICATIONS ITEMS UNDER $5 MILLION | --- | 16,307 | --- | 30,607 | --- | +14,300 |
| SUBMARINE COMMUNICATIONS | | | | | | |
| SHORE LF/VLF COMMUNICATIONS | --- | 5,427 | --- | 5,427 | --- | --- |
| SUBMARINE COMMUNICATION EQUIPMENT | --- | 132,874 | --- | 127,874 | --- | -5,000 |
| SATELLITE COMMUNICATIONS | | | | | | |
| SATELLITE COMMUNICATIONS SYSTEMS | --- | 149,636 | --- | 156,136 | --- | +6,500 |
| SHORE COMMUNICATIONS | | | | | | |
| JCS COMMUNICATIONS EQUIPMENT | --- | 4,256 | --- | 4,256 | --- | --- |
| ELECTRICAL POWER SYSTEMS | --- | 1,270 | --- | 1,270 | --- | --- |
| NSIPS | --- | 12,281 | --- | 12,281 | --- | --- |
| JEDMICS | --- | --- | --- | 14,000 | --- | +14,000 |
| NAVAL SHORE COMMUNICATIONS | --- | 96,592 | --- | 96,592 | --- | --- |
| CRYPTOGRAPHIC EQUIPMENT | | | | | | |
| INFO SYSTEMS SECURITY PROGRAM (ISSP) | --- | 78,473 | --- | 89,873 | --- | +11,400 |
| CRYPTOLOGIC EQUIPMENT | | | | | | |
| CRYPTOLOGIC COMMUNICATIONS EQUIP | --- | 18,659 | --- | 24,159 | --- | +5,500 |
| OTHER ELECTRONIC SUPPORT | | | | | | |
| COAST GUARD EQUIPMENT | --- | 39,789 | --- | 43,789 | --- | +4,000 |
| TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | 1,746,700 | | 1,825,392 | | +78,692 |
| AVIATION SUPPORT EQUIPMENT | | | | | | |
| SONOBUOYS | | | | | | |
| SONOBUOYS - ALL TYPES | --- | 63,277 | --- | 63,277 | --- | --- |
| AIRCRAFT SUPPORT EQUIPMENT | | | | | | |
| WEAPONS RANGE SUPPORT EQUIPMENT | --- | 7,733 | --- | 7,733 | --- | --- |
| EXPEDITIONARY AIRFIELDS | --- | 7,540 | --- | 7,540 | --- | --- |
| AIRCRAFT REARMING EQUIPMENT | --- | 11,894 | --- | 11,894 | --- | --- |
| AIRCRAFT LAUNCH & RECOVERY EQUIPMENT | --- | 19,355 | --- | 19,355 | --- | --- |
| METEOROLOGICAL EQUIPMENT | --- | 27,085 | --- | 27,085 | --- | --- |
| OTHER PHOTOGRAPHIC EQUIPMENT | --- | 1,572 | --- | 1,572 | --- | --- |
| AVIATION LIFE SUPPORT | --- | 25,676 | --- | 29,676 | --- | +4,000 |
| AIRBORNE MINE COUNTERMEASURES | --- | 19,499 | --- | 19,499 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| LAMPS MK III SHIPBOARD EQUIPMENT | --- | 5,488 | --- | 5,488 | --- | --- |
| OTHER AVIATION SUPPORT EQUIPMENT | --- | 12,440 | --- | 14,440 | --- | +2,000 |
| TOTAL, AVIATION SUPPORT EQUIPMENT | | 201,559 | | 207,559 | | +6,000 |
| ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| SHIP GUN SYSTEM EQUIPMENT | | | | | | |
| GUN FIRE CONTROL EQUIPMENT | --- | 27,108 | --- | 36,108 | --- | +9,000 |
| NAVAL FIRES CONTROL SYSTEM | --- | 5,690 | --- | 5,690 | --- | --- |
| SHIP MISSILE SYSTEMS EQUIPMENT | | | | | | |
| NATO SEASPARROW | --- | 41,408 | --- | 41,408 | --- | --- |
| RAM GMLS | --- | 23,893 | --- | 23,893 | --- | --- |
| SHIP SELF DEFENSE SYSTEM | --- | 47,226 | --- | 47,226 | --- | --- |
| AEGIS SUPPORT EQUIPMENT | --- | 155,654 | --- | 169,154 | --- | +13,500 |
| SURFACE TOMAHAWK SUPPORT EQUIPMENT | --- | 53,614 | --- | 53,614 | --- | --- |
| SUBMARINE TOMAHAWK SUPPORT EQUIP | --- | 5,262 | --- | 5,262 | --- | --- |
| VERTICAL LAUNCH SYSTEMS | --- | 6,483 | --- | 6,483 | --- | --- |
| FBM SUPPORT EQUIPMENT | | | | | | |
| STRATEGIC MISSILE SYSTEMS EQUIP | --- | 75,006 | --- | 75,006 | --- | --- |
| ASW SUPPORT EQUIPMENT | | | | | | |
| SSN COMBAT CONTROL SYSTEMS | --- | 46,319 | --- | 46,319 | --- | --- |
| SUBMARINE ASW SUPPORT EQUIPMENT | --- | 7,538 | --- | 7,538 | --- | --- |
| SURFACE ASW SUPPORT EQUIPMENT | --- | 3,460 | --- | 3,460 | --- | --- |
| ASW RANGE SUPPORT EQUIPMENT | --- | 7,350 | --- | 7,350 | --- | --- |
| OTHER ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| EXPLOSIVE ORDNANCE DISPOSAL EQUIP | --- | 7,806 | --- | 7,806 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 3,770 | --- | 3,770 | --- | --- |
| OTHER EXPENDABLE ORDNANCE | | | | | | |
| ANTI-SHIP MISSILE DECOY SYSTEM | --- | 27,976 | --- | 27,976 | --- | --- |
| SURFACE TRAINING DEVICE MODS | --- | 6,557 | --- | 6,557 | --- | --- |
| SUBMARINE TRAINING DEVICE MODS | --- | 17,264 | --- | 17,264 | --- | --- |
| TOTAL, ORDNANCE SUPPORT EQUIPMENT | | 569,384 | | 591,884 | | +22,500 |
| CIVIL ENGINEERING SUPPORT EQUIPMENT | | | | | | |
| ARMORED SEDANS | --- | 481 | --- | 481 | --- | --- |
| PASSENGER CARRYING VEHICLES | --- | 2,538 | --- | 2,538 | --- | --- |
| GENERAL PURPOSE TRUCKS | --- | 1,972 | --- | 1,972 | --- | --- |
| CONSTRUCTION & MAINTENANCE EQUIP | --- | 9,113 | --- | 15,113 | --- | +6,000 |
| FIRE FIGHTING EQUIPMENT | --- | 6,284 | --- | 6,284 | --- | --- |
| TACTICAL VEHICLES | --- | 42,238 | --- | 42,238 | --- | --- |
| AMPHIBIOUS EQUIPMENT | --- | 47,193 | --- | 47,193 | --- | --- |
| POLLUTION CONTROL EQUIPMENT | --- | 20,734 | --- | 20,734 | --- | --- |
| ITEMS UNDER $5 MILLION | --- | 14,963 | --- | 14,963 | --- | --- |
| TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT | | 145,516 | | 151,516 | | +6,000 |
| SUPPLY SUPPORT EQUIPMENT | | | | | | |
| MATERIALS HANDLING EQUIPMENT | --- | 9,504 | --- | 9,504 | --- | --- |
| OTHER SUPPLY SUPPORT EQUIPMENT | --- | 10,959 | --- | 10,959 | --- | --- |
| FIRST DESTINATION TRANSPORTATION | --- | 5,053 | --- | 5,053 | --- | --- |
| SPECIAL PURPOSE SUPPLY SYSTEMS | --- | 141,431 | --- | 141,431 | --- | --- |
| TOTAL, SUPPLY SUPPORT EQUIPMENT | | 166,947 | | 166,947 | | --- |
| PERSONNEL AND COMMAND SUPPORT EQUIPMENT | | | | | | |
| TRAINING DEVICES | | | | | | |
| TRAINING SUPPORT EQUIPMENT | --- | 707 | --- | 13,707 | --- | +13,000 |
| COMMAND SUPPORT EQUIPMENT | | | | | | |
| COMMAND SUPPORT EQUIPMENT | --- | 34,770 | --- | 46,770 | --- | +12,000 |
| EDUCATION SUPPORT EQUIPMENT | --- | 7,095 | --- | 7,095 | --- | --- |
| MEDICAL SUPPORT EQUIPMENT | --- | 9,145 | --- | 12,645 | --- | +3,500 |
| INTELLIGENCE SUPPORT EQUIPMENT | --- | 26,564 | --- | 36,564 | --- | +10,000 |
| OPERATING FORCES SUPPORT EQUIPMENT | --- | 16,505 | --- | 16,505 | --- | --- |
| MOBILE SENSOR PLATFORM | --- | 5,946 | --- | 10,446 | --- | +4,500 |
| ENVIRONMENTAL SUPPORT EQUIPMENT | --- | 19,978 | --- | 19,978 | --- | --- |
| PHYSICAL SECURITY EQUIPMENT | --- | 81,721 | --- | 176,204 | --- | +94,483 |
| TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT | | 202,431 | | 339,914 | | +137,483 |
| SPARES AND REPAIR PARTS | --- | 172,886 | --- | 172,886 | --- | --- |
| TOTAL, OTHER PROCUREMENT, NAVY | | 4,347,024 | | 4,631,299 | | +284,275 |

## PROCUREMENT, MARINE CORPS

| | |
|---|---|
| Fiscal year 2002 appropriation | $995,442,000 |
| Fiscal year 2003 budget request | 1,288,383,000 |
| Committee recommendation | 1,369,383,000 |
| Change from budget request | +81,000,000 |

This appropriation funds the procurement, delivery, and modification of missiles, armaments, communication equipment, tracked and wheeled vehicles, and various support equipment.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 19 AUTO TEST EQUIP SYS | 894 | 6,894 | +6,000 |
| Third Echelon Test System (TETS) (note: only to procure RF/electro optical TETS systems and associated Test Program Sets to facilitate consolidation of Marine Corps automatic test equipment into a single advanced test system platform) | | | +6,000 |
| 21 INTELLIGENCE SUPPORT EQUIPMENT | 18,526 | 38,126 | +19,600 |
| Intelligence Support Equipment--Transfer from DERF | | | +19,600 |
| 22 MOD KITS (INTEL) | 2,570 | 11,370 | +8,800 |
| MOD Kits (Intell)--Transfer from DERF | | | +8,800 |
| 23 ITEMS UNDER $5 MILLION (INTELL) | 1,843 | 4,243 | +2,400 |
| Items Under $5 million (Intell)--Transfer from DERF | | | +2,400 |
| 26 ITEMS UNDER $5 MILLION (COMM & ELEC) | 16,097 | 18,597 | +2,500 |
| Items Under $5 million (Comm & Elec)--Transfer from DERF | | | +2,500 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 29 RADIO SYSTEMS | 25,528 | 32,528 | +7,000 |
| Tactical Hand Held Radio (THHR) | | | +4,000 |
| Lightweight Multi-Band Satellite Terminal (LMST) (Note: only to initiate the acquisition and fielding of additional terminals in support of Marine expeditionary Forces (MEF)) | | | +3,000 |
| 31 COMM & ELEC INFRASTRUCTURE SUPPORT | 16,426 | 28,026 | +11,600 |
| Comm & Elec Infrastructure Support--Transfer from DERF | | | +4,600 |
| USMC Continuity of Operations | | | +7,000 |
| 32 MOD KITS MAGTF C41 | 31,470 | 34,470 | +3,000 |
| MOD Kits MAGTF C4I--Transfer from DERF | | | +3,000 |
| 40 ITEMS LESS THAN $5 MILLION | 3,534 | 6,034 | +2,500 |
| Single Battlefield Fuel Motorcycle (Note: only to upgrade USMC motorcycles to incorporate JP-8/Diesel "single battlefield fuel" engines.) | | | +2,500 |
| 43 TACTICAL FUEL SYSTEMS | 2,048 | 4,048 | +2,000 |
| Newly Developed Fast Fuel System | | | +2,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 48 PHYSICAL SECURITY EQUIPMENT | 8,804 | 12,404 | +3,600 |
| Physical Security Equipment--Transfer from DERF | | | +3,600 |
| 50 MATERIAL HANDLING EQUIP | 52,503 | 56,503 | +4,000 |
| Extendable Boom Forklift Program | | | +4,000 |
| 55 FAMILY OF CONSTRUCTION EQUIPMENT | 14,709 | 17,709 | +3,000 |
| Graders, Winches, and Rippers--Service Life Extension Program (SLEP) | | | +3,000 |
| 58 ITEMS LESS THAN $5 MILLION | 5,772 | 10,772 | +5,000 |
| USMC Batteries | | | +5,000 |

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| AAV7A1 PIP | 85 | 62,991 | 85 | 62,991 | --- | --- |
| AAAV | 1 | 14,718 | 1 | 14,718 | --- | --- |
| LAV PIP | --- | 53,166 | --- | 53,166 | --- | --- |
| IMPROVED RECOVERY VEHICLE (IRV) | --- | 4,179 | --- | 4,179 | --- | --- |
| MODIFICATION KITS (TRKD VEH) | --- | 3,297 | --- | 3,297 | --- | --- |
| ARTILLERY AND OTHER WEAPONS | | | | | | |
| HIMARS | 2 | 7,869 | 2 | 7,869 | --- | --- |
| 155MM LIGHTWEIGHT TOWED HOWITZER | 34 | 62,643 | 34 | 62,643 | --- | --- |
| MOD KITS (ARTILLERY) | --- | 4,890 | --- | 4,890 | --- | --- |
| MARINE ENHANCEMENT PROGRAM | --- | 8,145 | --- | 8,145 | --- | --- |
| WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION | --- | 312 | --- | 312 | --- | --- |
| WEAPONS | | | | | | |
| MODULAR WEAPON SYSTEM | --- | 24,352 | --- | 24,352 | --- | --- |
| OTHER SUPPORT | | | | | | |
| OPERATIONS OTHER THAN WAR | --- | 1,531 | --- | 1,531 | --- | --- |
| TOTAL, WEAPONS AND COMBAT VEHICLES | | 248,093 | | 248,093 | | --- |
| GUIDED MISSILES AND EQUIPMENT | | | | | | |
| GUIDED MISSILES | | | | | | |
| EADS MOD | --- | 184 | --- | 184 | --- | --- |
| JAVELIN | --- | 1,049 | --- | 1,049 | --- | --- |
| PEDESTAL MOUNTED STINGER (PMS) (MYP) | --- | 1,565 | --- | 1,565 | --- | --- |
| PREDATOR (SRAW) | 445 | 36,484 | 445 | 36,484 | --- | --- |
| OTHER SUPPORT | | | | | | |
| MODIFICATION KITS | --- | 7,967 | --- | 7,967 | --- | --- |
| TOTAL, GUIDED MISSILES AND EQUIPMENT | | 47,249 | | 47,249 | | --- |
| COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| REPAIR AND TEST EQUIPMENT | | | | | | |
| AUTO TEST EQUIP SYS | --- | 894 | --- | 6,894 | --- | +6,000 |
| GENERAL PURPOSE ELECTRONIC TEST EQUIP | --- | 8,324 | --- | 8,324 | --- | --- |
| INTELL/COMM EQUIPMENT (NON-TEL) | | | | | | |
| INTELLIGENCE SUPPORT EQUIPMENT | --- | 18,526 | --- | 38,126 | --- | +19,600 |
| MOD KITS (INTEL) | --- | 2,570 | --- | 11,370 | --- | +8,800 |
| ITEMS UNDER $5 MILLION (INTELL) | --- | 1,843 | --- | 4,243 | --- | +2,400 |
| REPAIR AND TEST EQUIPMENT (NON-TEL) | | | | | | |
| GENERAL PURPOSE MECHANICAL TMDE | --- | 4,565 | --- | 4,565 | --- | --- |
| OTHER COMM/ELEC EQUIPMENT (NON-TEL) | | | | | | |
| NIGHT VISION EQUIPMENT | --- | 23,204 | --- | 23,204 | --- | --- |
| OTHER SUPPORT (NON-TEL) | | | | | | |
| ITEMS UNDER $5 MILLION (COMM & ELEC) | --- | 16,097 | --- | 18,597 | --- | +2,500 |
| DERF- OEF C4I SUPPORT / TRANSFER to H.R. 4547 | | | | | | |
| COMMON COMPUTER RESOURCES | --- | 38,974 | --- | 38,974 | --- | --- |
| COMMAND POST SYSTEMS | --- | 33,512 | --- | 33,512 | --- | --- |
| RADIO SYSTEMS | --- | 25,528 | --- | 32,528 | --- | +7,000 |
| COMM SWITCHING & CONTROL SYSTEMS | --- | 3,974 | --- | 3,974 | --- | --- |
| COMM & ELEC INFRASTRUCTURE SUPPORT | --- | 16,426 | --- | 28,026 | --- | +11,600 |
| MOD KITS MAGTF C41 | --- | 31,470 | --- | 34,470 | --- | +3,000 |
| AIR OPERATIONS C2 SYSTEMS | --- | 6,525 | --- | 6,525 | --- | --- |
| INTELLIGENCE C2 SYSTEMS | --- | 22,362 | --- | 22,362 | --- | --- |
| FIRE SUPPORT SYSTEM | --- | 34,855 | --- | 34,855 | --- | --- |
| TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | 289,649 | | 350,549 | | +60,900 |
| SUPPORT VEHICLES | | | | | | |
| ADMINISTRATIVE VEHICLES | | | | | | |
| COMMERCIAL PASSENGER VEHICLES | 28 | 861 | 28 | 861 | --- | --- |
| COMMERCIAL CARGO VEHICLES | --- | 13,123 | --- | 13,123 | --- | --- |
| TACTICAL VEHICLES | | | | | | |
| 5/4T TRUCK HMMWV (MYP) | 1,667 | 118,414 | 1,667 | 118,414 | --- | --- |
| MEDIUM TACTICAL VEHICLE REPLACEMENT | 1,405 | 347,578 | 1,405 | 347,578 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER SUPPORT | | | | | | |
| ITEMS LESS THAN $5 MILLION | --- | 3,534 | --- | 6,034 | --- | +2,500 |
| TOTAL, SUPPORT VEHICLES | | 483,510 | | 486,010 | | +2,500 |
| ENGINEER AND OTHER EQUIPMENT | | | | | | |
| ENGINEER AND OTHER EQUIPMENT | | | | | | |
| ENVIRONMENTAL CONTROL EQUIP ASSORT | --- | 2,709 | --- | 2,709 | --- | --- |
| BULK LIQUID EQUIPMENT | --- | 10,261 | --- | 10,261 | --- | --- |
| TACTICAL FUEL SYSTEMS | --- | 2,048 | --- | 4,048 | --- | +2,000 |
| POWER EQUIPMENT ASSORTED | --- | 8,898 | --- | 8,898 | --- | --- |
| MATERIALS HANDLING EQUIPMENT | | | | | | |
| AMPHIBIOUS RAID EQUIPMENT | --- | 22,295 | --- | 22,295 | --- | --- |
| PHYSICAL SECURITY EQUIPMENT | --- | 8,804 | --- | 12,404 | --- | +3,600 |
| GARRISON MOBILE ENGR EQUIP | --- | 2,608 | --- | 2,608 | --- | --- |
| MATERIAL HANDLING EQUIP | --- | 52,503 | --- | 56,503 | --- | +4,000 |
| FIRST DESTINATION TRANSPORTATION | --- | 8,221 | --- | 8,221 | --- | --- |
| GENERAL PROPERTY | | | | | | |
| FIELD MEDICAL EQUIPMENT | --- | 10,452 | --- | 10,452 | --- | --- |
| TRAINING DEVICES | --- | 18,651 | --- | 18,651 | --- | --- |
| CONTAINER FAMILY | --- | 7,120 | --- | 7,120 | --- | --- |
| FAMILY OF CONSTRUCTION EQUIPMENT | --- | 14,709 | --- | 17,709 | --- | +3,000 |
| RAPID DEPLOYABLE KITCHEN | --- | 21,505 | --- | 21,505 | --- | --- |
| OTHER SUPPORT | | | | | | |
| ITEMS LESS THAN $5 MILLION | --- | 5,772 | --- | 10,772 | --- | +5,000 |
| TOTAL, ENGINEER AND OTHER EQUIPMENT | | 196,556 | | 214,156 | | +17,600 |
| SPARES AND REPAIR PARTS | --- | 23,326 | --- | 23,326 | --- | --- |
| TOTAL, PROCUREMENT, MARINE CORPS | | 1,288,383 | | 1,369,383 | | +81,000 |

## AIRCRAFT PROCUREMENT, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $10,567,038,000 |
| Fiscal year 2003 budget request | 12,067,405,000 |
| Committee recommendation | 12,492,730,000 |
| Change from budget request | +425,325,000 |

This appropriation provides for the procurement of aircraft, and for modification of in-service aircraft to improve safety and enhance operational effectiveness. It also provides for initial spares and other support equipment to include aerospace ground equipment and industrial facilities. In addition, funds are provided for the procurement of flight training simulators to increase combat readiness and to provide for more economical training.

### COMMITTEE RECOMMENDATIONS

#### EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 7 | C-17 ICS | 612,452 | 621,952 | +9,500 |
| | Aircraft Engine Trainer for the ANG | | | +9,500 |
| 9 | C-130H | 18,672 | 23,672 | +5,000 |
| | H2 Simulator / Air Force Reserve | | | +5,000 |
| 15 | CIVIL AIR PATROL A/C | 2,616 | 10,616 | +8,000 |
| | CAP Modernization Program | | | +8,000 |
| 21 | HAEUAV | 63,861 | 128,861 | +65,000 |
| | Global Hawk UAV - Transfer from DERF | | | +65,000 |
| 22 | HAEUAV (AP-CY) | 41,000 | 32,625 | -8,375 |
| | Use available FY02 advanced procurement | | | -8,375 |
| 23 | PREDATOR UAV | 23,068 | 131,068 | +108,000 |
| | Predator A - Transfer from DERF | | | +68,000 |
| | Predator Equipment - Transfer from DERF | | | +14,000 |
| | Predator B (Note: Only for acquisition of an additional six Predator B aircraft including spare parts.) | | | +26,000 |
| 24 | B-2A | 72,123 | 104,123 | +32,000 |
| | UHF SATCOM | | | +25,200 |
| | Low Observable Improvements | | | +6,800 |

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 29 | F-15 | 232,500 | 259,900 | +27,400 |
| | F-15 Engine Upgrades - E- Kits | | | +5,000 |
| | BOL-515 IR Countermeasures Dispensers | | | +3,400 |
| | Signal Data Recorder Set | | | +1,000 |
| | ALQ-135 Band 1.5 Jammers | | | +10,000 |
| | Joint Helmet Mounted Cueing System for the ANG | | | +8,000 |
| 30 | F-16 | 265,007 | 269,007 | +4,000 |
| | Tactical Airborne Reconnaissance System (TARS) (Note: Only to upgrade TARS pods operated by the Air National Guard.) | | | +4,000 |
| 33 | C-5 | 86,008 | 59,408 | -26,600 |
| | Avionics Modernization Program (Transfer to RDTE) | | | -26,600 |
| 40 | T-38 | 168,112 | 176,112 | +8,000 |
| | T-38 Ejection Seats | | | +8,000 |
| 47 | VC-25A MOD | 12,171 | 80,171 | +68,000 |
| | Passenger Data System - Transfer from DERF | | | +68,000 |
| 48 | C-130 | 138,533 | 155,633 | +17,100 |
| | Terrain Awareness and Warning System | | | +2,000 |
| | Modular Airborne Firefighting System for ANG (Note: Only to complete AFFS procurement for Western States Firefighting Missions.) | | | +5,600 |
| | AN/AAQ-24 DIRCM for C-130H ANG Counterdrug Aircraft | | | +9,500 |

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 49 | C-135 | 108,670 | 197,670 | +89,000 |
| | Air Refueling - Transfer from DERF | | | +89,000 |
| 50 | DARP | 150,123 | 139,423 | -10,700 |
| | Rivet Joint QRC Sustainment - Transfer from DERF | | | +1,000 |
| | U-2 Airframe Repairs - Transfer from DERF | | | +5,000 |
| | Duplicates QRC funding provided in supplemental | | | -15,700 |
| | Rivet Joint QRC Sustainment | | | -1,000 |
| 59 | INDUSTRIAL FACILITIES | 275,982 | 283,982 | +8,000 |
| | Predator 3rd Squadron Initial Spares - Transfer from DERF | | | +8,000 |
| 71 | MISC PRODUCTION CHARGES | 349,516 | 361,516 | +12,000 |
| | Classified - Transfer from DERF | | | +12,000 |
| 74 | DARP | 83,751 | 93,751 | +10,000 |
| | U-2 Systems - Transfer from DERF | | | +10,000 |

F–22 RAPTOR

Since the submission of the fiscal year 2002 President's budget, the total program cost of the F–22 Raptor has increased by $5,957,000,000. The expected start date for Dedicated Initial Operational Test and Evaluation (DIOT&E) has formally slipped by eight months even after 31 percent of the test points remaining before DIOT&E were dropped or deferred. In production, aircraft 4008 and 4009 were delivered, on average, 12 months behind schedule.

Despite these schedule delays, the fiscal year 2003 budget request recommends increasing the production of F–22s from 13 planes in fiscal year 2002 to 23 planes in fiscal year 2003. Because of the risk of costly retrofits, increasing the number of planes purchased before the completion of operational testing adds significant risk, and potentially significant cost, to the program. Overlapping operational testing and developmental testing further increases program risk. The DoD Directive 5000 series recommends that the number of planes purchased in Low Rate Initial Production (LRIP) be held below 10 percent of the total production quantity. The Air Force's current proposal for the F–22 would purchase in LRIP one-third of its total production quantity.

If the F–22 program stays on its latest schedule and begins DIOT&E in April of 2003, 17 percent of its total buy will be ordered before DIOT&E even begins. However, over the nine month period from June of last year to March of this year, the Air Force projected it would "burn down" about 3,000 flight science test points. In execution, the Air Force actually "burned down" less than half that many. At this rate of progress, the General Accounting Office estimates that the Air Force will be ready to begin DIOT&E in March of 2004. The Air Force will have ordered 25 percent of the total F–22 production goal by then.

The Committee is willing to increase the production of F–22 aircraft as the budget proposes, provided the Secretary of Defense has fully evaluated these risks. The bill includes a provision requiring that, prior to ordering more than 16 additional F–22 aircraft, the Under Secretary of Defense for Acquisition, Technology and Logistics submits to the congressional defense committees a cost-benefit analysis comparing the cost advantages of increasing aircraft production at this time to the potential cost of retrofiting production aircraft once operational test and evaluation has been completed. The bill also requires that the Under Secretary certify to the Congress that the costs of retrofits for fixes discovered during developmental and operational testing will be absorbed within the current projected total program cost. Finally, the language directs the Under Secretary to certify that the proposed production rate is the lowest risk and lowest cost solution, or else to submit to the Congress a revised production plan.

The Committee is concerned that the lack of stability in the Department's estimates of the F–22 program's costs and schedule may have other negative consequences for the long term cost of the program. The Committee therefore recommends fencing the funds available for the producability improvement program in order to

ensure that this critical long term cost reduction effort is not cut in order to cover additional cost growth.

The Committee approves the F–22 procurement budget request of $4,621,068,000 in full and recommends bill language to accomplish these objectives.

INCREMENTAL FUNDING OF THE C–17

The Air Force has adopted a budgeting approach for the C–17 that delays the need to request $1,500,000,000 in budget authority until 2007 and 2008. Instead of following the traditional method of requesting funding equal to the cost of the planes being built, the Air Force has matched its funding request to when payments are due to the contractor. The Air Force calls this change "transformation". The proper term is incremental funding and it is inconsistent with DoD fiscal policy. Although the planes are delivered on the same schedule and at the same cost under either approach, incremental funding allows programs to push off onto future years costs that should be covered now.

Last year, when the Congress was considering multiyear procurement authority for the C–17, the Air Force sought bill language specifically authorizing this new approach. The Congress approved the multiyear, but denied the Air Force's request for special authority. Nevertheless, the Air Force proceeded with the incremental funding and reinterpreted the regulations as permitting this approach. For example, while the DoD Financial Management Regulations (FMR) define Advance Procurement as being for "long lead-time items", the Air Force believes that this can be interpreted to apply to any component of the aircraft or even to final assembly. While the FMR calls for advance procurement to be "relatively low" compared to the cost of the end item, the Air Force proposal would, in some cases, fund half of the cost of the airplane with advanced procurement. The Air Force position is not consistent with any reasonable interpretation of the FMR.

Therefore, the Committee has included bill language requiring that the fiscal year 2003 C–17 Advance Procurement be used to support the acquisition in fiscal year 2004 of 15 C–17 aircraft (the planned production rate) and directs the Air Force to include the funds to complete the purchase of those 15 C–17s in its 2004 budget submission.

The Committee directs the Under Secretary of Defense (Comptroller) to restructure the outyear funding for the C–17 program to bring it into compliance with the proper use of advance procurement as defined in the FMR. The Committee is fully supportive of the C–17 program and the multiyear procurement of 60 additional airplanes and directs that these changes be implemented in a manner that would not adversely affect the cost or delivery of these planes.

PREDATOR B UNMANNED AERIAL VEHICLE (UAV)

The Predator UAV continues to demonstrate its versatility in meeting the deployed operational requirements of the warfighting CINCs. Its reliability and combat mission successes have provided significant opportunities in a number of military operations.

With the increased use of UAVs to support ongoing operations, the roles and missions of the Predator UAV system are quickly expanding. The need for greater stand-off reconnaissance, targeting and variable weapons delivery capability will continue to drive the requirement for upgrades to existing systems and the development of new systems.

The Predator B UAV, which is operational today, has the ability to meet a large number of the future reconnaissance, targeting, and weapons delivery requirements. Unfortunately, the fiscal year 2003 budget request does not include a request for the procurement of additional Predator B aircraft. Therefore, the Committee has provided an increase of $26,000,000 for the Air Force to acquire six additional Predator B prop jet aircraft, including spare parts, to augment the current inventory of aircraft.

The Committee believes that the Predator B UAV may well satisfy reconnaissance, targeting and weapons delivery requirements of the Navy. Therefore, the Committee directs the Air Force and the Navy to establish a Joint Program Office for the Predator B. This Joint Program Office would manage the development of requirements, program management, acquisition support, testing and training.

### GLOBAL HAWK HIGH ALTITUDE ENDURANCE UNMANNED AERIAL VEHICLE (HAEUAV)

The fiscal year 2003 budget request included $41,000,000 for advance procurement for the Global Hawk High Altitude Endurance Unmanned Aerial Vehicle, the Committee recommends $32,625,000, a reduction of $8,375,000.

The Committee makes this recommendation due to the availability of funds in fiscal year 2002 for advance procurement for four aircraft that will be procured in fiscal year 2003 although only three aircraft were included in the 2003 budget request. When consideration is given to the appropriation for advance procurement in fiscal year 2002 and the Committee's recommendation for 2003, the Air Force has sufficient funds for both the 2002 and 2003 advance procurement requirement.

### E–8 JOINT STARS

The President's budget requests $279,268,000 for one additional E–8C JOINT STARS. This would bring the Department's inventory to 17 airplanes. However, the Department has not requested any funding for the advanced procurement of an 18th aircraft, nor has it provided the funds that would be required to shutdown the production line. The Committee therefore directs the Department to decide whether or not they want another JOINT STARS and to submit a reprogramming providing the funding needed to implement that decision.

## PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| F-22 RAPTOR | 23 | 4,090,434 | 23 | 4,090,434 | --- | --- |
| F-22 RAPTOR (AP-CY) | --- | 530,634 | --- | 530,634 | --- | --- |
| TOTAL, COMBAT AIRCRAFT | | 4,621,068 | | 4,621,068 | | --- |
| AIRLIFT AIRCRAFT | | | | | | |
| TACTICAL AIRLIFT | | | | | | |
| C-17A (MYP) | 12 | 2,694,140 | 12 | 2,694,140 | --- | --- |
| C-17A (MYP) (AP-CY) | --- | 391,890 | --- | 391,890 | --- | --- |
| C-17 ICS | --- | 612,452 | --- | 621,952 | --- | +9,500 |
| OTHER AIRLIFT | | | | | | |
| C-130H | --- | 18,672 | --- | 23,672 | --- | +5,000 |
| C-130J | --- | 175,923 | --- | 175,923 | --- | --- |
| TOTAL, AIRLIFT AIRCRAFT | | 3,893,077 | | 3,907,577 | | +14,500 |
| TRAINER AIRCRAFT | | | | | | |
| JPATS | 35 | 211,848 | 35 | 211,848 | --- | --- |
| OTHER AIRCRAFT | | | | | | |
| HELICOPTERS | | | | | | |
| V-22 OSPREY | --- | 90,904 | --- | 90,904 | --- | --- |
| V-22 OSPREY (AP-CY) | --- | 10,100 | --- | 10,100 | --- | --- |
| MISSION SUPPORT AIRCRAFT | | | | | | |
| CIVIL AIR PATROL A/C | 27 | 2,616 | 63 | 10,616 | +36 | +8,000 |
| OTHER AIRCRAFT | | | | | | |
| TARGET DRONES | --- | 30,586 | --- | 30,586 | --- | --- |
| E-8C | 1 | 279,268 | 1 | 279,268 | --- | --- |
| HAEUAV | 2 | 63,861 | 3 | 128,861 | +1 | +65,000 |
| HAEUAV (AP-CY) | --- | 41,000 | --- | 32,625 | --- | -8,375 |
| PREDATOR UAV | 7 | 23,068 | 12 | 131,068 | +5 | +108,000 |
| TOTAL, OTHER AIRCRAFT | | 541,403 | | 714,028 | | +172,625 |
| MODIFICATION OF INSERVICE AIRCRAFT | | | | | | |
| STRATEGIC AIRCRAFT | | | | | | |
| B-2A | --- | 72,123 | --- | 104,123 | --- | +32,000 |
| B-1B | --- | 98,026 | --- | 98,026 | --- | --- |
| F-117 | --- | 21,079 | --- | 21,079 | --- | --- |
| TACTICAL AIRCRAFT | | | | | | |
| A-10 | --- | 21,775 | --- | 21,775 | --- | --- |
| F-15 | --- | 232,500 | --- | 259,900 | --- | +27,400 |
| F-16 | --- | 265,007 | --- | 269,007 | --- | +4,000 |
| F22 RAPTOR | --- | 11,200 | --- | 11,200 | --- | --- |
| T/AT-37 | --- | 81 | --- | 81 | --- | --- |
| AIRLIFT AIRCRAFT | | | | | | |
| C-5 | --- | 86,008 | --- | 59,408 | --- | -26,600 |
| C-9 | --- | 1,346 | --- | 1,346 | --- | --- |
| C-17A | --- | 128,178 | --- | 128,178 | --- | --- |
| C-21 | --- | 2,562 | --- | 2,562 | --- | --- |
| C-32A | --- | 26,684 | --- | 26,684 | --- | --- |
| C-37A | --- | 373 | --- | 373 | --- | --- |
| C-141 | --- | 796 | --- | 796 | --- | --- |
| TRAINER AIRCRAFT | | | | | | |
| T-38 | --- | 168,112 | --- | 176,112 | --- | +8,000 |
| T-41 AIRCRAFT | --- | 90 | --- | 90 | --- | --- |
| T-43 | --- | 2,183 | --- | 2,183 | --- | --- |
| OTHER AIRCRAFT | | | | | | |
| KC-10A (ATCA) | --- | 14,176 | --- | 14,176 | --- | --- |
| C-12 | --- | 400 | --- | 400 | --- | --- |
| C-18 | --- | 800 | --- | 800 | --- | --- |
| C-20 MODS | --- | 828 | --- | 828 | --- | --- |
| VC-25A MOD | --- | 12,171 | --- | 80,171 | --- | +68,000 |
| C-130 | --- | 138,533 | --- | 155,633 | --- | +17,100 |
| C-135 | --- | 108,670 | --- | 197,670 | --- | +89,000 |
| DARP | --- | 150,123 | --- | 139,423 | --- | -10,700 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| E-3 | --- | 29,478 | --- | 29,478 | --- | --- |
| E-4 | --- | 39,139 | --- | 39,139 | --- | --- |
| E-8 | --- | 19,307 | --- | 19,307 | --- | --- |
| H-1 | --- | 473 | --- | 473 | --- | --- |
| H-60 | --- | 40,640 | --- | 40,640 | --- | --- |
| OTHER AIRCRAFT | --- | 54,653 | --- | 54,653 | --- | --- |
| PREDATOR MODS | --- | 10,532 | --- | 10,532 | --- | --- |
| OTHER MODIFICATIONS | | | | | | |
| CLASSIFIED PROJECTS | --- | 18,546 | --- | 18,546 | --- | --- |
| TOTAL, MODIFICATION OF INSERVICE AIRCRAFT | | 1,776,592 | | 1,984,792 | | +208,200 |
| AIRCRAFT SPARES AND REPAIR PARTS | | | | | | |
| INDUSTRIAL FACILITIES | --- | 275,982 | --- | 283,982 | --- | +8,000 |
| AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| COMMON SUPPORT EQUIPMENT | | | | | | |
| COMMON SUPPORT EQUIPMENT | --- | 180,943 | --- | 180,943 | --- | --- |
| POST PRODUCTION SUPPORT | | | | | | |
| B-1 | --- | 1,969 | --- | 1,969 | --- | --- |
| B-2A | --- | 3,279 | --- | 3,279 | --- | --- |
| B-2A | --- | 33,484 | --- | 33,484 | --- | --- |
| C-130 | --- | 10,922 | --- | 10,922 | --- | --- |
| F-15 POST PRODUCTION SUPPORT | --- | 7,512 | --- | 7,512 | --- | --- |
| F-16 POST PRODUCTION SUPPORT | --- | 14,200 | --- | 14,200 | --- | --- |
| INDUSTRIAL PREPAREDNESS | --- | 22,248 | --- | 22,248 | --- | --- |
| WAR CONSUMABLES | --- | 38,429 | --- | 38,429 | --- | --- |
| MISC PRODUCTION CHARGES | --- | 349,516 | --- | 361,516 | --- | +12,000 |
| COMMON ECM EQUIPMENT | --- | 1,182 | --- | 1,182 | --- | --- |
| DARP | --- | 83,751 | --- | 93,751 | --- | +10,000 |
| TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | 747,435 | | 769,435 | | +22,000 |
| TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE | | 12,067,405 | | 12,492,730 | | +425,325 |

## MISSILE PROCUREMENT, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $2,989,524,000 |
| Fiscal year 2003 budget request | 3,575,162,000 |
| Committee recommendation | 3,185,439,000 |
| Change from budget request | −389,723,000 |

This appropriation provides for procurement, installation, and checkout of strategic ballistic and other missiles, modification of in-service missiles, and initial spares for missile systems. It also provides for operational space systems, boosters, payloads, drones, associated ground equipment, non-recurring maintenance of industrial facilities, machine tool modernization, and special program support.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 4 | JOINT STANDOFF WEAPON | 55,740 | 19,540 | -36,200 |
| | Termination of JSOW-B | | | -36,200 |
| 7a | HELLFIRE | 0 | 10,000 | +10,000 |
| | Hellfire - Transfer from DERF | | | +10,000 |
| 12 | MM III MODIFICATIONS | 580,701 | 593,701 | +13,000 |
| | Guidance Replacement Package | | | +5,000 |
| | Minuteman III Warhead Containers | | | +8,000 |
| 18 | ADVANCED EHF (AP-CY) | 94,523 | 0 | -94,523 |
| | Program delays | | | -94,523 |
| 22 | GLOBAL POSITIONING (SPACE) | 206,470 | 234,470 | +28,000 |
| | AF requested transfer | | | +28,000 |
| 28 | TITAN SPACE BOOSTERS(SPACE) | 335,303 | 235,303 | -100,000 |
| | Chronic underexecution and excess end of year funds | | | -100,000 |
| 31 | DEFENSE SPACE RECONN PROGRAM | 384,000 | 284,000 | -100,000 |
| | Classified | | | -100,000 |
| 32 | SPECIAL PROGRAMS | 879,516 | 769,516 | -110,000 |
| | Classified | | | -110,000 |

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 EQ-BALLIS | --- | 48,685 | --- | 48,685 | --- | --- |
| OTHER MISSILES | | | | | | |
| TACTICAL | | | | | | |
| JASSM | 100 | 54,240 | 100 | 54,240 | --- | --- |
| JOINT STANDOFF WEAPON | 113 | 55,740 | 35 | 19,540 | -78 | -36,200 |
| SIDEWINDER (AIM-9X) | 286 | 56,964 | 286 | 56,964 | --- | --- |
| AMRAAM | 161 | 89,593 | 161 | 89,593 | --- | --- |
| HELLFIRE | --- | --- | --- | 10,000 | --- | +10,000 |
| INDUSTRIAL FACILITIES | | | | | | |
| INDUSTRIAL FACILITIES | --- | 2,105 | --- | 2,105 | --- | --- |
| TOTAL, OTHER MISSILES | | 258,642 | | 232,442 | | -26,200 |
| MODIFICATION OF INSERVICE MISSILES | | | | | | |
| CLASS IV | | | | | | |
| ADVANCED CRUISE MISSILE | --- | 3,376 | --- | 3,376 | --- | --- |
| MM III MODIFICATIONS | --- | 580,701 | --- | 593,701 | --- | +13,000 |
| AGM-65D MAVERICK | --- | 333 | --- | 333 | --- | --- |
| AIR LAUNCH CRUISE MISSILE | --- | 1,998 | --- | 1,998 | --- | --- |
| TOTAL, MODIFICATION OF INSERVICE MISSILES | | 586,408 | | 599,408 | | +13,000 |
| MISSILE SPARES & REPAIR PARTS | --- | 48,412 | --- | 48,412 | --- | --- |
| OTHER SUPPORT | | | | | | |
| SPACE PROGRAMS | | | | | | |
| ADVANCED EHF (AP-CY) | --- | 94,523 | --- | --- | --- | -94,523 |
| WIDEBAND GAPFILLER SATELLITES | 1 | 189,666 | 1 | 189,666 | --- | --- |
| SPACEBORNE EQUIP (COMSEC) | --- | 9,368 | --- | 9,368 | --- | --- |
| GLOBAL POSITIONING (SPACE) | --- | 206,470 | --- | 234,470 | --- | +28,000 |
| GLOBAL POSITIONING (SPACE) (AP-CY) | --- | 3,000 | --- | 3,000 | --- | --- |
| DEF METEOROLOGICAL SAT PROG(S | --- | 60,051 | --- | 60,051 | --- | --- |
| DEFENSE SUPPORT PROGRAM(SPACE | --- | 114,382 | --- | 114,382 | --- | --- |
| DEFENSE SATELLITE COMM SYSTEM | --- | 20,669 | --- | 20,669 | --- | --- |
| TITAN SPACE BOOSTERS(SPACE) | --- | 335,303 | --- | 235,303 | --- | -100,000 |
| EVOLVED EXPENDABLE LAUNCH VEH | 1 | 158,867 | 1 | 158,867 | --- | --- |
| MEDIUM LAUNCH VEHICLE (SPACE) | --- | 48,208 | --- | 48,208 | --- | --- |
| SPECIAL PROGRAMS | | | | | | |
| DEFENSE SPACE RECONN PROGRAM | --- | 384,000 | --- | 284,000 | --- | -100,000 |
| SPECIAL PROGRAMS | --- | 879,516 | --- | 769,516 | --- | -110,000 |
| SPECIAL UPDATE PROGRAMS | --- | 128,992 | --- | 128,992 | --- | --- |
| TOTAL, OTHER SUPPORT | | 2,633,015 | | 2,256,492 | | -376,523 |
| TOTAL, MISSILE PROCUREMENT, AIR FORCE | | 3,575,162 | | 3,185,439 | | -389,723 |

## PROCUREMENT OF AMMUNITION, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $866,644,000 |
| Fiscal year 2003 budget request | 1,133,864,000 |
| Committee recommendation | 1,290,764,000 |
| Change from budget request | +156,900,000 |

This appropriation finances the acquisition of ammunition, modifications, spares, weapons, and other ammunition-related items for the Air Force.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 3 | PRACTICE BOMBS | 71,935 | 72,935 | +1,000 |
| | Cast Ductile Iron Practice Bombs (BDU-56) | | | +1,000 |
| 4 | GENERAL PURPOSE BOMBS | 108,589 | 134,589 | +26,000 |
| | Transfer from DERF | | | +25,000 |
| | Cast Ductile Iron Bombs (MK-84) | | | +1,000 |
| 6 | SENSOR FUZED WEAPON | 105,985 | 125,985 | +20,000 |
| | Increased Production | | | +20,000 |
| 7 | JOINT DIRECT ATTACK MUNITION | 378,863 | 484,863 | +106,000 |
| | JDAM - Transfer from DERF | | | +106,000 |
| 14 | FLARES | 131,967 | 135,867 | +3,900 |
| | MJU-52/B BOL IR Expendables for the Air National Guard | | | +3,900 |

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| ROCKETS | --- | 40,909 | --- | 40,909 | --- | --- |
| CARTRIDGES | --- | 154,620 | --- | 154,620 | --- | --- |
| BOMBS | | | | | | |
| PRACTICE BOMBS | --- | 71,935 | --- | 72,935 | --- | +1,000 |
| GENERAL PURPOSE BOMBS | --- | 108,589 | --- | 134,589 | --- | +26,000 |
| SENSOR FUZED WEAPON | 298 | 105,985 | 300 | 125,985 | +2 | +20,000 |
| JOINT DIRECT ATTACK MUNITION | 17,917 | 378,863 | 23,129 | 484,863 | +5,212 | +106,000 |
| WIND CORRECTED MUNITIONS DISP | 4,959 | 71,165 | 4,959 | 71,165 | --- | --- |
| FLARE, IR MJU-7B | | | | | | |
| CAD/PAD | --- | 19,816 | --- | 19,816 | --- | --- |
| EXPLOSIVE ORDINANCE DISPOSAL I1063 | --- | 2,727 | --- | 2,727 | --- | --- |
| SPARES AND REPAIR PARTS | --- | 3,008 | --- | 3,008 | --- | --- |
| MODIFICATIONS LESS THAN $5 MILLION | --- | 202 | --- | 202 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 2,013 | --- | 2,013 | --- | --- |
| FUZES | | | | | | |
| FLARES | --- | 131,967 | --- | 135,867 | --- | +3,900 |
| FUZES | --- | 37,705 | --- | 37,705 | --- | --- |
| TOTAL, PROCUREMENT OF AMMO, AIR FORCE | | 1,129,504 | | 1,286,404 | | +156,900 |
| WEAPONS | | | | | | |
| SMALL ARMS | --- | 4,360 | --- | 4,360 | --- | --- |
| TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE | | 1,133,864 | | 1,290,764 | | +156,900 |

## OTHER PROCUREMENT, AIR FORCE

| | |
|---|---|
| Fiscal year 2002 appropriation | $8,085,863,000 |
| Fiscal year 2003 budget request | 10,523,946,000 |
| Committee recommendation | 10,622,660,000 |
| Change from budget request | +98,714,000 |

This appropriation provides for the procurement of weapon systems and equipment other than aircraft and missiles. Included are vehicles, electronic and telecommunications systems for command and control of operational forces, and ground support equipment for weapon systems and supporting structure.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 32 | COMSEC EQUIPMENT | 26,331 | 37,731 | +11,400 |
| | Computer Network Defense - Transfer from DERF | | | +4,600 |
| | Enclave and Network Tools - Transfer from DERF | | | +2,000 |
| | Intrusion Detection Systems - Transfer from DERF | | | +1,800 |
| | Wireless Communications - Transfer from DERF | | | +3,000 |
| 35 | INTELLIGENCE COMM EQUIP | 9,043 | 12,343 | +3,300 |
| | Tactical Terminal - Transfer from DERF | | | +3,300 |
| 36 | AIR TRAFFIC CTRL/LAND SYS | 52,038 | 53,038 | +1,000 |
| | Instrument Landing System at Rickenbacker ANG Base | | | +1,000 |
| 42 | TAC SIGINT SUPPORT | 406 | 10,406 | +10,000 |
| | Tactical Information Program - Transfer from DERF | | | +10,000 |
| 44 | GENERAL INFORMATION TECHNOLOGY | 55,789 | 76,689 | +20,900 |
| | Integrated Broadcast Service - Transfer from DERF | | | +10,800 |
| | Commercial Imagery - Transfer from DERF | | | +2,600 |
| | REMIS | | | +2,500 |
| | Science and Engineering Lab Data Integration | | | +5,000 |
| 47 | AIR FORCE PHYSICAL SECURITY S | 41,835 | 88,635 | +46,800 |
| | AT/FP Equipment -Transfer from DERF | | | +7,200 |
| | Base Physical Security Systems - Transfer from DERF | | | +39,600 |

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 48 | COMBAT TRAINING RANGES | 17,242 | 31,242 | +14,000 |
| | Mobile Remote Emitter Simulator (Note: The Department should consider fielding this equipment to Mountain Home AFB.) | | | +7,000 |
| | Unmanned Threat Emitter Modernization | | | +7,000 |
| 50 | C3 COUNTERMEASURES | 13,409 | 17,409 | +4,000 |
| | Information Warfare Support - Transfer from DERF | | | +2,000 |
| | Computer Network Defense - Transfer from DERF | | | +2,000 |
| 60 | MILSATCOM SPACE | 45,698 | 21,698 | -24,000 |
| | Defer 4th quarter award for GMT | | | -24,000 |
| 64 | RADIO EQUIPMENT | 8,801 | 10,301 | +1,500 |
| | Scope Command | | | +1,000 |
| | Radio Upgrades for the 139th Air National Guard Wing | | | +500 |
| 67 | BASE COMM INFRASTRUCTURE | 202,900 | 217,900 | +15,000 |
| | GeoBase (Note: Only for GIS based facility and base management planning tools to deliver a comprehensive, integrated capability for the Air Force to attain, maintain, and sustain geospatial information infrastructure supporting basing requirements.) | | | +15,000 |

| P-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 75 | ITEMS LESS THAN $5 MILLION | 9,312 | 18,312 | +9,000 |
| | Replacement of Inertia Reels for Fixed Wing and Rotary Aircraft | | | +1,000 |
| | Thinpack parachutes | | | +4,000 |
| | Replacement of Transport Aircraft Troop Seats | | | +3,000 |
| | Replacement of Tactical Aircrew Life Preservers with the Navy's LPU-36 | | | +1,000 |
| 76 | MECHANIZED MATERIAL HANDLING | 25,612 | 27,112 | +1,500 |
| | Point of Maintenance Initiative | | | +1,500 |
| 80 | BASE PROCURED EQUIPMENT | 11,321 | 18,321 | +7,000 |
| | Combat Arms Training System (CATS) | | | +7,000 |
| 93 | SELECTED ACTIVITIES | 8,098,917 | 8,066,231 | -32,686 |
| | Classified - Transfer from DERF | | | +108,753 |
| | Classified | | | -141,439 |
| 94 | SPECIAL UPDATE PROGRAM | 178,876 | 188,876 | +10,000 |
| | Classified - Transfer from DERF | | | +10,000 |

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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 | | | | | | |
| SEDAN, 4 DR 4X2 | 35 | 552 | 35 | 552 | --- | --- |
| STATION WAGON, 4X2 | 28 | 476 | 28 | 476 | --- | --- |
| BUSES | 120 | 7,982 | 120 | 7,982 | --- | --- |
| AMBULANCES | 10 | 755 | 10 | 755 | --- | --- |
| LAW ENFORCEMENT VEHICLE | 70 | 1,910 | 70 | 1,910 | --- | --- |
| ARMORED VEHICLE | 2 | 465 | 2 | 465 | --- | --- |
| CARGO + UTILITY VEHICLES | | | | | | |
| TRUCK, CARGO-UTILITY, 3/4T, 4X4 | --- | 9,681 | --- | 9,681 | --- | --- |
| TRUCK, CARGO-UTILITY, 3/4T, 4X2 | --- | 5,162 | --- | 5,162 | --- | --- |
| TRUCK MAINT/UTILITY/DELIVERY | --- | 10,475 | --- | 10,475 | --- | --- |
| HIGH MOBILITY VEHICLE (MYP) | --- | 11,881 | --- | 11,881 | --- | --- |
| CAP VEHICLES | --- | 792 | --- | 792 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 39,616 | --- | 39,616 | --- | --- |
| SPECIAL PURPOSE VEHICLES | | | | | | |
| HMMWV, ARMORED | --- | 1,019 | --- | 1,019 | --- | --- |
| HMWWV, UP-ARMORED | --- | 3,629 | --- | 3,629 | --- | --- |
| TRACTOR, A/C TOW, MB-2 | --- | 2,726 | --- | 2,726 | --- | --- |
| TRACTOR, A/C TOW, MB-4 | --- | 6,143 | --- | 6,143 | --- | --- |
| TRACTOR, TOW, FLIGHTLINE | --- | 7,928 | --- | 7,928 | --- | --- |
| TRUCK HYDRANT FUEL | --- | 7,941 | --- | 7,941 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 24,755 | --- | 24,755 | --- | --- |
| FIRE FIGHTING EQUIPMENT | | | | | | |
| ITEMS LESS THAN $5 MILLION | --- | 10,023 | --- | 10,023 | --- | --- |
| MATERIALS HANDLING EQUIPMENT | | | | | | |
| TRUCK, F/L 10,000 LB | --- | 14,572 | --- | 14,572 | --- | --- |
| TUNNER LOADER | 38 | 84,329 | 38 | 84,329 | --- | --- |
| HALVERSEN LOADER | 86 | 49,554 | 86 | 49,554 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 10,922 | --- | 10,922 | --- | --- |
| BASE MAINTENANCE SUPPORT | | | | | | |
| RUNWAY SNOW REMOV AND CLEANIN | --- | 15,466 | --- | 15,466 | --- | --- |
| MODIFICATIONS | --- | 5,000 | --- | 5,000 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 24,369 | --- | 24,369 | --- | --- |
| TOTAL, VEHICULAR EQUIPMENT | | 358,123 | | 358,123 | | --- |
| ELECTRONICS AND TELECOMMUNICATIONS EQUIP | | | | | | |
| COMM SECURITY EQUIPMENT(COMSEC) | | | | | | |
| COMSEC EQUIPMENT | --- | 26,331 | --- | 37,731 | --- | +11,400 |
| MODIFICATIONS (COMSEC) | --- | 460 | --- | 460 | --- | --- |
| INTELLIGENCE PROGRAMS | | | | | | |
| INTELLIGENCE TRAINING EQUIP | --- | 1,310 | --- | 1,310 | --- | --- |
| INTELLIGENCE COMM EQUIP | --- | 9,043 | --- | 12,343 | --- | +3,300 |
| ELECTRONICS PROGRAMS | | | | | | |
| AIR TRAFFIC CTRL/LAND SYS (AT | --- | 52,038 | --- | 53,038 | --- | +1,000 |
| NATIONAL AIRSPACE SYSTEM | --- | 55,561 | --- | 55,561 | --- | --- |
| THEATER AIR CONTROL SYS IMPRO | --- | 16,713 | --- | 16,713 | --- | --- |
| WEATHER OBSERVE/FORECAST | --- | 29,071 | --- | 29,071 | --- | --- |
| STRATEGIC COMMAND AND CONTROL | --- | 23,889 | --- | 23,889 | --- | --- |
| CHEYENNE MOUNTAIN COMPLEX | --- | 17,588 | --- | 17,588 | --- | --- |
| TAC SIGINT SUPPORT | --- | 406 | --- | 10,406 | --- | +10,000 |
| SPECIAL COMM-ELECTRONICS PROJECTS | | | | | | |
| GENERAL INFORMATION TECHNOLOGY | --- | 55,789 | --- | 76,689 | --- | +20,900 |
| AF GLOBAL COMMAND & CONTROL S | --- | 28,182 | --- | 28,182 | --- | --- |
| MOBILITY COMMAND AND CONTROL | --- | 9,735 | --- | 9,735 | --- | --- |
| AIR FORCE PHYSICAL SECURITY S | --- | 41,835 | --- | 88,635 | --- | +46,800 |
| COMBAT TRAINING RANGES | --- | 17,242 | --- | 31,242 | --- | +14,000 |
| MINIMUM ESSENTIAL EMERGENCY C | --- | 1,072 | --- | 1,072 | --- | --- |
| C3 COUNTERMEASURES | --- | 13,409 | --- | 17,409 | --- | +4,000 |
| BASE LEVEL DATA AUTO PROGRAM | --- | 12,793 | --- | 12,793 | --- | --- |
| THEATER BATTLE MGT C2 SYS | --- | 56,202 | --- | 56,202 | --- | --- |
| AIR FORCE COMMUNICATIONS | | | | | | |
| BASE INFORMATION INFRASTRUCTURE | --- | 214,727 | --- | 214,727 | --- | --- |
| USCENTCOM | --- | 9,839 | --- | 9,839 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| DEFENSE MESSAGE SYSTEM (DMS) | --- | 18,967 | --- | 18,967 | --- | --- |
| DISA PROGRAMS | | | | | | |
| NAVSTAR GPS SPACE | --- | 13,110 | --- | 13,110 | --- | --- |
| NUDET DETECTION SYS (NDS) SPA | --- | 7,937 | --- | 7,937 | --- | --- |
| AF SATELLITE CONTROL NETWORK | --- | 45,063 | --- | 45,063 | --- | --- |
| SPACELIFT RANGE SYSTEM SPACE | --- | 108,281 | --- | 108,281 | --- | --- |
| MILSATCOM SPACE | --- | 45,698 | --- | 21,698 | --- | -24,000 |
| SPACE MODS SPACE | --- | 10,938 | --- | 10,938 | --- | --- |
| ORGANIZATION AND BASE | | | | | | |
| TACTICAL C-E EQUIPMENT | --- | 134,427 | --- | 134,427 | --- | --- |
| COMBAT SURVIVOR EVADER LOCATE | --- | 11,049 | --- | 11,049 | --- | --- |
| RADIO EQUIPMENT | --- | 8,801 | --- | 10,301 | --- | +1,500 |
| TV EQUIPMENT (AFRTV) | --- | 2,620 | --- | 2,620 | --- | --- |
| CCTV/AUDIOVISUAL EQUIPMENT | --- | 3,259 | --- | 3,259 | --- | --- |
| BASE COMM INFRASTRUCTURE | --- | 202,900 | --- | 217,900 | --- | +15,000 |
| ITEMS LESS THAN $5 MILLION | --- | 9,278 | --- | 9,278 | --- | --- |
| MODIFICATIONS | | | | | | |
| COMM ELECT MODS | --- | 68,894 | --- | 68,894 | --- | --- |
| TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP | | 1,384,457 | | 1,488,357 | | +103,900 |
| OTHER BASE MAINTENANCE AND SUPPORT EQUIP | | | | | | |
| TEST EQUIPMENT | | | | | | |
| BASE/ALC CALIBRATION PACKAGE | --- | 13,809 | --- | 13,809 | --- | --- |
| PRIMARY STANDARDS LABORATORY | --- | 1,107 | --- | 1,107 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 8,059 | --- | 8,059 | --- | --- |
| PERSONAL SAFETY AND RESCUE EQUIP | | | | | | |
| NIGHT VISION GOGGLES | --- | 3,814 | --- | 3,814 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 9,312 | --- | 18,312 | --- | +9,000 |
| DEPOT PLANT + MATERIALS HANDLING EQ | | | | | | |
| MECHANIZED MATERIAL HANDLING | --- | 25,612 | --- | 27,112 | --- | +1,500 |
| ITEMS LESS THAN $5 MILLION | --- | 12,256 | --- | 12,256 | --- | --- |
| ELECTRICAL EQUIPMENT | | | | | | |
| FLOODLIGHTS | --- | 11,023 | --- | 11,023 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 6,201 | --- | 6,201 | --- | --- |
| BASE SUPPORT EQUIPMENT | | | | | | |
| BASE PROCURED EQUIPMENT | --- | 11,321 | --- | 18,321 | --- | +7,000 |
| MEDICAL/DENTAL EQUIPMENT | --- | 13,992 | --- | 13,992 | --- | --- |
| ENVIRONMENTAL PROJECTS | --- | 817 | --- | 817 | --- | --- |
| AIR BASE OPERABILITY | --- | 5,700 | --- | 5,700 | --- | --- |
| PHOTOGRAPHIC EQUIPMENT | --- | 5,893 | --- | 5,893 | --- | --- |
| PRODUCTIVITY ENHANCING CAPITA | --- | 7,806 | --- | 7,806 | --- | --- |
| MOBILITY EQUIPMENT | --- | 102,990 | --- | 102,990 | --- | --- |
| AIR CONDITIONERS | --- | 9,593 | --- | 9,593 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 16,131 | --- | 16,131 | --- | --- |
| SPECIAL SUPPORT PROJECTS | | | | | | |
| INTELLIGENCE PRODUCTION ACTIVE | --- | 47,160 | --- | 47,160 | --- | --- |
| TECH SURV COUNTERMEASURES EQ | --- | 4,057 | --- | 4,057 | --- | --- |
| DARP RC135 | --- | 13,123 | --- | 13,123 | --- | --- |
| DARP, MRIGS | --- | 115,777 | --- | 115,777 | --- | --- |
| SELECTED ACTIVITIES | --- | 8,098,917 | --- | 8,066,231 | --- | -32,686 |
| SPECIAL UPDATE PROGRAM | --- | 178,876 | --- | 188,876 | --- | +10,000 |
| DEFENSE SPACE RECONNAISSANCE | --- | 6,694 | --- | 6,694 | --- | --- |
| MODIFICATIONS | --- | 201 | --- | 201 | --- | --- |
| FIRST DESTINATION TRANSPORT | --- | 9,767 | --- | 9,767 | --- | --- |
| TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP | | 8,740,008 | | 8,734,822 | | -5,186 |
| SPARE AND REPAIR PARTS | | | | | | |
| SPARES AND REPAIR PARTS | --- | 41,358 | --- | 41,358 | --- | --- |
| TOTAL, OTHER PROCUREMENT, AIR FORCE | | 10,523,946 | | 10,622,660 | | +98,714 |

## PROCUREMENT, DEFENSE-WIDE

| | |
|---|---|
| Fiscal year 2002 appropriation | $2,389,490,000 |
| Fiscal year 2003 budget request | 2,688,515,000 |
| Committee recommendation | 3,457,405,000 |
| Change from budget request | +768,890,000 |

This appropriation funds the Procurement, Defense-Wide activities of the Department of Defense.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 2 MAJOR EQUIPMENT, OSD | 84,964 | 116,914 | +31,950 |
| OSD COOP - Network Improvements, Transfer From DERF | | | +9,000 |
| HDBT, Transfer From DERF | | | +3,750 |
| Horizontal Fusion, Transfer From DERF | | | +8,000 |
| Coalition Information Sharing, Transfer From DERF | | | +12,000 |
| Information Technology Network Consolidation | | | -2,000 |
| Mentor-Protégé HBCU Technical Assistance Program | | | +1,200 |
| 3 MAJOR EQUIPMENT, WHS | 18,452 | 16,452 | -2,000 |
| Information Technology Network Consolidation | | | -2,000 |
| 8 INFORMATION SYSTEMS SECURITY | 37,544 | 59,044 | +21,500 |
| Suite of Enclave Security Tools, Transfer From DERF | | | +5,500 |
| Critical Database Backup, Transfer From DERF | | | +10,000 |
| Mobile Secure Communications, Transfer From DERF | | | +500 |
| Wireless Gateway, Transfer From DERF | | | +500 |
| Intelligence Community Systems, Transfer From DERF | | | +5,000 |
| 15 GLOBAL INFORMATION GRID | 517,000 | 499,400 | -17,600 |
| Bandwidth Expansion, Transfer From DERF | | | +7,400 |
| Bandwidth Expansion Contract Cost Savings | | | -25,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 16 ITEMS LESS THAN $5 MILLION | 25,474 | 32,374 | +6,900 |
| Teleconferencing System, Transfer From DERF | | | +1,000 |
| Transportable Systems, Transfer From DERF | | | +5,900 |
| 22 MAJOR EQUIPMENT, TJS | 31,836 | 56,836 | +25,000 |
| C4I Equipment, Transfer From DERF | | | +15,000 |
| Physical Security Equipment, Transfer From DERF | | | +10,000 |
| 23 PATRIOT PAC-3 | 0 | 536,670 | +536,670 |
| Transfer of PAC-3 Program from Army | | | +471,670 |
| Additional PAC-3 Missiles | | | +65,000 |
| 33 SOF ROTARY WING UPGRADES | 289,792 | 295,792 | +6,000 |
| A/MH-6J "Little Bird" Helicopter EO/IR Systems [Note: Only to accelerate planned procurement of upgraded EO/IR systems for TF160 Aviation.] | | | +6,000 |
| 37 AC-130U GUNSHIP ACQUISITION | 65,502 | 125,502 | +60,000 |
| AC-130U Gunship, Transfer From DERF | | | +60,000 |
| 40 ADVANCED SEAL DELIVERY SYSTEM | 21,804 | 23,504 | +1,700 |
| Restructured Program | | | +1,700 |
| 41 ADVANCED SEAL DELIVERY SYS (AP-CY) | 34,730 | 0 | -34,730 |
| | | | -34,730 |
| 46 SOF ORDNANCE ACQUISITION | 7,078 | 11,078 | +4,000 |
| Gunshot/Sniper Detection System | | | +4,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 48 SOF INTELLIGENCE SYSTEMS | 8,166 | 31,766 | +23,600 |
| Classified Program, Transfer From DERF | | | +18,600 |
| Leviathon COMINT [Note: Only to procure additional Seabreeze, Typhoon and next generation Leviathon systems for deployment in support of Homeland Security missions.] | | | +5,000 |
| 49 SOF SMALL ARMS & WEAPONS | 4,768 | 25,268 | +20,500 |
| AT-4 Confined Space | | | +6,000 |
| Low Profile Night Vision Goggles | | | +1,500 |
| Electronic Digital Compass System | | | +3,000 |
| Striker MK-47 Advanced Lightweight Grenade Launcher | | | +4,000 |
| AN/PVS-17 SOPMOD | | | +6,000 |
| 50 MARITIME EQUIPMENT MODS | 650 | 2,650 | +2,000 |
| Advanced Shock Mitigation Seats for MK V [Note: Only to procure the advanced version of current Shock-Mitigating MK V SOC Seats.] | | | +2,000 |
| 60 DECONTAMINATION | 15,561 | 16,561 | +1,000 |
| M291 Decontamintation Kit | | | +1,000 |
| 61 JOINT BIOLOGICAL DEFENSE PROGRAM | 143,233 | 148,233 | +5,000 |
| Bio-Detection Kit Storage | | | +1,000 |
| Army Reserve JBPDS-BIDS | | | +4,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 62 COLLECTIVE PROTECTION | 34,749 | 56,249 | +21,500 |
| Filter Surveillance Program | | | +1,500 |
| Chemical-Biological Protective Shelters | | | +20,000 |
| 63 CONTAMINATION AVOIDANCE | 116,912 | 118,912 | +2,000 |
| Joint Chemical Agent Detector | | | +2,000 |

TECHNICAL ASSISTANCE PROGRAM

The Committee has provided $1,200,000 for the Department of Defense Office of Small and Disadvantaged Business to execute the DoD Technical Assistance Program. This program provides critical training and technical assistance services to minority institutions to help them more effectively compete for Department of Defense funding opportunities.

ADVANCED SEAL DELIVERY SYSTEM

The Special Operations Command requested $21,804,000 for procurement of the Advanced Sea, Air, Land (SEAL) Delivery System (ASDS) and $34,730,000 in advanced procurement for a second ASDS. The Committee recommends $23,504,000 for procurement, of which $12,000,000 is recommended to procure Lithium Ion Polymer Batteries, and no funds for advanced procurement.

The ASDS is a manned combatant mini-submarine used for the clandestine delivery of Special Operations Forces personnel and weapons and will provide an important improvement over the current SEAL delivery system. The first ASDS has encountered significant cost and schedule problems and there are important unresolved issues identified last year by the Committee which continue to require more RDT&E funding. Since the budget was submitted, the Special Operations Command has wisely decided to restructure this program and is delaying the procurement of the second ASDS until the technical problems have been resolved. The Committee recommends additional funding above the budget request for the ASDS in the RDT&E program addressed elsewhere in this report.

DEFENSE IMAGERY AND MAPPING AGENCY

Funds for the Defense Imagery and Mapping Agency have been transferred to the National Foreign Intelligence Program in an effort to improve appropriations oversight and management efficiency. Further details are addressed in a classified annex accompanying this report.

PATRIOT ADVANCED CAPABILITY—3 (PAC–3)

The President's budget request includes $471,670,000 for the procurement of 72 PAC–3 missiles in Missile Procurement, Army. The Committee recommends moving these funds to Procurement, Defense-Wide and providing an increase of $65,000,000 only for the procurement of 24 additional missiles in 2003, the acquisition of long lead items for 72 missiles in 2004 or some combination of the above. The Committee further directs that these funds are available only to support a budget request for 144 missiles in 2004.

Last year, the Administration requested funds to upgrade the facilities that produce the PAC–3 so that by 2004 the facility could support a production rate of 12 missiles per month and by 2006 a production rate of 20 missiles per month. The Congress supported the Administration's request and directed the Department to begin producing these additional missiles as soon as possible. This year the Department of Defense proposes to transfer the program from the Missile Defense Agency to the Army, but with only enough funds to buy 6 missiles per month in 2004 and increasing to only

12 missiles per month in 2006. At this production rate, the Army would not be able to achieve its inventory objective until 2019. Given the Administration's commitment to missile defense, the Committee is disappointed that the Department would transfer this program to the Army with such a significant shortfall. The Committee believes that theater missile defense is too high a priority to be transferred in this way. Therefore the Committee recommends moving procurement funding for the PAC–3 back to Procurement, Defense-Wide and directs that the Department not transfer the PAC–3 procurement program to the Army until it has included enough funds in the Program Objective Memorandum for this program to support a production rate of 20 missiles per month and a total purchase of at least 2,200 missiles.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(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, OSD/WHS | | | | | | |
| MAJOR EQUIPMENT, OSD | --- | 84,964 | --- | 116,914 | --- | +31,950 |
| MAJOR EQUIPMENT, WHS | --- | 18,452 | --- | 16,452 | --- | -2,000 |
| MAJOR EQUIPMENT, DISA | | | | | | |
| INFORMATION SYSTEMS SECURITY | --- | 37,544 | --- | 59,044 | --- | +21,500 |
| CONTINUITY OF OPERATIONS | --- | 3,325 | --- | 3,325 | --- | --- |
| DEFENSE MESSAGE SYSTEM | --- | 19,425 | --- | 19,425 | --- | --- |
| GLOBAL COMMAND AND CONTROL SYS | --- | 3,453 | --- | 3,453 | --- | --- |
| GLOBAL COMBAT SUPPORT SYSTEM | --- | 2,442 | --- | 2,442 | --- | --- |
| TELEPORTS | --- | 53,542 | --- | 53,542 | --- | --- |
| GLOBAL INFORMATION GRID | --- | 517,000 | --- | 499,400 | --- | -17,600 |
| ITEMS LESS THAN $5 MILLION | --- | 25,474 | --- | 32,374 | --- | +6,900 |
| MAJOR EQUIPMENT, DLA | | | | | | |
| MAJOR EQUIPMENT | --- | 9,304 | --- | 9,304 | --- | --- |
| MAJOR EQUIPMENT, DCAA | | | | | | |
| MAJOR EQUIPMENT ITEMS LESS THAN $5 MILLION | --- | 1,500 | --- | 1,500 | --- | --- |
| MAJOR EQUIPMENT, TJS | | | | | | |
| MAJOR EQUIPMENT, TJS | --- | 31,836 | --- | 56,836 | --- | +25,000 |
| BALLISTIC MISSILE DEFENSE ORGANIZATION | | | | | | |
| PATRIOT PAC-3 | --- | --- | 96 | 536,670 | +96 | +536,670 |
| MAJOR EQUIPMENT, DHRA | | | | | | |
| PERSONNEL ADMINISTRATION | --- | 7,404 | --- | 7,404 | --- | --- |
| DEFENSE THREAT REDUCTION AGENCY | | | | | | |
| VEHICLES | --- | 80 | --- | 80 | --- | --- |
| OTHER MAJOR EQUIPMENT | --- | 36,896 | --- | 36,896 | --- | --- |
| MAJOR EQUIPMENT, AFIS | | | | | | |
| MAJOR EQUIPMENT, AFIS | --- | 7,762 | --- | 7,762 | --- | --- |
| MAJOR EQUIPMENT, DODDE | | | | | | |
| AUTOMATION/EDUCATIONAL SUPPORT AND LOGISTICS | --- | 2,404 | --- | 2,404 | --- | --- |
| MAJOR EQUIPMENT, DCMA | | | | | | |
| MAJOR EQUIPMENT | --- | 13,677 | --- | 13,677 | --- | --- |
| TOTAL, MAJOR EQUIPMENT | | 876,484 | | 1,478,904 | | +602,420 |
| SPECIAL OPERATIONS COMMAND | | | | | | |
| AVIATION PROGRAMS | | | | | | |
| SOF ROTARY WING UPGRADES | --- | 289,792 | --- | 295,792 | --- | +6,000 |
| SOF TRAINING SYSTEMS | --- | 14,000 | --- | 14,000 | --- | --- |
| MC-130H COMBAT TALON II | --- | 8,148 | --- | 8,148 | --- | --- |
| CV-22 SOF MODIFICATION | --- | 58,540 | --- | 58,540 | --- | --- |
| AC-130U GUNSHIP ACQUISITION | --- | 65,502 | --- | 125,502 | --- | +60,000 |
| C-130 MODIFICATIONS | --- | 77,889 | --- | 77,889 | --- | --- |
| AIRCRAFT SUPPORT | --- | 101 | --- | 101 | --- | --- |
| SHIPBUILDING | | | | | | |
| ADVANCED SEAL DELIVERY SYS | --- | 21,804 | --- | 23,504 | --- | +1,700 |
| ADVANCED SEAL DELIVERY SYS (AP-CY) | --- | 34,730 | --- | --- | --- | -34,730 |
| MK VIII MOD 1 - SEAL DELIVERY VEH | --- | 8,484 | --- | 8,484 | --- | --- |
| AMMUNITION PROGRAMS | | | | | | |
| SOF ORDNANCE REPLENISHMENT | --- | 28,628 | --- | 28,628 | --- | --- |
| SOF ORDNANCE ACQUISITION | --- | 7,078 | --- | 11,078 | --- | +4,000 |
| OTHER PROCUREMENT PROGRAMS | | | | | | |
| COMM EQUIPMENT & ELECTRONICS | --- | 28,827 | --- | 28,827 | --- | --- |
| SOF INTELLIGENCE SYSTEMS | --- | 8,166 | --- | 31,766 | --- | +23,600 |
| SOF SMALL ARMS & WEAPONS | --- | 4,768 | --- | 25,268 | --- | +20,500 |
| MARITIME EQUIPMENT MODS | --- | 650 | --- | 2,650 | --- | +2,000 |
| SOF COMBATANT CRAFT SYSTEMS | --- | 6,285 | --- | 6,285 | --- | --- |
| SPARES AND REPAIR PARTS | --- | 5,327 | --- | 5,327 | --- | --- |
| SOF MARITIME EQUIPMENT | --- | 3,155 | --- | 3,155 | --- | --- |
| MISCELLANEOUS EQUIPMENT | --- | 5,745 | --- | 5,745 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SOF PLANNING AND REHEARSAL SYSTEM | --- | 300 | --- | 300 | --- | --- |
| SOF OPERATIONAL ENHANCEMENTS | --- | 93,233 | --- | 93,233 | --- | --- |
| PSYOP EQUIPMENT | --- | 5,642 | --- | 5,642 | --- | --- |
| TOTAL, SPECIAL OPERATIONS COMMAND | | 776,794 | | 859,864 | | +83,070 |
| CHEMICAL/BIOLOGICAL DEFENSE | | | | | | |
| CBDP | | | | | | |
| INDIVIDUAL PROTECTION | --- | 125,276 | --- | 125,276 | --- | --- |
| DECONTAMINATION | --- | 15,561 | --- | 16,561 | --- | +1,000 |
| JOINT BIOLOGICAL DEFENSE PROGRAM | --- | 143,233 | --- | 148,233 | --- | +5,000 |
| COLLECTIVE PROTECTION | --- | 34,749 | --- | 56,249 | --- | +21,500 |
| CONTAMINATION AVOIDANCE | --- | 116,912 | --- | 118,912 | --- | +2,000 |
| TOTAL, CHEMICAL/BIOLOGICAL DEFENSE | | 435,731 | | 465,231 | | +29,500 |
| CLASSIFIED PROGRAMS | --- | 599,506 | --- | 653,406 | --- | +53,900 |
| TOTAL, PROCUREMENT, DEFENSE-WIDE | | 2,688,515 | | 3,457,405 | | +768,890 |

## NATIONAL GUARD AND RESERVE EQUIPMENT

| | |
|---|---|
| Fiscal year 2002 appropriation | $699,130,000 |
| Fiscal year 2003 budget request | ..... |
| Committee recommendation | ..... |
| Change from budget request | ..... |

This appropriation provides funds for the procurement of tactical aircraft and other equipment for the National Guard and Reserve.

### COMMITTEE RECOMMENDATIONS

The budget request includes $2,603,597,000 to equip National Guard and Reserve units in Procurement accounts for each of the Armed Services and no funding in National Guard and Reserve Equipment. The Committee is aware of the indispensable contributions members of the Guard and the Reserves make to our national security and has added $222,880,000 in additional funding above the request within the regular appropriation accounts to allow them to more adequately perform their missions. These missions continue to grow in scope as the Department uses Guard and Reserve forces to help deal with increased foreign deployments and to respond to terrorists threats to our homeland security. The Committee has amended bill language proposed in the budget for these purposes to insure that not less than the amounts identified are provided to the National Guard and Reserve components.

## DEFENSE PRODUCTION ACT PURCHASES

| | |
|---|---|
| Fiscal year 2002 appropriation | $40,000,000 |
| Fiscal year 2003 budget request | 73,057,000 |
| Committee recommendation | 73,057,000 |
| Change from request | ..... |

The Defense Production Act (50 U.S.C. App. 2061 et seq.) authorizes the use of federal funds to correct industrial resource shortfalls and promote critical technology items which are essential to the national defense. The Department requested $73,057,000 for Defense Production Act Purchases in fiscal year 2003. The Committee recommends $73,057,000, the amount of the budget request.

## INFORMATION TECHNOLOGY

The Department requested $17,909,943,000 for Information Technology. The Committee recommends $17,664,945,000 a decrease of $244,998,000 as explained below:

[In thousands of dollars]

| | |
|---|---|
| Operation and Maintenance, Army: | |
| C4 Requirements for PACOM—Transfer to procurement | −6,000 |
| Operation and Maintenance, Navy: | |
| CMIS | 4,000 |
| SPAWAR IT Center | 3,000 |
| Non-NMCI Information Technology | −120,000 |
| Operation and Maintenance, Air Force: | |
| ASC Enterprise InfoStructure Prototype | 6,500 |
| AFMC/SC Information Assurance Initiative | 1,500 |
| Operation and Maintenance, Defense-Wide: | |
| Civilian Personnel Data System | −20,000 |
| DLA, Information Technology Network Consolidation | −10,000 |
| DSMC/IT Organizational Composition Research | 1,000 |
| OSD, Information Technology Network Consolidation | −10,000 |

| | |
|---|---|
| DISA, Wireless Priority Service | −37,000 |
| Nationwide Dedicated Fiber Optic Network Feasibility Study | 2,500 |
| ADUSD (MPP&R) Wearable Computers [Note: Only for the existing program and initial deployment.] | 4,000 |
| Counter Terrorism Analysis Methods for Adaptive Threats | 1,000 |
| WHS, Information Technology Network Consolidation | −10,000 |
| Operation and Maintenance, Air Force Reserve: | |
| Command Server Consolidation | 4,000 |
| Operation and Maintenance, Army National Guard: | |
| Courseware to Educate IT Managers | 2,000 |
| Information Assurance [Note: Only for a collaborative information assurance effort with SEI.] | 1,500 |
| Operation and Maintenance, Air National Guard: | |
| National Guard Global Education Project | 500 |
| Project Alert | 2,750 |
| Interoperable Automation Continuity of Operations | 1,000 |
| Other Procurement, Army: | |
| Information Systems reduction | −41,000 |
| C4 Requirements for PACOM | 6,000 |
| Global Combat Support System | −10,000 |
| Army Knowledge Online | 5,000 |
| National Guard Courseware Development | 3,000 |
| Automated Maintenance Records Technology | 4,500 |
| Other Procurement, Navy: | |
| USNR Information Infrastructure COOP | 3,000 |
| JEDMICS Security Solution | 7,000 |
| JEDMICS Type 1 Network Security Solution | 7,000 |
| USMC Continuity of Operations | 7,000 |
| Other Procurement, Air Force: | |
| REMIS | 2,500 |
| Point of Maintenance Initiative | 1,500 |
| Procurement, Defense-Wide: | |
| OSD Information Technology Consolidation | −2,000 |
| WHS Information Technology Consolidation | −2,000 |
| Bandwidth Expansion Contract Cost Savings | −25,000 |
| Research, Development, Test and Evaluation, Army: | |
| Global Combat Support System | −20,000 |
| Armament Systems Network IA Center | 4,000 |
| Research, Development, Test and Evaluation, Navy: | |
| Deployable Joint Command and Control | −39,772 |
| Web Centric Network Warfare | 8,000 |
| JEDMICS | 3,000 |
| SPAWAR Information Technology Center | 6,000 |
| Distance Learning IT Center | 15,000 |
| CAST Upgrade—CACCTUS Intelligent Tutor System | 4,000 |
| Research, Development, Test and Evaluation, Air Force: | |
| Global Combat Support System | −6,000 |
| Financial Management Information Systems Development | −21,326 |
| Enterprise Data Warehouse | 4,000 |
| Information Management for Crisis Response | 6,000 |
| World Infrastructure Support Environment | 6,000 |
| ILIAD | 3,000 |
| Research, Development, Test and Evaluation, Defense-Wide: | |
| Center for Computer Security | 300 |
| National Guard Multi-Media Security Technology | 2,500 |
| Data Standards for the Integrated Digital Environment | 1,000 |
| DMS Data Warehouse Solution | 1,000 |
| Advanced Distributed Learning Prototypes | 4,000 |
| Standard Procurement System | −2,500 |
| Financial Management System Improvement [Transfer to Defense Working Capital Fund] | −60,000 |
| Protection of Vital Data | 8,000 |
| Computer Science and Internet Security Degree Program | 750 |
| Global Infrastructure Data Capture | 9,000 |
| Joint Analytical Model Improvement Program | −4,000 |
| Global Command and Control System Review | −8,700 |
| Picket Fence | 2,000 |
| SOF Integrated Command and Control System | 4,000 |

TRANSFERS FROM THE DEFENSE EMERGENCY RESPONSE FUND

In addition to the amounts indicated above, $3,554,800,000 has been transferred from amounts requested in the Defense Emergency Response Fund as explained below:

[In thousands of dollars]

| | |
|---|---|
| CINC Homeland Security | $215,000 |
| White House Communications | 3,000 |
| Continuity of Operations—DoD | 534,000 |
| Virtual Pentagon | 214,000 |
| Security, Communications & Information Operations | 2,588,800 |

NAVY MARINE CORPS INTRANET

The Committee agrees with the Navy's intent of transitioning to an Enterprise Architecture with its Navy Marine Corps Intranet (NMCI); however, the Committee is concerned over the Navy's consideration of the significant legacy applications challenge and the pace at which the Navy is seeking to proceed. The NMCI program has been unstable since its inception in fiscal year 1999 because of the Navy's decision to circumvent the requirements of the Clinger-Cohen Act and other DoD acquisition guidelines. The designation of a single command authority to oversee program management pursuant to Public Law enacted last year has been a driving force in getting the program back on track.

Unfortunately, while significant progress has been made in establishing the beginnings of the network, the initial rollout has demonstrated not only the magnitude of this undertaking, but the previously unforeseen challenges it presents. The Committee has heard repeatedly from the Navy, the contractor, and the claimants that failure to identify the existence of tens of thousands of legacy applications, and how or whether they could operate on the network, has severely inhibited transitioning. If unneeded applications are not phased out, those remaining for tactical operations and other uses must be: (1) made secure in order to be accommodated on the NMCI network, or (2) handled separately on a terminal outside of NMCI. The Committee is concerned that this problem has limited the current state of the networks capabilities to such a degree that the system has significantly impacted operations. At one test center the dependence on legacy applications which are not currently on NMCI is so fundamental that more than fifty percent of the workstations require more than one computer—an NMCI terminal and a legacy terminal. It is evident at the test site that seats have not been "cut over" but merely cut in half. While this problem exists, the Navy has proceeded with additional seat orders for additional locations, creating the potential for this crisis to grow exponentially.

The Committee believes strongly that for NMCI to ultimately succeed, progress must be at a more moderately measured pace and with far greater emphasis on understanding the networks capabilities and limitations. Customer test and evaluation has been performed by the contractor to the satisfaction of the Department so as to permit the order of an additional 100,000 seats. However, the Committee is greatly concerned about the relevancy of the testing to the realistic operational environment of the Navy, the independence of the testing, and the sufficiency of the NMCI

workstation sample tested. While the contractor testing report concludes that the system is ready for widespread deployment, excerpts from the report are indicative of this questionable conclusion and clearly demonstrate the shortcomings of the testing. The report states that "Some business processes were not well defined for the testers, limiting the effectiveness of the scenario; other business was not fully represented in the test site population, rendering an end-to-end look impossible. Still other business processes were straightforward but did result in complicated, extensive test procedures with numerous steps, and many business processes required a combination of NMCI and legacy applications, making an end-to-end test wholly on the NMCI system problematic at best". If the NMCI cannot be adequately tested, then the very results upon which the inadequate tests are based must be questioned. While independent operational test and evaluation is now planned for June 2003, it will not occur until over 75 percent or approximately 310,000 of the 411,000 NMCI seats have been ordered and at which time an estimated 100,000 seats will have been fully transitioned to the network. If the history of this program is any indication, significant problems are likely to be discovered when the system is subjected to rigorous operational test and evaluation. Any solutions will have to be deployed to a far greater population on the network, and at greater cost, than if this testing occurred earlier in the fielding of the system.

The Committee notes that authorization has been proposed in other legislation to extend the contract for NMCI with the contractor an additional two years to address delays in transitioning seats to the NMCI environment. This additional time allows a unique opportunity for the program to evaluate its current status, initiate a comprehensive effort to address legacy applications at sites where seats have been transitioned and undergo additional testing. The Committee believes it would be most beneficial for the Navy and NMCI if additional seat orders were delayed as part of this contract extension pending independent operational test and evaluation. Therefore, the Committee has included a general provision that prohibits the Navy from ordering additional seats above the current 160,000 authorized by the Office of the Secretary of Defense, and requires that operational test and evaluation be conducted once there has been a full transition of not less than 20,000 workstations to the Navy-Marine Corps Intranet and the network is robust enough so as to perform adequate testing. The Committee believes that the delay in seat orders that will result will also provide the Navy and the contractor much needed time to address the legacy application problems which will arise from the order of the first 160,000 seats. Furthermore, the Committee expects that like the Marine Corps, by limiting equipment refreshment and using smart lease arrangements as systems prepare to convert to NMCI, the Navy will achieve savings until seat orders are resumed. Accordingly, the Committee has reduced the funding request for non-NMCI information technology.

INFORMATION TECHNOLOGY BUDGET EXHIBITS

The Committee directs that in preparing the IT Capital Investment Exhibit (IT–300s) for major programs, information provided

in the exhibit include the following; (1) The total amount of funds, by program element or sub activity group, appropriated and obligated for prior fiscal years; (2) A specific breakout of such information for the two preceding fiscal years, and an estimate for the current fiscal year; and (3) Funds, by program element or sub activity group, for the budget request.

INFORMATION TECHNOLOGY NETWORK CONSOLIDATION

The Committee believes that the Department of Defense must be more effective in eliminating unneeded legacy systems and consolidating the large number of disparate networks that are maintained. The Committee would cite the Office of the Secretary of Defense, the Washington Headquarters Service and the Defense Logistics Agency as examples of organizations that could achieve significant savings through better efforts in this regard. Accordingly, the Committee has reduced information technology funding for these organizations due to savings from anticipated consolidation.

GIG BANDWIDTH EXPANSION

The Committee strongly supports the proposal to expand bandwidth on the Global Information Grid to 10 gigabytes for certain mission critical bases and installations both in the United States and OCONUS. However, the Committee believes that with the current state of the telecommunications market the Defense Information Systems Agency will be in a strong position to contract for this enormous undertaking at increased savings to the government and the taxpayer than estimated at the time the request was submitted. Accordingly, the Committee has reduced the request for the Global Information Grid bandwidth expansion in anticipation of these contract savings.

INTEGRATION SOFTWARE TECHNOLOGY

As information systems have become increasingly complex, acquisition officials should take steps to enable systems to communicate better with each other to realize much of their untapped value. The Committee recommends that officials should give every consideration to available integration software technology where enterprise architecture and tools can be used to accomplish integration across disparate systems, software applications, and databases, particularly where that technology is already incorporated in the software applications to be integrated, instead of costly customization to integrate systems by manual software coding. The Committee recommends that acquisition strategies should include evaluation of potential savings through the use of such tools.

DEFENSE INTEGRATED MILITARY HUMAN RESOURCE SYSTEM

The Committee is extremely concerned about coordination between the Navy, the Defense Finance and Accounting Service, and the Defense Human Resources Agency in the joint development and implementation of this single integrated personnel and pay system. The three organizations submitted three separate budget exhibits with little or no coordination among them and with incorrect funding justification in one. While the program has received a

substantial increase in the Future Year Defense Plan, the Committee will find it difficult to continue to support increases in the program until the three organizations demonstrate greater coordination and ability to meet milestone schedules.

COMMAND AND CONTROL SYSTEMS

The budget request included $39,772,000 for Navy Deployable Joint Command and Control (DJC2) and $15,604,000 for the Defense Information Systems Agency's Global Command and Control System (GCCS). The Committee has provided no funding for Navy DJC2, and reduced funding for GCCS by $8,700,000. The Committee is concerned about the proliferation of command and control systems throughout the services. While existing systems serve an essential role in our military, the continued research and development of these systems lacks coordination. Funding has been requested for DJC2 as the potential follow on to GCCS, while additional development funds are also being requested for the GCCS. The Committee has provided no funding for DJC2, and limited funds for GCCS only to ongoing programs until more information is provided by the Department of Defense as to the direction and future of these two command and control systems.

ARMY INFORMATION SYSTEMS

The budget request included $279,000,000 for Army Information Systems, an increase of $114,000,000 over the fiscal year 2002 level, or 69 percent. The Committee notes that if fully funded, this request would equal 224 percent growth since fiscal year 2001. In addition, $250,000,000 has been requested and funded in this bill for the Defense Emergency Response Fund for activities funded in this account. The Committee has transferred $6,000,000 in Operation and Maintenance funding requested for C4 requirements for U.S. Pacific Command (PACOM) to this account and reduced funding by $41,000,000. The Committee expects that the requirements for PACOM will be addressed within the funds made available.

INFORMATION ASSURANCE

The Committee has included $1,500,000 for a collaborative information assurance effort with the Software Engineering Institute.

SPACE AND NAVAL WARFARE INFORMATION TECHNOLOGY CENTER (SITC)

The Committee has provided $3,000,000 in Operation and Maintenance, Navy, and $6,000,000 in Research, Development, Test and Evaluation, Navy, only for continuing development, integration, fielding, and maintenance at the SITC. The Committee encourages the Department of the Navy to fully utilize all the capabilities of the SITC to conduct enterprise level reengineering and web-enabling of the legacy systems, and portal integration efforts.

COURSEWARE FOR IT MANAGERS

The Committee has provided $2,000,000 for the development and delivery of courses of instruction in information systems, information security, mobile computing, and geographical information sys-

tems. The courseware will be used to educate defense information technology managers in collaborative working groups using an advanced distance learning system with high-end computing workstations.

ARMY KNOWLEDGE ONLINE

The Committee recommends an increase of $5,000,000 for Army Knowledge Online. Funding is provided to implement the Data Storage Infrastructure, including a synchronous replication capability that mirrors data to a remote location in real time so outages do not impact mission critical operations required during a natural or man-made disaster.

USMC CONTINUITY OF OPERATIONS PLAN

The Committee recommends $7,000,000 in Other Procurement, Marine Corps, for data storage infrastructure to provide remote site mirroring of information to facilitate protection, recovery and guaranteed availability of critical data sources.

CONFIGURATION MANAGEMENT INFORMATION SYSTEMS

The Committee recommends an additional $4,000,000 for the Configuration Management Information Systems (CMIS) to support continued assembly of the CMIS database with the additional Type/Model/Series data required to support the Maintenance Planning effort and process. The maintenance planning activity in this up-tempo operations environment is of critical importance to the warfighter and is of the utmost significance in conducting safe and successful missions.

RESERVE COMPONENT AUTOMATED SYSTEM PROGRAM GUIDANCE

The Committee has strongly supported the Reserve Component Automated System (RCAS) for many years. More than ten years ago the Committee directed that the management of existing RCAS programs be moved from the Army to the National Guard Bureau due to continuing management difficulties. The Committee is pleased with the progress that RCAS has made under the auspices of the National Guard Bureau and continues to support this direction. The Committee directs the centralized management of this critical capability continue under the Chief of the National Guard Bureau. The Committee notes that funding has been programmed for fiscal year 2003 through fiscal year 2007 to assure that this support continues and that the long-deferred renovation of the equipment provided by RCAS begins. The Committee fully supports this funding in fiscal year 2003 through fiscal year 2007 and directs that both the procurement and the operation and maintenance RCAS funds be allocated in their entirety to the Chief of the National Guard Bureau only for the centralized system management of RCAS capabilities. Moreover, the Committee anticipates the National Guard Bureau will extend and expand the scope of RCAS capabilities to meet all of its information and communication needs in the future, especially in light of the efforts to safeguard our homeland while continuing support of the vital military missions of the Guard.

FINANCIAL MANAGEMENT MODERNIZATION PILOTS

The Committee encourages the Department of Defense to proceed with the implementation of pilot programs on financial management modernization in order to perform real time tests and applications, and identify potential challenges and problems that need to be factored into the design and implementation of the planned financial management enterprise system.

# TITLE IV

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION

### ESTIMATES AND APPROPRIATION SUMMARY

The fiscal year 2003 Department of Defense research, development, test and evaluation budget request totals $53,702,299,000. The accompanying bill recommends $57,754,286,000. The total amount recommended is an increase of $4,051,987,000 above the fiscal year 2003 budget estimate and is $8,832,645,000 above the total provided in fiscal year 2002. The table below summarizes the budget estimate and the Committee's recommendations.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| RDTE, ARMY | 6,820,333 | 7,447,160 | +626,827 |
| RDTE, NAVY | 12,496,065 | 13,562,218 | +1,066,153 |
| RDTE, AIR FORCE | 17,564,984 | 18,639,392 | +1,074,408 |
| RDTE, DEFENSE WIDE | 16,598,863 | 17,863,462 | +1,264,599 |
| OPERATIONAL TEST & EVALUATION | 222,054 | 242,054 | +20,000 |
| GRAND TOTAL | 53,702,299 | 57,754,286 | +4,051,987 |

SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or items in paragraphs using the phrase "only for" or "only to" in this report are congressional interest items for the purpose of the Base for Reprogramming (DD 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, or a revised amount if changed during conference or if otherwise specifically addressed in the conference report. These items remain special interest items whether or not they are repeated in a subsequent conference report.

CLASSIFIED ANNEX

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

UNMANNED AERIAL VEHICLE (UAV) ROAD MAP

The Committee is aware that there are a variety of recommendations for how best to use unmanned aerial vehicles (UAVs). The Committee is encouraged by the number of missions which the Services have identified that could be accomplished by UAVs, suggesting that the concept of unmanned vehicles has finally caught the imagination of the leadership within the Department of Defense.

The Committee is, however, concerned that the growing enthusiasm may well lead to a situation in which there is no clear path toward the future of UAVs. The Committee does not believe that transfer of missions to UAVs should be executed without thorough review and comprehensive planning.

Therefore, the Committee directs that each Service submit a report by March 1, 2003 that provides an updated "UAV roadmap." This report should address how the Service will pursue the employment of current UAVs, as well as its future plans for the development of UAVs in support of both the ISR and attack missions.

FUTURE TESTING REQUIREMENTS

The Committee notes that the fiscal year 2003 budget request for several of the research, development, test and evaluation appropriations, includes large increases in both personnel and facilities expenses at Department of Defense test ranges. In the same appropriations, there are budget increases to support an expansion in modeling and simulation capabilities for applicability to testing. Budget increases for these dual and potentially competing methods for testing leads the Committee to believe that there is little coordination on how best to address future integrated testing requirements.

While the Committee fully supports the requirements for testing and has repeatedly emphasized that the Services must conduct a rigorous program of testing weapons systems in the course of development, it is possible that this can be accomplished with a better mix of range time and modeling and simulation techniques. The Committee believes that by more effectively addressing how best to invest in both test ranges and modeling and simulation, the De-

partment could enhance and make more efficient, the testing process.

The Secretary of Defense is requested to provide a report, not later than May 1, 2003, to the House Appropriations Committee that would address these issues. The report should provide an analysis of the capabilities of the test ranges (including potential investment in new equipment) and the capabilities of modeling and simulation techniques, recommend a more effective mix of these two methods of testing, and propose a five-year plan of integrated investment for both ranges and modeling and simulation techniques.

NETWORK CENTRIC-WARFARE

The Committee believes that the overall interests of the Department of Defense and the Intelligence Community would be best served by quickly moving to a network-centric environment. The Committee believes that significant benefits would accrue from this move including: a more effective use of the data currently being collected; a more efficient or effective use of current and planned platforms; an ability to better use and protect resources—both human and financial; and, the unifying means required for transforming our Forces.

*Network-Centric Warfare Programs*

The Services have initiated a number of programs designed to move toward a network-centric solution for sharing of intelligence, surveillance, and reconnaissance (ISR) data. The overall goal of these programs is to provide for timely exploitation and dissemination of ISR data to the tactical commanders.

The Committee has been supportive of these programs but understands that it is difficult for "network solutions" to compete with the acquisition of additional platforms. The Services, while lending voice to the need for a network-centric warfare approach, have been able to provide only limited funding for their network-centric projects in the fiscal year 2003 budget request. Therefore, the Committee has provided an additional $28,000,000 for specific projects already included in the President's budget request, to continue the development and deployment of these projects.

The backbone of the Department's efforts to enhance data dissemination as part of its network-centric approach is the Army Distributed Common Ground Station (DCGS). The Committee has provided an additional $10,000,000 for this program in the Research, Development, Test and Evaluation, Army appropriation. The Committee directs the Army use these funds to continue planned upgrades to and deployments of the system, especially those systems supporting the U.S. Central Command.

The Navy's Naval Fires Network (NFN) project is funded in the Land Attack Technology program in the Research, Development, Test and Evaluation, Navy appropriation. The Committee has provided an additional $10,000,000 for this program. The Committee directs that the Navy use these funds to continue architecture design, study and initiate a design for a Joint Fires Center, improve training devices, support major Fleet exercises, and incorporate the UAV Tactical Control System functionality into the NFN system.

The Air Force Network Centric Collaborative Targeting (NCCT) project is funded in the Manned Reconnaissance program in the Research, Development, Test and Evaluation, Air Force appropriation. The Committee has provided an additional $8,000,000 for this program. The Committee directs the Air Force to use these funds to support NCCT efforts in connection with the multi-mission command and control aircraft (MC2A) project and continue development and deployment of the system.

*Data Management*

To advance a network-centric environment with all of its attendant advantages, the Committee recognizes the need for several key capabilities, which would be implemented within the Department's Global Information Grid:

1. There must be a network that users trust and on which they can depend. The inherent design and implementation of the network must significantly reduce or eliminate long-standing impediments to widespread use. Most importantly, the network must have sufficient bandwidth to support on-demand low latency access to data and must incorporate appropriate assurance measures.

2. Tools must be provided to support the use of data to create situational awareness and enable users to properly evaluate the information. These tools must support access to raw and processed data and information sources, must include capabilities for creating the most current "picture" for a user on-demand, and allow for collaboration with other users on-demand, and again, without regard for time and place.

3. Key to a net-centric environment is data. Mechanisms and processes must be in place to enable data and information collectors and creators to post and maintain data and information as authoritative sources. Users must trust the data and have the capability to pull it on demand from these authoritative sources. The approach to data and information must allow for migration by current systems, intuitive search and retrieval methods, compatibility with the tools described above, and appropriate security provisions.

The Committee directs the Chief Information Officer of the Department of Defense to develop an approach to ensure data that can be used for all sources and users. The CIO should submit a report to the Committee by February 15, 2003, that would describe how best to resolve the issues associated with "trusted data."

EVOLUTIONARY ACQUISITION AND SPIRAL DEVELOPMENT

While the Committee is supportive of the Department's efforts in pursuing evolutionary acquisition and spiral development, it has found that many programs lack a clear understanding of these terms and how they affect program management. The Services have used the terms "evolutionary acquisition" and "spiral development" interchangeably, interpreted the terms in non-standard ways, and have potentially applied the terms inappropriately to systems currently under development.

According to the DoD Directive 5000 series, 'Evolutionary Acquisition' is the process of developing and testing an initial, military useful capability (Block 1) while planning for subsequent development of increments of additional capability (Blocks 2, 3 and be-

yond). This is distinct from 'Spiral Development', which is an iterative process for refining requirements within an increment or block. Neither of these approaches provides an automatic waiver from existing DoD regulations.

The Committee directs the Under Secretary of Defense (Comptroller) to ensure that budget justification material uses these terms correctly and that project descriptions identify when programs using this approach have been given a waiver from any DoD 5000 series requirement.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $7,106,074,000 |
| Fiscal year 2003 budget request | 6,820,333,000 |
| Committee recommendation | 7,447,160,000 |
| Change from budget request | +626,827,000 |

This appropriation finances the research, development, test and evaluation activities of the Department of the Army.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 1 | IN-HOUSE LABORATORY INDEPENDENT RESEARCH | 22,998 | 18,998 | -4,000 |
| | Reduce Programmed Growth | | | -4,000 |
| 2 | DEFENSE RESEARCH SCIENCES | 139,633 | 141,633 | 2,000 |
| | Reduce Programmed Growth | | | -1,000 |
| | PASIS: Perpetually Assailable and Secure Information Systems, Research, Training and Education | | | 3,000 |
| 3 | UNIVERSITY AND INDUSTRY RESEARCH CENTERS | 74,855 | 73,055 | -1,800 |
| | Reduce Programmed Growth | | | -1,800 |
| 4 | MATERIALS TECHNOLOGY | 18,659 | 23,659 | 5,000 |
| | Precision magnetorheological fluids to polish large optics | | | 4,000 |
| | Advanced Coatings Research to Extend the Service Life of Vehicles and Equipment | | | 1,000 |
| 6 | TRACTOR HIP | 6,839 | 10,339 | 3,500 |
| | Ditributed Chemical Agent Sensing and Transmission (DICAST) | | | 3,500 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 9 | MISSILE TECHNOLOGY | 31,884 | 56,384 | 24,500 |
| | Quantum Optics | | | 1,000 |
| | MEMS Technology Development Acceleration | | | 15,000 |
| | LENS Facility Modifications for Advance Testing of Endo- and Exo-Missile Interceptors and Launch Vehicles (Note: only to assemble a system to be employed in large-scale Shock-Tunnel/Ludweig Tube Facility at the Army's Aerothermal and Aero-optics Evaluation Center) | | | 2,000 |
| | Multiple Component Army Flight Test | | | 3,000 |
| | MEMS IMU/M-Code GPS (Note: only to accelerate the development of low-cost guidance units for precision guided weapons and munitions through MEMS IMU/M-code GPS technology integration) | | | 3,500 |
| 10 | ADVANCED WEAPONS TECHNOLOGY | 11,208 | 23,208 | 12,000 |
| | Rapid Target Acquisition Tracking System (RTATS) | | | 4,000 |
| | MEMS for Defense Applications | | | 5,000 |
| | High Intensity Laser Diode Arrays for SSHCL (Note: only to build industrially developed solid state laser diode arrays for the Solid State Heat Capacity Laser Weapon program) | | | 3,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 11 ADVANCED CONCEPTS AND SIMULATION | 20,634 | 23,134 | 2,500 |
| Institute for Creative Technologies (Simulation Capabilities for the Warfighter) | | | 2,500 |
| 12 COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY | 55,763 | 68,263 | 12,500 |
| Nuclear, Biological, and Chemical (NBC) Agent Water Contamination Monitoring and Removal Technologies | | | 2,000 |
| Combat Vehicle Mobility System | | | 4,000 |
| Integration of Army Voice Interactive Device with Onboard Central Processing Unit | | | 2,000 |
| Military Wheeled Vehicle Electronic Architecture Integration (EAI) | | | 2,000 |
| National Automotive Center University Research Coalition Manufacturing and Design | | | 2,500 |
| 13 BALLISTICS TECHNOLOGY | 74,094 | 60,948 | -13,146 |
| Reduce Programmed Growth | | | -13,146 |
| 14 CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY | 3,675 | 8,675 | 5,000 |
| Advanced Sensors and Obscurants | | | 2,000 |
| Metallic Particles in Defense Applications (MPDA) Obscurant Smokes | | | 3,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 16 WEAPONS AND MUNITIONS TECHNOLOGY | 38,090 | 96,090 | 58,000 |
| Phyto-Extraction mil decontamination | | | 2,000 |
| Public Private Partnership, Non-Munitions | | | 2,500 |
| Applied Research Integration | | | 2,000 |
| Homeland Defense Technologies | | | 7,000 |
| Green Armaments Technology | | | 8,000 |
| Nano Technology in SmartCoatings Partnership | | | 2,500 |
| Nano Technology for Smart Munitions | | | 2,000 |
| Generation-2 Warhead Development (X-caliber) Explosively Formed Penetrators | | | 2,000 |
| Information Assurance | | | 5,000 |
| Seamless Data Display (SDD) | | | 3,000 |
| Single Crystal Tunsten Alloy Penetrators | | | 5,000 |
| Alloy Tungsten (LA-T) Armor Piercing Ammunition (Note: only to continue research, development, performance verification, system integration and demonstration of LA-T as a high performance kinetic energy armor piercing ammunition) | | | 5,000 |
| Armament Systems Network IA Center | | | 4,000 |
| Corrosion Measurement & Control Project | | | 4,000 |
| M795 Extended Range HE Baseburner Projectile | | | 4,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 17 | ELECTRONICS AND ELECTRONIC DEVICES | 27,448 | 58,048 | 30,600 |
| | Logistics Fuel Reformer Development Program (Note: only to continue development of fuel reformers) | | | 2,500 |
| | Center for Advanced Fuel Cell Technology (NDCAFCT) | | | 2,000 |
| | Soldier Fuel Cell System | | | 1,500 |
| | Cylindrical Zinc Air Battery for Land Warrior Applications | | | 2,000 |
| | Improved High Rate Alkaline Cell | | | 1,500 |
| | Rechargeable Cylindrical Cell System--Lithium Ion/Nickel Metal Hydride | | | 2,000 |
| | Dry Polymer Extrusion for Battery Cathode and Electrode Research | | | 4,300 |
| | Extrusion on Multilaminate Battery Packaging | | | 5,300 |
| | Solid State Polymer Battery for Land Warrior System | | | 2,000 |
| | Intelligent Power Control for Sheltered Systems | | | 4,500 |
| | Liquid Silicone Lithium Rechargeable Battery | | | 3,000 |
| 19 | COUNTERMINE SYSTEMS | 13,186 | 18,686 | 5,500 |
| | Acoustic Technology for Landmine Detection | | | 5,500 |
| 20 | HUMAN FACTORS ENGINEERING TECHNOLOGY | 17,415 | 25,415 | 8,000 |
| | Omni Direction Treadmill Upgrade | | | 5,000 |
| | MANPRINT Modeling | | | 3,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 21 ENVIRONMENTAL QUALITY TECHNOLOGY | 23,018 | 26,018 | 3,000 |
| Rangesafe | | | 3,000 |
| 22 COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY | 21,821 | 24,821 | 3,000 |
| Mobile Emergency Broadband System | | | 3,000 |
| 24 MILITARY ENGINEERING TECHNOLOGY | 51,124 | 55,124 | 4,000 |
| DoD Stationary Fuel Cell Buy Down Program | | | 4,000 |
| 25 MANPOWER/PERSONNEL/TRAINING TECHNOLOGY | 14,335 | 18,335 | 4,000 |
| Refugee Management and Tracking System | | | 4,000 |
| 26 WARFIGHTER TECHNOLOGY | 25,502 | 38,502 | 13,000 |
| Soldier Systems Center (Note: only to support continued research in the combat feeding program) | | | 3,000 |
| Center for Reliable Wireless Communications Technology for Digital Battlefield (WAND Lab) | | | 3,000 |
| Standoff Precision Aerial Delivery System (S/PADS) aerial drops | | | 5,000 |
| Chemical, Biological Command, Natick Soldier Center | | | 2,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 27 MEDICAL TECHNOLOGY | 67,476 | 131,476 | 64,000 |
| Battlefield Surgical Tissue Repair and Replacement | | | 2,500 |
| Bone Health | | | 1,500 |
| Center for Military Biomaterials Research | | | 1,000 |
| Clinical Trial utilizing a Piezoelectric Dry Powder Inhalation Device | | | 2,000 |
| Controlling Mosquito and Tick Transmitted Disease | | | 3,500 |
| Diagnostics in Traumatic Brain Injury-Blood Based | | | 3,000 |
| Emergency Hypothermia for Advanced Combat Casualty and delayed resusitation | | | 2,600 |
| Future Medical Shelter System | | | 2,000 |
| Medical Area Network for Virtual Technologies | | | 4,000 |
| Minimally Invasive Surgery Modeling and Simulation | | | 3,500 |
| Operating Room of the Future | | | 3,000 |
| Pre-Clinical and Clinical Evaluation of High Resolution Moble Gamma Camera and Positron Imaging Devices | | | 2,000 |
| Portable Biochip Analysis System for Rapid Detection of Biowarfare Agents | | | 3,000 |
| Remote Acoustic Hemostasis | | | 10,400 |
| Rugged Textile Electronic Garments | | | 2,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| | Synchrotron Based Scanning Research (Note: $8 million only to continue Synchrotron-based scanning for precision proton therapy, delivery to breast and lung tumor sites; $5 million for development of advaced diagnostic Synchrotron-based imaging techology; and $2 million to continue expansion of proton telemedicine initiatives.) | | | 15,000 |
| | Tissue Engineering Initiative | | | 3,000 |
| 30 | WARFIGHTER ADVANCED TECHNOLOGY | 50,262 | 48,262 | -2,000 |
| | Objective Force Warrior | | | -3,500 |
| | Metrology | | | 1,500 |
| 31 | MEDICAL ADVANCED TECHNOLOGY | 16,590 | 204,090 | 187,500 |
| | Biology, Education, Screening, Chemoprevention and Treatment (BESCT) Lung Cancer Research Program (MDACC) | | | 9,500 |
| | Bioprocessing Initiative | | | 4,000 |
| | Blood Safety (Note: only for the continuation of the current program to provide improved blood products and safety systems compatible with military field use.) | | | 11,000 |
| | Brain Biology and Machine Initiative | | | 3,000 |
| | Center for Integration of Medicine and Innovative Technology (CIMIT) | | | 5,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| Center for Untethered Health Care | | | 1,000 |
| Clinical Information Systems Initiative | | | 2,000 |
| Combat Trauma Simulation Program (CTPS) | | | 6,000 |
| Comparative Functional Genomics Initiative | | | 3,000 |
| Hemoglobin Based Oxygen Carrier | | | 7,000 |
| Institute for Research and Education | | | 6,000 |
| Intravenous Membrane Oxygenator | | | 1,000 |
| Joint U.S.-Norwegian Telemedicine | | | 4,000 |
| Joslin Diabetes Project | | | 5,000 |
| Joint Diabetes Project | | | 5,000 |
| Life Support for Trauma and Transport (LSTAT) | | | 2,500 |
| Medvizer Secure Telemedicine Program | | | 3,000 |
| Mobile Integrated Diagnostic and Data Analysis System (MIDDAS) | | | 2,000 |
| Molecular Genetics and Musculoskeletal Research Program (Note: only to continue the current program) | | | 10,000 |
| National Bioterrorism Civilian Medical Response Center (CIMERC) | | | 4,000 |
| National Center for Behavioral Genomics | | | 3,000 |
| National Functional Genomics Center | | | 10,000 |
| Neurofibromatosis Research Program (NF) | | | 23,000 |
| Neurology Gallo Center-alcoholism research | | | 5,000 |
| Neurotoxin Exposure Treatment Research Program (NETRP) Parkinsons & neurological disorders | | | 25,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| Polynitroxylated Hemoglobin | | | 1,000 |
| Prostate Cancer Research-Gallo Center | | | 1,500 |
| Retinal Scanning Display Technology | | | 4,000 |
| Saccadic Fatigue Measurement | | | 1,000 |
| Stable Hemostat | | | 3,500 |
| Technologies for Metabolic Monitoring | | | 2,500 |
| Disaster Relief and Emergency Medical Services T5 Program | | | 11,000 |
| Vectored Vaccine Research Program | | | 3,000 |
| 32 AVIATION ADVANCED TECHNOLOGY | 45,404 | 43,496 | -1,908 |
| Reduce Programmed Growth | | | -6,908 |
| Radar Surveillance and Assimilation Network | | | 5,000 |
| 33 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY | 66,514 | 68,514 | 2,000 |
| Reduce Programmed Growth | | | -8,500 |
| Development Mission Integration | | | 5,000 |
| Blended Metals Technology Small Arms Ammunition (Note: only to support government-wide testing of revolutionary small arms ammunition with full spectrum of lethal and penetrating effects.) | | | 1,500 |
| SMAW-D (Disposable Confined Space) | | | 4,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 34 COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY | 229,778 | 272,760 | 42,982 |
| Reduce Programmed Growth | | | -9,018 |
| | | | |
| Truck Research (Note: only for a Center for Automotive Research) | | | 1,000 |
| Rotary, Multi Fuel, Auxiliary Power Unit Development Program | | | 3,000 |
| Fuel Catalyst | | | 1,500 |
| Mobile Parts Hospital | | | 7,000 |
| NAC Standardized Exchange of Product Data (N-STEP) | | | 2,000 |
| Digital Human and Virtual Reality for Future Combat System (Note: DARPA PE 0603764E) | | | 4,000 |
| Hybrid Electric Drive | | | 3,000 |
| Aluminum Reinforced MMC's for Track Shoes on Ground Based Vehicles | | | 3,000 |
| Advanced Thermal Management System | | | 2,000 |
| | | | |
| Geisel (Note: only to complete development of Geisel 6V53T diesel engine prototype and high power density Geisel opposed 2-stroke engine prototype for laboratory performance and durability testing) | | | 2,500 |
| Integrated Program Management Framework (Program Link) | | | 2,000 |
| Ultra-high Performance Hybrid Structures and Armors | | | 3,000 |
| Electrochromatic glass for combat vehicles | | | 2,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| | Future Scout and Cavalry Vehicle demonstration | | | 10,000 |
| | Objective Force Cost Module | | | 6,000 |
| 36 | MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY | 3,527 | 7,527 | 4,000 |
| | Army Training Support Center Education Training | | | 4,000 |
| 44 | EW TECHNOLOGY | 11,600 | 23,100 | 11,500 |
| | AN/AVVR-1 Laser Warning Receivers | | | 4,000 |
| | Multi-Functional Intelligence & Remote Sensing System | | | 7,500 |
| 45 | MISSILE AND ROCKET ADVANCED TECHNOLOGY | 87,890 | 103,390 | 15,500 |
| | Hypervelocity Missile Program Growth | | | -5,500 |
| | Loitering Attack Munition for Aviation (LAM-A) | | | 5,000 |
| | CKEM Distributed Prototyping Simulation | | | 2,000 |
| | Army Maintenance and Manufacturing Organization (AMMO) (Note: only to focus on remanufacturing efforts through advanced materials and materials processing technologies.) | | | 5,000 |
| | Volumetrically Controlled Manufacturing | | | 9,000 |
| 47 | LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY | 24,104 | 25,104 | 1,000 |
| | Landmine Detection System using Terahertz Radiation Technology | | | 1,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 48 JOINT SERVICE SMALL ARMS PROGRAM | 6,013 | 13,013 | 7,000 |
| Anti-Material Sniper Rifle (AMSR) | | | 7,000 |
| 50 NIGHT VISION ADVANCED TECHNOLOGY | 36,494 | 78,494 | 42,000 |
| Passive Millimeter Wave Imager | | | 6,000 |
| BUSTER UAV (Note: only for continued development of the BUSTER backpack UAV) | | | 15,000 |
| Personal Miniature Thermal Vision System | | | 1,000 |
| Multi-Color, Multi-Functional Focal Plane Array (FPA) for Targeting and Fire Control (Note: only for advanced development, integration and testing of next generation infrared focal plane arrays and related technologies) | | | 5,000 |
| Sensor Technology for Force Protection (Note: only for advanced technology to support the global war on terror, force protection, and peace keeping operations. This technology is to be explored for operations and security for both land and sea through the use of a varitey of methods to include advanced sensors; cameras and biometrics assited monitoring devices for entry/ exist control; and underwater chemical and intrusion detection devices.) | | | 13,000 |
| Firefighter and Warfighter Helmet Mounted Thermal Imaging Camera | | | 2,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 51 | ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS | 8,980 | 12,980 | 4,000 |
| | Proton Exchange Membrane (PEM) Fuel Cell Demonstration Program | | | 4,000 |
| 52 | MILITARY ENGINEERING ADVANCED TECHNOLOGY | 2,921 | 9,921 | 7,000 |
| | DoD Fuel Cell Test and Evaluation Center | | | 7,000 |
| 53 | ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY | 21,674 | 22,674 | 1,000 |
| | Automated Passive Propagation Sensor/Analyzer (Note: only for the Weather Intelligence and Prediction Advances through Atmospheric Propogation Research and Experimentation. ) | | | 1,000 |
| 55 | ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL) | 7,417 | 43,917 | 36,500 |
| | P3 Power Systems (Note: only to develop a micro engine to operate off of waste heat more efficiently than batteries) | | | 1,500 |
| | Supercluster Distributed Memory Technology | | | 3,000 |
| | Gallium Nitride High Power Microwave Switch | | | 3,000 |
| | Battlefield Ordnance Awareness (BOA) | | | 3,000 |
| | Thermionics Technology | | | 4,000 |
| | Advanced Battery Technology | | | 2,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| | Mobile Tactical High Energy Laser (MTHEL) | | | 10,000 |
| | Cooperative Micro-Satellite Experiment | | | 10,000 |
| 58 | TANK AND MEDIUM CALIBER AMMUNITION | 11,354 | 20,354 | 9,000 |
| | Mid Range Munition/Tank Extended Range Munition Tri-Mode Munition | | | 1,000 |
| | Global Positioning System Interference Supression Unit | | | 1,000 |
| | Mid-Range Munition (MRM) KE | | | 7,000 |
| 59 | ADVANCED TANK ARMAMENT SYSTEM (ATAS) | 124,108 | 150,908 | 26,800 |
| | Interim Armored Vehicle (IAV)--Mobile Gun System, Vehicle Testing | | | 23,800 |
| | Common Remote Stabilized Sensor System (CRS3) (Note: only for the Advanced Tank Armament System to accelerate design and qualification testing of the Common Remote Stabilized Sensor System (CRS3)) | | | 3,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 64 | ENVIRONMENTAL QUALITY TECHNOLOGY DEM/VAL | 9,331 | 27,331 | 18,000 |
| | Dual Use Commercialization | | | 4,500 |
| | Casting Emissions Reduction Program (CERP) | | | 3,000 |
| | Casting Emissions Reduction Program (CERP) for GM Demonstration site in Saginaw, MI | | | 1,000 |
| | Technology Development for Unexploded Ordnance in Support of Military Readiness (Note: Only for the National Defense Center for Environmental Excellence to demonstrate and validate technologies to efficiently identify, characterize and remediate Unexploded Ordnance.) | | | 5,000 |
| | Continuation of technology to reduce non-hazardous waste | | | 2,000 |
| | Vanadium Technology Program | | | 2,500 |
| 66 | NATO RESEARCH AND DEVELOPMENT | 8,773 | 4,000 | -4,773 |
| | Reduce Programmed Growth | | | -4,773 |
| 67 | AVIATION - ADV DEV | 8,643 | 12,643 | 4,000 |
| | Virtual Cockpit Optimization Program (VCOP) (Note: only to develop full color, high resolution retinal scanning displays for rotorcraft) | | | 4,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 69 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV | 11,419 | 6,419 | -5,000 |
| Reduce Programmed Growth | | | -5,000 |
| 74 ARTILLERY SYSTEMS - DEM/VAL | 5,200 | 373,700 | 368,500 |
| Objective Force--Indirect Fire (Transfer from Armored Systems Modernization) | | | 195,500 |
| Objective Force--Indirect Fire (Technology Integration) | | | 173,000 |
| 76 MEDIUM EXTENDED AIR DEFENSE SYSTEM (MEADS) CONCEPTS - | 117,745 | 0 | -117,745 |
| Transfer to RDT&E, Defense-Wide | | | -117,745 |
| 77 AIRCRAFT AVIONICS | 40,308 | 41,808 | 1,500 |
| Airborne Separation Video System | | | 1,500 |
| 80 EW DEVELOPMENT | 22,819 | 39,719 | 16,900 |
| Electronic Warfare--Transfer from DERF | | | 15,900 |
| Upgrades to the Leviathon COMINT system for SOCOM | | | 1,000 |
| 82 ALL SOURCE ANALYSIS SYSTEM | 42,322 | 54,622 | 12,300 |
| All Source Analysis System (ASAS)--Transfer from DERF | | | 12,300 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 92 | TACTICAL UNMANNED GROUND VEHICLE (TUGV) | 0 | 2,000 | 2,000 |
| | Viking Mine Clearing System (Note: only to complete development and pre-series production testing for the Viking Mine Clearing System in the Army's Tactical Unmanned Ground Vehicle.) | | | 2,000 |
| 94 | ARMORED SYSTEMS MODERNIZATION (ASM)-ENG DEV | 369,869 | 174,369 | -195,500 |
| | Objective Force--Indirect Fire (transfer to Artillery Systems dem/val) | | | -195,500 |
| 96 | NIGHT VISION SYSTEMS - ENG DEV | 32,328 | 39,328 | 7,000 |
| | Avenger Upgrade of 1st Generation Forward Looking Infrared (FLIR) Equipment | | | 7,000 |
| 97 | COMBAT FEEDING, CLOTHING, AND EQUIPMENT | 94,474 | 92,274 | -2,200 |
| | Reduce Programmed Growth | | | -4,200 |
| | Extended Cold Weather Clothing System | | | 2,000 |
| 98 | NON-SYSTEM TRAINING DEVICES - ENG DEV | 43,650 | 68,650 | 25,000 |
| | National Training Center Fiber Optic Network (Note: to design and install a Common Training Instrumentation Architecture (CITA) compliant fiber optic network.) | | | 25,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 105 AUTOMATIC TEST EQUIPMENT DEVELOPMENT | 11,839 | 13,839 | 2,000 |
| Integrated Family of Test Equipment | | | 2,000 |
| 106 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENGINEERING | 21,487 | 19,087 | -2,400 |
| Computer Generated Forces | | | -2,400 |
| 107 TACTICAL SURVEILLANCE SYSTEMS - ENG DEV | 56,662 | 59,662 | 3,000 |
| Broadband Intelligence Training System | | | 3,000 |
| 108 BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) | 190,293 | 38,060 | -152,233 |
| Brilliant Anti-Armor Submunition (BAT)--Transfer from DERF | | | 0 |
| Return Program to Science and Technology Base | | | -152,233 |
| 114 WEAPONS AND MUNITIONS - ENG DEV | 41,758 | 52,158 | 10,400 |
| Mortar Anti-Personnel Anti-Materiel | | | 1,000 |
| 155mm M795E1 Extended Range Base Burner | | | 3,000 |
| Common Remotely Operated Weapon Station (CROWS) (Note: only for integration of pre-planned product improvements with intention of reducing weight, profile and unit cost, integration of sensor improvements, design data communication bus and interface to Armored Security Vehicles) | | | 3,400 |
| Pyrotechnic Self-Destruct Fuze | | | 3,000 |

| | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 115 LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV | 65,857 | 68,857 | 3,000 |
| 2kW Military Tactical Generator Product Improvements (Note: only for the purpose of providing product improvements in the areas of weight and noise reduction for the Army's current, lightweight, manportable 2kW military tactical generator.) | | | 3,000 |
| 116 COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG DEV | 82,238 | 90,238 | 8,000 |
| Applied Communications and Information Network (ACIN) | | | 8,000 |
| 117 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT | 12,625 | 22,125 | 9,500 |
| Cartledge Infuser | | | 3,000 |
| Raman Chemical Imaging Biothreat Detection Program [Note: Only for continued chemical imaging biothreat database development and field hardening of a transportable chemical imaging microscope.] | | | 6,500 |
| 118 LANDMINE WARFARE/BARRIER - ENG DEV | 128,992 | 114,992 | -14,000 |
| Reduce Programmed Growth | | | -14,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 121 | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE | 80,672 | 102,410 | 21,738 |
| | Reduce Programmed Growth | | | -3,000 |
| | Realignment from Aircraft Procurement, Army | | | 17,738 |
| | TOC 3D & Survivable Carrier (CECOM) (Note: Only to leverage the Army's Advanced Warfare Environment's commercial 3D display technology development to support the Army's command and control modernization initiatives.) | | | 7,000 |
| 126 | PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION - EM | 150,819 | 0 | -150,819 |
| | Transfer to RDT&E, Defense-Wide | | | -150,819 |
| 131 | RAND ARROYO CENTER | 22,148 | 20,000 | -2,148 |
| | Reduce Programmed Growth | | | -2,148 |
| 135 | ARMY TEST RANGES AND FACILITIES | 144,183 | 113,451 | -30,732 |
| | Reduce Programmed Growth | | | -30,732 |
| 136 | ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS | 43,222 | 34,719 | -8,503 |
| | Reduce Programmed Growth | | | -8,503 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 137 | SURVIVABILITY/LETHALITY ANALYSIS | 39,200 | 34,514 | -4,686 |
| | Reduce Programmed Growth | | | -4,686 |
| 138 | DOD HIGH ENERGY LASER TEST FACILITY | 14,410 | 15,910 | 1,500 |
| | Sealite Camera Upgrade HELSTF | | | 1,500 |
| 145 | PROGRAMWIDE ACTIVITIES | 78,452 | 64,952 | -13,500 |
| | Reduce Programmed Growth | | | -13,500 |
| 146 | TECHNICAL INFORMATION ACTIVITIES | 34,040 | 49,540 | 15,500 |
| | Army High Performance Computing Research Center (AHPCRC) | | | 15,500 |
| 147 | MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY | 16,014 | 37,014 | 21,000 |
| | Public Private Partnership | | | 9,000 |
| | Life Cycle Pilot Process | | | 7,000 |
| | Manufacturing RDE Center, Nanotechnologies | | | 2,000 |
| | Micro Electrical Mechanical Systems Technology Applications | | | 2,000 |
| | CVT Detection for Automated Munitions Inspection and Surveillance | | | 1,000 |
| 153 | AEROSTAT JOINT PROJECT OFFICE | 29,081 | 31,081 | 2,000 |
| | Lightweight X-Band Radar Antenna Technology | | | 2,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 154 | DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCT | 0 | 3,000 | 3,000 |
| | WMD 1st Responder Training at National Preparedness Institute | | | 3,000 |
| 155 | ADV FIELD ARTILLERY TACTICAL DATA SYSTEM | 42,161 | 52,161 | 10,000 |
| | AFATDS | | | 10,000 |
| 156 | COMBAT VEHICLE IMPROVEMENT PROGRAMS | 83,065 | 84,065 | 1,000 |
| | Combat Vehicle Improvement Program (Note: only for the continuing development and evaluation of a new generation electronics architecture and other migrating rearchitecture projects for the Bradley Fighting Vehicle and other combat vehicles). | | | 1,000 |
| 159 | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 3,689 | 9,189 | 5,500 |
| | Liquid or Light-air End (LOLA) Boost Pump | | | 1,500 |
| | Universal Fuel Authority Digital Engine Control (FADEC) | | | 4,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 160 | DIGITIZATION | 28,968 | 34,968 | 6,000 |
| | DISM (Note: only to continue research to enable full integration of DISM equipment with all SINCGARS radio sets.) | | | 4,000 |
| | University XXI Effort--Digitization at Ft. Hood | | | 2,000 |
| 169 | SECURITY AND INTELLIGENCE ACTIVITIES | 5,438 | 25,938 | 20,500 |
| | Distributed Data Visualization & Management | | | 8,000 |
| | Expanded Processing for Intelligence Data Analysis | | | 2,500 |
| | INSCOM Global Information Portal | | | 5,000 |
| | Asymmetric Warfare Intelligence Analysis Advanced Tool Set | | | 4,000 |
| | Project Madison | | | 1,000 |
| 170 | INFORMATION SYSTEMS SECURITY PROGRAM | 14,844 | 18,844 | 4,000 |
| | Information Systems Security Program (Note: only for rapid prototyping of combined bandwidth management technology that includes dynamic allocation, information security and networkling/knowledge management) | | | 4,000 |
| 171 | GLOBAL COMBAT SUPPORT SYSTEM | 71,864 | 51,864 | -20,000 |
| | Reduction | | | -20,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 175 | TACTICAL UNMANNED AERIAL VEHICLES | 57,879 | 81,779 | 23,900 |
| | Tactical Unmanned Aerial Vehicles--Transfer from DERF | | | 12,100 |
| | Mini-backpack UAV | | | |
| | Tactical Unmanned Aerial Vehicle (Note: only to provide one I-GNAT system with sensors, spares, training, logistics and deployment support to develop TTP for Army medium range UAV employment) | | | 11,800 |
| 176 | AIRBORNE RECONNAISSANCE SYSTEMS | 4,882 | 11,382 | 6,500 |
| | Hyperspectral Long Wave Imager for the Tactical Environment | | | 4,000 |
| | HyLITE (Note: only to develop an extended bandwidth longwave detector, enhanced target detection algorithms, and to incorporate target detection hardware and algorithms.) | | | 2,500 |
| 177 | DISTRIBUTED COMMON GROUND SYSTEMS | 15,683 | 42,083 | 26,400 |
| | Distributed Common Ground Station (JMIP)--Transfer from DERF | | | 24,700 |
| | Request Duplicates Supplemental Funding | | | -8,300 |
| | Only to continue upgrades to DCGS | | | 10,000 |

| | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 178 | END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES | 61,025 | 68,525 | 7,500 |
| | Industrial Short Pulse Laser Development/Femtosecond Laser | | | 3,500 |
| | Reactive Atom Plasma Processing | | | 2,500 |
| | 21st Century High Technology for Legacy Parts Reinvention (Note: only for an advanced center for laser data acquisition and reverse engineering that leverages the existing solid model creation capability). | | | 1,500 |

CRUSADER

On May 29, 2002, the Administration proposed an amendment to the fiscal year 2003 budget request reflecting the decision to terminate the Crusader artillery system program. The budget amendment also proposed reallocating the $475,609,000 originally proposed in the fiscal year 2003 President's Budget for the Crusader program to accelerate development of a next generation Objective Force—Indirect Fire artillery system, and to accelerate development of precision cannon projectiles and rocket systems.

Despite the work of the last 8 years costing roughly $2 billion to develop the Crusader system, the Administration has concluded that the nature and role of artillery support should change in the future due to a "different strategic context," and that the Army should place greater emphasis on precision and mobility. The Committee is troubled by many aspects of the process which resulted in this decision, in particular the apparent failure to fully consult with the senior Army military leadership as final recommendations were being devised.

In this case, the Department has chosen to accept the risk of giving up a superior rate of fire (an increase from 3 rounds per minute to 10-12 rounds per minute) and range (from 30 kms to 40 kms) in return for acceleration of other technologies that offer the potential of greater accuracy and deployability. The Committee notes that this new approach accepts more risk for American ground forces if the planned improvements in precision munitions do not come to fruition. However, the Committee also recognizes that the Army's own transformation plan centering on the Future Combat System (FCS) of the Objective Force does not include the Crusader system. Since the Army has moved up planned fielding of the initial variants of the FCS to the 2008 timeframe, the overlap between the planned 2008 first unit equipped (FUE) date of the Crusader and the new FCS timetable make the Crusader obsolete by the Army's own definition. Accordingly, with some degree of trepidation over the risk inherent in this new plan, the Committee approves the Administration's recommendation to terminate the Crusader program.

With the acknowledged gaps in the Army's heavy artillery firepower compared to potential adversaries and the termination of the Crusader system, the Committee believes that the Department must turn expeditiously to developing new indirect fire systems to ensure that the Army will have sufficient firepower to support the Objective Force in the 2008 timeframe. The Committee is aware that the Crusader program achieved major technological advances to meet the Army's indirect fire requirements, and firmly believes that these technologies must be retained and integrated into emerging Objective Force platforms. Examples include a liquid cooled cannon, ammunition autoloader mechanism, digital fire control and targeting computers, and a glass cockpit. In addition, simulation and design facilities and a cadre of highly skilled engineers and technical personnel have been assembled during the development of the Crusader program which cannot be fully replaced if this team is disassembled. In the Committee's view, the technical

team and facilities should be retained to further develop an organic indirect fire cannon artillery system for the Army's Objective Force.

The budget amendment provides $195,500,000 to migrate Crusader-based technologies to support Objective Force—Indirect Fire requirements. Despite this funding, the Committee recognizes and agrees with the prevailing view that the migration of Crusader technologies will not succeed in the absence of a suitable platform to support both the physical demands of the cannon, and to meet Army Objective Force mobility requirements. Accordingly, the Committee recommends a total of $368,500,000, for Objective Force—Indirect Fire, an increase of $173,000,000 above the budget amendment, to provide for integrating cannon technologies with a suitable platform, and munitions, and to ensure that such a system can be delivered not later than fiscal year 2008.

The bill contains a general provision, Sec. 8121, which earmarks Army research and development funds for the foregoing purposes, and provides that the Army shall enter into a standard acquisition contract (that is subject to the availability of appropriated funds in this and future years) to leverage technologies developed with the $2,400,000,000 invested in fiscal year 2002 and prior years under the Crusader program, the Future Scout and Cavalry System program, the Composite Armored Vehicle program, and other Army development programs in order to develop and field a Non-Line of Sight (NLOS) Objective Force artillery system and Resupply Vehicle variants of the Future Combat System by 2008. The Committee strongly recommends that any contract the Army enters into for this purpose be consistent with the following guidelines, and provide for:

—Maturation of key Crusader designs and technologies to permit timely transfer to variants of the Future Combat System;

—Full development and testing of a Non-Line of Sight Objective Force artillery system and Resupply Vehicle systems, including mission equipment (such as armaments, ammunition handling, crew compartment, survivability suite, accuracy suite) and major assemblies (such as chassis, drive train, suspension, vehicle electronics, and software);

—Minimization of contract termination costs; and

—Full coordination and synchronization with parallel Army Future Combat System Concept and Technology Development efforts to ensure commonality of critical component parts and systems for all Future Combat System platform variants.

The Committee is also aware that the Army has assembled a program management staff responsible for developing artillery systems. The Committee expects that this office will lead the effort to migrate Crusader technologies, and to develop the Objective Force artillery system. The Committee expects that this office will work in close coordination with the Army Future Combat System program manager. Accordingly, the Committee has aligned funding for the migration of Crusader technologies to the Objective Force within the current artillery systems—demonstration/validation program line. The Committee directs that the Army establish a new project within this program to reflect both the termination of Crusader, and the inception of NLOS.

In addition to technologies developed in the Crusader program, the Committee supports accelerating the development of a range of precision munitions and related technologies. For this purpose, the Committee recommends a total of $305,109,000, of which $280,109,000 is to accelerate systems as proposed in the fiscal year 2003 budget amendment, $15,000,000 is to accelerate the high-g MEMS precision guidance effort as described elsewhere in this report, and $10,000,000 is to conduct an evaluation of the Future Scout and Cavalry Vehicle prototypes. The table below summarizes these recommendations.

(In thousands of dollars)

| | |
|---|---|
| Netfires System Technology | 57,000 |
| Netfires C4ISR Technology | 57,509 |
| Precision Guided Mortar Munition (PGMM) | 10,800 |
| Excalibur Artillery Projectile | 48,300 |
| Paladin upgrades | 7,500 |
| Guided MLRS Unitary | 45,000 |
| HIMARS Product Improvement | 10,000 |
| Advanced Field Artillery Tactical Data System (AFATDS) | 4,000 |
| Combat Vehicle Improvement Program (ACCE) | 28,600 |
| TUAV—Target Location Error | 11,400 |
| MEMS Technology Development Acceleration | 15,000 |
| Future Scout and Cavalry Vehicle demonstration | 10,000 |
| Total | 305,109 |

The table below provides a summary of the Committee's recommendations for the fiscal year 2003 budget amendment.

CRUSADER BUDGET AMENDMENT SUMMARY

[In thousands of dollars]

| | Budget amendment changes | FY 2003 amended budget request | Committee recommended | Change from request |
|---|---|---|---|---|
| Artillery Systems—Dem/Val PE 0603854A: Crusader termination and migration of cannon technologies, and platform and munitions integration | −246,465 | 5,200 | 373,700 | 368,500 |
| Objective Force—Indirect Fires | | | | 195,500 |
| Technology Integration | | | | 173,000 |
| Armored Systems Modernization PE 0604645A | 310,009 | 369,869 | 174,369 | −195,500 |
| Netfire System Technology | 57,000 | | | |
| Netfire C4ISR Technology | 57,509 | | | |
| Objective Force—Indirect Fires | 195,500 | | | −195,500 |
| Weapons and Munitions Adv Dev PE 0603802A: Includes Precision Guided Mortar Munition (PGMM) | 10,800 | 38,561 | 38,561 | |
| Excalibur/TCM PE 0604814A: Includes Excalibur artillery projectile development | 48,300 | 119,188 | 119,188 | 0 |
| Artillery Systems EMD PE 0604854A | −221,644 | 29,732 | 29,732 | 0 |
| Crusader Termination | −229,144 | | | |
| Paladin Upgrades | 7,500 | | | |
| MLRS Product Improvement Program PE 0603778A: Includes Guided MLRS Unitary and HIMARS | 55,000 | 112,825 | 112,825 | 0 |
| Advanced Field Artillery Tactical Data System (AFATDS) PE 0203726A | 4,000 | 42,161 | 42,161 | 0 |
| Combat Vehicle Improvement Program 0203735A: Includes Abrams engine program (ACCE) | 28,600 | 83,065 | 83,065 | 0 |
| Tactical Unmanned Aerial Vehicles PE 0305204A: Includes TUAV—Tareget Location Error | 11,400 | 57,879 | 57,879 | 0 |
| Subtotal—Budget Amendment reductions | −475,609 | | | |

CRUSADER BUDGET AMENDMENT SUMMARY—Continued

[In thousands of dollars]

| | Budget amendment changes | FY 2003 amended budget request | Committee recommended | Change from request |
|---|---|---|---|---|
| Subtotal—Budget Amendment increases | 475,609 | ..... | ..... | ..... |
| Total ..... | 0 | 858,480 | 1,031,480 | 173,000 |

COMANCHE PROGRAM

The Committee notes that the RAH–66 Comanche has been under development for almost two decades at a cost of over $6,000,000,000 to date. It has just completed its sixth major program restructuring in almost 20 years. The Committee is greatly concerned that this program appears to be another on the growing list of Army acquisition programs that has experienced cost growth, schedule delays and requirements creep, without achieving any level of operational capability. The Committee notes that the integration of communication and reconnaissance, auto-targeting and weaponry has simply added to the delays and cost, proving to be a far greater technical challenge than initially anticipated. The Committee now understands that yet further modifications will be necessary beyond Block II (engine improvement) to achieve the rate of ascent requirements originally specified. The history of this program raises anew the question of whether the Army acquisition process is capable of managing and delivering major new combat systems.

The Committee is deeply concerned that the Comanche program is not delivering its intended product after years of delay and numerous missed deadlines. The Committee's full support for this program is now in jeopardy unless the Army can show marked progress over the next fiscal year. The Committee strongly encourages the Army to begin reviewing potential low cost alternatives to supplant an intermediary solution to the reconnaissance and attack requirements originally developed for Comanche.

BRILLIANT ANTI-ARMOR TECHNOLOGY (BAT) AND BAT P3I SUBMUNITION PROGRAM

The Committee notes that the Brilliant Anti-Armor (BAT) Submunition has been under development for almost two decades at a cost of nearly $1,900,000,000 to date. The Committee is greatly concerned that this system appears to be another on the growing list of precision smart munitions that under-perform against Army requirements while costing 5 to 10 times more per round than was predicted. First conceived as a Cold War weapon to counter massed Soviet armor in the Fulda Gap, the BAT submunition is envisioned to be a smart, autonomous top attack anti-armor munition, intended to provide deep attack interdiction against armored combat vehicles. The BAT P3I is expected to deliver enhanced target acquisition capability and an improved warhead.

The results of BAT operational tests have been mixed, and two low rate production contracts combined with a lengthy pre-planned product improvement (P3I) have yet to provide the Army with a reliable smart submunition. The Committee notes that the addition

of a millimeter wave and infrared (IR) seeker has simply added to the complexity and cost, proving to be a far greater technical challenge than initially anticipated. The Committee now understands that yet further modifications are necessary (automatic target recognition) to achieve the level of effectiveness intended against moving or stationary armed combat vehicles, hot or cold stationary targets, surface-to-surface missile transporter erector launchers, and multiple rocket launchers.

The current cost of a BAT submunition is over $200,000 per unit. The current cost of a BAT P3I submunition is approaching $400,000 per unit. The intended delivery system for the BAT and BAT P3I submunitions is the Army Tactical Missile System (ATACMS). The ATACMS Block II missile will carry 13 BAT submunitions, and its current per unit cost is approximately $1.5 million. Even if the Army is able to increase its inventory objectives, BAT unit cost will still be $100,000.

Given the present and predicted unit cost, the dwindling target set, and a technology that still requires greater maturation at the concept level despite the investment of $1,900,000,000, the Committee has reduced the Army research and development budget request for BAT and BAT P3I from $190,293,000 to $38,100,000 to return this system to the science and technology base for further development. Funds shall be used only to continue seeker integration and necessary testing activities.

### ARMY MEMS TECHNOLOGY DEVELOPMENT ACCELERATION

The Committee recommends an additional $15,000,000 to continue an initiative to accelerate joint Army-Navy efforts to drive down the cost of precision guided munitions, including both missiles and cannon-fired projectiles, by developing a much cheaper inertial guidance system using high-g MEMS technology and producing an anti-jam, "ultra-deeply-coupled GPS/INS hardware/software system" to better blend the GPS and INS data. This has great potential to lower costs of precision-guided weapons of all types and to counter GPS jamming. The Committee notes that this is the second year of a substantial increase over the budget request for this high value program. Given the renewed emphasis on precision guided munitions for the Army, the Committee expects this program to be robustly funded in the fiscal year 2004 DoD budget request, and in the Future Years' Defense Program (FYDP).

### FUTURE COMBAT SYSTEM MATERIALS TECHNOLOGY

The Committee notes that the Army has committed to a significant acceleration of the Future Combat System. A critical aspect of the program's success will be the development of new materials technologies to address both the weight and survivability. Accordingly, the Committee recommends that $4,000,000 of the funds made available in Research, Development, Test and Evaluation, Army be available for the Advanced Materials Processing (AMP) for Future Combat Systems initiative to employ new technologies and materials for the Army.

PROPOSED TRANSFER OF PATRIOT ADVANCED CAPABILITY–3 (PAC–3) AND MEDIUM EXTENDED AIR DEFENSE SYSTEM (MEADS) TO THE ARMY

The President's budget request proposed transferring the PAC–3 and MEADS systems to the Army. On further review, the Administration has recommended keeping the research, development, test and evaluation portions of these programs with the Missile Defense Agency. The Committee supports that recommendation and has returned these funds to the Research, Development, Test and Evaluation, Defense-Wide account.

PSEUDOFOLLICULITIS BARBE (PFB)

The Committee is concerned about the skin disease Pseudofolliculitis Barbe (PFB) and its disproportionate impacts on African American military personnel. The Assistant Secretary of Defense (Health Affairs) is directed to report to the Congress by February 1, 2003 ourlining a plan of action to initiate research into more effective treatments and control of this problem.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY | | | |
| BASIC RESEARCH | | | |
| IN-HOUSE LABORATORY INDEPENDENT RESEARCH | 22,998 | 18,998 | -4,000 |
| DEFENSE RESEARCH SCIENCES | 139,633 | 141,633 | +2,000 |
| UNIVERSITY AND INDUSTRY RESEARCH CENTERS | 74,855 | 73,055 | -1,800 |
| TOTAL, BASIC RESEARCH | 237,486 | 233,686 | -3,800 |
| APPLIED RESEARCH | | | |
| MATERIALS TECHNOLOGY | 18,659 | 23,659 | +5,000 |
| SENSORS AND ELECTRONIC SURVIVABILITY | 24,305 | 24,305 | --- |
| TRACTOR HIP | 6,839 | 10,339 | +3,500 |
| AVIATION TECHNOLOGY | 43,692 | 43,692 | --- |
| EW TECHNOLOGY | 19,584 | 19,584 | --- |
| MISSILE TECHNOLOGY | 31,884 | 56,384 | +24,500 |
| ADVANCED WEAPONS TECHNOLOGY | 11,208 | 23,208 | +12,000 |
| ADVANCED CONCEPTS AND SIMULATION | 20,634 | 23,134 | +2,500 |
| COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY | 55,763 | 68,263 | +12,500 |
| BALLISTICS TECHNOLOGY | 74,094 | 60,948 | -13,146 |
| CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY | 3,675 | 8,675 | +5,000 |
| JOINT SERVICE SMALL ARMS PROGRAM | 5,812 | 5,812 | --- |
| WEAPONS AND MUNITIONS TECHNOLOGY | 38,090 | 96,090 | +58,000 |
| ELECTRONICS AND ELECTRONIC DEVICES | 27,448 | 58,048 | +30,600 |
| NIGHT VISION TECHNOLOGY | 22,333 | 22,333 | --- |
| COUNTERMINE SYSTEMS | 13,186 | 18,686 | +5,500 |
| HUMAN FACTORS ENGINEERING TECHNOLOGY | 17,415 | 25,415 | +8,000 |
| ENVIRONMENTAL QUALITY TECHNOLOGY | 23,018 | 26,018 | +3,000 |
| COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY | 21,821 | 24,821 | +3,000 |
| COMPUTER AND SOFTWARE TECHNOLOGY | 4,354 | 4,354 | --- |
| MILITARY ENGINEERING TECHNOLOGY | 51,124 | 55,124 | +4,000 |
| MANPOWER/PERSONNEL/TRAINING TECHNOLOGY | 14,335 | 18,335 | +4,000 |
| WARFIGHTER TECHNOLOGY | 25,502 | 38,502 | +13,000 |
| MEDICAL TECHNOLOGY | 67,476 | 131,476 | +64,000 |
| TOTAL, APPLIED RESEARCH | 642,251 | 887,205 | +244,954 |
| ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| WARFIGHTER ADVANCED TECHNOLOGY | 50,262 | 48,262 | -2,000 |
| MEDICAL ADVANCED TECHNOLOGY | 16,590 | 204,090 | +187,500 |
| AVIATION ADVANCED TECHNOLOGY | 45,404 | 43,496 | -1,908 |
| WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY | 66,514 | 68,514 | +2,000 |
| COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY | 229,778 | 272,760 | +42,982 |
| COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY | 4,826 | 4,826 | --- |
| MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY | 3,527 | 7,527 | +4,000 |
| ELECTRONIC WARFARE ADVANCED TECHNOLOGY (H) | 28,254 | 28,254 | --- |
| TRACTOR HIKE | 18,069 | 18,069 | --- |
| TRACTOR ROSE | 4,895 | 4,895 | --- |
| COMBATING TERRORISM TECHNOLOGY DEVELOPMENT | --- | 48,900 | +48,900 |
| GLOBAL SURVEILLANCE/AIR DEFENSE/PRECISION STRIKE TECHN | 31,291 | 31,291 | --- |
| EW TECHNOLOGY | 11,600 | 23,100 | +11,500 |
| MISSILE AND ROCKET ADVANCED TECHNOLOGY | 87,890 | 103,390 | +15,500 |
| TRACTOR CAGE | 3,083 | 3,083 | --- |
| LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY | 24,104 | 25,104 | +1,000 |
| JOINT SERVICE SMALL ARMS PROGRAM | 6,013 | 13,013 | +7,000 |
| LINE-OF-SIGHT TECHNOLOGY DEMONSTRATION | 28,283 | 28,283 | --- |
| NIGHT VISION ADVANCED TECHNOLOGY | 36,494 | 78,494 | +42,000 |
| ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS | 8,980 | 12,980 | +4,000 |
| MILITARY ENGINEERING ADVANCED TECHNOLOGY | 2,921 | 9,921 | +7,000 |
| ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLO | 21,674 | 22,674 | +1,000 |
| TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 730,452 | 1,100,926 | +370,474 |
| DEMONSTRATION & VALIDATION | | | |
| ARMY MISSILE DEFENSE SYSTEMS INTEGRATION | 27,887 | 27,887 | --- |
| ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL) | 7,417 | 43,917 | +36,500 |
| LANDMINE WARFARE AND BARRIER - ADV DEV | 20,286 | 20,286 | --- |
| SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV | 2,432 | 2,432 | --- |
| TANK AND MEDIUM CALIBER AMMUNITION | 11,354 | 20,354 | +9,000 |
| ADVANCED TANK ARMAMENT SYSTEM (ATAS) | 124,108 | 150,908 | +26,800 |
| SOLDIER SUPPORT AND SURVIVABILITY | 20,788 | 20,788 | --- |
| TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV | 16,392 | 16,392 | --- |
| NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT | 11,694 | 11,694 | --- |
| ENVIRONMENTAL QUALITY TECHNOLOGY DEM/VAL | 9,331 | 27,331 | +18,000 |
| WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL | 60,809 | 60,809 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| NATO RESEARCH AND DEVELOPMENT | 8,773 | 4,000 | -4,773 |
| AVIATION - ADV DEV | 8,643 | 12,643 | +4,000 |
| WEAPONS AND MUNITIONS - ADV DEV | 38,561 | 38,561 | --- |
| LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV | 11,419 | 6,419 | -5,000 |
| COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION | 8,971 | 8,971 | --- |
| MEDICAL SYSTEMS - ADV DEV | 10,398 | 10,398 | --- |
| INTEGRATED BROADCAST SERVICE (JMIP/DISTP) | 1,962 | 1,962 | --- |
| ARTILLERY SYSTEMS - DEM/VAL | 5,200 | 373,700 | +368,500 |
| SCAMP BLOCK II DEM/VAL | 21,006 | 21,006 | --- |
| MEDIUM EXTENDED AIR DEFENSE SYSTEM (MEADS) CONCEPTS | 117,745 | --- | -117,745 |
| TOTAL, DEMONSTRATION & VALIDATION | 545,176 | 880,458 | +335,282 |
| ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| AIRCRAFT AVIONICS | 40,308 | 41,808 | +1,500 |
| ARMED, DEPLOYABLE OH-58D | 1,873 | 1,873 | --- |
| COMANCHE | 914,932 | 914,932 | --- |
| EW DEVELOPMENT | 22,819 | 39,719 | +16,900 |
| JOINT TACTICAL RADIO | 65,818 | 65,818 | --- |
| ALL SOURCE ANALYSIS SYSTEM | 42,322 | 54,622 | +12,300 |
| TRACTOR CAGE | 9,800 | 9,800 | --- |
| COMMON MISSILE | 29,919 | 29,919 | --- |
| MEDIUM TACTICAL VEHICLES | 1,953 | 1,953 | --- |
| SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ENG DEV | 8,153 | 8,153 | --- |
| JAVELIN | 489 | 489 | --- |
| LANDMINE WARFARE | 11,913 | 11,913 | --- |
| FAMILY OF HEAVY TACTICAL VEHICLES | 3,990 | 3,990 | --- |
| AIR TRAFFIC CONTROL | 2,339 | 2,339 | --- |
| TACTICAL UNMANNED GROUND VEHICLE (TUGV) | --- | 2,000 | +2,000 |
| LIGHT TACTICAL WHEELED VEHICLES | 7,877 | 7,877 | --- |
| ARMORED SYSTEMS MODERNIZATION (ASM)-ENG DEV | 369,869 | 174,369 | -195,500 |
| ENGINEER MOBILITY EQUIPMENT DEVELOPMENT | 8,146 | 8,146 | --- |
| NIGHT VISION SYSTEMS - ENG DEV | 32,328 | 39,328 | +7,000 |
| COMBAT FEEDING, CLOTHING, AND EQUIPMENT | 94,474 | 92,274 | -2,200 |
| NON-SYSTEM TRAINING DEVICES - ENG DEV | 43,650 | 68,650 | +25,000 |
| TERRAIN INFORMATION - ENG DEV | 8,232 | 8,232 | --- |
| INTEGRATED METEOROLOGICAL SUPPORT SYSTEM | 3,417 | 3,417 | --- |
| JSIMS CORE PROGRAM | 24,230 | 24,230 | --- |
| AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - ENG DE | 26,978 | 26,978 | --- |
| CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT | 53,294 | 53,294 | --- |
| AUTOMATIC TEST EQUIPMENT DEVELOPMENT | 11,839 | 13,839 | +2,000 |
| DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENGINEER | 21,487 | 19,087 | -2,400 |
| TACTICAL SURVEILLANCE SYSTEMS - ENG DEV | 56,662 | 59,662 | +3,000 |
| BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) | 190,293 | 38,060 | -152,233 |
| JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM | 4,740 | 4,740 | --- |
| COMBINED ARMS TACTICAL TRAINER (CATT) CORE | 7,579 | 7,579 | --- |
| JOINT NETWORK MANAGEMENT SYSTEM | 8,028 | 8,028 | --- |
| AVIATION - ENG DEV | 3,150 | 3,150 | --- |
| WEAPONS AND MUNITIONS - ENG DEV | 41,758 | 52,158 | +10,400 |
| LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV | 65,857 | 68,857 | +3,000 |
| COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG DEV | 82,238 | 90,238 | +8,000 |
| MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT | 12,625 | 22,125 | +9,500 |
| LANDMINE WARFARE/BARRIER - ENG DEV | 128,992 | 114,992 | -14,000 |
| ARTILLERY MUNITIONS - EMD | 119,188 | 119,188 | --- |
| COMBAT IDENTIFICATION | 1,995 | 1,995 | --- |
| ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE | 80,672 | 102,410 | +21,738 |
| LOSAT | 14,463 | 14,463 | --- |
| FIREFINDER | 26,122 | 26,122 | --- |
| ARTILLERY SYSTEMS - EMD | 29,732 | 29,732 | --- |
| PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION | 150,819 | --- | -150,819 |
| INFORMATION TECHNOLOGY DEVELOPMENT | 50,865 | 50,865 | --- |
| TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 2,938,227 | 2,543,413 | -394,814 |
| RDT&E MANAGEMENT SUPPORT | | | |
| THREAT SIMULATOR DEVELOPMENT | 15,251 | 15,251 | --- |
| TARGET SYSTEMS DEVELOPMENT | 10,772 | 10,772 | --- |
| MAJOR T&E INVESTMENT | 53,797 | 53,797 | --- |
| RAND ARROYO CENTER | 22,148 | 20,000 | -2,148 |
| ARMY KWAJALEIN ATOLL | 132,831 | 132,831 | --- |
| CONCEPTS EXPERIMENTATION PROGRAM | 22,627 | 22,627 | --- |
| ARMY TEST RANGES AND FACILITIES | 144,183 | 113,451 | -30,732 |
| ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS | 43,222 | 34,719 | -8,503 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| SURVIVABILITY/LETHALITY ANALYSIS | 39,200 | 34,514 | -4,686 |
| DOD HIGH ENERGY LASER TEST FACILITY | 14,410 | 15,910 | +1,500 |
| AIRCRAFT CERTIFICATION | 4,062 | 4,062 | --- |
| METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES | 7,310 | 7,310 | --- |
| MATERIEL SYSTEMS ANALYSIS | 10,189 | 10,189 | --- |
| EXPLOITATION OF FOREIGN ITEMS | 3,490 | 3,490 | --- |
| SUPPORT OF OPERATIONAL TESTING | 99,375 | 99,375 | --- |
| ARMY EVALUATION CENTER | 41,250 | 41,250 | --- |
| PROGRAMWIDE ACTIVITIES | 78,452 | 64,952 | -13,500 |
| TECHNICAL INFORMATION ACTIVITIES | 34,040 | 49,540 | +15,500 |
| MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY | 16,014 | 37,014 | +21,000 |
| ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT | 1,902 | 1,902 | --- |
| MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT) | 11,533 | 11,533 | --- |
| TOTAL, RDT&E MANAGEMENT SUPPORT | 806,058 | 784,489 | -21,569 |
| OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| MLRS PRODUCT IMPROVEMENT PROGRAM | 112,825 | 112,825 | --- |
| AEROSTAT JOINT PROJECT OFFICE | 29,081 | 31,081 | +2,000 |
| DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCT | --- | 3,000 | +3,000 |
| ADV FIELD ARTILLERY TACTICAL DATA SYSTEM | 42,161 | 52,161 | +10,000 |
| COMBAT VEHICLE IMPROVEMENT PROGRAMS | 83,065 | 84,065 | +1,000 |
| MANEUVER CONTROL SYSTEM | 44,444 | 44,444 | --- |
| AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS | 196,794 | 196,794 | --- |
| AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 3,689 | 9,189 | +5,500 |
| DIGITIZATION | 28,968 | 34,968 | +6,000 |
| FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB2) | 64,915 | 64,915 | --- |
| MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM | 43,738 | 43,738 | --- |
| OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS | 13,018 | 13,018 | --- |
| TRACTOR CARD | 8,891 | 8,891 | --- |
| JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC) | 14,121 | 14,121 | --- |
| JOINT TACTICAL GROUND SYSTEM | 2,860 | 2,860 | --- |
| SPECIAL ARMY PROGRAM | 7,031 | 7,031 | --- |
| SECURITY AND INTELLIGENCE ACTIVITIES | 5,438 | 25,938 | +20,500 |
| INFORMATION SYSTEMS SECURITY PROGRAM | 14,844 | 18,844 | +4,000 |
| GLOBAL COMBAT SUPPORT SYSTEM | 71,864 | 51,864 | -20,000 |
| SATCOM GROUND ENVIRONMENT (SPACE) | 72,244 | 72,244 | --- |
| WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM | 17,895 | 17,895 | --- |
| TRAFFIC CONTROL, APPROACH AND LANDING SYSTEM-FY 1987 | 977 | 977 | --- |
| TACTICAL UNMANNED AERIAL VEHICLES | 57,879 | 81,779 | +23,900 |
| AIRBORNE RECONNAISSANCE SYSTEMS | 4,882 | 11,382 | +6,500 |
| DISTRIBUTED COMMON GROUND SYSTEMS | 15,683 | 42,083 | +26,400 |
| END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES | 61,025 | 68,525 | +7,500 |
| NATO JOINT STARS | 512 | 512 | --- |
| TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,018,844 | 1,115,144 | +96,300 |
| RETIREMENT ACCRUALS | -98,161 | -98,161 | --- |
| TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY | 6,820,333 | 7,447,160 | +626,827 |

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

| | |
|---|---|
| Fiscal year 2002 appropriation | $11,498,506,000 |
| Fiscal year 2003 budget request | 12,496,065,000 |
| Committee recommendation | 13,562,218,000 |
| Change from budget request | +1,066,153,000 |

This appropriation provides funds for the research, development, test and evaluation activities of the Department of the Navy and the Marine Corps.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 2 DEFENSE RESEARCH SCIENCES | 393,557 | 391,557 | -2,000 |
| Growth Reduction | | | -2,000 |
| 4 POWER PROJECTION APPLIED RESEARCH | 76,612 | 115,412 | +38,800 |
| Transfer from DERF | | | 7,300 |
| Naval Precision Strike (Note: Only to continue development and demonstration of UAV mounted high resolution SAR for all-weather precision targeting.) | | | 6,000 |
| Accelerate development of low-cost SWARM UAV | | | 4,000 |
| High Efficiency Piezoelectric Crystals | | | 2,500 |
| Pulse Detonation Engine Risk Reduction | | | 1,500 |
| Real World Based Immersive Imaging Technology | | | 4,000 |
| Phase II - Integrated Biological Warfare Technology Program | | | 4,000 |
| Panoramic Night Imaging System | | | 4,000 |
| Millimeter Wave Infrared Imaging | | | 2,000 |
| Tunable oxide film and capacitor technology and integration of oxide film and wide bandgap semiconductor technology for the advanced multi-function RF system | | | 2,000 |
| Ultra-short pulse laser micromachining | | | 1,500 |
| 7 FORCE PROTECTION APPLIED RESEARCH | 89,390 | 94,890 | +5,500 |
| Battery Charging Technology (Note: Only to continue and expand the current program to develop advanced battery charging algorithms.) | | | +2,500 |
| Center for Advanced Power Systems (CAPS) | | | +3,000 |
| 10 HUMAN SYSTEMS TECHNOLOGY | 0 | 1,500 | +1,500 |
| Bio-Detection Surveillance system | | | +1,500 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 11 MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY | 0 | 14,000 | +14,000 |
| Battlespace Information Display Technology (BIDT) | | | +3,000 |
| Laser Welding and Cutting Technologies | | | +2,000 |
| Virtual Company / Distributed Manufacturing Demonstration Project | | | +3,000 |
| Advanced Fuel Additive | | | +2,000 |
| Printed Wiring Board Manufacturing Technology | | | +4,000 |
| 12 COMMON PICTURE APPLIED RESEARCH | 75,594 | 96,094 | +20,500 |
| Research in Augmented and Virtual Environment Systems (RAVES) | | | +5,000 |
| Naval Automation and Information Management Technology | | | +5,000 |
| National Center for Advanced Secure Systems Research (NCASSR) | | | +7,500 |
| Submarine Enabling Airborne Data Exchange and Enhancement Program | | | +3,000 |
| 13 WARFIGHTER SUSTAINMENT APPLIED RESEARCH | 68,852 | 102,552 | +33,700 |
| Characterization of Novel Materials | | | +4,000 |
| National UUV Test and Evaluation Center | | | +6,700 |
| 3-Dimensional Printing Metalworking Project | | | +5,500 |
| Marine Mammal Research Program | | | +2,000 |
| Formable Aligned Carbon Thermosets (FACTS) | | | +2,000 |
| Rhode Island Disaster Initiative | | | +2,000 |
| Human Systems Technology | | | +1,000 |
| IMPRINT Modeling | | | +1,500 |
| Fibrous Monolithic Materials Insertion | | | +4,500 |
| Rapid Detection and Response for Chem/bio Defense Systems Research | | | +1,500 |
| Automated Diode Array Manufacturing | | | +3,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 15 RF SYSTEMS APPLIED RESEARCH | 56,263 | 66,763 | +10,500 |
| Advanced Semiconductor Material | | | +1,500 |
| Tri-Service Reliance Vacuum Electronics Research Program (Note: In addition to the funds provided in the President's Budget, the Committee provides an additional $8,000,000 only for Vacuum Electronics research.) | | | +8,000 |
| Highly Mobile Tactical Communications (HMTC) (Note: Only to demonstrate integration of Iridium satellite communications with existing tactical systems.) | | | +1,000 |
| 18 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH | 55,180 | 70,730 | +15,550 |
| Southeast Atlantic Coastal Ocean Observing System (SEA-COOS) | | | +2,000 |
| Bioluminescence Truth Data Measurement and Signature Detection | | | +1,800 |
| Extended Capability Underwater Imaging | | | +4,000 |
| South Florida Ocean Measurement Center | | | +1,750 |
| Oceanographic Sensors For Mine Countermeasures | | | +6,000 |
| 20 UNDERSEA WARFARE APPLIED RESEARCH | 71,294 | 81,694 | +10,400 |
| Lithium Carbon Monofluoride Battery | | | +1,000 |
| Magnetorestrictive Transduction | | | +5,400 |
| Undersea Defensive Warfare Systems (6.25" ATT Technology) | | | +2,000 |
| Undersea Defensive Warfare Systems (Rapid Response ATT Weapon) | | | +2,000 |
| 23 POWER PROJECTION ADVANCED TECHNOLOGY | 78,247 | 170,647 | +92,400 |
| High Speed Anti-Radiation Missile Demonstration (Note: Only to fully fund modifications to the AARGM seeker to support the HSAD program and to provide additional seekers for an expanded demonstration test program.) | | | +9,000 |
| Magdalena Ridge Observatory | | | +30,000 |
| HEL-Low Aspect Target Tracking | | | +6,500 |
| Affordable Weapon | | | +10,000 |
| Littoral Support Craft (X) | | | +13,000 |
| DP-2 Thrust Vectoring System | | | +8,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| Integrated Hypersonic Aeromechanics Tool (IHAT) | | | +4,400 |
| Vectored Thrust Ducted Propellor | | | +3,000 |
| Advanced Camouflage Coatings for UAV Demonstration (Note: To expand on previous LO successes to demonstrate advanced coatings.) | | | 8,500 |
| 24 FORCE PROTECTION ADVANCED TECHNOLOGY | 57,604 | 93,104 | +35,500 |
| Transfer from DERF | | | 36,000 |
| Reduction to DERF | | | -36,000 |
| Center for Maritime Systems | | | 2,000 |
| Smart Sensor Web | | | 1,500 |
| Modular Advanced Composite Hull Forms | | | 1,000 |
| Superconducting DC Homopolar Motor | | | 4,000 |
| Ship Service Fuel Cell | | | 4,000 |
| Marine Direct Ship Service Fuel Cell Technology Validation Trainer | | | 2,000 |
| High Temperature Superconducting AC Propulsion Motor and Generator | | | 4,000 |
| Smart Microsensor Arrays for Shipboard Damage Control (Note: Only to continue development of a prototype compact, fully integrated sensor system for use in a reduced manning shipboard environment.) | | | 8,000 |
| Project M (Note: Onlt to continue development of advanced shock mitigating seats for Mk V Patrol Craft.) | | | 2,500 |
| Facility Security (Note: Only to demonstrate facility security enhancements using an advanced first responder tool set to support direct tactical application.) | | | 2,500 |
| Graphite Fiber Sandwich Composites for Advanced Warship Design | | | 1,000 |
| Deployable Smart-Link Communications Upgrade | | | 3,000 |
| 26 COMMON PICTURE ADVANCED TECHNOLOGY | 37,753 | 44,753 | +7,000 |
| Transfer from DERF | | | 7,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 27 WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY | 82,542 | 98,042 | +15,500 |
| Emerging / Critical Interconnection Technologies Program (E/CIT) | | | +2,000 |
| Defense Systems Modernization and Readiness Initiative | | | +7,000 |
| COTS Carbon Fiber Qualification Program | | | +3,000 |
| Low Volume Production Technology | | | +3,500 |
| 31 SURFACE SHIP & SUBMARINE HM&E ADVANCED TECHNOLOGY | 0 | 3,000 | +3,000 |
| 32 MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) | 51,606 | 66,206 | +14,600 |
| Center for Emerging Threats and Opportunities | | | +1,000 |
| Advanced Light Strike Vehicle | | | +4,500 |
| Mobile Counter Fire System | | | +4,000 |
| Rapid Deployment Fortification Wall | | | +1,500 |
| C3RP (ONR) | | | +3,600 |
| 33 MEDICAL DEVELOPMENT | 0 | 62,800 | +62,800 |
| Institute of Technology Biomedical Research and Development Complex | | | +1,500 |
| National Bone Marrow Program | | | +34,000 |
| Rural Health | | | +6,800 |
| Biomedical Research Imaging Core -CoH National Medical Center (Note: Only for the Biomedical Research Imaging Core related to bone marrow tranplantation, breast, and prostate cancer.) | | | +5,000 |
| Community Hospital Telehealth Consortium | | | +1,000 |
| Dental Research | | | +4,000 |
| National Center for Collaboration in Medical Modeling and Simulation | | | +4,500 |
| Low Cost Retractable Needle and Safety Syringe | | | +1,000 |
| Minimally Invasive Surgical Technology Institute | | | +1,500 |
| Center for Disaster Management and Humanitarian Assistance | | | +3,500 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 35 ENVIRONMENTAL QUALITY AND LOGISTICS ADVANCED TECHNOLOG | 0 | 2,000 | +2,000 |
| Real Time Infra-Red Scene Generator | | | +2,000 |
| 37 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY | 19,040 | 38,040 | +19,000 |
| Portable Device for Remote Production of Sterile Water for Injection & IV | | | +2,000 |
| Navy Medical System Configuration & Test Bed (NMSCTB) (Note: Expedites the delivery of medical research and development prototpes needing development and systems integration prior to field testing.) | | | +6,000 |
| Distributed Simulation-Warfighting Concepts to Future Weapon System Design (WARCON) | | | +4,000 |
| Medical Data Mining Tool (MDMT) | | | +4,000 |
| Medical Procedures Reference Tool (MPRT) | | | +3,000 |
| 38 UNDERSEA WARFARE ADVANCED TECHNOLOGY | 40,125 | 42,125 | +2,000 |
| Motorized Airgun Program | | | +2,000 |
| 40 MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY | 43,725 | 47,225 | +3,500 |
| Ocean Modeling for Mine and Expeditionary Warfare | | | +2,000 |
| Modeling the Warrior as a Cognitive System | | | +1,500 |
| 43 AIR/OCEAN TACTICAL APPLICATIONS | 32,549 | 35,049 | +2,500 |
| Prototype Regional Forecast Hub | | | +2,500 |
| 44 AVIATION SURVIVABILITY | 7,486 | 20,986 | +13,500 |
| Aviation Integrated Life Support System (AILSS) | | | +6,500 |
| Modular Advanced Vision System | | | +3,000 |
| Naval Aviation Network Centric Warfare Analysis, Modeling, Simulation and Stimulation | | | +3,000 |
| Advanced Aircraft/Explosion Protection and Extinguishing Systems | | | +1,000 |
| 45 DEPLOYABLE JOINT COMMAND AND CONTROL | 39,772 | 7,500 | -32,272 |
| Transfer from DERF | | | 7,500 |
| Command and Control Systems Review | | | -39,772 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 46 ASW SYSTEMS DEVELOPMENT | 13,207 | 26,707 | +13,500 |
| Nonlinear Dynamics / Stochastic Resonance for ASW | | | +3,500 |
| Automatic Radar Periscope Detection and Discrimination System | | | +10,000 |
| 47 TACTICAL AIRBORNE RECONNAISSANCE | 1,922 | 15,922 | +14,000 |
| F-18D Tactical Reconnaissance Aircraft Solid State Recorders | | | +14,000 |
| 49 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES | 155,016 | 160,516 | +5,500 |
| Surface Navy Integrated Undersea Tactical Technology (SNIUTT) | | | +5,500 |
| 50 SURFACE SHIP TORPEDO DEFENSE | 3,244 | 18,244 | +15,000 |
| Surface Ship Torpedo Defense - Tripwire Torpedo Defense System (Note: $4,500,000 is only for the anti-torpedo torpedo; $500,000 is for the distributed engineering center; $8,000,000 is for sensors; and $2,000,000 is for redesign of smaller/lighter D winch for smaller ships, flexible NIXIE for AN/SLQ-25A, and to implement a test and integration center.) | | | +15,000 |
| 51 CARRIER SYSTEMS DEVELOPMENT | 88,913 | 89,913 | +1,000 |
| Advanced Battlestation / Decision Support System | | | +1,000 |
| 52 SHIPBOARD SYSTEM COMPONENT DEVELOPMENT | 243,111 | 253,111 | +10,000 |
| Advanced Variable Speed Drive Transmission (AVSD) | | | +1,000 |
| ElectroMagnetic Launcher (EML) Railgun (Note: only to demonstrate the feasability of a kinetic energy electromagnetic railgun consistent with EML program mission objectives.) | | | +5,000 |
| Automated Maintenance Environment | | | +4,000 |
| 56 SURFACE ASW | 3,219 | 8,219 | +5,000 |
| AN/SQQ-89 Modernization | | | +5,000 |
| 58 ADVANCED SUBMARINE SYSTEM DEVELOPMENT | 107,389 | 136,389 | +29,000 |
| Conformal Acoustic Velocity Sensor (CAVES) | | | +4,000 |
| MK-48 ADCAP Torpedo Improvement Program | | | +8,000 |
| Multi-Line Towed Array | | | +2,500 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| High Performance Brush Program | | | +1,500 |
| Universal Gravity Module | | | +2,000 |
| Submarine Payload and Sensors | | | +7,000 |
| Advanced Composite Sail Phase II | | | +4,000 |
| 60 SHIP CONCEPT ADVANCED DESIGN | 5,820 | 23,820 | +18,000 |
| Small Combatant Craft | | | +8,000 |
| Metallic Materials Advanced Development and Certification Program | | | +4,000 |
| Total Fleet Support for Emergency Operations Centers and first responders | | | +3,000 |
| Document Automation for Condition Based Maintenance | | | +3,000 |
| 65 COMBAT SYSTEM INTEGRATION | 40,464 | 66,964 | +26,500 |
| Combat Systems Integration and Battleforce Interoperability | | | +2,000 |
| Navy Common Command and Decision System - Common Network Interface (Note: Only for SBIR Phase III efforts to develop common network interface capabilities for theater air and missile defense.) | | | +20,000 |
| High Energy Laser Enhancement of Ship Self-Defense | | | +4,000 |
| Marine Corps Institute | | | +500 |
| 66 CONVENTIONAL MUNITIONS | 22,445 | 24,945 | +2,500 |
| M72 LAW Product Improvement | | | +2,500 |
| 67 MARINE CORPS ASSAULT VEHICLES | 272,092 | 277,592 | +5,500 |
| AAAV (Note: Only to develop an integrated display / processor and an alternative to the current AAAV Display Processor Unit.) | | | +5,500 |
| 69 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM | 27,777 | 37,777 | +10,000 |
| Innovative Stand-Off Door Breaching Munitions (ISOD) | | | +5,000 |
| Imaging System Upgrade Development (AN/TAS-4 Upgrade) | | | +5,000 |
| 71 COOPERATIVE ENGAGEMENT | 86,144 | 118,144 | +32,000 |
| CEC Technology Refresh | | | +25,000 |
| CEC E-2C FOT&E | | | +7,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 73 ENVIRONMENTAL PROTECTION | 44,206 | 48,206 | +4,000 |
| Marine Mammal Detection and Mitigation | | | +2,000 |
| Field Demonstration of Containment Stablization Technology (Note: Only to continue and expand the on-going field demonstration of Organic, Inorganic, and Radionuclide Containment Stablization Technology.) | | | +2,000 |
| 74 NAVY ENERGY PROGRAM | 5,060 | 17,060 | +12,000 |
| PEM Fuel Cell Demonstration Program | | | +4,000 |
| Plasma Energy Pyrolysis (PEPS) | | | +8,000 |
| 75 FACILITIES IMPROVEMENT | 2,124 | 4,624 | +2,500 |
| (Note: Only to complete the ongoing demonstration of solar energy and planning and design for research and development of renewable energy, hydrogen and fuel cells.) | | | +2,500 |
| 76 CHALK CORAL | 50,704 | 67,104 | +16,400 |
| Transfer from DERF | | | 5,000 |
| Transfer from DERF | | | 11,400 |
| 77 NAVY LOGISTIC PRODUCTIVITY | 13,023 | 32,023 | +19,000 |
| JEDMICS | | | +3,000 |
| Rapid Retargeting | | | +4,000 |
| Compatible Processor Upgrade (CPUP) | | | +4,000 |
| Collaborative Logistics Productivity | | | +8,000 |
| 78 RETRACT MAPLE | 212,506 | 276,506 | +64,000 |
| Transfer from DERF | | | 64,000 |
| 85 LAND ATTACK TECHNOLOGY | 108,693 | 130,693 | +22,000 |
| Naval Fires Network (Note: $3,000,000 only to continue development and demonstration of the Tactical Dissemination Module.) | | | +13,000 |
| Autonomous Naval Support Round | | | +5,000 |
| Advanced Medium Gun Demonstrator | | | +4,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 92 SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE | 31,623 | 33,623 | +2,000 |
| IT-21 Block 1 C4ISR Equipment Upgrades | | | +2,000 |
| 96 OTHER HELO DEVELOPMENT | 31,123 | 38,623 | +7,500 |
| VH-3D/VH-60D Upgrade - Transfer from DERF | | | 1,500 |
| High Tech Training in Support of DoD legacy parts solutions | | | 2,000 |
| SH-60B Hellfire Laser Aim Scoring System (LASS) | | | 2,000 |
| Advanced Cable Design for Mine and Submarine Warfare | | | 2,000 |
| 98 STANDARDS DEVELOPMENT | 37,757 | 42,957 | +5,200 |
| Metrology | | | +5,200 |
| 99 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT | 88,969 | 95,969 | +7,000 |
| Preventive Maintenance Life Cycle Criteria (PMLCC) of H-60 Helicopter Components | | | +4,000 |
| H-60 Helicopter FLIR Housing Configuration | | | +3,000 |
| 101 AIR/OCEAN EQUIPMENT ENGINEERING | 5,725 | 9,725 | +4,000 |
| SPY-1 Radar Tactical Environmental Processor (TEP) | | | +4,000 |
| 108 AIR CREW SYSTEMS DEVELOPMENT | 6,695 | 7,695 | +1,000 |
| Safety Improvements for USMC and allied SIIIS ejection seats | | | +1,000 |
| 109 EW DEVELOPMENT | 74,742 | 75,642 | +900 |
| ICAP III Minaturization | | | -13,100 |
| IDECM Production Transisition | | | 11,000 |
| Location GPS Interferers | | | 3,000 |
| 110 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) | 20,373 | 20,373 | 0 |
| 111 SC-21 TOTAL SHIP SYSTEM ENGINEERING | 717,397 | 642,397 | -75,000 |
| DD-(X) Downselect Delay | | | -75,000 |
| 112 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING | 300,748 | 323,748 | +23,000 |
| Knowledge Projection for Fleet Maintenance | | | +3,000 |
| AEGIS Tactical Display Upgrade | | | +20,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 117 AIRBORNE MCM | 67,240 | 69,240 | +2,000 |
| Remote Technical Assistance Support System (RTASS) | | | +2,000 |
| 118 SSN-688 AND TRIDENT MODERNIZATION | 98,516 | 133,016 | +34,500 |
| Affordable Towed Array | | | +1,000 |
| SSN/SSBN modernization (Non-Propulsion Electronics Systems) | | | +9,000 |
| MPP/APB/A-RCI Model for Tactical Control Information Management and Net-Centric Warfare (SSN-688 & Trident Modernization) (Note: Only to continue SBIR Phase III efforts to extend APB/MPP technology insertion to enable submarines to achieve Navy netowrk-centric warfare objectives and to accelerate development and extension of common processing efforts.) | | | +22,500 |
| Submarine Common Electronic Equipment Replacement, Research | | | +2,000 |
| 124 NEW DESIGN SSN | 238,253 | **250,253** | +12,000 |
| (Note: Only for SBIR Phase III follow-on research to establish and extend a technology insertion program for the NAS Combat System.) | | | +8,000 |
| Shipmates for Virginia Class Submarine | | | +2,000 |
| COTS Combat Control Framework (Note: Only for SBIR Phase III for COTS Combat Control Framework (N98-128).) | | | +2,000 |
| 127 SHIP CONTRACT DESIGN/LIVE FIRE T&E | 184,545 | 159,545 | -25,000 |
| CVN(X) CDP | | | -25,000 |
| 128 NAVY TACTICAL COMPUTER RESOURCES | 2,185 | 25,685 | +23,500 |
| AN/UYQ-70 (V) System Technology Improvements (Note: Only to maintain, develop and implement technology refresh capabilities to incorporate into the future AN/UYQ-70 workstation/server production across surface, submarine, and air platforms.) | | | +20,000 |
| Multi-level Security for Network Centric Q-70 Program | | | +3,500 |
| 131 LIGHTWEIGHT TORPEDO DEVELOPMENT | 7,769 | 13,769 | +6,000 |
| Mk-54 Test and Evaluation | | | +6,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 139 SHIP SELF DEFENSE (ENGAGE: HARD KILL) | 19,528 | 26,528 | +7,000 |
| Phalanx CIWS SEA RAM Ordalt development | | | +5,000 |
| Multi-mission Weapon based on anti-torpedo torpedo technology | | | +2,000 |
| 140 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) | 28,064 | 42,064 | +14,000 |
| Surface Ship EW Improvement | | | +4,000 |
| Improved Control and Display (ICAD) (Note: Only for SBIRS Phase III CAPS integration for EW-RCI.) | | | +10,000 |
| 147 INFORMATION TECHNOLOGY DEVELOPMENT | 43,213 | 81,713 | +38,500 |
| Web Centric Network Warfare (Note: Only for continued support and deployment.) | | | +8,000 |
| Horizontal Integrated Data Environment | | | +2,000 |
| SPAWAR Information Technology Center | | | +6,000 |
| Distance Learning IT Center | | | +15,000 |
| Institute for Systems Test and Productivity | | | +3,500 |
| Navy Predictive Response Center | | | +4,000 |
| 150 MULTI-MISSION MARITIME AIRCRAFT (MMA) | 74,531 | 64,531 | -10,000 |
| Excessive Technical Support for Proposal Evaluation | | | -10,000 |
| 154 MAJOR T&E INVESTMENT | 42,453 | 44,453 | +2,000 |
| Navy Test and Evaluation Range Airborne Telemetry System (ATS) | | | +2,000 |
| 155 STUDIES AND ANALYSIS SUPPORT - NAVY | 4,071 | 8,071 | +4,000 |
| Technology Obsolescence Reduction Facility | | | +4,000 |
| 159 TECHNICAL INFORMATION SERVICES | 929 | 16,429 | +15,500 |
| Commercialization of Advanced Technologies | | | +10,000 |
| Navy Advanced Education Demonstation Project | | | +1,000 |
| Lean Pathways distance learning component | | | +4,500 |
| 160 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT | 50,787 | 35,787 | -15,000 |
| Excessive Growth - Project CHENG | | | -15,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 163 RDT&E INSTRUMENTATION MODERNIZATION | 13,289 | 14,214 | +925 |
| Security Eq. For Medical Labs - Transfer from DERF | | | 475 |
| Site Improvement for Medical Labs - Transfer from DERF | | | 450 |
| 169 MARINE CORPS PROGRAM WIDE SUPPORT | 12,208 | 29,708 | +17,500 |
| Reverse Osmosis Advanced Technology | | | +6,500 |
| Corrosion Center of Excellence | | | +1,000 |
| Chemical Biological Incident Response Force (CBIRF) | | | +7,000 |
| Marine Corps Research University Initiative | | | +500 |
| Chemical Biological Multi-Sensor Analyzer/Detector | | | +2,500 |
| 176 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT | 40,278 | 110,178 | +69,900 |
| Hardened Target Munitions - Transfer from DERF | | | 30,000 |
| Rentry Vehicle Sustainment Technology - Transfer from DERF | | | 7,500 |
| Rentry Vehicle Sustainment Technology(RSAP/GAP) - Transfer from DERF | | | 14,400 |
| Rentry Vehicle Sustainment Technology (RadHard) - Transfer from DERF | | | 18,000 |
| 180 F/A-18 SQUADRONS | 204,466 | 214,466 | +10,000 |
| F-18 Enhanced Durability Engine | | | +10,000 |
| 183 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) | 94,265 | 102,265 | +8,000 |
| Precision Terrain Aided Navigation | | | +8,000 |
| 184 INTEGRATED SURVEILLANCE SYSTEM | 20,405 | 26,405 | +6,000 |
| Integrated Undersea Surveillance System (IUSS) Mission Planning System | | | +3,000 |
| Fiber Optic Wavelength Division Multiplier | | | +3,000 |
| 186 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT | 31,421 | 35,421 | +4,000 |
| Integrated Training for TAC Air Fleet | | | +4,000 |
| 187 ELECTRONIC WARFARE (EW) READINESS SUPPORT | 6,731 | 35,731 | +29,000 |
| Transfer from DERF | | | 20,000 |
| Information Warfare System - Transfer from DERF | | | 9,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 188 HARM IMPROVEMENT | 60,758 | 61,758 | +1,000 |
| Low Cost High Temperature Materials for Radome and Antennas | | | +1,000 |
| 196 MARINE CORPS COMMUNICATIONS SYSTEMS | 174,664 | 218,964 | +44,300 |
| TCAC - Transfer from DERF | | | 2,500 |
| MANPACK SIDS - Transfer from DERF | | | 300 |
| TPCS - Transfer from DERF | | | 3,400 |
| I-SURSS - Transfer from DERF | | | 2,500 |
| RREP - Transfer from DERF | | | 300 |
| TENCAP - Transfer from DERF | | | 1,500 |
| TEG - Transfer from DERF | | | 1,000 |
| ISR - Transfer from DERF | | | 1,200 |
| TACPHOTO - Transfer from DERF | | | 100 |
| Crane Surface Warfare Center Air Deployment Testing Facility Upgrade (Ballon modification for sonobuoy drops) | | | 2,000 |
| Critical Infrastructure Protection Center | | | 4,000 |
| AN/TPS-59 Modernization (Note: Note Only for risk mitigation for AN/TPS-59 modernization efforts including $1,500,000 for automatic false alarm reduction.) | | | 6,000 |
| AN/TPS-59 (V) 3 Radar Environmental Simulator | | | 5,500 |
| CAST Upgrade - CACCTUS Inteligent Tutor System | | | 4,000 |
| Marine Corps Electronic Warfare Support Enhancements | | | 4,000 |
| Marine Corps Ship to Objective Manuever | | | 6,000 |
| 197 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS | 36,004 | 39,004 | +3,000 |
| Integrated Digital Camera Riflescope | | | +3,000 |
| 210 TACTICAL UNMANNED AERIAL VEHICLES | 206,359 | 249,659 | +43,300 |
| USMC Shadow - Transfer from DERF | | | 7,000 |
| ISR (BAMS/UAV) - Transfer from DERF | | | 28,300 |
| VTOL UAV - Operational Testing | | | -9,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| Tactical Control System (TCS) (Note: Only for modifications necessary for TCS to receive sensor data from a variety of UAVs, including the Global Hawk HAEUAV) | | | 4,500 |
| Tactical Control System (TCS) (Note: Only for the Joint Operational Test Bed (JOTBS) for enhancements to accommodate multiple UAVs.) | | | 7,000 |
| Minaturized High Definition Digital Camera | | | 2,000 |
| Multiple Link Antenna system (MLAS) ACTD | | | 1,500 |
| UAV Payload (Note: Only for Minature Detection Devices as part of Naval UAV Payload effort, to be used only for the continuation of an industry-based research program for light-weight, low power Nuclear, Chemical, and Biological sensors and isotope identification techniques.) | | | 2,000 |
| 211 AIRBORNE RECONNAISSANCE SYSTEMS | 5,469 | 14,469 | +9,000 |
| (Note: Only for the Naval Research Laboratory 's applied optics branch to continue development of tactical reconnaissance technologies.) | | | +3,000 |
| Electro-optical Framing Reconnaissance (Note: For sensor P3I for manned and unmanned platforms, only to develop prototype focal plane arrays with integrated electronic shutter technology for SHARP sensor upgrade, upgrade sensor with autonomous zoom lens and to support prototype development of cellular neural network airborne processor.) | | | +6,000 |
| 213 DISTRIBUTED COMMON GROUND SYSTEMS | 4,482 | 9,482 | +5,000 |
| JSIPS - Transfer from DERF | | | 3,000 |
| Converged Architecture for Naval Fires Network | | | 2,000 |
| 217 INDUSTRIAL PREPAREDNESS | 70,631 | 76,631 | +6,000 |
| General Increase | | | +6,000 |
| 218 MARITIME TECHNOLOGY (MARITECH) | 9,943 | 14,693 | +4,750 |
| High Speed Cargo Craft | | | +750 |
| Maritime Technology Center of Excellence | | | +4,000 |

NAVY VENTURE ORGANIZATION

The Department of the Navy's research and acquisition community historically has had great difficulty in transitioning innovative technologies from government research organizations and the commercial marketplace to active development and procurement programs. Due to the constraints of internal planning and budgeting processes, and the stifling legacy of "programs of record", new Navy systems are often fielded with a high degree of technological obsolescence, as risk averse program managers frequently decline to take calculated chances to incorporate the latest technological advances in the systems they are charged with delivering to warfighters. This is primarily due to the fact the Navy acquisition system as presently configured, provides significant disincentives to those who would try to accomplish such objectives.

In the dynamic environment of today's global economy, technological advances in all fields grow at unparalleled rates. New products appear continuously and markets form almost as quickly. In such a climate it is imperative that the Navy create capabilities to actively scan the marketplace and rapidly exploit newly emerging technologies regardless of source, whether it be Navy labs, other governmental research organizations, or the commercial market.

The Committee believes that the Navy research, development, and acquisition community needs to take a fresh look at how these technological innovations can be rapidly incorporated into Navy systems in all mission areas. Processes modeled after commercial venture capital practices or the Central Intelligence Agency's In-Q-Tel organization should be closely examined to see whether they could be applicable to help the Navy more rapidly introduce innovative technologies into their system acquisition processes. The Committee therefore directs the Assistant Secretary of the Navy for Research, Development and Acquisition, and the Director of the Office of Naval Research to jointly prepare a report for the Committee which examines whether the Navy could benefit from establishing a pilot venture capital fund to enable program managers to take advantage of higher risk technology developments in a rapid fashion without fear of penalty to their existing programs. As a part of this report the Committee would expect that the Central Intelligence Agency's In-Q-Tel organization, and other existing commercial venture business models be studied for possible approaches to this issue. The Committee further directs that this report should be provided no later than April 15, 2003.

ADVANCED INTEGRATED ELECTRONIC WARFARE SYSTEM (AIEWS)

The Committee remains supportive of the original goals of the AIEWS program which was intended to address the Navy's critical operational requirement to improve surface ship self-defense capability and replace legacy systems of limited capability. Since the termination of the AIEWS program due to cost and performance issues, the Navy has begun to formulate an acquisition strategy that focuses on phased upgrades to the present SLQ–32 electronic warfare system. The Committee notes that past attempts to modernize the SLQ–32 system have been less than successful and hopes that the Navy does not simply repeat past mistakes.

It is the sense of the Committee that in any future upgrade to the SLQ–32 system, open system processing architectures and commercial off the shelf (COTS) components should be utilized to the fullest extent possible. The Committee therefore, directs the Department of the Navy to submit an acquisition plan to the Committees on Appropriations which details modernization plans for the SLQ–32 based upon these objectives to include strategies for periodic technology refresh and product improvement processes no later than January 15, 2003.

NONLINEAR DYNAMICS STOCHASTIC RESONANCE

The Committee has provided $3,500,000 above the request, to continue nonlinear dynamics stochastic resonance development efforts. This effort has been funded in this manner for a number of years to explore alternatives in support of the anti-submarine warfare (ASW) mission. The Committee directs the Navy to submit a report by March 15, 2003 that describes the requirement for this research and the specific ways in which this research has been incorporated into the ASW mission.

BROAD AREA MARITIME SURVEILLANCE (BAMS) UNMANNED AERIAL VEHICLE (UAV)

The budget request included $152,000,000 for the Navy's Broad Area Maritime Surveillance (BAMS) Unmanned Aerial Vehicle (UAV) concept exploration and experimentation. As part of the Defense Emergency Response Fund, the Navy requested an additional $28,300,000 for the continued development of the concept of operations, the development of requirements and systems for the Signals Intelligence (SIGINT) and Electronics Intelligence (ELINT) missions, and the integration of necessary systems to provide for control of the UAV from aircraft carriers, large deck amphibious ships and Navy Command ships. The Committee has provided the funds as requested.

The Committee believes that the efforts funded with this total $180,300,000, support similar Navy requirements for manned reconnaissance as well as similar missions and requirements of the other Services, especially the U.S. Air Force. The Committee directs the Navy to consider the applicability of all of its BAMS development efforts to other Navy systems and missions, and to share development, test, and other data with the other Services as appropriate.

Despite its obvious support of the Navy's planned BAMS concept exploration and experimentation, the Committee is concerned about the lack of specificity and documentation provided thus far by the Navy. It appears the Navy continues to refine its plans for Phase I concept exploration, which is the basis for the fiscal year 2003 budget request, as well as the Phase II follow on development and testing program. Therefore, the Committee directs that the Navy submit, by February 1, 2003, a detailed report on the BAMS UAV program. At a minimum, the Committee directs that the report address the total program objective, the operational requirements documentation, the spiral development and testing milestone plan, the applicability of Department of Defense acquisition

regulations, the training and support requirements, and the basing strategies for the system.

The Committee also notes that the Navy has indicated that despite its plan to spend $24,000,000 on two air vehicles that would be delivered in 2005, the Air Force has not made a firm commitment to that delivery schedule. The Committee directs the Air Force to ensure that the air vehicles and other support equipment necessary for the Navy to proceed with the BAMS UAV program, is provided in accordance with the current schedule. The Committee also directs the Navy and the Air Force to provide an explanation for the requirement to include $11,400,000 in Air Force program management and aircraft tooling costs within the $139,400,000 that the Navy has budgeted for the acquisition of Global Hawk.

VERTICAL TAKE-OFF AND LANDING TACTICAL UNMANNED AERIAL VEHICLE—RESCISSION

In fiscal year 2002, Congress provided a total of $5,000,000 for a Maritime Patrol and Reconnaissance (MPR) Study in the Research, Development, Test and Evaluation, Navy appropriation for the VTUAV. The Committee has included a rescission of $2,000,000 from outstanding balances associated with this study.

The intent of the $5,000,000 in fiscal year 2002 was a study of the concept of operations for the employment of the Global Hawk UAV in conjunction with other assets for MPR missions. Considerating the $180,300,000 fiscal year 2003 request for a Navy version of the Global Hawk UAV for the MPR mission, the Committee believes that the study has been overtaken by events and is no longer needed.

OPEN/CONVERGED ARCHITECTURE FOR NAVAL FIRES NETWORK

The Committee is aware that the Navy is exploring options for the development of an open architecture for Naval Fires Network (NFN) that will provide a "converged architecture" to allow for multiple service participation. In addition, the Committee understands that the Navy desires to ensure interoperability with the other Services and is awaiting the outcome of two upcoming military exercises before establishing specific interoperability requirements. The Committee supports the Navy's approach and has provided $2,000,000 to support the design of an open architecture to support NFN.

TACTICAL CONTROL SYSTEM (TCS) AND THE JOINT OPERATIONAL TEST BED (JOTBS)

The Committee has provided an additional $4,500,000 for the Tactical Control System (TCS) for modifications necessary for TCS to receive sensor data from a variety of UAVs, including the Global Hawk. The Committee fully supports the TCS program and believes the Navy must fully fund this requirement in the future.

The Committee has also provided an additional $7,000,000 for the Joint Operational Test Bed (JOTBS) for enhancements necessary for JOTBS to accommodate multiple UAVs. Considering the link between JOTBS and TCS, the Committee believes that the

Deputy Chief of Naval Operations for Naval Warfare (N7/N78), which sponsors TCS, be designated the Navy program sponsor for JOTBS.

ADVANCED ANTI-RADIATION GUIDED MISSILE (AARGM)/QUICKBOLT

The Committee supports the Navy's Advanced Anti-Radiation Guided Missile budget request and believes that this weapon, begun as a Small Business Innovative Research initiative, has the potential to satisfy a critical military requirement for lethal suppression of enemy air defenses. The Navy requested $48,700,000 for the AARGM program. These funds may be used to maintain the industrial base prior to acquisition milestone completion and to initiate System Development and Demonstration efforts after the acquisition milestone is accomplished. The Committee encourages the Air Force to consider participation in this program.

BONE MARROW REGISTRY

The Committee provides $34,000,000 to be administered by the C. W. Bill Young Marrow Donor Recruitment and Research Program, also known, and referred to, within the Naval Medical Research Center, as the Bone Marrow Registry. This DoD donor center has recruited more than 300,000 DoD volunteers, and provides more marrow donors per week than any other donor center in the Nation. Earlier this year, the 1,000th service member donated marrow through this donor center to save a life. The Committee is aware of the continuing success of this national and international life saving program for military contingencies and civilian patients, which now includes 4,600,000 potential volunteer donors, and encourages agencies involved in contingency planning to continue to include the C.W. Bill Young Marrow Donor Recruitment and Research Program in the development and testing of their contingency plans. DD Form 1414 shall show this as a special congressional interest item, and the Committee directs that all of the funds appropriated for this purpose be released to the C.W. Bill Young Marrow Donor Recruitment and Research Program within 60 days of enactment of the fiscal year 2003 Defense Appropriations Act.

PROGRAM RECOMMENDED

The total recommended in the bill will provide the following program in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY | | | |
| BASIC RESEARCH | | | |
| IN-HOUSE LABORATORY INDEPENDENT RESEARCH | 16,352 | 16,352 | --- |
| DEFENSE RESEARCH SCIENCES | 393,557 | 391,557 | -2,000 |
| TOTAL, BASIC RESEARCH | 409,909 | 407,909 | -2,000 |
| APPLIED RESEARCH | | | |
| POWER PROJECTION APPLIED RESEARCH | 76,612 | 115,412 | +38,800 |
| FORCE PROTECTION APPLIED RESEARCH | 89,390 | 94,890 | +5,500 |
| MARINE CORPS LANDING FORCE TECHNOLOGY | 30,274 | 30,274 | --- |
| HUMAN SYSTEMS TECHNOLOGY | --- | 1,500 | +1,500 |
| MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY | --- | 14,000 | +14,000 |
| COMMON PICTURE APPLIED RESEARCH | 75,594 | 96,094 | +20,500 |
| WARFIGHTER SUSTAINMENT APPLIED RESEARCH | 68,852 | 102,552 | +33,700 |
| RF SYSTEMS APPLIED RESEARCH | 56,263 | 66,763 | +10,500 |
| OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH | 55,180 | 70,730 | +15,550 |
| UNDERSEA WARFARE APPLIED RESEARCH | 71,294 | 81,694 | +10,400 |
| MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH | 56,813 | 56,813 | --- |
| TOTAL, APPLIED RESEARCH | 580,272 | 730,722 | +150,450 |
| ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| POWER PROJECTION ADVANCED TECHNOLOGY | 78,247 | 170,647 | +92,400 |
| FORCE PROTECTION ADVANCED TECHNOLOGY | 57,604 | 93,104 | +35,500 |
| COMMON PICTURE ADVANCED TECHNOLOGY | 37,753 | 44,753 | +7,000 |
| WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY | 82,542 | 98,042 | +15,500 |
| RF SYSTEMS ADVANCED TECHNOLOGY | 65,098 | 65,098 | --- |
| SURFACE SHIP & SUBMARINE HM&E ADVANCED TECHNOLOGY | --- | 6,000 | +6,000 |
| MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) | 51,606 | 66,206 | +14,600 |
| MEDICAL DEVELOPMENT | --- | 62,800 | +62,800 |
| ENVIRONMENTAL QUALITY & LOGISTICS ADVANCED TECHNOLOGY | --- | 2,000 | +2,000 |
| NAVY TECHNICAL INFORMATION PRESENTATION SYSTEM | 97,872 | 97,872 | --- |
| WARFIGHTER PROTECTION ADVANCED TECHNOLOGY | 19,040 | 38,040 | +19,000 |
| UNDERSEA WARFARE ADVANCED TECHNOLOGY | 40,125 | 42,125 | +2,000 |
| NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS | 43,460 | 43,460 | --- |
| MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY | 43,725 | 47,225 | +3,500 |
| TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 617,072 | 877,372 | +260,300 |
| DEMONSTRATION & VALIDATION | | | |
| AIR/OCEAN TACTICAL APPLICATIONS | 32,549 | 35,049 | +2,500 |
| AVIATION SURVIVABILITY | 7,486 | 20,986 | +13,500 |
| DEPLOYABLE JOINT COMMAND AND CONTROL | 39,772 | 7,500 | -32,272 |
| ASW SYSTEMS DEVELOPMENT | 13,207 | 26,707 | +13,500 |
| TACTICAL AIRBORNE RECONNAISSANCE | 1,922 | 15,922 | +14,000 |
| ADVANCED COMBAT SYSTEMS TECHNOLOGY | 3,350 | 3,350 | --- |
| SURFACE AND SHALLOW WATER MINE COUNTERMEASURES | 155,016 | 160,516 | +5,500 |
| SURFACE SHIP TORPEDO DEFENSE | 3,244 | 18,244 | +15,000 |
| CARRIER SYSTEMS DEVELOPMENT | 88,913 | 89,913 | +1,000 |
| SHIPBOARD SYSTEM COMPONENT DEVELOPMENT | 243,111 | 253,111 | +10,000 |
| PILOT FISH | 72,637 | 72,637 | --- |
| RETRACT LARCH | 28,482 | 28,482 | --- |
| RADIOLOGICAL CONTROL | 1,078 | 1,078 | --- |
| SURFACE ASW | 3,219 | 8,219 | +5,000 |
| SSGN CONVERSION | 82,527 | 82,527 | --- |
| ADVANCED SUBMARINE SYSTEM DEVELOPMENT | 107,389 | 136,389 | +29,000 |
| SUBMARINE TACTICAL WARFARE SYSTEMS | 11,601 | 11,601 | --- |
| SHIP CONCEPT ADVANCED DESIGN | 5,820 | 23,820 | +18,000 |
| SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES | 2,983 | 2,983 | --- |
| ADVANCED NUCLEAR POWER SYSTEMS | 216,091 | 216,091 | --- |
| ADVANCED SURFACE MACHINERY SYSTEMS | 2,931 | 2,931 | --- |
| CHALK EAGLE | 20,978 | 20,978 | --- |
| COMBAT SYSTEM INTEGRATION | 40,464 | 66,964 | +26,500 |
| CONVENTIONAL MUNITIONS | 22,445 | 24,945 | +2,500 |
| MARINE CORPS ASSAULT VEHICLES | 272,092 | 277,592 | +5,500 |
| MARINE CORPS MINE/COUNTERMEASURES SYSTEMS - ADV DEV | 497 | 497 | --- |
| MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM | 27,777 | 37,777 | +10,000 |
| JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 12,877 | 12,877 | --- |
| COOPERATIVE ENGAGEMENT | 86,144 | 118,144 | +32,000 |
| OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT | 15,257 | 15,257 | --- |
| ENVIRONMENTAL PROTECTION | 44,206 | 48,206 | +4,000 |
| NAVY ENERGY PROGRAM | 5,060 | 17,060 | +12,000 |
| FACILITIES IMPROVEMENT | 2,124 | 4,624 | +2,500 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| CHALK CORAL | 50,704 | 67,104 | +16,400 |
| NAVY LOGISTIC PRODUCTIVITY | 13,023 | 32,023 | +19,000 |
| RETRACT MAPLE | 212,506 | 276,506 | +64,000 |
| LINK PLUMERIA | 82,909 | 82,909 | --- |
| RETRACT ELM | 21,900 | 21,900 | --- |
| SHIP SELF DEFENSE - DEM/VAL | 5,930 | 5,930 | --- |
| LINK EVERGREEN | 55,971 | 55,971 | --- |
| SPECIAL PROCESSES | 39,756 | 39,756 | --- |
| NATO RESEARCH AND DEVELOPMENT | 11,581 | 11,581 | --- |
| LAND ATTACK TECHNOLOGY | 108,693 | 130,693 | +22,000 |
| NONLETHAL WEAPONS - DEM/VAL | 24,082 | 24,082 | --- |
| ALL SERVICE COMBAT IDENTIFICATION EVALUATION TEAM | 14,414 | 14,414 | --- |
| JOINT PRECISION APPROACH AND LANDING SYSTEMS - DEM/VAL | 11,932 | 11,932 | --- |
| SINGLE INTEGRATED AIR PICTURE (SIAP) SYSTEM ENGINEER | 73,966 | 73,966 | --- |
| SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE | 31,623 | 33,623 | +2,000 |
| TOTAL, DEMONSTRATION & VALIDATION | 2,432,239 | 2,745,367 | +313,128 |
| ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| OTHER HELO DEVELOPMENT | 31,123 | 38,623 | +7,500 |
| AV-8B AIRCRAFT - ENG DEV | 18,565 | 18,565 | --- |
| STANDARDS DEVELOPMENT | 37,757 | 42,957 | +5,200 |
| MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT | 88,969 | 95,969 | +7,000 |
| S-3 WEAPON SYSTEM IMPROVEMENT | 422 | 422 | --- |
| AIR/OCEAN EQUIPMENT ENGINEERING | 5,725 | 9,725 | +4,000 |
| P-3 MODERNIZATION PROGRAM | 2,348 | 2,348 | --- |
| TACTICAL COMMAND SYSTEM | 81,475 | 81,475 | --- |
| E-2C RADAR MODERNIZATION | 113,681 | 113,681 | --- |
| H-1 UPGRADES | 241,384 | 241,384 | --- |
| ACOUSTIC SEARCH SENSORS | 13,929 | 13,929 | --- |
| V-22A | 420,109 | 420,109 | --- |
| AIR CREW SYSTEMS DEVELOPMENT | 6,695 | 7,695 | +1,000 |
| EW DEVELOPMENT | 74,742 | 75,642 | +900 |
| JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) | 20,373 | 20,373 | --- |
| SC-21 TOTAL SHIP SYSTEM ENGINEERING | 717,397 | 642,397 | -75,000 |
| SURFACE COMBATANT COMBAT SYSTEM ENGINEERING | 300,748 | 323,748 | +23,000 |
| LPD-17 CLASS SYSTEMS INTEGRATION | 10,133 | 10,133 | --- |
| TRI-SERVICE STANDOFF ATTACK MISSILE | 14,943 | 14,943 | --- |
| SMALL DIAMETER BOMB (SDB) | 1,989 | 1,989 | --- |
| STANDARD MISSILE IMPROVEMENTS | 16,288 | 16,288 | --- |
| AIRBORNE MCM | 67,240 | 69,240 | +2,000 |
| SSN-688 AND TRIDENT MODERNIZATION | 98,516 | 133,016 | +34,500 |
| AIR CONTROL | 4,951 | 4,951 | --- |
| ENHANCED MODULAR SIGNAL PROCESSOR | 513 | 513 | --- |
| SHIPBOARD AVIATION SYSTEMS | 24,619 | 24,619 | --- |
| NEW DESIGN SSN | 238,253 | 250,253 | +12,000 |
| SSN-21 DEVELOPMENTS | 3,981 | 3,981 | --- |
| SUBMARINE TACTICAL WARFARE SYSTEM | 13,975 | 13,975 | --- |
| SHIP CONTRACT DESIGN/LIVE FIRE T&E | 184,545 | 159,545 | -25,000 |
| NAVY TACTICAL COMPUTER RESOURCES | 2,185 | 25,685 | +23,500 |
| MINE DEVELOPMENT | 1,491 | 1,491 | --- |
| UNGUIDED CONVENTIONAL AIR-LAUNCHED WEAPONS | 12,142 | 12,142 | --- |
| LIGHTWEIGHT TORPEDO DEVELOPMENT | 7,769 | 13,769 | +6,000 |
| JOINT DIRECT ATTACK MUNITION | 48,861 | 48,861 | --- |
| JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 7,781 | 7,781 | --- |
| PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS | 1,331 | 1,331 | --- |
| NAVY ENERGY PROGRAM | 5,691 | 5,691 | --- |
| BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM | 14,070 | 14,070 | --- |
| JOINT STANDOFF WEAPON SYSTEMS | 16,652 | 16,652 | --- |
| SHIP SELF DEFENSE (DETECT CONTROL) | 61,966 | 61,966 | --- |
| SHIP SELF DEFENSE (ENGAGE: HARD KILL) | 19,528 | 26,528 | +7,000 |
| SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) | 28,064 | 42,064 | +14,000 |
| MEDICAL DEVELOPMENT | 7,154 | 7,154 | --- |
| NAVIGATION/ID SYSTEM | 46,618 | 46,618 | --- |
| DISTRIBUTED SURVEILLANCE SYSTEM | 35,861 | 35,861 | --- |
| JOINT STRIKE FIGHTER (JSF) - EMD | 1,727,500 | 1,727,500 | --- |
| SMART CARD | 711 | 711 | --- |
| INFORMATION TECHNOLOGY DEVELOPMENT | 8,079 | 8,079 | --- |
| INFORMATION TECHNOLOGY DEVELOPMENT | 43,213 | 81,713 | +38,500 |
| DEFENSE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM | 51,297 | 51,297 | --- |
| JOINT COUNTER-INTELLIGENCE ASSESSMENT GROUP (JCAG) | 2,337 | 2,337 | --- |
| MULTI-MISSION MARITIME AIRCRAFT (MMA) | 74,531 | 64,531 | -10,000 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| NAVY STANDARD INTEGRATED PERSONNEL SYSTEM (NSIPS) | 12,798 | 12,798 | --- |
| TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 5,093,018 | 5,169,118 | +76,100 |
| RDT&E MANAGEMENT SUPPORT | | | |
| THREAT SIMULATOR DEVELOPMENT | 30,599 | 30,599 | --- |
| TARGET SYSTEMS DEVELOPMENT | 45,562 | 45,562 | --- |
| MAJOR T&E INVESTMENT | 42,453 | 44,453 | +2,000 |
| STUDIES AND ANALYSIS SUPPORT - NAVY | 4,071 | 8,071 | +4,000 |
| CENTER FOR NAVAL ANALYSES | 45,435 | 45,435 | --- |
| FLEET TACTICAL DEVELOPMENT | 2,771 | 2,771 | --- |
| TECHNICAL INFORMATION SERVICES | 929 | 16,429 | +15,500 |
| MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT | 50,787 | 35,787 | -15,000 |
| STRATEGIC TECHNICAL SUPPORT | 2,340 | 2,340 | --- |
| RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT | 59,447 | 59,447 | --- |
| RDT&E INSTRUMENTATION MODERNIZATION | 13,289 | 14,214 | +925 |
| RDT&E SHIP AND AIRCRAFT SUPPORT | 71,519 | 71,519 | --- |
| TEST AND EVALUATION SUPPORT | 278,838 | 278,838 | --- |
| OPERATIONAL TEST AND EVALUATION CAPABILITY | 12,642 | 12,642 | --- |
| NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT | 3,242 | 3,242 | --- |
| SEW SURVEILLANCE/RECONNAISSANCE SUPPORT | 12,120 | 12,120 | --- |
| MARINE CORPS PROGRAM WIDE SUPPORT | 12,208 | 29,708 | +17,500 |
| TOTAL, RDT&E MANAGEMENT SUPPORT | 688,252 | 713,177 | +24,925 |
| OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| STRATEGIC SUB & WEAPONS SYSTEM SUPPORT | 40,278 | 110,178 | +69,900 |
| SSBN SECURITY TECHNOLOGY PROGRAM | 34,567 | 34,567 | --- |
| SUBMARINE ACOUSTIC WARFARE DEVELOPMENT | 1,091 | 1,091 | --- |
| NAVY STRATEGIC COMMUNICATIONS | 21,452 | 21,452 | --- |
| F/A-18 SQUADRONS | 204,466 | 214,466 | +10,000 |
| E-2 SQUADRONS | 19,011 | 19,011 | --- |
| FLEET TELECOMMUNICATIONS (TACTICAL) | 12,576 | 12,576 | --- |
| TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) | 94,265 | 102,265 | +8,000 |
| INTEGRATED SURVEILLANCE SYSTEM | 20,405 | 26,405 | +6,000 |
| AMPHIBIOUS TACTICAL SUPPORT UNITS | 6,352 | 6,352 | --- |
| CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT | 31,421 | 35,421 | +4,000 |
| ELECTRONIC WARFARE (EW) READINESS SUPPORT | 6,731 | 35,731 | +29,000 |
| HARM IMPROVEMENT | 60,758 | 61,758 | +1,000 |
| TACTICAL DATA LINKS | 42,667 | 42,667 | --- |
| SURFACE ASW COMBAT SYSTEM INTEGRATION | 24,424 | 24,424 | --- |
| MK-48 ADCAP | 22,052 | 22,052 | --- |
| AVIATION IMPROVEMENTS | 40,915 | 40,915 | --- |
| NAVY SCIENCE ASSISTANCE PROGRAM | 4,801 | 4,801 | --- |
| OPERATIONAL NUCLEAR POWER SYSTEMS | 56,804 | 56,804 | --- |
| MARINE CORPS COMMUNICATIONS SYSTEMS | 174,664 | 218,964 | +44,300 |
| MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS | 36,004 | 39,004 | +3,000 |
| MARINE CORPS COMBAT SERVICES SUPPORT | 21,041 | 21,041 | --- |
| TACTICAL AIM MISSILES | 1,957 | 1,957 | --- |
| ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) | 8,124 | 8,124 | --- |
| SATELLITE COMMUNICATIONS (SPACE) | 115,903 | 115,903 | --- |
| INFORMATION SYSTEMS SECURITY PROGRAM | 18,436 | 18,436 | --- |
| NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC) | 19,801 | 19,801 | --- |
| JOINT C4ISR BATTLE CENTER (JBC) | 21,970 | 21,970 | --- |
| JOINT MILITARY INTELLIGENCE PROGRAMS | 6,709 | 6,709 | --- |
| TACTICAL UNMANNED AERIAL VEHICLES | 206,359 | 249,659 | +43,300 |
| AIRBORNE RECONNAISSANCE SYSTEMS | 5,469 | 14,469 | +9,000 |
| MANNED RECONNAISSANCE SYSTEMS | 11,166 | 11,166 | --- |
| DISTRIBUTED COMMON GROUND SYSTEMS | 4,482 | 9,482 | +5,000 |
| NAVAL SPACE SURVEILLANCE | 9,548 | 9,548 | --- |
| MODELING AND SIMULATION SUPPORT | 7,783 | 7,783 | --- |
| DEPOT MAINTENANCE (NON-IF) | 7,119 | 7,119 | --- |
| INDUSTRIAL PREPAREDNESS | 70,631 | 76,631 | +6,000 |
| MARITIME TECHNOLOGY (MARITECH) | 9,943 | 14,693 | +4,750 |
| TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,502,145 | 1,745,395 | +243,250 |
| CLASSIFIED PROGRAMS | 1,178,723 | 1,178,723 | --- |
| RETIREMENT ACCRUALS | -5,565 | -5,565 | --- |
| TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY | 12,496,065 | 13,562,218 | +1,066,153 |

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

| | |
|---|---|
| Fiscal year 2002 appropriation | $14,669,931,000 |
| Fiscal year 2003 budget request | 17,564,984,000 |
| Committee recommendation | 18,639,392,000 |
| Change from budget request | +1,074,408,000 |

This appropriation finances the research, development, test and evaluation activities of the Department of the Air Force.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 1 | DEFENSE RESEARCH SCIENCES | 219,144 | 226,144 | +7,000 |
| | Center for Adaptive Optics | | | +4,000 |
| | Coal Based Jet Fuel | | | +3,000 |
| 2 | MATERIALS | 75,272 | 89,272 | +14,000 |
| | Nanostructured Materials (Note: To be performed through a not-for-profit collaboration with industry and affiliated universities within the facilities of AFRL.) | | | +4,500 |
| | Environmentally Sound Aircraft Coatings | | | +1,000 |
| | Thermal Management for Military Aircraft and Space Structures | | | +2,500 |
| | Tyndall AFRL | | | +2,000 |
| | Advanced Wide Bandgap Materials Technology | | | +4,000 |
| 3 | AEROSPACE VEHICLE TECHNOLOGIES | 78,789 | 80,789 | +2,000 |
| | Intelligent Flight Control Simulation Research Laboratory | | | +2,000 |
| 4 | HUMAN EFFECTIVENESS APPLIED RESEARCH | 66,000 | 75,500 | +9,500 |
| | Biotechnology - Cellular Dynamics and Engineering (Note: To be performed through a not-for-profit collaboration with industry and affiliated universities within the facilities of AFRL.) | | | +3,500 |
| | 3-D Audio Display Technology | | | +1,000 |
| | Rapid Detection of Biological Weapons of Mass Destruction (Note: Only to continue the design and development of probe kits to identify Biological WMD.) | | | +5,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 5 | AEROSPACE PROPULSION | 107,659 | 148,959 | +41,300 |
| | Transfer from DERF | | | +5,700 |
| | Pulse Detonation Engine | | | +6,000 |
| | Advanced Vehicle and Propulsion Center (Note: For a common AFRL/SMC product center co-located with the Rocket Propulsion Laboratory) | | | +5,000 |
| | Cryo Installation for Jet and Rocket Engine Test Site (Note: Only for cryogenic propellant storage and delivery systems with related control and safety systems.) | | | +9,000 |
| | Reusable Launch Vehicle Technology (Note: To upgrade space infrastructure to support RLV development.) | | | +2,600 |
| | Lithium Ion Battery Development | | | +6,000 |
| | High Power Advanced Low Mass (HPALM) | | | +3,000 |
| | PBO Membranes for Advanced/High Performance Fuel Cells (Note: For developing and certifying this material for the Air Force UCAV.) | | | +3,000 |
| | UCAV Integrated Starter Generator | | | +1,000 |
| 6 | AEROSPACE SENSORS | 75,799 | 79,799 | +4,000 |
| | Wireless Surveillance of Hostile Threats | | | +1,000 |
| | Advanced FT-IR Gas Analysis | | | +2,000 |
| | Phased Array Antenna and Control System | | | +1,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 7 | MULTI-DISCIPLINARY SPACE TECHNOLOGY | 53,592 | 103,592 | +50,000 |
| | Transfer from DERF | | | +43,000 |
| | Engineering Tool Improvement Program | | | +3,000 |
| | Integrated High Payoff Rocket Propulsion Technology | | | +4,000 |
| 8 | SPACE TECHNOLOGY | 58,582 | 67,582 | +9,000 |
| | Mixed Signal VLSI for Space Vehicle Communication Subsystems | | | +2,000 |
| | Seismic Monitoring Research | | | +3,000 |
| | Lightweight and Novel Structures for Space (Note: Funds are provided only to develop advanced mirror systems and space structures for the Air Force.) | | | +1,000 |
| | Techsat 21 | | | +3,000 |
| 11 | COMMAND CONTROL AND COMMUNICATIONS | 70,951 | 83,451 | +12,500 |
| | Agile R&D/S&T COE | | | +5,000 |
| | Information Protection and Authentication | | | +1,500 |
| | Information Management for Crisis Response | | | +6,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 14 | ADVANCED MATERIALS FOR WEAPON SYSTEMS | 21,138 | 36,638 | +15,500 |
| | Vapor Grown Carbon Fiber | | | +1,500 |
| | Handheld Holographic Radar Gun | | | +1,500 |
| | Advanced Material Corrosion Research for LM Alloys | | | +1,000 |
| | Quantitative Inspection Techniques for Assessing Aging of Military Aircraft | | | +2,500 |
| | Hybrid Bearing | | | +2,000 |
| | Tyndall AFRL | | | +3,000 |
| | Ceramic Matrix Composites for Engines (Note: To implement cost reduction technologies needed to meet affordability goals.) | | | +2,000 |
| | Advanced Laser Program for Plasma Enhanced Chemical Vapor Deposition Techniques for Laser Protection Coatings. | | | +2,000 |
| 16 | ADVANCED AEROSPACE SENSORS | 50,589 | 54,589 | +4,000 |
| | Advanced Physical Vapor Transport | | | +1,000 |
| | National Operational Signature Production and Research Capability | | | +3,000 |
| 18 | AEROSPACE TECHNOLOGY DEV/DEMO | 22,315 | 30,315 | +8,000 |
| | Powdered Programmable Preform Process (Note: To be performed through a not-for-profit collaboration with industry and affiliated universities within the facilities of AFRL.) | | | +4,000 |
| | Ultra-lightweight Composites | | | +500 |
| | Advanced Aluminum Aerostructures | | | +3,500 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 19 | AEROSPACE PROPULSION AND POWER TECHNOLOGY | 85,650 | 91,050 | +5,400 |
| | Transfer from DERF | | | +4,400 |
| | Joint Expendable Turbine Engine Concept Phase III | | | +1,000 |
| 21 | CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY | 29,690 | 40,190 | +10,500 |
| | Combat Automation Requirement Testbed | | | +2,500 |
| | Special Operations Crew Research at Brooks AFB | | | +3,000 |
| | Laser Eye Protection Research | | | +2,000 |
| | Battlespace Logistics Readiness and Sustainment | | | +1,000 |
| | Helmet Queuing System Technology | | | +2,000 |
| 24 | ELECTRONIC COMBAT TECHNOLOGY | 23,350 | 24,350 | +1,000 |
| | Only for a study to be conducted by AFRL to assess the "see and avoid" requirement for UAVs to operate in national airspace and to conduct an analysis of capabilities for meeting this requirement. | | | +1,000 |
| 26 | BALLISTIC MISSILE TECHNOLOGY | 0 | 22,900 | +22,900 |
| | Transfer from DERF | | | +4,900 |
| | BMT - Advanced Guidance Technologies for Ballistic Missiles and Range Safety Instrumentation. (Note: To include advanced accelerometer, flight computer and vehicle structure technology.) | | | +15,000 |
| | BMT - Common Guidance Development Program of Sensor Technologies | | | +3,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 28 | ADVANCED SPACECRAFT TECHNOLOGY | 42,315 | 46,315 | +4,000 |
| | Next Generation Hybrid Orbital Maneuver Vehicle | | | +1,000 |
| | Capacitively Coupled Interconnect (Note: To develop new integrated circuit interconnection technology.) | | | +2,000 |
| | Integrated Spacecraft Engineering Tool (Note: Only to develop, demonstrate and validate an integrated spacecraft engineering, modeling, simulation and design tool to support rapid prototyping and collaborative RDT&E of advanced spacecraft and satellites.) | | | +1,000 |
| 30 | TRANSFORMATIONAL WIDEBAND MILSATCOM | 195,000 | 115,000 | -80,000 |
| | Defer 4th quarter Phase B contract award | | | -80,000 |
| 31 | MAUI SPACE SURVEILLANCE SYSTEM (MSSS) | 6,472 | 10,472 | +4,000 |
| | High Accuracy Network Determination System | | | +4,000 |
| 33 | CONVENTIONAL WEAPONS TECHNOLOGY | 38,001 | 43,001 | +5,000 |
| | BLU-109 Heavy Warhead (Note: For construction of warheads with tungsten heavy alloy core and for integration with JDAM and B-1B.) | | | +5,000 |
| 34 | ADVANCED WEAPONS TECHNOLOGY | 28,271 | 48,771 | +20,500 |
| | Laser Illuminated Viewing and Ranging Sensor Development | | | +6,000 |
| | GLINT | | | +6,000 |
| | Sodium Wavelength Laser | | | +2,500 |
| | Mobile Active Targeting Resource for Integrated Experiments | | | +6,000 |
| 35 | ENVIRONMENTAL ENGINEERING TECHNOLOGY | 0 | 2,500 | +2,500 |
| | Bioreactor Technologies Evaluation and Testing | | | +2,500 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 37 | C3I ADVANCED DEVELOPMENT | 34,288 | 46,788 | +12,500 |
| | Information Protection and Authentication | | | +4,500 |
| | Automatic Acoustic Target Recognition | | | +3,500 |
| | Identification of Time Critical Targets (Note: Only to provide enhanced target identification capability using the MIDAS and FOPEX technology.) | | | +4,500 |
| 42 | NAVSTAR GLOBAL POSITIONING SYSTEM III | 100,217 | 50,217 | -50,000 |
| | 1 year slip in GPS III | | | -50,000 |
| 43 | ADVANCED EHF MILSATCOM (SPACE) | 825,783 | 844,783 | +19,000 |
| | Transfer from DERF | | | +19,000 |
| 53 | INTEGRATED BROADCAST SERVICE (DEM/VAL) | 19,870 | 39,070 | +19,200 |
| | Smart Pull Technology - Transfer from DERF | | | +12,600 |
| | IBS - Transfer from DERF | | | +6,600 |
| 54 | INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL | 63,025 | 70,525 | +7,500 |
| | Transfer from DERF | | | +7,500 |
| 55 | WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE) | 20,009 | 14,009 | -6,000 |
| | Six month delay in 2002 CCS-C contract award | | | -6,000 |
| 65 | B-1B | 160,688 | 78,688 | -82,000 |
| | ALE-55 Towed Decoy Delay | | | -82,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 69 | B-2 ADVANCED TECHNOLOGY BOMBER | 225,327 | 265,327 | +40,000 |
| | B-2 Radar - Transfer from DERF | | | +50,000 |
| | EHF Integration | | | -27,000 |
| | Low Observable Improvements | | | +17,000 |
| 71 | EW DEVELOPMENT | 65,082 | 36,582 | -28,500 |
| | ALE-55 Towed Decoy Delay | | | -43,000 |
| | Loitering Electronic Warfare Killer | | | +4,500 |
| | Precision Location and Identification (PLAID) | | | +10,000 |
| 75 | SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD | 814,927 | 744,927 | -70,000 |
| | Unexecutable growth in ground segment | | | -70,000 |
| 77 | MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE) | 148,936 | 106,936 | -42,000 |
| | Excess end of year funds | | | -50,000 |
| | Joint Integrated SATCOM Technology | | | +8,000 |
| | MUNITIONS DISPENSER DEVELOPMENT | 0 | 7,000 | +7,000 |
| | WCMD - ER | | | +7,000 |
| 83 | LIFE SUPPORT SYSTEMS | 925 | 9,725 | +8,800 |
| | Fixed Aircrew Standardized Seats | | | +4,800 |
| | Advanced Concept Ejection Seat II Improvement | | | +4,000 |
| 86 | COMBAT TRAINING RANGES | 13,524 | 15,524 | +2,000 |
| | Integration of tactical information and ground tracking into the Nellis Air Combat Training System. | | | +2,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 87 | INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A) | 226 | 13,226 | +13,000 |
| | Distributed Mission Interoperability Toolkit | | | +4,000 |
| | National Product Line Asset Center (NPLACE) | | | +7,000 |
| | Interactive Three Dimensional Human Interface | | | +2,000 |
| 96 | RDT&E FOR AGING AIRCRAFT | 19,871 | 34,871 | +15,000 |
| | Aging Aircraft Enterprise Knowledge Portal | | | +2,500 |
| | Viable Combat Avionics Initiative | | | +2,500 |
| | Aging Landing Gear Life Extension | | | +10,000 |
| 104 | MAJOR T&E INVESTMENT | 46,338 | 64,838 | +18,500 |
| | Holloman High Speed Test Track | | | +3,000 |
| | Airborne Separation Video System | | | +1,500 |
| | Laser Induced Surface Improvement Technology | | | +1,000 |
| | Mariah II Hypersonic Wind Tunnel | | | +6,000 |
| | Electronic Countermeasures Upgrades for the Generic Radar Target Generator | | | +4,000 |
| | ILIAD | | | +3,000 |
| 110 | ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) | 16,237 | 34,237 | +18,000 |
| | Support MTD -3b Flight Demonstration | | | +4,000 |
| | Ballistic Missile Range Safety Technology | | | +14,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 116 | ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY | 8,000 | 9,000 | +1,000 |
| | Active Protection for Integrated Circuits (Note: To accelerate and implement an active anti-tamper device using a hands-safe 3mm 'micro detonator'.) | | | +1,000 |
| 127 | F-16 SQUADRONS | 81,338 | 85,338 | +4,000 |
| | F-16 Advanced IFF Interrogator (Note: To integrate the AN/APX-113 into the F-16C Block 40 aircraft) | | | +4,000 |
| 134 | AF TENCAP | 10,496 | 15,996 | +5,500 |
| | Adverse Weather Ballistic Imaging and Targeting | | | +2,500 |
| | GPS - Jammer Detection and Location System | | | +3,000 |
| 135 | SPECIAL EVALUATION PROGRAM | 110,080 | 130,280 | +20,200 |
| | Transfer from DERF | | | +17,000 |
| | Transfer from DERF | | | +3,200 |
| 136 | COMPASS CALL | 3,877 | 12,877 | +9,000 |
| | TRACS-F and Signal Analysis Subsystem upgrades | | | +9,000 |
| 139 | JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) | 42,097 | 52,097 | +10,000 |
| | JASSM-ER | | | +10,000 |
| 140 | AEROSPACE OPERATIONS CENTER (AOC) | 35,875 | 93,075 | +57,200 |
| | Upgrades to Aerospace Operations Centers | | | +57,200 |
| 144 | EVALUATION AND ANALYSIS PROGRAM | 230,218 | 233,218 | +3,000 |
| | Adaptive Information Protection Technology | | | +3,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 148 | MC2C (MULTI-SENSOR COMMAND AND CONTROL CONSTELLATION) | 191,089 | 596,089 | +405,000 |
| | RDTE Testbed Aircraft - Transfer from DERF | | | +488,000 |
| | Network Centric Collaborative Targeting Integration moved to R-1 #195 | | | -8,000 |
| | Funds excess to fiscal year 2003 requirement | | | -75,000 |
| 149 | JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM (JOI | 55,515 | 67,515 | +12,000 |
| | Global Air Traffic Management (GATM) Upgrades | | | +5,000 |
| | Joint Services Work Station | | | +7,000 |
| 151 | ADVANCED PROGRAM EVALUATION | 220,088 | 237,088 | +17,000 |
| | Transfer from DERF | | | +17,000 |
| 152 | USAF MODELING AND SIMULATION | 21,895 | 22,895 | +1,000 |
| | Synthetic Theater Operations Research Model | | | +1,000 |
| 153 | WARGAMING AND SIMULATION CENTERS | 5,278 | 7,278 | +2,000 |
| | Theater Air Command and Control Simulation Facility | | | +2,000 |
| 159 | TECHNICAL EVALUATION SYSTEM | 135,588 | 190,588 | +55,000 |
| | Transfer from DERF | | | +55,000 |
| | Transfer from DERF | | | +30,000 |
| | Payload for UAVs | | | -30,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 171 | INFORMATION SYSTEMS SECURITY PROGRAM | 9,353 | 22,853 | +13,500 |
| | Transfer from DERF | | | +4,000 |
| | Center for Information Assurance Security | | | +3,500 |
| | World Infrastructure Support Environment (Note: Only to continue the existing program.) | | | +6,000 |
| 172 | GLOBAL COMBAT SUPPORT SYSTEM | 29,168 | 27,168 | -2,000 |
| | Non-compliance with Clinger-Cohen Act | | | -6,000 |
| | Enterprise Data Warehouse | | | +4,000 |
| 185 | INTELLIGE | 6,486 | 15,486 | +9,000 |
| | ARGUS MASINT - Transfer from DERF | | | +9,000 |
| 186 | DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE) | 42,076 | 42,076 | 0 |
| | Defense Reconnaissance Support Activities - Transfer from DERF | | | +120,300 |
| | Defense Reconnaissance Support Activities | | | -120,300 |
| 189 | NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL | 324,098 | 296,098 | -28,000 |
| | AF requested transfer | | | -28,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 191 | SPACELIFT RANGE SYSTEM (SPACE) | 82,108 | 104,408 | +22,300 |
| | Eastern Range Core Crew | | | +7,000 |
| | Range Technology Demonstration (Note: Only to implement SMC's planned Range Technology Demonstration initiative to improve tracking, telemetry and commanding communications.) | | | +4,000 |
| | Space Technology | | | +8,000 |
| | Space Homeland Security (Note: To demonstrate the application of space technologies to improve Homeland Security.) | | | +3,300 |
| 192 | DRAGON U-2 (JMIP) | 17,442 | 20,142 | +2,700 |
| | U-2 SIGINT - Transfer from DERF | | | +13,500 |
| | U-2 sensors not yet tested | | | -10,800 |
| 193 | ENDURANCE UNMANNED AERIAL VEHICLES | 309,743 | 354,743 | +45,000 |
| | Global Hawk Defensive Systems - Transfer from DERF | | | +30,000 |
| | Global Hawk SIGINT - Transfer from DERF | | | +5,000 |
| | Predator A&B - Transfer from DERF | | | +10,000 |
| | Global Hawk Defensive Systems | | | -30,000 |
| | Global Hawk SIGINT Sensors Development | | | -59,000 |
| | Global Hawk - Advanced Payload Development and Support | | | +84,000 |
| | Global Hawk - Producability Initiatives | | | +7,000 |
| | Global Hawk - German Air Show Demo | | | -5,000 |
| | MAEUAV - (Note: Only to transition the Predator view mission planning system to production.) | | | +3,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 194 | AIRBORNE RECONNAISSANCE SYSTEMS | 66,810 | 55,035 | -11,775 |
| | Sensor Development - Moved to Global Hawk Line | | | -15,775 |
| | Tactical Airborne Reconnaissance System (TARS) (Note: Only to complete the development of the data link and SAR integration into the TARS pods operated by the Air National Guard.) | | | +4,000 |
| 195 | MANNED RECONNAISSANCE SYSTEMS | 0 | 8,000 | +8,000 |
| | Network Centric Collaborative Targeting (NCCT) | | | +8,000 |
| 196 | DISTRIBUTED COMMON GROUND SYSTEMS | 20,708 | 31,908 | +11,200 |
| | Commercial Imagery - Transfer from DERF | | | +2,400 |
| | DCGS MASINT - Transfer from DERF | | | +5,000 |
| | AF DCGS Geospatial Services - Transfer from DERF | | | +3,800 |
| | DCGS/U2-SIGINT Network - Transfer from DERF | | | +15,000 |
| | Ground Systems Upgrades for not yet developed SIGINT package | | | -15,000 |
| 204 | C-5 AIRLIFT SQUADRONS | 277,795 | 304,395 | +26,600 |
| | Avionics Modernization Program (Transfer from AP, AF) | | | +26,600 |
| 211 | DEPOT MAINTENANCE (NON-IF) | 1,340 | 2,840 | +1,500 |
| | Metrology | | | +1,500 |
| 212 | INDUSTRIAL PREPAREDNESS | 37,581 | 49,081 | +11,500 |
| | Prototype LO Coatings Development | | | +4,500 |
| | Technology Insertion Demonstration and Evaluation (TIDE) (Note: For the TIDE program's Manufacturing Technology Initiative.) | | | +3,000 |
| | Laser Peening for F119 Engine | | | +4,000 |

| R-1 | | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|---|
| 214 | PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN PRO | 4,767 | 7,767 | +3,000 |
| | Aircraft Turbine Engine Sustainment | | | +3,000 |
| 216 | SUPPORT SYSTEMS DEVELOPMENT | 35,813 | 46,813 | +11,000 |
| | Low Emission/Efficient Hybrid Aviation Refueling Truck Propulsion | | | +3,000 |
| | Center for Aircraft and System/Support Infrastructure | | | +5,000 |
| | Aging Aircraft (Note: To accelerate implementation of an integrated data environment for the C-5 and C-17.) | | | +3,000 |
| 220 | FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT | 21,326 | 0 | -21,326 |
| | SECDEF Systems Initiatives Policy | | | -21,326 |

BIOREACTOR ENVIRONMENTAL INITIATIVE

The Committee recommends $2,500,000 only to continue a bioreactor environmental technology research and development initiative to treat military and industrial wastewaters and protect water supplies that could be attacked by biological or chemical terrorism.

GLOBAL HAWK HIGH ALTITUDE ENDURANCE UNMANNED AERIAL VEHICLE (HAEUAV)

The Committee is very pleased that the Air Force is aggressively pursuing cost reduction initiatives in an effort to reduce the overall cost of this system. To help the Air Force achieve a reduction in the overall cost of Global Hawk, the Committee has provided an additional $7,000,000 for "producability initiatives" such as tooling enhancements and improvements and special test equipment.

The Committee believes a major factor in the cost of this system is the development of short-term and longer-term sensor packages that would be integrated into the vehicle. The Committee believes that the development of these packages is crucial to the success of the Global Hawk as a system. Therefore, the Committee has moved funds from within the Global Hawk program and other research efforts into a new line called "Advanced Payload Development and Support," and has provided a total of $84,000,000 for this effort. It is the Committee's intent that within these funds, the development of the High Band Subsystem (HBSS) will continue at the budget request level of $54,000,000.

The Committee believes that the efforts funded with this total $84,000,000, support similar Air Force requirements for manned reconnaissance as well as similar missions and requirements of the other Services, especially the U.S. Navy. The Committee directs the Air Force to consider the applicability of all of its Global Hawk payload development efforts to other Air Force systems and missions, and to share development, test, and other data with the other Services as appropriate.

The Committee believes that the Air Force has taken into consideration the total cost of the system and may be considering an option that would adopt a concept of using multiple vehicles to carry different payload packages. This would produce the same effect as one vehicle with multiple sensor packages without the significant costs of integration and cooling and power upgrades necessary to accommodate multiple sensors. This approach may provide the best alternative for reaching the desired goal at an earlier date and at a reduced total cost.

The Committee directs the Air Force to submit a report by May 1, 2003, that describes the total Global Hawk program objective, the final spiral development and testing milestone plan, the applicability of DoD acquisition regulations, and the training and support requirements.

NETWORK-CENTRIC COLLABORATIVE TARGETING (NCCT)

The Committee is supportive of the Air Force Network-Centric Collaborative Targeting (NCCT) program and has provided an additional $8,000,000 to advance this effort in fiscal year 2003.

The Committee believes that the Air Force approach must be consistent with the networking approaches of the Army and the Navy, as well as other networking approaches of the Air Force. Therefore, the Committee requests the Air Force submit a report by February 1, 2003, that describes the planned development and testing of the NCCT system, as well as its applicability and interoperability with the Army's Distributed Common Ground System (DCGS), the Navy's Naval Fires Network system, and the Air Force's ISR Battle management system.

TRANSFORMATIONAL WIDEBAND MILSATCOM

The Air Force requested $195,000,000 for the Transformational Wideband MILSATCOM program. The Committee recommends $115,000,000, a decrease of $80,000,000 reflecting the anticipated delay of the planned 4th quarter award of the system definition (phase b) contract. The Committee is very supportive of this program, seeing it as potentially one of the most transformational programs funded in the budget. However, the current schedule is likely unexecutable given the need to carefully refine requirements prior to award of the phase b system definition contract. DoD's recent experience with the Advanced EHF satellite, the replacement to MILSTAR, vividly demonstrates the challenges associated with the requirements definition process, even in "simple cases" in which we are updating an existing capability. DoD's recent experience with SBIRS High highlights the dangers of failing to refine requirements prior to full development. Consequently, the Committee recommends a reduction of $80,000,000, reflecting the probability that the requirements process (as well as other elements of the normal acquisition process) will drive the planned 4th quarter 2003 award of the Transformational Wideband system definition contract into fiscal year 2004.

SBIRS HIGH

The Air Force requested $814,927,000 for the SBIRS High program. The Committee recommends $744,927,000, a reduction of $70,000,000. In fiscal year 2002, the Air Force plans to spend $105,000,000 on ground system development. In fiscal year 2003, the Air Force plans to almost triple this amount with a request of $270,000,000. The Committee believes that this increase is not executable in a single year and that significant funds would carry forward into fiscal year 2004. Accordingly, the Committee recommends a reduction of $70,000,000, which still presents the Air Force with a significant challenge of doubling the level of effort on ground system development.

MILSTAR

The Air Force requested $148,936,000 for MILSTAR. The Committee recommends $98,936,000, a reduction of $50,000,000. The Committee notes that the last MILSTAR satellite is currently scheduled for a November 2002 launch, but funding has been budgeted through September 2003. The Committee believes that the $148,936,000 budgeted is excessive, especially given the few anom-

alies experienced in our most recent MILSTAR launch in January 2002.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RESEARCH, DEVELOPMENT, TEST & EVAL, AF | | | |
| BASIC RESEARCH | | | |
| DEFENSE RESEARCH SCIENCES | 219,144 | 226,144 | +7,000 |
| TOTAL, BASIC RESEARCH | 219,144 | 226,144 | +7,000 |
| APPLIED RESEARCH | | | |
| MATERIALS | 75,272 | 89,272 | +14,000 |
| AEROSPACE VEHICLE TECHNOLOGIES | 78,789 | 80,789 | +2,000 |
| HUMAN EFFECTIVENESS APPLIED RESEARCH | 66,000 | 75,500 | +9,500 |
| AEROSPACE PROPULSION | 107,659 | 148,959 | +41,300 |
| AEROSPACE SENSORS | 75,799 | 79,799 | +4,000 |
| MULTI-DISCIPLINARY SPACE TECHNOLOGY | 53,592 | 103,592 | +50,000 |
| SPACE TECHNOLOGY | 58,582 | 67,582 | +9,000 |
| CONVENTIONAL MUNITIONS | 60,343 | 60,343 | --- |
| DIRECTED ENERGY TECHNOLOGY | 39,936 | 39,936 | --- |
| COMMAND CONTROL AND COMMUNICATIONS | 70,951 | 83,451 | +12,500 |
| DUAL USE SCIENCE AND TECHNOLOGY PROGRAM | 10,626 | 10,626 | --- |
| TOTAL, APPLIED RESEARCH | 697,549 | 839,849 | +142,300 |
| ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| ADVANCED MATERIALS FOR WEAPON SYSTEMS | 21,138 | 36,638 | +15,500 |
| ADVANCED AEROSPACE SENSORS | 50,589 | 54,589 | +4,000 |
| AEROSPACE TECHNOLOGY DEV/DEMO | 22,315 | 30,315 | +8,000 |
| AEROSPACE PROPULSION AND POWER TECHNOLOGY | 85,650 | 91,050 | +5,400 |
| CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY | 29,690 | 40,190 | +10,500 |
| FLIGHT VEHICLE TECHNOLOGY INTEGRATION | | --- | |
| ELECTRONIC COMBAT TECHNOLOGY | 23,350 | 24,350 | +1,000 |
| BALLISTIC MISSILE TECHNOLOGY | --- | 22,900 | +22,900 |
| UNMANNED AIR VEHICLE DEV/DEMO | 18,000 | 18,000 | --- |
| ADVANCED SPACECRAFT TECHNOLOGY | 42,315 | 46,315 | +4,000 |
| TRANSFORMATIONAL WIDEBAND MILSATCOM | 195,000 | 115,000 | -80,000 |
| MAUI SPACE SURVEILLANCE SYSTEM (MSSS) | 6,472 | 10,472 | +4,000 |
| MULTI-DISCIPLINARY ADVANCED DEVELOPMENT SPACE TECHNOLO | 50,538 | 50,538 | --- |
| CONVENTIONAL WEAPONS TECHNOLOGY | 38,001 | 43,001 | +5,000 |
| ADVANCED WEAPONS TECHNOLOGY | 28,271 | 48,771 | +20,500 |
| ENVIRONMENTAL ENGINEERING TECHNOLOGY | --- | 2,500 | +2,500 |
| C3I ADVANCED DEVELOPMENT | 34,288 | 46,788 | +12,500 |
| SPECIAL PROGRAMS | 97,300 | 97,300 | --- |
| TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 742,917 | 778,717 | +35,800 |
| DEMONSTRATION & VALIDATION | | | |
| INTELLIGENCE ADVANCED DEVELOPMENT | 4,545 | 4,545 | --- |
| NAVSTAR GLOBAL POSITIONING SYSTEM III | 100,217 | 50,217 | -50,000 |
| ADVANCED EHF MILSATCOM (SPACE) | 825,783 | 844,783 | +19,000 |
| POLAR MILSATCOM (SPACE) | 19,554 | 19,554 | --- |
| NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATE | 237,199 | 237,199 | --- |
| SPACE CONTROL TECHNOLOGY | 13,814 | 13,814 | --- |
| COMBAT IDENTIFICATION TECHNOLOGY | 12,434 | 12,434 | --- |
| NATO RESEARCH AND DEVELOPMENT | 4,355 | 4,355 | --- |
| INTERNATIONAL SPACE COOPERATIVE R&D | 643 | 643 | --- |
| ADVANCED WIDEBAND SYSTEM (AWS) | 4,982 | 4,982 | --- |
| INTEGRATED BROADCAST SERVICE (DEM/VAL) | 19,870 | 39,070 | +19,200 |
| INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL | 63,025 | 70,525 | +7,500 |
| WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE) | 20,009 | 14,009 | -6,000 |
| AIR FORCE/NATIONAL PROGRAM COOPERATION (AFNPC) | 8,829 | 8,829 | --- |
| SPACE-BASED RADAR DEM/VAL | 47,859 | 47,859 | --- |
| POLLUTION PREVENTION (DEM/VAL) | 2,743 | 2,743 | --- |
| JOINT PRECISION APPROACH AND LANDING SYSTEMS - DEM/VAL | 13,267 | 13,267 | --- |
| HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) | 7,482 | 7,482 | --- |
| COBRA JUDY (H) | 51,000 | 51,000 | --- |
| TOTAL, DEMONSTRATION & VALIDATION | 1,457,610 | 1,447,310 | -10,300 |
| ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| GLOBAL BROADCAST SERVICE (GBS) | 22,589 | 22,589 | --- |
| JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS) | 1,859 | 1,859 | --- |
| NUCLEAR WEAPONS SUPPORT | 13,627 | 13,627 | --- |
| B-1B | 160,688 | 78,688 | -82,000 |
| SPECIALIZED UNDERGRADUATE PILOT TRAINING | 1,909 | 1,909 | --- |
| F-22 EMD | 627,266 | 627,266 | --- |
| B-2 ADVANCED TECHNOLOGY BOMBER | 225,327 | 265,327 | +40,000 |
| EW DEVELOPMENT | 65,082 | 36,582 | -28,500 |
| JOINT TACTICAL RADIO | 17,358 | 17,358 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| SMALL DIAMETER BOMB (SDB) EMD | 54,368 | 54,368 | --- |
| COUNTERSPACE SYSTEMS | 40,053 | 40,053 | --- |
| SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD | 814,927 | 744,927 | -70,000 |
| MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE) | 148,936 | 106,936 | -42,000 |
| MUNITIONS DISPENSER DEVELOPMENT | --- | 7,000 | +7,000 |
| ARMAMENT/ORDNANCE DEVELOPMENT | 9,160 | 9,160 | --- |
| SUBMUNITIONS | 4,739 | 4,739 | --- |
| AGILE COMBAT SUPPORT | 6,318 | 6,318 | --- |
| JOINT DIRECT ATTACK MUNITION | 16,594 | 16,594 | --- |
| LIFE SUPPORT SYSTEMS | 925 | 9,725 | +8,800 |
| UNMANNED COMBAT AIR VEHICLE (UCAV) | 40,000 | 40,000 | --- |
| COMBAT TRAINING RANGES | 13,524 | 15,524 | +2,000 |
| INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A) | 226 | 13,226 | +13,000 |
| INTELLIGENCE EQUIPMENT | 1,326 | 1,326 | --- |
| COMMON LOW OBSERVABLES VERIFICATION SYSTEM (CLOVERS) | 4,781 | 4,781 | --- |
| JOINT STRIKE FIGHTER EMD | 1,743,668 | 1,743,668 | --- |
| INTERCONTINENTAL BALLISTIC MISSILE - EMD | 133,291 | 133,291 | --- |
| EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) | 57,562 | 57,562 | --- |
| RDT&E FOR AGING AIRCRAFT | 19,871 | 34,871 | +15,000 |
| LINK-16 SUPPORT AND SUSTAINMENT | 44,146 | 44,146 | --- |
| FULL COMBAT MISSION TRAINING | 3,731 | 3,731 | --- |
| COMBAT SURVIVOR EVADER LOCATOR | 14,274 | 14,274 | --- |
| CV-22 | 11,449 | 11,449 | --- |
| TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 4,319,574 | 4,182,874 | -136,700 |
| RDT&E MANAGEMENT SUPPORT | | | |
| THREAT SIMULATOR DEVELOPMENT | 30,351 | 30,351 | --- |
| MAJOR T&E INVESTMENT | 46,338 | 64,838 | +18,500 |
| RAND PROJECT AIR FORCE | 25,462 | 25,462 | --- |
| RANCH HAND II EPIDEMIOLOGY STUDY | 11,029 | 11,029 | --- |
| INITIAL OPERATIONAL TEST & EVALUATION | 27,070 | 27,070 | --- |
| TEST AND EVALUATION SUPPORT | 398,266 | 398,266 | --- |
| ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) | 16,237 | 34,237 | +18,000 |
| SPACE TEST PROGRAM (STP) | 49,882 | 49,882 | --- |
| GENERAL SKILL TRAINING | 313 | 313 | --- |
| JUDGMENT FUND REIMBURSEMENT | 20,000 | 20,000 | --- |
| INTERNATIONAL ACTIVITIES | 3,878 | 3,878 | --- |
| TOTAL, RDT&E MANAGEMENT SUPPORT | 628,826 | 665,326 | +36,500 |
| OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY | 8,000 | 9,000 | +1,000 |
| B-52 SQUADRONS | 55,794 | 55,794 | --- |
| ADVANCED CRUISE MISSILE | 2,788 | 2,788 | --- |
| AIR-LAUNCHED CRUISE MISSILE (ALCM) | 26,713 | 26,713 | --- |
| STRAT WAR PLANNING SYSTEM - USSTRATCOM | 1,895 | 1,895 | --- |
| ADVANCED STRATEGIC PROGRAMS | 5,879 | 5,879 | --- |
| REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION | 35,000 | 35,000 | --- |
| WARFIGHTER RAPID ACQUISITION PROCESS (WRAP) RAPID TRAN | 25,057 | 25,057 | --- |
| JOINT EXPEDITIONARY FORCE EXPERIMENT | 27,161 | 27,161 | --- |
| A-10 SQUADRONS | 7,650 | 7,650 | --- |
| F-16 SQUADRONS | 81,338 | 85,338 | +4,000 |
| F-15E SQUADRONS | 81,726 | 81,726 | --- |
| MANNED DESTRUCTIVE SUPPRESSION | 23,699 | 23,699 | --- |
| F-22 SQUADRONS | 181,239 | 181,239 | --- |
| F-117A SQUADRONS | 3,525 | 3,525 | --- |
| TACTICAL AIM MISSILES | 2,943 | 2,943 | --- |
| ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) | 37,008 | 37,008 | --- |
| AF TENCAP | 10,496 | 15,996 | +5,500 |
| SPECIAL EVALUATION PROGRAM | 110,080 | 130,280 | +20,200 |
| COMPASS CALL | 3,877 | 12,877 | +9,000 |
| AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 186,690 | 186,690 | --- |
| CSAF INNOVATION PROGRAM | 1,920 | 1,920 | --- |
| JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) | 42,097 | 52,097 | +10,000 |
| AEROSPACE OPERATIONS CENTER (AOC) | 35,875 | 93,075 | +57,200 |
| CONTROL AND REPORTING CENTER (CRC) | 6,652 | 6,652 | --- |
| AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) | 173,956 | 173,956 | --- |
| ADVANCED COMMUNICATIONS SYSTEMS | 29,133 | 29,133 | --- |
| EVALUATION AND ANALYSIS PROGRAM | 230,218 | 233,218 | +3,000 |
| ADVANCED PROGRAM TECHNOLOGY | 104,651 | 104,651 | --- |
| THEATER BATTLE MANAGEMENT (TBM) C4I | 34,700 | 34,700 | --- |
| FIGHTER TACTICAL DATA LINK | 39,034 | 39,034 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| MC2C (MULTI-SENSOR COMMAND AND CONTROL CONSTELLATION) | 191,089 | 596,089 | +405,000 |
| JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM | 55,515 | 67,515 | +12,000 |
| SEEK EAGLE | 16,972 | 16,972 | --- |
| ADVANCED PROGRAM EVALUATION | 220,088 | 237,088 | +17,000 |
| USAF MODELING AND SIMULATION | 21,895 | 22,895 | +1,000 |
| WARGAMING AND SIMULATION CENTERS | 5,278 | 7,278 | +2,000 |
| MISSION PLANNING SYSTEMS | 17,002 | 17,002 | --- |
| INFORMATION WARFARE SUPPORT | 7,837 | 7,837 | --- |
| TECHNICAL EVALUATION SYSTEM | 135,588 | 190,588 | +55,000 |
| SPECIAL EVALUATION SYSTEM | 41,518 | 41,518 | --- |
| E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) | 47,867 | 47,867 | --- |
| DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE) | 2,046 | 2,046 | --- |
| MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK | 2,423 | 2,423 | --- |
| INFORMATION SYSTEMS SECURITY PROGRAM | 9,353 | 22,853 | +13,500 |
| GLOBAL COMBAT SUPPORT SYSTEM | 29,168 | 27,168 | -2,000 |
| GLOBAL COMMAND AND CONTROL SYSTEM | 3,565 | 3,565 | --- |
| COMMUNICATIONS SECURITY (COMSEC) | 4,765 | 4,765 | --- |
| MILSATCOM TERMINALS | 72,712 | 72,712 | --- |
| SELECTED ACTIVITIES | 150,243 | 147,243 | -3,000 |
| GLOBAL AIR TRAFFIC MANAGEMENT (GATM) | 7,200 | 7,200 | --- |
| SATELLITE CONTROL NETWORK (SPACE) | 17,542 | 17,542 | --- |
| WEATHER SERVICE | 14,488 | 14,488 | --- |
| AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM | 9,865 | 9,865 | --- |
| SECURITY AND INVESTIGATIVE ACTIVITIES | 475 | 475 | --- |
| AIR FORCE TACTICAL MEASUREMENT AND SIGNATURE INTELLIGE | 6,486 | 15,486 | +9,000 |
| DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE) | 42,076 | 42,076 | --- |
| DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE) | 3,875 | 3,875 | --- |
| NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) | 86,799 | 86,799 | --- |
| NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE & CONTROL) | 324,098 | 296,098 | -28,000 |
| SPACELIFT RANGE SYSTEM (SPACE) | 82,108 | 104,408 | +22,300 |
| DRAGON U-2 (JMIP) | 17,442 | 20,142 | +2,700 |
| ENDURANCE UNMANNED AERIAL VEHICLES | 309,743 | 354,743 | +45,000 |
| AIRBORNE RECONNAISSANCE SYSTEMS | 66,810 | 55,035 | -11,775 |
| MANNED RECONNAISSANCE SYSTEMS | --- | 8,000 | +8,000 |
| DISTRIBUTED COMMON GROUND SYSTEMS | 20,708 | 31,908 | +11,200 |
| NCMC - TW/AA SYSTEM | 15,639 | 15,639 | --- |
| SPACETRACK (SPACE) | 21,917 | 21,917 | --- |
| DEFENSE SUPPORT PROGRAM (SPACE) | 2,090 | 2,090 | --- |
| NUDET DETECTION SYSTEM (SPACE) | 21,180 | 21,180 | --- |
| MODELING AND SIMULATION SUPPORT | 1,995 | 1,995 | --- |
| SHARED EARLY WARNING (SEW) | 4,027 | 4,027 | --- |
| C-130 AIRLIFT SQUADRON | 158,978 | 158,978 | --- |
| C-5 AIRLIFT SQUADRONS | 277,795 | 304,395 | +26,600 |
| C-17 AIRCRAFT | 157,213 | 157,213 | --- |
| C-130J PROGRAM | 10,000 | 10,000 | --- |
| LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) | 47,539 | 47,539 | --- |
| KC-135S | 1,497 | 1,497 | --- |
| KC-10S | 10,506 | 10,506 | --- |
| DEPOT MAINTENANCE (NON-IF) | 1,340 | 2,840 | +1,500 |
| INDUSTRIAL PREPAREDNESS | 37,581 | 49,081 | +11,500 |
| LOGISTICS SUPPORT ACTIVITIES | 10,375 | 10,375 | --- |
| PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN PRO | 4,767 | 7,767 | +3,000 |
| SUPPORT SYSTEMS DEVELOPMENT | 35,813 | 46,813 | +11,000 |
| COMPUTER RESOURCES SUPPORT IMPROVEMENT PROGRAM (CRSIP) | 2,094 | 2,094 | --- |
| SERVICE-WIDE SUPPORT | 4,090 | 4,090 | --- |
| CIVILIAN COMPENSATION PROGRAM | 7,132 | 7,132 | --- |
| FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT | 21,326 | --- | -21,326 |
| TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 4,516,327 | 5,217,426 | +701,099 |
| CLASSIFIED PROGRAMS | 5,019,286 | 5,317,995 | +298,709 |
| RETIREMENT ACCRUALS | -36,249 | -36,249 | --- |
| TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AF | 17,564,984 | 18,639,392 | +1,074,408 |

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

| | |
|---|---|
| Fiscal year 2002 appropriation | $15,415,275,000 |
| Fiscal year 2003 budget request | $16,598,863,000 |
| Committee recommendation | 17,863,462,000 |
| Change from budget request | +1,264,599,000 |

This appropriation funds the Research, Development, Test and Evaluation, Defense-Wide activities of the Department of Defense.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 2 DEFENSE RESEARCH SCIENCES | 175,646 | 198,546 | +22,900 |
| Ultra-Performance Nanotechnology Center | | | +3,000 |
| Center for Nanostructure Materials | | | +400 |
| Nanotechnology Research and Training Facility | | | +4,500 |
| Spin Electronics [Note: Transfer from University Research Initiatives.] | | | +15,000 |
| 3 UNIVERSITY RESEARCH INITIATIVES | 221,610 | 236,235 | +14,625 |
| Spin Electronics [Note: Transfer to Defense Research Sciences.] | | | -15,000 |
| Photovoltaic Hydrogen for Portable on Demand Power | | | +1,000 |
| Anti-Corrosion Studies | | | +1,000 |
| Center of Excellance in Bioinformatics | | | +2,300 |
| Defense Commercialization Research Initiative | | | +4,000 |
| Wireless Rural Communications Demonstration | | | +5,000 |
| Technology Transfer - IEE Pilot Program | | | +525 |
| Institute of Bioengineering and Nano-Science in Advanced Medicine | | | +2,000 |
| Center for Computer Security | | | +300 |
| Remote Sensing | | | +2,500 |
| Desert Environmental Research [Note: Only for the ongoing University based GIS program.] | | | +3,500 |
| DoD Small Business Alliance Center | | | +3,000 |
| National Security Training [Note: Only to continue existing program.] | | | +1,500 |
| MEMS Sensors for Rolling Element Bearings | | | +3,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY | | | |
| 6 RESEARCH | 3,467 | 10,067 | +6,600 |
| Semi-Conductor Research (Focus Center Research Program(FCRP)) | | | +6,600 |
| 8 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 64,119 | 71,119 | +7,000 |
| Engineered Pathogen Identification and Countermeasure Program | | | +7,000 |
| 11 MEDICAL FREE ELECTRON LASER | 0 | 9,000 | +9,000 |
| HISTORICALLY BLACK AND HISPANIC SERVING INSTITUTIONS | | | |
| 12 SCIENCE | 13,970 | 21,970 | +8,000 |
| Enhanced Skills Training Program for Electronic Engineering Technology Program | | | +2,000 |
| Hispanic Serving Institutions | | | +1,000 |
| HSI Project Grants | | | +5,000 |
| 14 COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY | 424,940 | 425,440 | +500 |
| Center for Critical Languages | | | +500 |
| 16 BIOLOGICAL WARFARE DEFENSE | 133,000 | 166,950 | +33,950 |
| Transfer From DERF | | | +11,250 |
| Asymmetric Protocols for Biological Defense Enhancement | | | +4,000 |
| Biological Warfare Post-Exposure Therapeutics | | | +15,000 |
| Hydrate Fractionalization Desalination Technology | | | +2,700 |
| Center for Water Security | | | +1,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 17 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 262,177 | 291,177 | +29,000 |
| Monoclonal Antibody Based Technology | | | +1,000 |
| National Consortium for Countermeasures to Biological and Chemical Threats | | | +7,000 |
| Anthrax Biodefense Technologies | | | +7,500 |
| Mustard Gas Antidote | | | +3,000 |
| Bioinformatics [Note: To extract and analyze data.] | | | +1,500 |
| Poymer Based Chemical and Biological Sensors | | | +3,000 |
| Countermeasures to Biological and Chemical Threats [Note: Only for a joint biological and chemical terrorism response training program.] | | | +6,000 |
| 20 MATERIALS AND ELECTRONICS TECHNOLOGY | 440,500 | 447,500 | +7,000 |
| Nanostructured Photonic and Biomedical Materials | | | +1,000 |
| Center for Optoelectronics and Optical Communications | | | +6,000 |
| 22 WMD DEFEAT TECHNOLOGY | 146,143 | 182,943 | +36,800 |
| CT Info Network, Transfer From DERF | | | +5,500 |
| Vulnerability Reduction Technology Measures, Transfer From DERF | | | +9,800 |
| Hazard Prediction and Decision Support Tools, Transfer From DERF | | | +5,000 |
| Hard Target Defeat, Transfer From DERF | | | +7,000 |
| Enhanced Blast Weapons Effects, Transfer From DERF | | | +7,000 |
| WMD Material Assessment | | | +1,500 |
| Discrete Particle Methods | | | +1,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 25 HIGH ENERGY LASER RESEARCH | 39,310 | 48,310 | +9,000 |
| Joint Technology Office | | | +9,000 |
| 27 EXPLOSIVES DEMILITARIZATION TECHNOLOGY | 8,935 | 11,935 | +3,000 |
| Fixed Chamber Prototype | | | +3,000 |
| 28 SO/LIC ADVANCED DEVELOPMENT | 13,800 | 25,800 | +12,000 |
| Special Reconnaissance Capabilities, Transfer From DERF | | | +5,000 |
| Measures and Signatures Information, Transfer From DERF | | | +4,000 |
| Special Reconnaissance Capabilities | | | +3,000 |
| 29 COMBATING TERRORISM TECHNOLOGY SUPPORT | 49,015 | 143,115 | +94,100 |
| Entry Point Screening & Perimeter Protection, Transfer From DERF | | | +11,000 |
| Reconnaissance Tool Kit, Transfer From DERF | | | +19,500 |
| Super Zoom Digital Camera, Transfer From DERF | | | +6,000 |
| Combating Terrorism BAA, Transfer From DERF | | | +19,500 |
| Attribution CT Tools and Deployable Comms, Transfer From DERF | | | +5,600 |
| Detection of Bio Agents in Food, Transfer From DERF | | | +3,000 |
| Alternate Power Sources for Battery Charging, Transfer From DERF | | | +5,000 |
| Stand off Surveillance Camera, Transfer From DERF | | | +2,000 |
| Distributed Chemical Agent Sensing and Transmission System | | | +3,500 |
| Electrostatic Decontamination System (EDS) | | | +4,500 |
| Facial Recognition Access Control & Surveillance | | | +3,000 |
| Blast Resistant Construction Evaluation Program | | | +7,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| National Guard Multi-Media Security Technology | | | +2,500 |
| Integrated Planar Waveguide Biological Agent Detection System | | | +2,000 |
| 30 COUNTERPROLIFERATION ADVANCED DEVELOPMENT TECHNOLOGIES | 77,389 | 93,389 | +16,000 |
| SOF Support Defeat Terrorist, Transfer From DERF | | | +11,000 |
| Anti-Biological Weapon Defeat Device, Transfer From DERF | | | +5,000 |
| 33 BALLISTIC MISSILE DEFENSE TECHNOLOGY | 121,751 | 128,251 | +6,500 |
| Bottom Anti-reflective Coating | | | +4,000 |
| Wide Bandgap Semiconductor Research | | | +2,500 |
| 36 ADVANCED AEROSPACE SYSTEMS | 246,000 | 253,000 | +7,000 |
| Hummingbird Rotary Wing UAV Program [Note: Only to repair/upgrade AV01.] | | | +2,000 |
| Suborbital Space Launch Operations | | | +5,000 |
| 37 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV | 249,842 | 266,342 | +16,500 |
| Miniature Chemical and Biological Detectors | | | +2,500 |
| Rapid Response Countermeasures to Biological and Chemical Threats | | | +9,000 |
| CBRN Threat Test Using Public/Private Assets | | | +5,000 |
| 38 SPECIAL TECHNICAL SUPPORT | 11,168 | 12,168 | +1,000 |
| Data Standards for the Integrated Digital Environment | | | +1,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 39 ARMS CONTROL TECHNOLOGY | 37,646 | 46,646 | +9,000 |
| Advance CBRNE Sensor & Information Fusion, Transfer From DERF | | | +3,000 |
| Early Warning Detection Program Using Metal Oxide | | | +1,000 |
| Innovative Technologies and Equipment to Counter NCB Threat [Note: Only for continuation of an industry-based research program] | | | +5,000 |
| 40 GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS | 25,451 | 66,201 | +40,750 |
| Silicone Germanium Technology (DMEA) | | | +4,000 |
| Homeland Defense Technology Collaboration Center | | | +3,000 |
| Center for Nanosciences Innovation [Note: Only to continue the existing program] | | | +10,000 |
| Optimizing Electronics for Advanced Controlled Environmental Systems (ACES) [Note: Only to expand the existing program to integrate high-density electronics with ACES technology] | | | +8,000 |
| High Power Microelectronics (DMEA) | | | +4,750 |
| DMS Data Warehouse Solution | | | +1,000 |
| Advanced Spray Cooling Technology | | | +10,000 |
| 41 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM | 60,468 | 68,468 | +8,000 |
| National Environmental Education and Training Center | | | +3,000 |
| Toxic Chemical Cleanup Criteria | | | +5,000 |
| 45 ADVANCED ELECTRONICS TECHNOLOGIES | 150,400 | 159,900 | +9,500 |
| Laser Plasma X-Ray Lithography System | | | +3,000 |
| Advanced X-Ray Lithography Demonstration | | | +2,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| Novel Crystal Growth for Imaging and Communications | | | +2,000 |
| Microactuator Technology and Integration into MEMS | | | +2,500 |
| 46 ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS | 199,580 | 204,580 | +5,000 |
| Portable Radiation Search Tool | | | +1,000 |
| Joint US-Norwegian ISSP Secure D | | | +4,000 |
| 49 SENSOR AND GUIDANCE TECHNOLOGY | 224,000 | 234,000 | +10,000 |
| Large Millimeter Wavelength Telescope | | | +10,000 |
| 51 LAND WARFARE TECHNOLOGY | 162,100 | 170,100 | +8,000 |
| Support to Homeland Security, Transfer From DERF | | | +8,000 |
| 52 CLASSIFIED DARPA PROGRAMS | 275,899 | 294,899 | +19,000 |
| Biological Warfare Defense, Transfer From DERF | | | +19,000 |
| 53 DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT | 14,000 | 18,000 | +4,000 |
| Advanced Distributed Learning Prototypes | | | +4,000 |
| 56 QUICK REACTION SPECIAL PROJECTS | 25,430 | 40,430 | +15,000 |
| Challenge Program | | | +15,000 |
| 60 PHYSICAL SECURITY EQUIPMENT | 33,553 | 49,553 | +16,000 |
| Classified Security, Transfer From DERF | | | +10,000 |
| Under-Vehicle Mobile Inspection System | | | +5,000 |
| Security Enhancement Through Mobile Devices | | | +1,000 |
| 61 JOINT ROBOTICS PROGRAM | 11,305 | 12,305 | +1,000 |
| Upgrades to Robotics Technology | | | +1,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 62 ADVANCED SENSOR APPLICATIONS PROGRAM | 15,994 | 20,994 | +5,000 |
| Active Sensors Components Development for Advanced Tactical Systems | | | +4,000 |
| Multi-Wavelength Surface Scanning Biologics Sensor | | | +1,000 |
| 72 BALLISTIC MISSILE DEFENSE SYSTEM SEGMENT | 1,065,982 | 1,075,982 | +10,000 |
| Solid State High Energy Laser Transmitters for LADAR | | | +5,000 |
| Wide Bandwidth Technology | | | +5,000 |
| 73 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT | 169,974 | 261,719 | +91,745 |
| Transfer of MEADS Program from Army | | | +117,745 |
| Sea Based Terminal | | | -90,000 |
| Arrow | | | +64,000 |
| 75 BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT | 796,927 | 706,927 | -90,000 |
| Airborne Laser | | | -60,000 |
| Sea Based Boost | | | -20,000 |
| Space Based Kinetic Energy | | | -10,000 |
| 76 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - DEM/VAL | 144,790 | 149,390 | +4,600 |
| Miniature Chemical Analysis System, Transfer From DERF | | | +2,600 |
| Enhanced M93A1 FOX Simulation Training Suites | | | +1,000 |
| Center for Bio-Defense | | | +1,000 |
| 77 BALLISTIC MISSILE DEFENSE SENSORS | 373,447 | 304,447 | -69,000 |
| RAMOS | | | -69,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 79 COALITION WARFARE | 12,444 | 7,444 | -5,000 |
| Reduction | | | -5,000 |
| 84 JOINT ROBOTICS PROGRAM - EMD | 13,643 | 16,643 | +3,000 |
| Defense Robotics Center | | | +3,000 |
| 88 PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION - EM | 0 | 180,819 | +180,819 |
| Transfer of PAC-3 Program from Army | | | +150,819 |
| Additional Testing | | | +30,000 |
| INFORMATION TECHNOLOGY DEVELOPMENT-STANDARD | | | |
| 93 PROCUREMENT | 10,427 | 7,927 | -2,500 |
| Schedule Slip | | | -2,500 |
| 94 FINANCIAL MANAGEMENT SYSTEM IMPROVEMENTS | 96,250 | 36,250 | -60,000 |
| Transfer to DWCF | | | -60,000 |
| 96 INFORMATION SYSTEMS SECURITY PROGRAM | 17,620 | 111,770 | +94,150 |
| Secure Bandwidth, Transfer From DERF | | | +30,000 |
| Mobile Secure Communications, Transfer From DERF | | | +20,400 |
| Classified, Transfer From DERF | | | +7,000 |
| NC-2 COMSEC, Transfer From DERF | | | +10,000 |
| Coalition Interoperability/Information Security, Transfer From DERF | | | +18,000 |
| Protection of Vital Data (POVD) | | | +8,000 |
| Computer Science and Internet Security Degree Program | | | +750 |
| 98 ELECTRONIC COMMERCE | 24,265 | 25,765 | +1,500 |
| MicroElectronics Test & Obsolescence | | | +1,500 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 101 TECHNICAL STUDIES, SUPPORT AND ANALYSIS | 30,023 | 18,523 | -11,500 |
| Reduced in order to fund higher priority items | | | -11,500 |
| 103 BLACK LIGHT | 5,000 | 15,000 | +10,000 |
| Black Light, Transfer From DERF | | | +10,000 |
| 104 GENERAL SUPPORT TO C3I | 14,979 | 19,879 | +4,900 |
| DERIS, Transfer From DERF | | | +2,000 |
| CIP - Technology & Consequence Management, Transfer From DERF | | | +2,900 |
| 106 INTERAGENCY EXPORT LICENSE AUTOMATION | 10,702 | 1,202 | -9,500 |
| Program Restructure | | | -9,500 |
| 111 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 42,959 | 47,459 | +4,500 |
| Mobile Chemical Agent Detection for Critical Site Protection | | | +4,500 |
| 114 CLASSIFIED PROGRAMS - C3I | 60,708 | 137,068 | +76,360 |
| Intel Support to Hard and Deeply Buried Targets, Transfer From DERF | | | +5,800 |
| Classified Program, Transfer From DERF | | | +9,000 |
| Classified Program, Transfer From DERF | | | +3,000 |
| NIPC, Transfer From DERF | | | +1,600 |
| Hard and Deeply Buried Targets, Transfer From DERF | | | +3,200 |
| Intel - IO-21, Transfer From DERF | | | +4,500 |
| Collaborative Planning Tools, Transfer From DERF | | | +32,760 |
| Defense Joint Counterintelligence Center | | | +7,500 |
| Global Infrastructure Data Capture | | | +9,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 120 DEVELOPMENT TEST AND EVALUATION | 48,913 | 51,913 | +3,000 |
| UAV Longe Range Test Range | | | +3,000 |
| 125 COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE | 10,320 | 18,320 | +8,000 |
| Aircraft Affordability/Digital PIP | | | +8,000 |
| 127 C4I INTEROPERABILITY | 43,199 | 47,199 | +4,000 |
| System of Systems Engineering Center [Note: Only for management of the Center by a non-profit corporation in direct support to the USD (AT&L)] | | | +4,000 |
| 128 JOINT ANALYTICAL MODEL IMPROVEMENT PROGRAM | 12,531 | 8,531 | -4,000 |
| Limited Enhancements | | | -4,000 |
| 140 C4I FOR THE WARRIOR | 20,536 | 25,036 | +4,500 |
| Interoperability Certification Tests, Transfer From DERF | | | +4,500 |
| 141 GLOBAL COMMAND AND CONTROL SYSTEM | 15,604 | 6,904 | -8,700 |
| Command and Control Systems Review | | | -8,700 |
| 146 DEFENSE IMAGERY AND MAPPING PROGRAM | 143,488 | 0 | -143,488 |
| Airborne Integration, Transfer From DERF | | | +8,300 |
| IEC Wokstations, Transfer From DERF | | | +1,000 |
| Libraries Storage, Transfer From DERF | | | +1,000 |
| PGM Targeting Workstations, Transfer From DERF | | | +1,700 |
| Transfer to NFIP | | | -155,488 |
| 149 DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM (JMIP) | 6,058 | 54,058 | +48,000 |
| Counter Intelligence, Transfer From DERF | | | +48,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 150 C3I INTELLIGENCE PROGRAMS | 75,682 | 128,082 | +52,400 |
| Hard and Deeply Buried Targets, Transfer From DERF | | | +5,800 |
| NPR - IO-21, Transfer From DERF | | | +25,000 |
| NPR-IO-14, Transfer From DERF | | | +9,000 |
| Horizontal Fusion Analysis, Transfer From DERF | | | +5,600 |
| Coalition-Intelligence Information Sharing (CENTRIX), Transfer From DERF | | | +5,000 |
| Picket Fence | | | +2,000 |
| 151 TECHNOLOGY DEVELOPMENT | 120,458 | 263,058 | +142,600 |
| Classified Program, Transfer From DERF | | | +110,500 |
| Classified Program, Transfer From DERF | | | +32,100 |
| 154 MANNED RECONNAISSANCE SYSTEMS | 4,649 | 9,649 | +5,000 |
| RC-135 COMBAT SENT [Note: Only for modifications to incorporate high-bandwidth datalink to upgrade data distribution.] | | | +5,000 |
| 162 INDUSTRIAL PREPAREDNESS | 13,072 | 35,072 | +22,000 |
| Laser Additive Manufacturing Initiative | | | +4,000 |
| Defense Supply Chain Technology Program | | | +14,000 |
| Twelve Screw Extruder for Fuel Cell Technology | | | +4,000 |
| 166 SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT | 6,741 | 13,741 | +7,000 |
| Spike Urban Warfare System | | | +7,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 167 SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT | 62,276 | 38,776 | -23,500 |
| Advanced Tactical Laser Advanced Concept Technology Demonstration | | | -39,500 |
| Foreign Language Translator-Special Operations | | | +1,000 |
| Robot Reconnaissance and Surveillance | | | +1,000 |
| Adaptive Deployable Sensor Suite | | | +9,000 |
| Night Vision Fusion and Rapid Transmission | | | +3,000 |
| Short Wave Infrared Imagers | | | +2,000 |
| 168 SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT | 281,443 | 342,943 | +61,500 |
| Underwater Systems Advanced Development | | | +22,500 |
| Leading Enhanced Digital Geodata Environment (EDGE) | | | +3,000 |
| Rebreather [Note: Only to continue development of state of the art military closed-circuit rebreather applications.] | | | +1,500 |
| SOCOM Rotary Wing UAV (ICW existing DARPA program) [Note: Only to continue and expand SOCOM deployment and testing of rotary wing UAV systems.] | | | +26,000 |
| Mark V Computer Upgrade | | | +1,000 |
| Knowledge Superiority for Transitional Warfighter | | | +2,000 |
| Blue Force Tracking Equipment | | | +2,500 |
| Imaging Micro-Sensors for Autonomous Vehicles | | | +2,000 |
| Large Format Uncooled Infrared Sensors | | | +1,000 |

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| 169 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT | 1,590 | 27,590 | +26,000 |
| Classified Program, Transfer From DERF | | | +25,000 |
| Optimal Placement of Unattended Sensors | | | +1,000 |
| 170 SOF MEDICAL TECHNOLOGY DEVELOPMENT | 1,962 | 2,212 | +250 |
| Special Operations Medical Diagnostic System | | | +250 |
| 171 SOF OPERATIONAL ENHANCEMENTS | 77,308 | 81,308 | +4,000 |
| Integrated Command and Control System | | | +4,000 |
| STRATEGIC CAPABILITY MODERNIZATION, Transfer From DERF | | +125,000 | +125,000 |

CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM HOMELAND SECURITY INITIATIVE

The budget request includes $385 million in Research, Development, Test and Evaluation funding for expansion of the Chemical and Biological Defense program to address homeland security. The Committee has significant concerns about the ability of the Department to execute such a large increase, particularly in areas that involve the awarding of research grants for biological counter-terrorism. It remains to be seen whether there is a large enough pool of academicians and a sufficient research infrastructure to absorb these resources. In addition, the President's proposal to establish a Department for Homeland Security, which would likely oversee these funds, creates further uncertainties.

Despite these reservations, the Committee strongly believes in the need to focus increased efforts in biological counter-terrorism and has fully funded the request. The Committee directs that the program provide quarterly reports on the execution of this funding during fiscal year 2003. These reports should indicate amounts executed for all elements of the requested increase for the CBD homeland security initiative.

HISTORICALLY BLACK AND HISPANIC SERVING INSTITUTIONS SCIENCE

The Committee has combined funding for Historically Black Colleges and Universities Science with funding the Committee has provided for Hispanic Serving Institutions under a new program element to be called Historically Black and Hispanic Serving Institutions Science. The Committee recommends $21,970,000 for activities under this new program, an increase of $8,000,000 above the budget request. The Committee directs that the Department combine organizational, functional and grant awarding activities of the two programs under one organization and expects the Department to submit future budget requests under this new program element and combined structure.

TECHNICAL STUDIES, SUPPORT AND ANALYSES

The Committee recommends a reduction of $11,500,000 to the request for Technical Studies, Support and Analyses. As our nation continues to fight the war against terrorism, these activities must become a lower priority for the Department of Defense than they might otherwise have been in the past. As such, these resources are better spent on programs directly supporting the warfighter and helping in the frontline defense of our national security.

PORTABLE RADIATION SEARCH TOOL

The Committee recommends $1,000,000 for commercially available off the shelf nuclear detection technology to provide enhanced security for United States military facilities and United States military personnel, both domestically and abroad.

POLYMER BASED CHEMICAL AND BIOLOGICAL SENSORS

The Committee is supportive of the Department's efforts to explore potential avenues of science and technology to assure the rapid development and deployment of chemical and biological solid-

state sensors having the fidelity of currently available laboratory instrumentation. In support of this, the Committee recommends $3,000,000 for the purpose of developing polymer-based chemical and biological sensors.

MICRO ELECTRICAL MECHANICAL SYSTEMS (MEMS) FOR ROLLING ELEMENT BEARINGS

The Committee has included $3,000,000 for Micro Electrical Mechanical Systems (MEMS) for the development of a one-chip solution for the determination of temperature, vibration, strain and angular rotation in a rolling element bearing.

LASER ADDITIVE MANUFACTURING INITIATIVE

The Committee has provided $4,000,000 for the Laser Additive Manufacturing Initiative to develop a domestic supplier base for military and commercial applications.

ENGINEERED PATHOGEN IDENTIFICATION AND COUNTERMEASURE PROGRAM

The Committee recognizes the growing potential of a future biological attack on our armed forces or civilian population and is concerned that the time required to develop, test and deploy an antidote can take from seven to fifteen years. A previously unknown pathogen can have devastating effects, as tragically demonstrated by the Spanish Flu pandemic that in 1918 and 1919 killed over 20 million people worldwide. To continue efforts to counter the biological attack threat posed by engineered pathogens, the Committee recommends $7,000,000 for the Engineered Pathogen Identification and Countermeasure Program formally known as Bug To Drug Identification and Countermeasures Program.

BLAST RESISTANT CONSTRUCTION EVALUATION PROGRAM

The Committee strongly supports the interagency program to develop, test, and apply advanced composite blast resistant technologies to United States military and civilian structures. Given the urgency of related national security concerns, the Defense Threat Reduction Agency should move expeditiously to complete the ongoing computer simulation and field blast testing already underway.

ACTIVE SENSORS FOR COMPONENTS DEVELOPMENT FOR ADVANCED TACTICAL SYSTEMS

The Committee has provided $4,000,000 for the continuation of the current OSDC3I research initiative for developing those materials necessary in the production of components for the active sensors aboard Advanced Tactical Systems.

SPIN ELECTRONICS

The Committee is aware that DARPA's spin electronics program has the potential to produce a whole new generation of electronic devices, with performance far greater than what is achievable with conventional electronics. The committee is also aware that because spin electronics design and manufacturing are compatible with ex-

isting semiconductor infrastructures, it promises to reach maturation well ahead of other known nanoelectronics technology approaches, which would require new infrastructures. Accordingly, the Committee has transferred $15,000,000 from the nanotechnology related funding requested in PE 0601103D8Z (University Research Initiatives) and added it to PE 0601101E (Defense Research Sciences) to augment existing and planned spin electronics programs and accelerate the development of this important new generation of electronics technology.

### USNR INFORMATION INFRASTRUCTURE CONTINUITY OF OPERATIONS

The Committee has provided $5,000,000 for the deployment of a data storage infrastructure to modernize the information systems of the Naval Reserve Command and provide for the remote mirroring of information at NAVRESFOR Headquarters, to the NAVRESFOR Emergency Operations Center.

### CHALLENGE PROGRAM

The fiscal year 2002 Defense Appropriations Act provided $12,500,000 for the further development and rapid insertion of innovative SBIR technologies as competitive alternatives to defense acquisition program technologies and required a report to be submitted to the congressional defense committees identifying the technologies selected. The Committee notes that the DoD has taken no noticeable action on this program. The Committee directs that the DoD Office of Technology Transition expedite the solicitation and implementation of SBIR Phase 3 technologies for this program and directs that a report to the congressional defense committees be submitted by April 15, 2003, on plans for program implementation, expansion, and expected expenditure of funds. The Committee provides an additional $15,000,000 for expansion of the program allocating not more than $500,000 for program management and oversight.

## MISSILE DEFENSE OVERVIEW

The President's budget requested $7,430,956,000 in fiscal year 2003 for programs managed by the Missile Defense Agency, a decrease of $275,043,000 from the amount provided in fiscal year 2002. Although the President's budget proposed to shift $740,234,000 to the Army, for reasons addressed earlier in this report, the Committee recommends retaining all of these funds in the Missile Defense Agency. The Committee recommends $7,357,456,000 for ballistic missile defense, a decrease of $73,500,000 from the President's request as detailed below.

### SEA BASED TERMINAL

The President's budget included a request for $90,000,000 for sea based terminal defense. The Administration has yet to present a final plan for how it would use these funds. In preliminary discussion the Department has recommended using some of these funds to conduct limited testing with the SM–2 Block IV missile and to extend the capabilities of the SM–3 missile. However, the Department terminated the Navy Area program because it did not believe

that the SM–2 Block IV missile could provide a capability that was worth the cost. The Department has not demonstrated that this new approach would be an improvement. With regard to the SM–3 missile, the Department is still conducting preliminary tests to examine its performance against medium range theater ballistic missiles and may curtail development of this missile to pursue a larger and faster sea based missile. Until these basic issues are resolved it is premature to begin adding requirements to the system. Therefore, the Committee denies this request.

SEA BASED BOOST/SPACE BASED KINETIC ENERGY

In fiscal year 2002 the Department began examining several new concepts for destroying ballistic missiles to include sea based and space based kinetic energy solutions that would destroy a target in the boost stage. Despite their limited development, the President's budget request proposes increasing funding for sea-based boost from $30,601,000 to $89,639,000 and for space-based boost from $23,842,000 to $54,393,000, tripling and doubling their funding respectively. More surprisingly, the Missile Defense Agency has set aside $4,200,000,000 over the next five years to further examine just these two concepts. In contrast, the Missile Defense Agency was unwilling to program the extra $700,000,000 over the same period that would allow the Army to rapidly field the PAC–3, the United States military's only near term defense against theater ballistic missiles. The Committee fails to understand the Department enthusiasm for starting new research projects and its lack of enthusiasm for procuring those systems they have already developed. The Committee therefore recommends $69,639,000 for sea-based boost, and $44,393,000 for space-based boost. The Committee expects the Department to correct the imbalance between research and procurement in its next budget submissions.

MEDIUM EXTENDED AIR DEFENSE SYSTEM (MEADS)

The Administration is in the middle of a three-year multi-national effort to develop the Medium Extended Air Defense System (MEADS). The Committee directs the Department not to enter into any follow on agreement without the prior approval of the congressional defense committees.

PATRIOT ADVANCED CAPABILITY—3 (PAC–3)

The President's budget requested $150,819,000 for research and development of the PAC–3 missile. The Committee recommends $180,819,000, an increase of $30,000,000, only for additional testing in fiscal year 2003. The Committee is concerned about the performance of the PAC–3/PAC–2 system during operational testing. Although many of the problems were not related to the actual PAC–3 missile that was being tested, the equipment will be fielded as a system and needs to be successfully tested as a system. In addition, the Committee is concerned that decisions made during the preparation for these tests unnecessarily added risk and delay to the program, this included building only a limited number of targets, insufficient testing of the launchers before a test and failure to have additional PAC–3 missiles in the launchers during testing.

Because of the high priority of fielding a near-term theater ballistic missile defense, the Committee expects the Department to take the necessary steps, including using the targets from the terminated Navy Area program, to ensure a robust testing schedule. These additional tests should include non-engagement tests of the launcher, ripple fire engagements and multiple simultaneous engagements of theater ballistic missiles.

THEATER HIGH ALTITUDE AREA DEFENSE

The Committee is concerned that the testing program for the Theater High Altitude Area Defense (THAAD) program may repeat the mistakes of the PAC–3 program. The Committee expects the Department to conduct extensive pre-intercept testing, to test the THAAD system with multiple missiles in the launcher and to take the necessary steps to ensure that enough targets and missiles will be available to conduct additional tests as needed. The Committee directs the Missile Defense Agency to provide a report to the congressional defense committees, no later than February 28, 2003 outlining the THAAD testing program and the additional steps it is taking to ensure a robust testing program. To support that effort the Committee recommends fully supporting the President's Budget request, including the request for 10 additional instrumented test missiles.

RUSSIAN-AMERICAN OBSERVATION SATELLITES PROGRAM (RAMOS)

The budget requests $69,130,000 for the Russian-American Observation Satellites Program. The Committee understands that last year the United States submitted a proposal to the Russian government for the implementation of this program and that the Russian government has yet to respond. The Committee therefore denies this request, but will reconsider this issue in conference should the two governments sign a Memorandum of Agreement.

SPY-1 SOLID STATE RADAR

The Committee directs that the entire budget amount for the SPY-1 Solid State Radar is provided only for S-band development.

MISSILE DEFENSE REPORTING AND REPROGRAMMING REQUIREMENTS

In the Statement of Managers accompanying the Department of Defense Appropriations Act, 2002, the House and Senate conferees identified special interest projects in the missile defense program and agreed to specific requirements for budget justification material and reprogrammings. The Committee is pleased with the Department's compliance with that direction and expects the Department to continue to follow those guidelines in the future.

ADVANCED TACTICAL LASER ADVANCED CONCEPT TECHNOLOGY DEMONSTRATION (ACTD)

The budget request includes $55,500,000 for the Special Operations Command (SOCOM) to begin a new SOCOM ACTD to demonstrate the military utility of operating an Advanced Tactical Laser from a C–130 aircraft. The Committee recommends $16,000,000, a reduction of $39,500,000. The budget justification

materials presented to the Committee for this program lacked sufficient detail to justify such a large increase for a new effort for which the Special Operations requirements are still undefined; for which cost, schedule and performance parameters are still being developed; and for which insufficient funds are currently programmed in the Future Year Defense Program. The Committee has a long history of support for Special Operations Gunship development and procurement and has provided $161,978,000 for AC–130 gunship programs addressed elsewhere in this Bill.

UNDERWATER SYSTEMS ADVANCED DEVELOPMENT

The budget request includes $12,151,000 to continue testing and product improvement efforts on the first Advanced SEAL Delivery System (ASDS). The Committee recommends $34,651,000 an increase of $22,500,000. The Committee continues to be deeply concerned that this program has been plagued by continuing acoustic and power problems and has adjusted the funding levels to correspond with the restructured program the Special Operations Command has developed. The additional funding provided by the Committee includes $10,300,000 to resolve problems with batteries, acoustics, and a valve/reservoir redesign. The Committee agrees to provide the funding necessary to implement this restructured plan based on assurances from the Special Operations Command that this system remains a critical requirement for Special Operations forces and that this plan will resolve the outstanding developmental issues.

DEFENSE IMAGERY AND MAPPING AGENCY

Funds for the Defense Imagery and Mapping Agency have been transferred to the National Foreign Intelligence Program in an effort to improve appropriations oversight and management efficiency. Further details are addressed in a classified annex accompanying this report.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RESEARCH, DEVELOPMENT, TEST & EVAL, DEFWIDE | | | |
| BASIC RESEARCH | | | |
| IN-HOUSE LABORATORY INDEPENDENT RESEARCH | 2,126 | 2,126 | --- |
| DEFENSE RESEARCH SCIENCES | 175,646 | 198,546 | +22,900 |
| UNIVERSITY RESEARCH INITIATIVES | 221,610 | 236,235 | +14,625 |
| FORCE HEALTH PROTECTION | 9,973 | 9,973 | --- |
| HIGH ENERGY LASER RESEARCH INITIATIVES | 12,082 | 12,082 | --- |
| GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEAR | 3,467 | 10,067 | +6,600 |
| DEFENSE EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE | 9,864 | 9,864 | --- |
| CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 64,119 | 71,119 | +7,000 |
| TOTAL, BASIC RESEARCH | 498,887 | 550,012 | +51,125 |
| APPLIED RESEARCH | | | |
| MEDICAL FREE ELECTRON LASER | --- | 9,000 | +9,000 |
| HISTORICALLY BLACK & HISPANIC SERVING INSTITU SCIENCES | 13,970 | 21,970 | +8,000 |
| LINCOLN LABORATORY RESEARCH PROGRAM | 27,732 | 27,732 | --- |
| COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY | 424,940 | 425,440 | +500 |
| EMBEDDED SOFTWARE AND PERVASIVE COMPUTING | 60,000 | 60,000 | --- |
| BIOLOGICAL WARFARE DEFENSE | 133,000 | 166,950 | +33,950 |
| CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 262,177 | 291,177 | +29,000 |
| TACTICAL TECHNOLOGY | 180,952 | 180,952 | --- |
| MATERIALS AND ELECTRONICS TECHNOLOGY | 440,500 | 447,500 | +7,000 |
| WMD DEFEAT TECHNOLOGY | 146,143 | 182,943 | +36,800 |
| STRATEGIC DEFENSE TECHNOLOGIES | 131,199 | 131,199 | --- |
| HIGH ENERGY LASER RESEARCH | 39,310 | 48,310 | +9,000 |
| TOTAL, APPLIED RESEARCH | 1,859,923 | 1,993,173 | +133,250 |
| ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| EXPLOSIVES DEMILITARIZATION TECHNOLOGY | 8,935 | 11,935 | +3,000 |
| SO/LIC ADVANCED DEVELOPMENT | 13,800 | 25,800 | +12,000 |
| COMBATING TERRORISM TECHNOLOGY SUPPORT | 49,015 | 143,115 | +94,100 |
| COUNTERPROLIFERATION ADVANCED DEVELOPMENT TECHNOLOGIES | 77,389 | 93,389 | +16,000 |
| BALLISTIC MISSILE DEFENSE TECHNOLOGY | 121,751 | 128,251 | +6,500 |
| JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT | 25,420 | 25,420 | --- |
| AUTOMATIC TARGET RECOGNITION | 7,404 | 7,404 | --- |
| ADVANCED AEROSPACE SYSTEMS | 246,000 | 253,000 | +7,000 |
| CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV | 249,842 | 266,342 | +16,500 |
| SPECIAL TECHNICAL SUPPORT | 11,168 | 12,168 | +1,000 |
| ARMS CONTROL TECHNOLOGY | 37,646 | 46,646 | +9,000 |
| GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS | 25,451 | 66,201 | +40,750 |
| STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM | 60,468 | 68,468 | +8,000 |
| JOINT WARFIGHTING PROGRAM | 9,610 | 9,610 | --- |
| ADVANCED ELECTRONICS TECHNOLOGIES | 150,400 | 159,900 | +9,500 |
| ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS | 199,580 | 204,580 | +5,000 |
| HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM | 188,642 | 188,642 | --- |
| COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS | 130,101 | 130,101 | --- |
| SENSOR AND GUIDANCE TECHNOLOGY | 224,000 | 234,000 | +10,000 |
| MARINE TECHNOLOGY | 33,000 | 33,000 | --- |
| LAND WARFARE TECHNOLOGY | 162,100 | 170,100 | +8,000 |
| CLASSIFIED DARPA PROGRAMS | 275,899 | 294,899 | +19,000 |
| DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT | 14,000 | 18,000 | +4,000 |
| SOFTWARE ENGINEERING INSTITUTE | 22,983 | 22,983 | --- |
| QUICK REACTION SPECIAL PROJECTS | 25,430 | 40,430 | +15,000 |
| JOINT WARGAMING SIMULATION MANAGEMENT OFFICE | 49,929 | 49,929 | --- |
| HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM | 13,567 | 13,567 | --- |
| COUNTERPROLIFERATION SUPPORT | 1,806 | 1,806 | --- |
| TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 2,435,336 | 2,719,686 | +284,350 |
| DEMONSTRATION & VALIDATION | | | |
| PHYSICAL SECURITY EQUIPMENT | 33,553 | 49,553 | +16,000 |
| JOINT ROBOTICS PROGRAM | 11,305 | 12,305 | +1,000 |
| ADVANCED SENSOR APPLICATIONS PROGRAM | 15,994 | 20,994 | +5,000 |
| CALS INITIATIVE | 1,647 | 1,647 | --- |
| ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM | 28,334 | 28,334 | --- |
| BALLISTIC MISSILE DEFENSE SYSTEM SEGMENT | 1,065,982 | 1,075,982 | +10,000 |
| BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT | 169,974 | 261,719 | +91,745 |
| BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT | 3,195,104 | 3,195,104 | --- |
| BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT | 796,927 | 706,927 | -90,000 |
| CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - DEM/VAL | 144,790 | 149,390 | +4,600 |
| BALLISTIC MISSILE DEFENSE SENSORS | 373,447 | 304,447 | -69,000 |
| HUMANITARIAN DEMINING | 13,355 | 13,355 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| COALITION WARFARE | 12,444 | 7,444 | -5,000 |
| JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM | 5,085 | 5,085 | --- |
| TOTAL, DEMONSTRATION & VALIDATION | 5,867,941 | 5,832,286 | -35,655 |
| ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - EMD | 169,018 | 169,018 | --- |
| JOINT ROBOTICS PROGRAM - EMD | 13,643 | 16,643 | +3,000 |
| ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO) | 28,393 | 28,393 | --- |
| JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) | 10,797 | 10,797 | --- |
| THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM - TMD - EMD | 932,171 | 932,171 | --- |
| PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION | --- | 180,819 | +180,819 |
| INFORMATION TECHNOLOGY DEVELOPMENT | 3,938 | 3,938 | --- |
| PROTOTYPE ACCOUNTING SYSTEMS | 700 | 700 | --- |
| INFORMATION TECHNOLOGY DEVELOPMENT-STANDARD PROCUREMEN | 10,427 | 7,927 | -2,500 |
| FINANCIAL MANAGEMENT SYSTEM IMPROVEMENTS | 96,250 | 36,250 | -60,000 |
| DEFENSE MESSAGE SYSTEM | 11,803 | 11,803 | --- |
| INFORMATION SYSTEMS SECURITY PROGRAM | 17,620 | 111,770 | +94,150 |
| GLOBAL COMBAT SUPPORT SYSTEM | 17,239 | 17,239 | --- |
| ELECTRONIC COMMERCE | 24,265 | 25,765 | +1,500 |
| TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 1,336,264 | 1,553,233 | +216,969 |
| RDT&E MANAGEMENT SUPPORT | | | |
| UNEXPLODED ORDNANCE DETECTION AND CLEARANCE | 1,185 | 1,185 | --- |
| THERMAL VICAR | 7,058 | 7,058 | --- |
| TECHNICAL STUDIES, SUPPORT AND ANALYSIS | 30,023 | 18,523 | -11,500 |
| CRITICAL TECHNOLOGY SUPPORT | 1,862 | 1,862 | --- |
| BLACK LIGHT | 5,000 | 15,000 | +10,000 |
| GENERAL SUPPORT TO C3I | 14,979 | 19,879 | +4,900 |
| FOREIGN MATERIAL ACQUISITION AND EXPLOITATION | 32,382 | 32,382 | --- |
| INTERAGENCY EXPORT LICENSE AUTOMATION | 10,702 | 1,202 | -9,500 |
| DEFENSE TRAVEL SYSTEM | 30,358 | 30,358 | --- |
| JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION | 72,919 | 72,919 | --- |
| CLASSIFIED PROGRAM USD(P) | --- | 25,000 | +25,000 |
| FOREIGN COMPARATIVE TESTING | 31,670 | 31,670 | --- |
| CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 42,959 | 47,459 | +4,500 |
| CLASSIFIED PROGRAMS - C3I | 60,708 | 137,068 | +76,360 |
| SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE ADMINISTR | 2,103 | 2,103 | --- |
| DEFENSE TECHNOLOGY ANALYSIS | 5,201 | 5,201 | --- |
| FORCE TRANSFORMATION DIRECTORATE | 20,000 | 20,000 | --- |
| DEFENSE TECHNICAL INFORMATION SERVICES (DTIC) | 45,249 | 45,249 | --- |
| R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATI | 8,963 | 8,963 | --- |
| DEVELOPMENT TEST AND EVALUATION | 48,913 | 51,913 | +3,000 |
| MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)DARP | 43,572 | 43,572 | --- |
| PENTAGON RESERVATION | 7,457 | 7,457 | --- |
| MANAGEMENT HEADQUARTERS-BMDO | 27,909 | 27,909 | --- |
| TOTAL, RDT&E MANAGEMENT SUPPORT | 551,172 | 653,932 | +102,760 |
| OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE | 10,320 | 18,320 | +8,000 |
| PARTNERSHIP FOR PEACE (PFP) INFORMATION MANAGEMENT SYS | 1,920 | 1,920 | --- |
| C4I INTEROPERABILITY | 43,199 | 47,199 | +4,000 |
| JOINT ANALYTICAL MODEL IMPROVEMENT PROGRAM | 12,531 | 8,531 | -4,000 |
| INFORMATION TECHNOLOGY SYSTEMS | 550 | 550 | --- |
| NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT | 1,053 | 1,053 | --- |
| DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATIO | 7,554 | 7,554 | --- |
| LONG HAUL COMMUNICATIONS (DCS) | 1,407 | 1,407 | --- |
| SUPPORT OF THE NATIONAL COMMUNICATIONS SYSTEM | 15,046 | 15,046 | --- |
| MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK | 7,199 | 7,199 | --- |
| INFORMATION SYSTEMS SECURITY PROGRAM | 394,257 | 394,257 | --- |
| C4I FOR THE WARRIOR | 10,190 | 10,190 | --- |
| C4I FOR THE WARRIOR | 20,536 | 25,036 | +4,500 |
| GLOBAL COMMAND AND CONTROL SYSTEM | 15,604 | 6,904 | -8,700 |
| JOINT SPECTRUM CENTER | 19,102 | 19,102 | --- |
| TELEPORT PROGRAM | 6,678 | 6,678 | --- |
| DEFENSE IMAGERY AND MAPPING PROGRAM | 143,488 | --- | -143,488 |
| FOREIGN COUNTERINTELLIGENCE ACTIVITIES | 13,916 | 13,916 | --- |
| FOREIGN COUNTERINTELLIGENCE ACTIVITIES | 474 | 474 | --- |
| DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM (JMIP) | 6,058 | 54,058 | +48,000 |
| C3I INTELLIGENCE PROGRAMS | 75,682 | 128,082 | +52,400 |
| TECHNOLOGY DEVELOPMENT | 120,458 | 263,058 | +142,600 |
| DRAGON U-2 (JMIP) | 3,353 | 3,353 | --- |
| AIRBORNE RECONNAISSANCE SYSTEMS | 11,934 | 11,934 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| MANNED RECONNAISSANCE SYSTEMS | 4,649 | 9,649 | +5,000 |
| DISTRIBUTED COMMON GROUND SYSTEMS | 1,000 | 1,000 | --- |
| TACTICAL CRYPTOLOGIC ACTIVITIES | 113,159 | 113,159 | --- |
| NATIONAL SECURITY SPACE ARCHITECT (NSSA) | 11,185 | 11,185 | --- |
| INDUSTRIAL PREPAREDNESS | 13,072 | 35,072 | +22,000 |
| MANAGEMENT HEADQUARTERS (OJCS) | 12,887 | 12,887 | --- |
| SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT | 6,741 | 13,741 | +7,000 |
| SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT | 62,276 | 38,776 | -23,500 |
| SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT | 281,443 | 342,943 | +61,500 |
| SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT | 1,590 | 27,590 | +26,000 |
| SOF MEDICAL TECHNOLOGY DEVELOPMENT | 1,962 | 2,212 | +250 |
| SOF OPERATIONAL ENHANCEMENTS | 77,308 | 81,308 | +4,000 |
| STRATEGIC CAPABILITY MODERNIZATION | --- | 125,000 | +125,000 |
| TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,529,781 | 1,860,343 | +330,562 |
| CLASSIFIED PROGRAMS | 2,534,247 | 2,715,485 | +181,238 |
| RETIREMENT ACCRUALS | -14,688 | -14,688 | --- |
| TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEFWIDE | 16,598,863 | 17,863,462 | +1,264,599 |

## OPERATIONAL TEST AND EVALUATION, DEFENSE

| | |
|---|---|
| Fiscal year 2002 appropriation | $231,855,000 |
| Fiscal year 2003 budget request | 222,054,000 |
| Committee recommendation | 242,054,000 |
| Change from budget request | +20,000,000 |

This appropriation funds the Operational Test and Evaluation activities of the Department of Defense.

### COMMITTEE RECOMMENDATIONS

EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | Budget Request | Committee Recommendation | Change from Request |
|---|---|---|---|
| CENTRAL TEST AND EVALUATION INVESTMENT | | | |
| 2 DEVELOPMENT (CTEIP) | 123,276 | 128,276 | +5,000 |
| Digital Video Laboratory | | | +5,000 |
| 3 OPERATIONAL TEST AND EVALUATION | 19,725 | 28,725 | +9,000 |
| Legacy Systems Information Assurance | | | +9,000 |
| 4 LIVE FIRE TESTING | 10,102 | 16,102 | +6,000 |
| Live Fire Test and Training Initiative | | | +6,000 |

INFORMATION ASSURANCE TESTING

The Committee directs that each Combatant Command and Service ensure that robust C4ISR functionality is included annually within at least one of its major exercises. The Committee further directs that an operational evaluation of interoperability and information assurance be conducted during these exercises. The operational test community with the NSA and appropriate information warfare centers shall assist in the planning, conduct and evaluation of the interoperability and information assurance aspects of these exercises. The Committee further directs that the Director, Operational Test and Evaluation establish a process using OT&E of the systems on his oversight list and exercises conducted by Combat Commands and the Services to monitor the Department's on-going efforts to improve interoperability and information assurance. The results shall be included in the Director's annual report to Congress. The Committee has provided an additional $9,000,000 to initiate this effort. The Committee directs DoD to fully fund this effort in future budget submissions.

PROGRAM RECOMMENDED

The total program recommended in the bill will provide the following in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| OPERATIONAL TEST & EVAL, DEFENSE | | | |
| ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| TEST & EVALUATION SCIENCE TECHNOLOGY | 6,010 | 6,010 | --- |
| RDT&E MANAGEMENT SUPPORT | | | |
| CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CT | 123,276 | 128,276 | +5,000 |
| OPERATIONAL TEST AND EVALUATION | 19,725 | 28,725 | +9,000 |
| LIVE FIRE TESTING | 10,102 | 16,102 | +6,000 |
| DEVELOPMENT TEST AND EVALUATION | 62,941 | 62,941 | --- |
| TOTAL, RDT&E MANAGEMENT SUPPORT | 216,044 | 236,044 | +20,000 |
| TOTAL, OPERATIONAL TEST & EVAL, DEFENSE | 222,054 | 242,054 | +20,000 |

# TITLE V

## REVOLVING AND MANAGEMENT FUNDS

### DEFENSE WORKING CAPITAL FUNDS

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,312,986,000 |
| Fiscal year 2003 budget request | 1,499,656,000 |
| Committee recommendation | 1,832,956,000 |
| Change from budget request | +333,300,000 |

The Committee recommends an appropriation of $1,832,956,000 for the Defense Working Capital Funds. The recommendation is an increase of $519,370,000 above the amount appropriated for fiscal year 2002.

### NATIONAL DEFENSE SEALIFT FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $432,408,000 |
| Fiscal year 2003 budget request | 934,129,000 |
| Committee recommendation | 944,129,000 |
| Change from budget request | +10,000,000 |

This appropriation provides funds for the lease, operation, and supply of prepositioning ships; operation of the Ready Reserve Force; and acquisition of ships for the Military Sealift Command, the Ready Reserve Force, and the Marine Corps.

#### MARITIME PREPOSITION FORCE (FUTURE)—MPF(F)

The Committee notes that the budget request includes initial funding for the MPF(F) program in the five year defense profile. The Committee believes that the MPF(F) is a key transformational element in Marine Corps plans to develop the capability to provide highly flexible, operational and logistics support capability from a totally sea-based operation. This transformation will require material and personnel handling capabilities that do not exist in today's MPF ships, but may already be resident in the commercial marine industry. The Committee therefore urges the Department of the Navy to begin budgetary planning as rapidly as possible to fund a prototype program to demonstrate the availability and adaptability of the requisite commercial technologies necessary to accomplish significant risk reduction for the MPF(F) program. The prototype program should include but not be limited to an examination of the option to use an LMSR ship asset from the Ready Reserve Fleet as a test platform for such technologies.

#### STRATEGIC SEALIFT CAPACITY

The Committee recommends an additional $10,000,000 to the $25,000,000 already reserved under the National Defense Sealift Fund appropriation account to accelerate the introduction of next-generation high-speed sealift ships, including ships that are com-

mercially viable and militarily useful, such as FastShip vessels, to support the Navy's global military sealift requirements. This additional amount is to be subject to the same terms and conditions as the initial $25,000,000. The Committee reiterates its expectation that the Navy will work with other federal agencies using interagency agreements, economy act procedures, or other mechanisms to provide loan guarantees to enable United States shipbuilders to construct these ships.

T–5 TANKER BUYOUT

The Committee approves the Military Sealift Command's (MSC) proposal to acquire five T–5 tanker ships presently being leased for worldwide fuel resupply. Additionally, the Committee directs the Assistant Secretary of the Navy for Research, Development, and Acquisition to certify to the House Appropriations Committee that the present level of readiness and efficiency attained in the current operations of these tankers will be maintained under any new operating contract that is awarded as a consequence of the new acquisition strategy.

# TITLE VI

## OTHER DEPARTMENT OF DEFENSE PROGRAMS

### DEFENSE HEALTH PROGRAM

| | |
|---|---|
| Fiscal year 2002 appropriation | $18,391,194,000 |
| Fiscal year 2003 request | 14,579,997,000 |
| Committee recommendation | 14,600,748,000 |
| Change from budget request | +20,751,000 |

This appropriation funds the Defense Health Program of the Department of Defense.

#### REPROGRAMMING

The Committee continues to harbor concerns as expressed in the fiscal year 2002 Department of Defense Appropriations Act regarding the potential diversion of funds from the DoD military medical treatment facilities (MTFs) to pay for contractor-provided medical care. To limit such transfers within the Defense Health Program operation and maintenance account, the Committee directs that the Department of Defense shall continue to follow prior approval reprogramming procedures for transfers with a cumulative value in excess of $25,000,000 into the Private Sector Care activity group.

In addition, the Committee directs that the Department of Defense shall provide budget execution data for all of the operation and maintenance budget activities as well as the procurement and research, development, test and evaluation accounts of the Defense Health Program. Such budget execution data shall be provided quarterly to the congressional defense committees through the DD–COMP(M) 1002.

#### MILITARY MEDICAL TREATMENT FACILITY (MTF) OPTIMIZATION

The Committee recommends $25,000,000 only for the Army Surgeon General to continue the optimization of military medical treatment facilities (MTFs) as outlined in the report accompanying the House version of the fiscal year 2002 Department of Defense Appropriations Act. Of this amount, the Army Surgeon General may direct up to $10,000,000 to requirements related to maintenance and renovation of the MTFs. In addition, the Committee expects that the Army will include funds to continue this initiative in the budget request submitted to the Congress for fiscal year 2004 and in the Future Years Defense Program (FYDP).

#### DEFENSE HEALTH PROGRAM UNDEREXECUTION

The Committee recognizes that recent, substantial changes in the Defense Health Program (DHP) required DoD to prepare its fiscal year 2002 budget estimates based on the maximum possible usage levels. Such rates have not materialized and, as a result, the DHP

will not obligate all the operation and maintenance funding appropriated for fiscal year 2002. Accordingly, the Committee recommends a reduction of $354,000,000 to the fiscal year 2003 budget request, and directs the Department of Defense to use its authority to carry over up to two percent of its operation and maintenance funding from fiscal year 2002 into fiscal year 2003.

HEALTHCARE QUALITY INITIATIVES REVIEW PANEL

In the Fiscal Year 1998 Emergency Supplemental (PL 105–174), this Committee chartered the DoD Healthcare Quality Initiatives Review Panel (HQIRP) as a Federal Advisory Committee "to assess whether all reasonable measures have been taken to ensure that the Military Health Services System delivers healthcare services in accordance with consistently high professional standards." The Committee commends both the Panel for its report and the DoD for its implementation of some of the recommendations contained in the report. The Committee urges DoD officials to continue implementing HQIRP recommendations with particular attention to (1) strengthening the integration between DoD's Centralized Credentials Quality Assurance System (CCQAS) with the Department of Veterans Affairs' VETPRO, (2) refining the criteria used to designate Centers of Excellence (COE) in the military, and (3) developing a uniform, integrated system for evaluating cases resulting in claims.

SHARED BL–3 BIOCONTAINMENT RESEARCH FACILITY

The Committee is concerned about the shortage of BL–3 biocontainment facilities in the U.S. that are necessary to fight the war on terrorism. The Committee recommends provides $500,000 for the Army Health Facility Planning Agency to perform a feasibility study to examine the requirements, detailed cost, critical design features, possible construction timetable, operating procedures, and life cycle costs to establish a shared U.S. Department of Agriculture/U.S. Army Biosafety Level–3 research facility.

AMERICAN UNIVERSITY OF BEIRUT

The Committee directs the Department of Defense to investigate and analyze the health care and medical research capabilities of the American University of Beirut and, in consultation with the University, to prepare a report for the Committee no later than December 31, 2002 on the benefits of a cooperative effort in health care and medical research between the Department of Defense and the American University of Beirut.

NORTH CHICAGO VETERANS ADMINISTRATION MEDICAL CENTER AND NAVAL HOSPITAL, GREAT LAKES, ILLINOIS

The Committee directs that any future health care facility be jointly proposed and operated by the Department of Veterans Affairs and the United States Navy and shall be reported to Congress within 30 days of such proposal.

ENVIRONMENTAL MEDICAL UNIT

Congress appropriated $1,650,000 for the purpose of conducting research on health effects of low level exposure to hazardous chemicals. The Committee requests a report on the status of this research from the US Army Medical Research Command by January 1, 2003.

PEER-REVIEWED BREAST CANCER EARLY DETECTION RESEARCH

The Committee recognizes that current research has questioned the efficacy of mammography as an early breast cancer detection tool, and has provided $10,000,000 in additional funds to investigate and develop new imaging techniques aimed at early detection of breast cancer. The Committee directs the administrators of this program to focus these funds on the development of new imaging techniques aimed at early detection of breast cancer.

ARMY PEER-REVIEWED PROSTATE CANCER RESEARCH

The Committee recognizes the important contributions that the Army has made in the area of prostate cancer research and recommends that the U.S. Army Medical Command use the funds appropriated in the accompanying bill to continue its effort in research and to support clinical trials.

## COMMITTEE RECOMMENDATIONS

### DEFENSE HEALTH PROGRAM

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget request | Committee recommended | Change from request |
|---|---|---|---|
| Operation and Maintenance | 14,234,041 | 13,916,791 | −317,250 |
| In-House Care | 3,999,451 | 4,036,201 | 37,750 |
| Madigan Army Medical Trauma Center | | | 1,000 |
| White River Junction-Fort Ethan Allen Community Out Patient Clinic | | | 500 |
| Defense and Veterans Head Injury Program | | | 3,000 |
| Amputee Care Center of Excellence at Walter Reed | | | 3,000 |
| Vaccine Healthcare Center Network at Walter Reed | | | 3,000 |
| Shared BL–3 Biocontainment Research Facility | | | 500 |
| Optimization | | | 25,000 |
| Betances Health Center (Note: Only to support the restoration of health care services at Betances Community Health Center (a federally qualified health center) lost due to the September 11 terrorist attack) | | | 500 |
| Chiropractic Initiative | | | 750 |
| Private Sector Care | 7,159,674 | 6,805,674 | −354,500 |
| TRICARE cost estimates | | | −354,500 |
| Consolidated Health Care Support | 809,548 | | |
| Information Management | 666,709 | | |
| Management Activities | 221,786 | | |
| Education and Training | 350,092 | | |
| Base Operations/Communications | 1,081,651 | | |
| Procurement | 278,742 | 283,743 | 5,001 |
| Deployable Medical Systems (DEPMEDS) (Note: Only for the Army Reserve) | | | 5,001 |
| Research, Development, Test and Evaluation | 67,214 | 400,214 | 333,000 |
| Chronic Mylogenous Leukemia Research | | | 5,000 |

[In thousands of dollars]

| | Budget request | Committee recommended | Change from request |
|---|---|---|---|
| Comprehensive Breast Care Project (CBCP) (Note: Only for the Uniformed Services University of the Health Sciences to continue on-going efforts among Walter Reed Army Medical Center, an appropriate non-profit medical foundation, and a rural primary health care center.) | | | 15,000 |
| Coronary and Prostate Disease Reversal Program (Note: Only for the Uniformed Services University of the Health Sciences to continue on-going effort among Walter Reed Army Medical Center, an appropriate non-profit medical foundation, and a rural primary health care center.) | | | 6,000 |
| HIV Research Program | | | 9,000 |
| Hyperaric Oxygen Therapy for Cerebral Palsy | | | 1,000 |
| Military Complementary & Alternative Medicine (Mil-Cam) | | | 2,000 |
| Neuroscience Research (Note: Only for coordinated effort among DOD medical treatment facilities, the Uniformed Services University of the Health Sciences, a primary healthcare center, with funding management accomplished by the Uniformed Services University of the Health Sciences.) | | | 7,000 |
| Ovarian Cancer Research Program | | | 10,000 |
| Peer Reviewed Breast Cancer Imaging Research | | | 10,000 |
| Post-Polio Syndrome (Note: Only for a coordinated effort among the Uniformed Services University of the Health Sciences, an appropriate non-profit medical foundation, and a primary health care system, with funding management accomplished by the Uniformed Services University of the Health Sciences.) | | | 4,000 |
| Periscopic Surgery Research Project | | | 3,000 |
| Army Peer-Reviewed Prostrate Cancer Research Program | | | 85,000 |
| Army Peer-Reviewed Breast Cancer Research Program | | | 150,000 |
| Nursing Telehealth Reseach Program | | | 3,000 |
| Veterans Collaborative Care Model Program | | | 2,000 |
| Global HIV/AIDS Prevention | | | 10,000 |
| Muscular Dystrophy Research | | | 4,000 |
| Tuberous Sclerosis Complex (TSC) Research (Note: Only for Tuberous Sclerosis Complex research to better understand the role and function of proteins produced by the TSC1 and TSC2 tumor suppressor genes.) | | | 4,000 |
| U.S. Military Cancer Institute at Uniformed Services University of the Health Sciences. | | | 3,000 |
| Operation and Maintenance | 14,234,041 | 13,916,791 | −317,250 |
| Procurement | 278,742 | 283,743 | 5,001 |
| Research, Development, Test and Evaluation | 67,214 | 400,214 | 333,000 |
| Total | 14,579,997 | 14,600,748 | 20,751 |

## CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, ARMY

| | |
|---|---|
| Fiscal year 2002 appropriation | $1,105,557,000 |
| Fiscal year 2003 budget request | 1,490,199,000 |
| Committee recommendation | 1,490,199,000 |
| Change from budget request | |

This appropriation funds the Chemical Agents and Munitions Destruction activities of the Department of Army.

### ACCESS ROAD ENGINEERING STUDIES

Of the funds available to the Department of Defense for research, development, test and evaluation within the Chemical Agents and Munitions Destruction, Army account, the Committee directs that $5,000,000 shall be available only to continue work to improve

emergency access and evacuation infrastructure at Tooele Depot and Pine Bluff Arsenal. Of these funds, $2,500,000 shall be available for each facility.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following in fiscal year 2003.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| CHEM AGENTS & MUNITIONS DESTRUCTION, ARMY | | | | | | |
| CHEM DEMILITARIZATION - O&M | --- | 974,238 | --- | 974,238 | --- | --- |
| CHEM DEMILITARIZATION - PROC | --- | 213,278 | --- | 213,278 | --- | --- |
| CHEM DEMILITARIZATION - RDTE | --- | 302,683 | --- | 302,683 | --- | --- |
| TOTAL, CHEM AGENTS & MUNITIONS DESTRUCTION, ARMY | | 1,490,199 | | 1,490,199 | | --- |

## DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES DEFENSE

| | |
|---|---|
| Fiscal year 2002 appropriation | $842,581,000 |
| Fiscal year 2003 budget request | 848,907,000 |
| Committee recommendation | 859,907,000 |
| Change from budget request | +11,000,000 |

This appropriation provides funds for Military Personnel; Operation and Maintenance; Procurement; and Research, Development, Test and Evaluation for drug interdiction and counter-drug activities of the Department of Defense.

### COMMITTEE RECOMMENDATIONS

The Department of Defense requested $848,907,000 for Drug Interdiction and Counter-Drug Activities. The Committee recommends $859,907,000, an addition of $11,000,000.

### EXPLANATION OF PROJECT LEVEL CHANGES

[In thousands of dollars]

| | |
|---|---|
| SOUTHCOM Reconnaissance UAV Counter-drug Initiative | +15,100 |
| Young Marines | +1,500 |
| National Counter-narcotics Training Center, Hammer | +1,000 |
| Indiana National Guard Counter-drug Activities | +1,000 |
| Nevada National Guard CD Raid Counter-drug Program | +2,000 |
| Tennessee National Guard Counter-drug Activities | +1,000 |
| Kentucky National Guard Counter-drug Activities | +1,000 |
| Northeast Counter-drug Training Center | +8,000 |
| Florida National Guard Counter-drug Port Initiative | +2,500 |
| Southwest Border Fence | +6,700 |
| Multi-jurisdictional Counter-drug Task Force Training | +5,000 |
| Southwest Anti-drug Border States Initiative | +5,000 |
| Tethered Aerostat Radar System at Morgan City, LA | +4,000 |
| C–26 Counter-drug Electro Optical Sensor Upgrades | +6,200 |
| Tethered Aerostat Radar System Procurement | −5,000 |
| DEA Support | −1,300 |
| Transit Zone Maritime Patrol Aircraft | −9,000 |
| Riverine Training Deployments | −1,000 |
| TAC OPS Support | −1,800 |
| T–AGOS | −13,000 |
| Classified | −17,900 |

### SOUTHERN COMMAND RECONNAISSANCE UNMANNED AERIAL VEHICLE (UAV) COUNTER-DRUG INITIATIVE

The Committee recommends $15,100,000 for an initiative in the Southern Command area of responsibility to provide unarmed UAVs for counter-drug missions. Intelligence, surveillance, and reconnaissance (ISR) assets play a key role in the effort to halt the cultivation, production, and transportation of drugs in the Source zone and they are in short supply particularly with the demands of the DoD elsewhere in the world. There are a variety of UAVs which could provide ISR capability more economically and effectively than is present in the region today and the Committee urges the Commander in Chief of U.S. Southern Command to act expeditiously on this initiative.

### NATIONAL GUARD STATE PLANS

The budget request includes $167,722,000 for the National Guard State Plans Programs. The Committee has provided the requested

amount and has provided an additional $33,400,000 in programs where it has identified specific critical shortfalls. The Committee is concerned that even with the additional resources it is providing, this program may still be underfunded. In fact, according to the DoD the current force structure of the National Guard Counter-drug State Plans program would have to be reduced by 385 personnel in fiscal year 2003 if the Congress funds it at the amount requested in the budget. The Committee directs the Secretary of Defense and the Chief of the National Guard Bureau, in consultation with the director of the Office of National Drug Control Policy, to submit a report to the defense committees not later than 60 days after enactment of this Act which reviews the extent to which the National Guard is used to conduct the National Drug Control Strategy. This report should identify the level of resources required for the National Guard to meet the goals of the National Drug Control Policy from within the Department of Defense and from the other Agencies of Federal, State, and Local Governments which benefit from National Guard Counter-drug participation.

### TRANSIT ZONE MARITIME PATROL AIRCRAFT

The budget request includes $9,000,000 for Transit Zone Maritime Patrol Aircraft to provide two turnkey, contractor-owned, operated, and maintained aircraft for maritime surveillance. The Committee recommends no funding for this program. The Committee questions the advisability of using scarce DoD counter-drug resources to enter into this new program. This program would provide only a marginal increase in additional air assets in the Transit Zone which could be provided by existing DoD assets or the assets of other Agencies when the mission does not require the unique capabilities of the DoD.

### T–AGOS

The budget request includes $17,445,000 to operate two T–AGOS ships to support transit zone operations. The Committee recommends $4,445,000 and further recommends that these assets be transferred to a more useful DoD or homeland security mission. The once valuable T–AGOS program now provides diminished Counter-drug operational value due to the lack of Transit Zone air threats and has outlived its usefulness as a collection asset.

### CLASSIFIED ANNEX

The Committee recommendation does not reflect a reduction to the classified program. The Committee's recommendation reflects a transfer of $17,900,000 from this appropriation to an appropriation in support of classified activities. For additional information, please refer to the classified annex that accompanies this report.

## OFFICE OF THE INSPECTOR GENERAL

| | |
|---|---|
| Fiscal year 2002 appropriation | $152,021,000 |
| Fiscal year 2003 budget request | 157,165,000 |
| Committee recommendation | 157,165,000 |
| Change from budget request | ..... |

The Committee recommends an appropriation of $157,165,000 for the Office of the Inspector General. The recommendation is an increase of $5,144,000 above the amount appropriated for fiscal year 2002.

# TITLE VII

# RELATED AGENCIES

## NATIONAL FOREIGN INTELLIGENCE PROGARM

### INTRODUCTION

The National Foreign Intelligence Program consists of those intelligence activities of the government which provide the President, other officers of the Executive Branch, and the Congress with national foreign intelligence on broad strategic concerns bearing on U.S. national security. These concerns are stated by the National Security Council in the form of long-range and short-range requirements for the principal users of intelligence.

The National Foreign Intelligence Program budget funded in the Department of Defense Appropriations Act consists primarily of resources for the Central Intelligence Agency, Defense Intelligence Agency, National Reconnaissance Office, National Security Agency, National Imagery and Mapping Agency, intelligence services of the Departments of the Army, Navy and Air Force, Intelligence Community Management Staff, and the CIA Retirement and Disability System Fund.

### CLASSIFIED ANNEX

Because of the highly sensitive nature of intelligence programs, the results of the Committee's budget review are published in a separate, detailed and comprehensive classified annex. The intelligence community, Department of Defense and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the fiscal year 2003 Defense Appropriations bill.

## CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $212,000,000 |
| Fiscal year 2003 budget request | 212,000,000 |
| Committee recommendation | 212,000,000 |
| Change from budget request | 0 |

This appropriation provides payments of benefits to qualified beneficiaries in accordance with the Central Intelligence Agency Retirement Act of 1965 for Certain Employees (P.L. 88–643). This statute authorized the establishment of a CIA Retirement and Disability System (CIARDS) for a limited number of CIA employees and authorized the establishment and maintenance of a fund from which benefits would be paid to those beneficiaries.

COMMITTEE RECOMMENDATIONS

The Committee recommends $212,000,000 for the Central Intelligence Agency Retirement and Disability Systems Fund (CIARDS).

## INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

| | |
|---|---|
| Fiscal year 2002 appropriation | $160,429,000 |
| Fiscal year 2003 budget request | 147,754,000 |
| Committee recommendation | 162,254,000 |
| Change from budget request | +14,500,000 |

This appropriation provides funds for the activities that support the Director of Central Intelligence (DCI) and the Intelligence Community.

COMMITTEE RECOMMENDATIONS

The Administration requested $147,754,000 for the Intelligence Community Management Account. The Committee recommends $162,254,000, an increase of $14,500,000 from the amount requested and $1,825,000 above the amount appropriated under this heading in fiscal year 2002. Of the amount appropriated under this heading, $34,100,000 is for transfer to the Department of Justice for operations at the National Drug Intelligence Center (NDIC). Details of adjustments to this account are included in the classified annex accompanying this report.

## PAYMENT TO KAHO'OLAWE ISLAND CONVEYANCE, REMEDIATION, AND ENVIRONMENTAL RESTORATION FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $67,500,000 |
| Fiscal year 2003 budget request | 25,000,000 |
| Committee recommendation | 25,000,000 |
| Change from budget request | 0 |

The Committee recommends an appropriation of $25,000,000 for the Payment to Kaho'olawe Island Conveyance, Remediation, and Environmental Restoration Fund, the amount proposed in the budget. The recommendation is $42,500,000 below the amount appropriated for fiscal year 2002.

## NATIONAL SECURITY EDUCATION TRUST FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $8,000,000 |
| Fiscal year 2003 budget request | 8,000,000 |
| Committee recommendation | 8,000,000 |
| Change from budget request | 0 |

The National Security Education Trust Fund was established to provide scholarships and fellowships to U.S. students to pursue higher education studies abroad and grants to U.S. institutions for programs of study in foreign areas and languages.

COMMITTEE RECOMMENDATIONS

The Committee recommends $8,000,000 for the National Security Education Trust Fund. The recommendation is the same as the request and the amount appropriated in fiscal year 2002.

# TITLE VIII

## GENERAL PROVISIONS

The accompanying bill includes 122 general provisions. Most of these provisions were included in the Department of Defense Appropriations Act for fiscal year 2002 and many have been included in the Defense Appropriations Act of a number of years.

Actions taken by the Committee to amend last year's provisions or new provisions recommended by the Committee are discussed below or in the applicable section of the report.

### DEFINITION OF PROGRAM, PROJECT AND ACTIVITY

For 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 following information provides the definitions of the term "program, project, and activity" for appropriations contained in the Department of Defense Appropriations Act. The term "program, project, and activity" shall include the most specific level of budget items, identified in the Department of Defense Appropriations Act, 2003, the accompanying House and Senate Committee reports, the conference report and the accompanying joint explanatory statement of the managers of the Committee in Conference, the related classified reports, and the P–1 and R–1 budget justification documents as subsequently modified by Congressional action.

In carrying out any Presidential sequestration, the Department of Defense and agencies shall conform to the definition for "program, project, and activity" set forth above with the following exceptions:

For Military Personnel and Operation and Maintenance accounts the term "program, project, and activity" is defined as the appropriations accounts contained in the Department of Defense Appropriations Act.

The Department and agencies should carry forth the Presidential sequestration order in a manner that would not adversely affect or alter Congressional policies and priorities established for the Department of Defense and the related agencies and no program, project, and activity should be eliminated or be reduced to a level of funding which would adversely affect the Department's ability to effectively continue any program, project, and activity.

## CENTER FOR MILITARY RECRUITMENT ASSESSMENT AND VETERANS EMPLOYMENT

Section 8115 of the accompanying bill provides for a grant of $4,000,000 to the non-profit Center for Military Recruitment Assessment and Veterans Employment for the purpose of establishing a new center to improve the ability of military veterans to find high quality employment opportunities in the construction industry. The Committee believes excellent employment opportunities exist for military job seekers in the construction industry, which is expected to have a critical workforce shortage in the years ahead. This industry presently does not have a consistent way to communicate with, assess military training for apprenticeship placement, or to recruit on a systematic basis military job seekers and veterans. The Committee believes establishment of a service to inform and match military job seekers and veterans with available apprenticeships and training programs will benefit both military veterans and the construction industry. The Committee expects that this center will have a goal of recruiting approximately 500,000 men and women from the military veteran community over the next five years and that this center will be financially supported on an equal basis by a broad segment of the construction industry.

## NAVY MARINE CORPS INTRANET

A new general provision (Sec. 8118) has been included that prohibits the Navy from ordering additional seats above the current 160,000 authorized by the Office of the Secretary of Defense, and requires that operational test and evaluation be conducted once there has been a full transition of not less than 20,000 workstations to the Navy-Marine Corps Intranet and the network is robust enough so as to perform adequate testing.

## PENTAGON RECONSTRUCTION

A new general provision (Sec. 8120) has been included which amends Section 305(a) of the Emergency Supplemental Act, 2002 (Division B of Public Law 107–117; 115 Stat. 2300). The amendment adds to the provision the authority for the Department to transfer $305,000,000 from the Pentagon Reservation Maintenance Revolving Fund to the Defense Emergency Response Fund to reimburse only for the reconstruction costs of the Pentagon Reservation. The Committee expects these funds be transferred only to the appropriate category within the Defense Emergency Response Fund that executes Pentagon reconstruction and recovery (Category 8—Pentagon Repair/Upgrade).

# TITLE IX

## COUNTER-TERRORISM AND DEFENSE AGAINST WEAPONS OF MASS DESTRUCTION

### COUNTER-TERRORISM AND OPERATIONAL RESPONSE TRANSFER FUND

| | |
|---|---|
| Fiscal year 2002 appropriation | $478,000,000 |
| Fiscal year 2003 budget request | ..... |
| Committee recommendation | ..... |
| Change from budget request | ..... |

### FORMER SOVIET UNION THREAT REDUCTION

Funding for the Former Soviet Union Threat Reduction activities of the Department of Defense has been included in Title II, Operation and Maintenance.

## HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS

The following items are included in accordance with various requirements of the Rules of the House of Representatives.

### CHANGES IN THE APPLICATION OF EXISTING LAW

Pursuant to clause 3(f)(1) 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 existing 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 earmarked funds within appropriation accounts in order to fund specific programs and has adjusted some existing earmarking.

Those additional changes in the fiscal year 2003 bill, which might be interpreted as changing existing law, are as follows:

#### APPROPRIATIONS LANGUAGE

Language has been deleted in "Operation and Maintenance, Army" which earmarks funds for improvements at Fort Baker, and language has been amended which changes the amount provided for emergency and extraordinary expenses.

Language has been amended in "Operation and Maintenance, Navy" which changes the amount provided for emergency and extraordinary expenses.

Language has been included in "Operation and Maintenance, Air Force" which earmarks funds for Air Force aircrews to operate and evaluate the United Kingdom's Royal Air Force EH–101 helicopters, and which amends language which changes the amount provided for emergency and extraordinary expenses.

Language has been deleted in "Operation and Maintenance, Defense-Wide" which earmarks funds for the Middle East Regional Security Issues program. Language has been included which ear-

marks funds for expenses related to certain classified activities and which increases the ceiling on the investment unit cost of items purchased with operation and maintenance funds.

The appropriations account "Overseas Contingency Operations Transfer Fund" has been deleted.

The appropriations account "Former Soviet Union Threat Reduction" was moved to title II of this bill, and language had been deleted which earmarks funds for the dismantling and disposal of nuclear submarines and submarine reactor components.

Language has been included in "Aircraft Procurement, Army" which provides that not less than $225,675,000 of funds available shall be for the Army National Guard and Army Reserve, and which earmarks funds only to support a restructured CH–47F helicopter upgrade program.

Language has been included in "Missile Procurement, Army" which provides that not less than $168,580,000 of funds available shall be for the Army National Guard and Army Reserve.

Language has been included in "Procurement of Weapons and Tracked Combat Vehicles, Army" which provides that not less than $40,849,000 of funds available shall be for the Army National Guard and Army Reserve.

Language has been included in "Procurement of Ammunition, Army" which provides that not less than $124,716,000 of funds available shall be for the Army National Guard and Army Reserve.

Language has been included in "Other Procurement, Army" which provides that not less than $1,129,578,000 of funds available shall be for the Army National Guard and Army Reserve, and amends language which changes the number and price limitations of passenger motor vehicles required for physical security of personnel and the number of vehicles for replacement only.

Language has been included in "Aircraft Procurement, Navy" which provides that not less than $19,644,000 of funds available shall be for the Navy Reserve and Marine Corps Reserve.

Language has been included in "Procurement of Ammunition, Navy and Marine Corps" which provides that not less than $18,162,000 of funds available shall be for the Navy Reserve and Marine Corps Reserve.

Language has been included in "Other Procurement, Navy" which provides that not less than $19,869,000 of funds available shall be for the Navy Reserve and Marine Corps Reserve, and amends language which changes the number and price limitations of passenger motor vehicles required for physical security of personnel and the number of vehicles for replacement only.

Language has been included in "Procurement, Marine Corps" which provides that not less than $253,724,000 of funds available shall be for the Marine Corps Reserve, and amends language which changes the number of passenger motor vehicles for replacement only.

Language has been included in "Aircraft Procurement, Air Force" which provides that not less than $312,700,000 of funds available shall be for the Air National Guard and Air Force Reserve; includes language which earmarks funds only for the producibility improvement program related to the F–22 aircraft program, and provides funds for the advance procurement of 15 C–17 aircraft.

Language has been included in "Procurement of Ammunition, Air Force" which provides that not less than $120,200,000 of funds shall be available for the Air National Guard and Air Force Reserve.

Language has been included in "Other Procurement, Air Force" which provides that not less than $167,600,000 of funds available shall be for the Air National Guard and Air Force Reserve, and amends language which changes the number and price limitations of passengers motor vehicles required for physical security of personnel and the number of vehicles for replacement only.

Language has been included in "Procurement, Defense-Wide" which amends language which changes the number of passenger motor vehicles purchased for replacement only.

Language has been included in "Research, Development, Test and Evaluation, Navy" concerning Special Operation Forces requirements for the V–22 aircraft.

Language has been deleted in "Research, Development, Test and Evaluation, Defense-Wide" which provided a waiver for the Missile Defense Agency.

Language has been deleted in "Defense Production Act Purchases" which provides funding for the development of affordable production methods and a domestic supplier for military and commercial processible rigid-rod materials.

The appropriations account "National Guard and Reserve Equipment" has been deleted.

Language has been amended in "Defense Working Capital Funds" which changes the number of passenger motor vehicles required for replacement only, and includes language for the purchase of passenger motor vehicles for the Defense Logistics Agency.

Language has been amended in "National Defense Sealift Fund" which changes the amount available to finance the cost of constructing additional sealift capacity.

Language has been amended in "Defense Health Program" which earmarks not less than $10,000,000 for HIV/AIDS prevention programs.

Language has been included in "Drug Interdiction and Counter-Drug Activities, Defense" which allows for the transfer of funds back to the appropriation if not necessary for the purposes provided.

Language has been included in "Intelligence Community Management Account" which provides document and computer exploitation of Federal, State, and local law enforcement activity associated with counter-drug, counter-terrorism, national security investigations and operations, and language has been amended that earmarks $34,100,000 for the National Drug Intelligence Center

GENERAL PROVISIONS

Section 8005 has been amended which increases the level of general transfer authority for the Department for Defense.

Section 8008 has been amended to delete language providing multiyear procurement authority for UH–60 and C–17 aircraft, and adds multiyear authority for C–130 aircraft.

Section 8027 has been amended which deletes language allowing the Department to incur obligations in anticipation of reimbursement from any funds available to DoD.

Section 8029 has been amended deleting language that reduces the total amount appropriated in this Act for FFRDCs, and changes the number of staff years that may be funded for defense studies and analysis.

Section 8040 has been amended to delete language exempting certain classified activities in "Operation and Maintenance, Defense-Wide" from the investment item unit cost limitations.

Section 8050 has been amended to include language which rescinds $192,932,000 from the following programs:

| | *(Rescissions)* |
|---|---|
| 2002 Appropriations: | |
| Aircraft Procurement, Army: ATIRCM | $3,000,000 |
| Missile Procurement, Army: | |
| Stinger | 5,150,000 |
| Avenger Mods | 10,000,000 |
| TOW Fire and Forget | 13,200,000 |
| Procurement of Weapons and Tracked Combat Vehicles, Army: Command and Control Vehicle (C2V) | 9,500,000 |
| Procurement of Ammunition, Army: | |
| RADAM | 19,000,000 |
| Volcano | 6,500,000 |
| Procurement, Marine Corps: ITV | 4,682,000 |
| Aircraft Procurement, Air Force: B–2 EHF SATCOM | 23,500,000 |
| Missile Procurement, Air Force: | |
| MALD | 8,900,000 |
| JSOW–B | 18,000,000 |
| Research, Development, Test and Evaluation, Army: Medical Area Network Virtual Technologies (MANVT) | 2,500,000 |
| Research, Development, Test and Evaluation, Navy: VTUAV | 2,000,000 |
| Research, Development, Test and Evaluation, Air Force: B–1B DSUP | 67,000,000 |

Section 8082 has been amended which reduces funds available for military personnel and operation and maintenance accounts by $615,000,000 due to favorable foreign currency fluctuations.

Section 8088 has been amended to include language which requires Chief Information Officer certification of compliance with Clinger-Cohen Act.

Section 8095 has been amended which deletes an earmark concerning the ASIP program the cost-sharing agreement between the Department of Defense and the Israeli Department of Defense, and includes language which continues development of Arrow production in the United States.

Section 8097 has been amended which reduces the amount available in "Operation and Maintenance, Defense-Wide" for transfer to other activities of the Federal Government.

Section 8099 has been amended which provides $2,000,000 for the Fisher House Foundation, Inc.

Section 8100 has been amended which reduces funds available for operation and maintenance by $51,000,000 to reflect savings in advisory and assistance services.

Section 8101 has been amended which allows for the transfer of $644,899,000 to fund increases in the cost of prior year shipbuilding programs.

Section 8103 has been amended which reduces funds available for operation and maintenance by $97,000,000 due to improvements in the use of Government purchase cards.

Section 8104 has been amended which makes permanent the authority to provide funds for the purchase of ultra lightweight camouflage net systems as unit spares.

Section 8105 has been amended which makes permanent the authority to transfer $20,000,000 of unobligated balances in "Research, Development, Test and Evaluation, Army" to a current year account only for the continuation of the Army Venture Capital Funds demonstration.

Section 8109 has been included which allows for the transfer from the Defense Cooperation Account to such appropriations or funds of the DoD as the Secretary shall determine.

Section 8110 has been included which provides authority to make payments into the Department of Defense Medicare Eligible Retiree Health Care Fund from the military personnel accounts.

Section 8111 has been included which provides for congressional defense committee notification before the initiation of a new start program.

Section 8112 has been included which reduces funds available for operation and maintenance by $470,000,000 for Working Capital Fund cash balance and rate stabilization adjustments.

Section 8113 has been included which reduces funds available for operation and maintenance by $475,000,000 for excess funded carryover.

Section 8114 has been included which prohibits the obligation of funds for the purpose of transferring the Medical Free Electron Laser Program for the DoD to any other government agency.

Section 8115 has been included which provides for $4,000,000 in "Operation and Maintenance, Army National Guard" only for a grant to the Center for Military Recruitment, Assessment and Veterans Employment.

Section 8116 has been included which allows operation and maintenance funds to be used to assist in building and maintaining a strong family structure.

Section 8117 has been included which creates a "Commission on Adequacy of Armed Forces Training Facilities".

Section 8118 has been included which places limitations on additional NMCI contract work stations.

Section 8119 has been included which prohibits acquisition of more than 16 F–22 aircraft until a risk assessment has been provided to the congressional defense committees.

Section 8120 has been included that allows for the transfer of funds from the Pentagon Reservation Maintenance Revolving Fund to the Defense Emergency Response Fund.

Section 8121 has been included which allows for the termination of Crusader Artillery System and the transition to other artillery systems.

Section 8122 has been included which prohibits the transfer of funds to any department, agency, or instrumentality of the United States Government established after the date of the enactment of this Act.

The "Counter-Terrorism and Defense Against Weapons of Mass Destruction" appropriation has been deleted.

## APPROPRIATIONS NOT AUTHORIZED BY LAW

Pursuant to clause 3(f)(1) of rule XIII of the Rules of the House of Representatives, the following table lists the appropriations in the accompanying bill which are not authorized by law:

[In thousands of dollars]

| Agency program | Last year of authorization | Authorization level | Appropriations in last year of authorization | Appropriations in this bill |
|---|---|---|---|---|
| Military Personnel, Army | 2002 | (1) | 23,752,384 | 26,832,217 |
| Military Personnel, Navy | 2002 | (1) | 19,551,484 | 21,874,395 |
| Military Personnel, Marine Corps | 2002 | (1) | 7,345,340 | 8,504,172 |
| Military Personnel, Air Force | 2002 | (1) | 19,724,014 | 21,957,757 |
| Reserve Personnel, Army | 2002 | (1) | 2,670,197 | 3,373,455 |
| Reserve Personnel, Navy | 2002 | (1) | 1,654,523 | 1,897,352 |
| Reserve Personnel, Marine Corps | 2002 | (1) | 471,200 | 553,983 |
| Reserve Personnel, Air Force | 2002 | (1) | 1,061,160 | 1,236,904 |
| National Guard Personnel, Army | 2002 | (1) | 4,041,695 | 5,070,188 |
| National Guard Personnel, Air Force | 2002 | (1) | 1,784,654 | 2,124,411 |
| Operation and Maintenance, Army | 2002 | 20,653,241 | 22,335,074 | 23,942,768 |
| Operation and Maintenance, Navy | 2002 | 26,461,299 | 26,876,636 | 29,121,836 |
| Operation and Maintenance, Marine Corps | 2002 | 2,872,524 | 2,931,934 | 3,579,359 |
| Operation and Maintenance, Air Force | 2002 | 25,598,767 | 26,026,789 | 27,587,959 |
| Operation and Maintenance, Defense-Wide | 2002 | 11,949,586 | 12,773,270 | 14,850,377 |
| Operation and Maintenance, Army Reserve | 2002 | 1,824,146 | 1,771,246 | 1,976,710 |
| Operation and Maintenance, Navy Reserve | 2002 | 1,000,050 | 1,003,690 | 1,239,309 |
| Operation and Maintenance, Marine Corps Reserve | 2002 | 142,853 | 144,023 | 189,532 |
| Operation and Maintenance, Air Force Reserve | 2002 | 2,029,866 | 2,024,866 | 2,165,604 |
| Operation and Maintenance, Army National Guard | 2002 | 3,705,359 | 3,768,058 | 4,231,967 |
| Operation and Maintenance, Air National Guard | 2002 | 3,967,361 | 3,988,961 | 4,113,010 |
| Overseas Contingency Operations Transfer Fund | 2002 | 2,844,226 | 50,000 | 0 |
| United States Court of Appeals for the Armed Forces | 2002 | 9,096 | 9,096 | 9,614 |
| Environmental Restoration, Army | 2002 | 389,800 | 389,800 | 395,900 |
| Environmental Restoration, Navy | 2002 | 257,517 | 257,517 | 256,948 |
| Environmental Restoration, Air Force | 2002 | 385,437 | 385,437 | 389,773 |
| Environmental Restoration, Defense-Wide | 2002 | 23,492 | 23,492 | 23,498 |
| Environmental Restoration, Formerly Used Defense Sites | 2002 | 230,255 | 222,255 | 212,102 |
| Overseas Humanitarian, Disaster, and Civic Aid | 2002 | 49,700 | 49,700 | 58,400 |
| Former Soviet Union Threat Reduction | 2002 | 403,000 | 0 | 416,700 |
| Support for International Sporting Competitions, Defense | 2002 | 15,800 | 15,800 | 19,000 |
| Defense Emergency Response Fund | n/a | 0 | 0 | 0 |
| Aircraft Procurement, Army | 2002 | 2,075,372 | 1,984,391 | 2,214,369 |
| Missile Procurement Army | 2002 | 1,086,968 | 1,079,330 | 1,112,772 |
| Procurement of Weapons & Tracked Combat Vehicles, Army | 2002 | 2,348,145 | 2,193,746 | 2,248,358 |
| Procurement of Ammunition, Army | 2002 | 1,187,233 | 1,200,465 | 1,207,560 |
| Other Procurement, Army | 2002 | 4,027,374 | 4,183,736 | 6,017,380 |
| Aircraft Procurement, Navy | 2002 | 8,323,147 | 7,938,143 | 8,682,655 |
| Weapons Procurement, Navy | 2002 | 1,484,321 | 1,429,592 | 2,384,617 |
| Procurement of Ammunition, Navy and Marine Corps | 2002 | 466,907 | 461,399 | 1,167,130 |
| Shipbuilding and Conversion, Navy | 2002 | 9,370,972 | 9,490,039 | 8,127,694 |
| Other Procurement, Navy | 2002 | 4,282,471 | 4,270,976 | 4,631,299 |
| Procurement, Marine Corps | 2002 | 1,014,637 | 995,442 | 1,369,383 |
| Aircraft Procurement, Air Force | 2002 | 10,789,167 | 10,567,038 | 12,492,730 |
| Procurement of Ammunition, Air Force | 2002 | 881,844 | 866,644 | 1,290,764 |
| Missile Procurement, Air Force | 2002 | 3,222,636 | 2,989,524 | 3,185,439 |
| Other Procurement, Air Force | 2002 | 8,196,021 | 8,085,863 | 10,622,660 |
| Procurement, Defense-Wide | 2002 | 2,279,482 | 2,389,490 | 3,457,405 |
| National Guard and Reserve Equipment | 2002 | 0 | 699,130 | 0 |
| Defense Production Act Purchases | 2002 | 0 | 40,000 | 73,057 |

[In thousands of dollars]

| Agency program | Last year of authorization | Authorization level | Appropriations in last year of authorization | Appropriations in this bill |
|---|---|---|---|---|
| Research, Development, Test and Evaluation, Army | 2002 | 6,675,325 | 7,106,074 | 7,447,160 |
| Research, Development, Test and Evaluation, Navy | 2002 | 10,784,264 | 11,498,506 | 13,562,218 |
| Research, Development, Test and Evaluation, Air Force | 2002 | 14,407,187 | 14,669,931 | 18,639,392 |
| Research, Development, Test and Evaluation, Defense-Wide | 2002 | 14,372,640 | 15,415,275 | 17,863,462 |
| Operational Test and Evaluation, Defense | 2002 | 221,355 | 231,855 | 242,054 |
| Defense Working Capital Funds | 2002 | 1,951,986 | 1,312,986 | 1,832,956 |
| National Defense Sealift Fund | 2002 | 636,566 | 432,408 | 944,129 |
| Defense Health Program | 2002 | 17,898,969 | 18,391,194 | 14,600,748 |
| Chemical Agents & Munitions Destruction, Army: | | | | |
| Operation and maintenance | 2002 | 789,020 | 739,020 | 974,238 |
| Procurement | 2002 | 164,158 | 164,158 | 213,278 |
| Research, development, test, and evaluation | 2002 | 200,379 | 202,379 | 302,683 |
| Drug Interdiction and Counter-Drug Activities, Defense | 2002 | 820,381 | 842,581 | 859,907 |
| Office of the Inspector General | 2002 | 152,021 | 152,021 | 157,165 |
| CIA Retirement & Disability System Fund | 2002 | 212,000 | 212,000 | 212,000 |
| Intelligence Community Management Account | 2002 | 152,776 | 160,429 | 162,254 |
| Transfer to Dept of Justice | 2002 | 27,000 | (42,752) | (34,100) |
| Payment to Kaho'olawe Island Conveyance, Remediation and Environmental Restoration Fund | 2002 | 25,000 | 67,500 | 25,000 |
| National Security Education Trust Fund | 2002 | 8,000 | 8,000 | 8,000 |
| Sec. 8005 | 2002 | 2,500,000 | (2,000,000) | (2,500,000) |
| Sec. 8021 | 2002 | 0 | 8,000 | 8,000 |
| Sec. 8035 | 2002 | 19,000 | 19,000 | 29,730 |
| Sec. 8038 | 2002 | 3,362 | 3,362 | 1,000 |
| Sec. 8050 | 2002 | 0 | −531,475 | −192,932 |
| Sec. 8082 | 2002 | 0 | −240,000 | −615,000 |
| Sec. 8087 | 2002 | 0 | 8,000 | 10,000 |
| Sec. 8099 | 2002 | 0 | 1,700 | 2,000 |
| Sec. 8100 | 2002 | 0 | −1,650,000 | −51,000 |
| Sec. 8103 | 2002 | 0 | −100,000 | −97,000 |
| Sec. 8105 | 2002 | 0 | 0 | 17,000 |
| Sec. 8109 | 2002 | 0 | 0 | 5,000 |
| Sec. 8112 | 2002 | 0 | 0 | −470,000 |
| Sec. 8113 | 2002 | 0 | 0 | −475,000 |
| Sec. 8115 | 2002 | 0 | 0 | 4,000 |

[1] The FY 2003 National Defense Authorization Act authorizes $93,725,028,000 for military personnel.

## 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.

### TRANSFERS

Language has been included in "Operation and Maintenance, Defense-Wide" which provides for the transfer of funds relating to classified activities.

Language has been included in "Environmental Restoration, Army" which provides for the transfer of funds out of and into this account.

Language has been included in "Environmental Restoration, Navy" which provides for the transfer of funds out of and into this account.

Language has been included in "Environmental Restoration, Air Force" which provides for the transfer of funds out of and into this account.

Language has been included in "Environmental Restoration, Defense-Wide" which provides for the transfer of funds out of and into this account.

Language has been included in "Environmental Restoration, Formally Used Defense Sites" which provides for the transfer of funds out of and into this account.

Language has been included in "Drug Interdiction and Counter-Drug Activities, Defense" which transfers funds to other appropriations accounts of the Department of Defense.

Language has been included in "Intelligence Community Management Account" which provides for the transfer of funds to the Department of Justice for the National Drug Intelligence Center.

Twelve provisions (Sections 8005, 8006, 8015, 8035, 8038, 8059, 8070, 8097, 8101, 8105, 8109, 8120) contain language which allows transfers of funds between accounts.

## RESCISSIONS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House of Representatives, the following table is submitted describing the rescissions recommended in the accompanying bill.

| | |
|---|---|
| Aircraft Procurement, Army 2002/2004 | $3,000,000 |
| Missile Procurement, Army 2002/2004 | 28,350,000 |
| Procurement of Weapons and Tracked Combat Vehicles, Army 2002/2004 | 9,500,000 |
| Procurement of Ammunition, Army 2002/2004 | 25,500,000 |
| Procurement, Marine Corps 2002/2004 | 4,682,000 |
| Aircraft Procurement, Air Force 2002/2004 | 23,500,000 |
| Missile Procurement, Air Force 2002/2004 | 26,900,000 |
| Research, Development, Test and Evaluation, Army 2002/2003 | 2,500,000 |
| Research, Development, Test and Evaluation, Navy 2002/2003 | 2,000,000 |
| Research, Development, Test and Evaluation, Air Force 2002/2003 | 67,000,000 |

## 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.

## COMPLIANCE WITH CLAUSE 3 OF RULE XIII (RAMSEYER RULE)

In compliance with clause 3(e) of rule XIII of the Rules of the House of Representatives, changes in existing law made by the bill, as reported, are shown as follows (existing law proposed to be omitted is enclosed in black brackets, new matter is printed in italic, existing law in which no change is proposed is shown in roman):

## SECTION 305 OF THE EMERGENCY SUPPLEMENTAL ACT, 2002

(INCLUDING TRANSFER OF FUNDS)

SEC. 305. (a) During the current fiscal year, $475,000,000 of appropriations provided in this Act shall be transferred to the Pentagon Reservation Maintenance Revolving Fund only to reconstruct

the Pentagon Reservation and for related activities as a result of the events of September 11, 2001. *From amounts transferred to the Pentagon Reservation Maintenance Revolving Fund pursuant to the preceding sentence, not to exceed $305,000,000 may be transferred to the Defense Emergency Response Fund, but only in the amounts necessary to reimburse that fund (and the category of that fund designated as 'Pentagon Repair/Upgrade') for expenses charged to that fund (and that category) between September 11, 2001 and January 10, 2002, for reconstruction costs of the Pentagon Reservation. Funds transferred to the Defense Emergency Response Fund pursuant to this section shall be available only for reconstruction, recovery, force protection, or security enhancements for the Pentagon Reservation."*

* * * * * * *

## CONSTITUTIONAL AUTHORITY

Clause 3(d)(1) of rule XIII of the Rules of the House of Representatives states that:

> Each report of a committee on a bill or joint resolution of a public character, shall include a statement citing the specific powers granted to the Congress in the Constitution to enact the law proposed by the bill or joint resolution.

The Committee on Appropriations bases its authority to report this legislation from Clause 7 of Section 9 of Article I of the Constitution of the United States of America which states:

> No money shall be drawn from the Treasury but in consequence of Appropriations made by law * * *

Appropriations contained in this Act are made pursuant to this specific power granted by the Constitution.

## COMPARISON WITH THE BUDGET RESOLUTION

Clause 3(c)(2) of rule XIII of the Rules of the House of Representatives requires an explanation of compliance with section 308(a)(1)(A) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93–344), as amended, which requires that the report accompanying a bill providing new budget authority contain a statement detailing how that authority compares with the reports submitted under section 302 of the Act for the most recently agreed to concurrent resolution on the budget for the fiscal year from the Committee's section 302(a) allocation. This information follows:

(In millions of dollars)

| | 302b allocation | | This bill [1] | |
|---|---|---|---|---|
| | Budget authority | Outlays | Budget authority | Outlays |
| Discretionary | 354,447 | 346,110 | 354,446 | 338,718 |
| Mandatory | 276 | 275 | 276 | 275 |

[1] Does not include fiscal year 2003 outlays from the fiscal year 2002 supplemental. These outlays are assumed in the 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.

| | *(Millions)* |
|---|---|
| Budget Authority | 354,722 |
| Outlays: | |
| 2003 | [1]239,277 |
| 2004 | 78,853 |
| 2005 | 24,085 |
| 2006 | 6,871 |
| 2007 and beyond | 4,528 |

[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 Control 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.

## COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003

(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE I | | | | | |
| MILITARY PERSONNEL | | | | | |
| Military Personnel, Army | 23,752,384 | 27,079,392 | 26,832,217 | +3,079,833 | -247,175 |
| Military Personnel, Navy | 19,551,484 | 22,074,901 | 21,874,395 | +2,322,911 | -200,506 |
| Military Personnel, Marine Corps | 7,345,340 | 8,558,887 | 8,504,172 | +1,158,832 | -54,715 |
| Military Personnel, Air Force | 19,724,014 | 22,142,585 | 21,957,757 | +2,233,743 | -184,828 |
| Reserve Personnel, Army | 2,670,197 | 3,398,555 | 3,373,455 | +703,258 | -25,100 |
| Reserve Personnel, Navy | 1,654,523 | 1,927,152 | 1,897,352 | +242,829 | -29,800 |
| Reserve Personnel, Marine Corps | 471,200 | 557,883 | 553,983 | +82,783 | -3,900 |
| Reserve Personnel, Air Force | 1,061,160 | 1,243,904 | 1,236,904 | +175,744 | -7,000 |
| National Guard Personnel, Army | 4,041,695 | 5,128,988 | 5,070,188 | +1,028,493 | -58,800 |
| National Guard Personnel, Air Force | 1,784,654 | 2,135,611 | 2,124,411 | +339,757 | -11,200 |
| Total, title I, Military Personnel | 82,056,651 | 94,247,858 | 93,424,834 | +11,368,183 | -823,024 |
| TITLE II | | | | | |
| OPERATION AND MAINTENANCE | | | | | |
| Operation and Maintenance, Army | 22,335,074 | 23,961,173 | 23,942,768 | +1,607,694 | -18,405 |
| Operation and Maintenance, Navy | 26,876,636 | 28,697,235 | 29,121,836 | +2,245,200 | +424,601 |
| Operation and Maintenance, Marine Corps | 2,931,934 | 3,310,542 | 3,579,359 | +647,425 | +268,817 |
| Operation and Maintenance, Air Force | 26,026,789 | 26,772,768 | 27,587,959 | +1,561,170 | +815,191 |
| Operation and Maintenance, Defense-Wide | 12,773,270 | 14,169,258 | 14,850,377 | +2,077,107 | +681,119 |
| Operation and Maintenance, Army Reserve | 1,771,246 | 1,880,110 | 1,976,710 | +205,464 | +96,600 |
| Operation and Maintenance, Navy Reserve | 1,003,690 | 1,159,734 | 1,239,309 | +235,619 | +79,575 |
| Operation and Maintenance, Marine Corps Reserve | 144,023 | 185,532 | 189,532 | +45,509 | +4,000 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Operation and Maintenance, Air Force Reserve..... | 2,024,866 | 2,135,452 | 2,165,604 | +140,738 | +30,152 |
| Operation and Maintenance, Army National Guard..... | 3,768,058 | 4,049,567 | 4,231,967 | +463,909 | +182,400 |
| Operation and Maintenance, Air National Guard..... | 3,988,961 | 4,062,445 | 4,113,010 | +124,049 | +50,565 |
| Overseas Contingency Operations Transfer Fund 1/..... | 50,000 | 50,000 | --- | -50,000 | -50,000 |
| United States Court of Appeals for the Armed Forces... | 9,096 | 9,614 | 9,614 | +518 | --- |
| Environmental Restoration, Army..... | 389,800 | 395,900 | 395,900 | +6,100 | --- |
| Environmental Restoration, Navy..... | 257,517 | 256,948 | 256,948 | -569 | --- |
| Environmental Restoration, Air Force..... | 385,437 | 389,773 | 389,773 | +4,336 | --- |
| Environmental Restoration, Defense-Wide..... | 23,492 | 23,498 | 23,498 | +6 | --- |
| Environmental Restoration, Formerly Used Defense Sites | 222,255 | 212,102 | 212,102 | -10,153 | --- |
| Overseas Humanitarian, Disaster, and Civic Aid..... | 49,700 | 58,400 | 58,400 | +8,700 | --- |
| Former Soviet Union Threat Reduction..... | --- | 416,700 | 416,700 | +416,700 | --- |
| Support for International Sporting Competition,Defense | 15,800 | 19,000 | 19,000 | +3,200 | --- |
| Defense emergency response fund 2/..... | --- | 19,460,616 | --- | --- | -19,460,616 |
| Total, title II, Operation and maintenance..... | 105,047,644 | 131,676,367 | 114,780,366 | +9,732,722 | -16,896,001 |
| TITLE III | | | | | |
| PROCUREMENT | | | | | |
| Aircraft Procurement, Army..... | 1,984,391 | 2,061,027 | 2,214,369 | +229,978 | +153,342 |
| Missile Procurement, Army..... | 1,079,330 | 1,642,296 | 1,112,772 | +33,442 | -529,524 |
| Procurement of Weapons and Tracked Combat Vehicles, Army..... | 2,193,746 | 2,248,558 | 2,248,358 | +54,612 | -200 |
| Procurement of Ammunition, Army..... | 1,200,465 | 1,159,426 | 1,207,560 | +7,095 | +48,134 |
| Other Procurement, Army..... | 4,183,736 | 5,168,453 | 6,017,380 | +1,833,644 | +848,927 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Aircraft Procurement, Navy | 7,938,143 | 8,203,955 | 8,682,655 | +744,512 | +478,700 |
| Weapons Procurement, Navy | 1,429,592 | 1,832,617 | 2,384,617 | +955,025 | +552,000 |
| Procurement of Ammunition, Navy and Marine Corps | 461,399 | 1,015,152 | 1,167,130 | +705,731 | +151,978 |
| Shipbuilding and Conversion, Navy | 9,490,039 | 8,191,194 | 8,127,694 | -1,362,345 | -63,500 |
| Other Procurement, Navy | 4,270,976 | 4,347,024 | 4,631,299 | +360,323 | +284,275 |
| Procurement, Marine Corps | 995,442 | 1,288,383 | 1,369,383 | +373,941 | +81,000 |
| Aircraft Procurement, Air Force | 10,567,038 | 12,067,405 | 12,492,730 | +1,925,692 | +425,325 |
| Missile Procurement, Air Force | 2,989,524 | 3,575,162 | 3,185,439 | +195,915 | -389,723 |
| Procurement of Ammunition, Air Force | 866,644 | 1,133,864 | 1,290,764 | +424,120 | +156,900 |
| Other Procurement, Air Force | 8,085,863 | 10,523,946 | 10,622,660 | +2,536,797 | +98,714 |
| Procurement, Defense-Wide | 2,389,490 | 2,688,515 | 3,457,405 | +1,067,915 | +768,890 |
| National Guard and Reserve Equipment | 699,130 | --- | --- | -699,130 | --- |
| Defense Production Act Purchases | 40,000 | 73,057 | 73,057 | +33,057 | --- |
| Total, title III, Procurement | 60,864,948 | 67,220,034 | 70,285,272 | +9,420,324 | +3,065,238 |
| TITLE IV | | | | | |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION | | | | | |
| Research, Development, Test and Evaluation, Army 3/ | 7,106,074 | 6,820,333 | 7,447,160 | +341,086 | +626,827 |
| Research, Development, Test and Evaluation, Navy | 11,498,506 | 12,496,065 | 13,562,218 | +2,063,712 | +1,066,153 |
| Research, Development, Test and Evaluation, Air Force | 14,669,931 | 17,564,984 | 18,639,392 | +3,969,461 | +1,074,408 |
| Research, Development, Test and Evaluation, Defense-Wide | 15,415,275 | 16,598,863 | 17,863,462 | +2,448,187 | +1,264,599 |
| Operational Test and Evaluation, Defense | 231,855 | 222,054 | 242,054 | +10,199 | +20,000 |
| Total, title IV, Research, Development, Test and Evaluation | 48,921,641 | 53,702,299 | 57,754,286 | +8,832,645 | +4,051,987 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE V | | | | | |
| REVOLVING AND MANAGEMENT FUNDS | | | | | |
| Defense Working Capital Funds | 1,312,986 | 1,499,656 | 1,832,956 | +519,970 | +333,300 |
| National Defense Sealift Fund: Ready Reserve Force | 432,408 | 934,129 | 944,129 | +511,721 | +10,000 |
| Total, title V, Revolving and Management Funds | 1,745,394 | 2,433,785 | 2,777,085 | +1,031,691 | +343,300 |
| TITLE VI | | | | | |
| OTHER DEPARTMENT OF DEFENSE PROGRAMS | | | | | |
| Defense Health Program: | | | | | |
| Operation and maintenance | 17,659,475 | 14,234,041 | 13,916,791 | -3,742,684 | -317,250 |
| Procurement | 267,915 | 278,742 | 283,743 | +15,828 | +5,001 |
| Research and development | 463,804 | 67,214 | 400,214 | -63,590 | +333,000 |
| Total, Defense Health Program | 18,391,194 | 14,579,997 | 14,600,748 | -3,790,446 | +20,751 |
| Chemical Agents & Munitions Destruction, Army: | | | | | |
| Operation and maintenance | 739,020 | 974,238 | 974,238 | +235,218 | --- |
| Procurement | 164,158 | 213,278 | 213,278 | +49,120 | --- |
| Research, development, test and evaluation | 202,379 | 302,683 | 302,683 | +100,304 | --- |
| Total, Chemical Agents | 1,105,557 | 1,490,199 | 1,490,199 | +384,642 | --- |
| Drug Interdiction and Counter-Drug Activities, Defense | 842,581 | 848,907 | 859,907 | +17,326 | +11,000 |
| Office of the Inspector General | 152,021 | 157,165 | 157,165 | +5,144 | --- |
| Total, title VI, Other Department of Defense Programs | 20,491,353 | 17,076,268 | 17,108,019 | -3,383,334 | +31,751 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE VII | | | | | |
| RELATED AGENCIES | | | | | |
| Central Intelligence Agency Retirement and Disability System Fund | 212,000 | 212,000 | 212,000 | --- | --- |
| Intelligence Community Management Account | 160,429 | 147,754 | 162,254 | +1,825 | +14,500 |
| Transfer to Department of Justice | (42,752) | (34,100) | (34,100) | (-8,652) | --- |
| Payment to Kaho'olawe Island Conveyance, Remediation, and Environmental Restoration Fund | 67,500 | 25,000 | 25,000 | -42,500 | --- |
| National Security Education Trust Fund | 8,000 | 8,000 | 8,000 | --- | --- |
| Total, title VII, Related agencies | 447,929 | 392,754 | 407,254 | -40,675 | +14,500 |
| TITLE VIII | | | | | |
| GENERAL PROVISIONS | | | | | |
| Additional transfer authority (Sec. 8005) | (2,000,000) | (2,500,000) | (2,500,000) | (+500,000) | --- |
| Indian Financing Act incentives (Sec. 8021) | 8,000 | --- | 8,000 | --- | +8,000 |
| FFRDCs | -40,000 | --- | --- | +40,000 | --- |
| Disposal & lease of DOD real property (Sec. 8035) | 19,000 | 29,730 | 29,730 | +10,730 | --- |
| Overseas Mil Fac Invest Recovery (Sec. 8038) | 3,362 | --- | 1,000 | -2,362 | +1,000 |
| Rescissions (Sec. 8050) | -531,475 | --- | -192,932 | +338,543 | -192,932 |
| Excess Foreign Currency Cash Balance (Sec. 8082) | -240,000 | --- | -615,000 | -375,000 | -615,000 |
| Travel Cards (Sec. 8087) | 8,000 | 10,000 | 10,000 | +2,000 | --- |
| Defense Cooperation Account (Sec. 8109) | --- | 5,000 | 5,000 | +5,000 | --- |
| United Service Organizations | 8,500 | --- | --- | -8,500 | --- |
| Government Purchase Card (Sec. 8103) | -100,000 | --- | -97,000 | +3,000 | -97,000 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| National D-Day Museum | 4,250 | --- | --- | -4,250 | --- |
| American Red Cross | 3,500 | --- | --- | -3,500 | --- |
| Newmark | 8,500 | --- | --- | -8,500 | --- |
| Fisher House (Sec. 8099) | 1,700 | --- | 2,000 | +300 | +2,000 |
| Zero emission steam technology demo | 1,700 | --- | --- | -1,700 | --- |
| CAAS/Contract Growth (Sec. 8100) | -1,650,000 | --- | -51,000 | +1,599,000 | -51,000 |
| Utilities | -105,000 | --- | --- | +105,000 | --- |
| Tethered Aerostat Radar System | 3,000 | --- | --- | -3,000 | --- |
| Fairchild Air Force Base | 6,000 | --- | --- | -6,000 | --- |
| Army Acquisition Restructuring | -5,000 | --- | --- | +5,000 | --- |
| USS Alabama Museum Memorial | 4,200 | --- | --- | -4,200 | --- |
| Special Needs Learning Center | 3,500 | --- | --- | -3,500 | --- |
| Eisenhower Commission | 2,600 | --- | --- | -2,600 | --- |
| Travel cost growth | -262,000 | --- | --- | +262,000 | --- |
| Legislative liaison savings | -50,000 | --- | --- | +50,000 | --- |
| Reserve Component Incentive and Bonus programs | 10,000 | --- | --- | -10,000 | --- |
| Fort Des Moines Memorial Grant | 4,500 | --- | --- | -4,500 | --- |
| Clear Radar Upgrade | 8,000 | --- | --- | -8,000 | --- |
| Defense Counter-Terrorism Fellowship prog | 17,900 | --- | --- | -17,900 | --- |
| Padgett Thomas Barracks | 15,000 | --- | --- | -15,000 | --- |
| USS Intrepid Museum Memorial | 4,250 | --- | --- | -4,250 | --- |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Armed Forces Retirement Home | 5,200 | --- | --- | -5,200 | --- |
| Working Capital Funds Cash Balance (Sec.8112) | --- | --- | -470,000 | -470,000 | -470,000 |
| Working Capital Funds Excess Carryover (Sec. 8113) | --- | --- | -475,000 | -475,000 | -475,000 |
| Ctr for Mil Recruiting Assessment & Vet Emp(Sec. 8115) | --- | --- | 4,000 | +4,000 | +4,000 |
| Army Venture Capital Funds (Sec. 8105) | --- | --- | 17,000 | +17,000 | +17,000 |
| Total, title VIII, General Provisions | -2,832,813 | 44,730 | -1,824,202 | +1,008,611 | -1,868,932 |
| TITLE IX | | | | | |
| COUNTER-TERRORISM & DEFENSE AGAINST WEAPONS OF MASS DESTRUCTION | | | | | |
| Counter-Terrorism & Operational Response Transfer Fund | 478,000 | --- | --- | -478,000 | --- |
| Transfer to Department of Justice | (10,000) | --- | --- | (-10,000) | --- |
| Former Soviet Union Threat Reduction | 403,000 | --- | --- | -403,000 | --- |
| Total, title IX, Counter-terrorism and Defense Against Weapons of Mass Destruction | 881,000 | --- | --- | -881,000 | --- |
| Total for the bill (net) | 317,623,747 | 366,794,095 | 354,712,914 | +37,089,167 | -12,081,181 |
| OTHER APPROPRIATIONS | | | | | |
| Emergency Response Fund (P.L. 107-117) | 3,395,600 | --- | --- | -3,395,600 | --- |
| Net grand total (including other appropriations) | 321,019,347 | 366,794,095 | 354,712,914 | +33,693,567 | -12,081,181 |

## COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| CONGRESSIONAL BUDGET RECAP | | | | | |
| Scorekeeping adjustments: | | | | | |
| Stockpile collections (unappropriated) | -150,000 | --- | --- | +150,000 | --- |
| O&M, Army transfer to National Park Service: | | | | | |
| Defense function | -1,000 | --- | --- | +1,000 | --- |
| Nondefense function | 1,000 | --- | --- | -1,000 | --- |
| Disabled military retiree payments (mandatory) | 55,000 | 55,000 | 55,000 | --- | --- |
| Military personnel accounts (discretionary) | -55,000 | -55,000 | -55,000 | --- | --- |
| Total adjustments | -150,000 | --- | --- | +150,000 | --- |
| Adjusted total (incl scorekeeping adjustments) 4/ | 320,869,347 | 366,794,095 | 354,712,914 | +33,843,567 | -12,081,181 |
| Appropriations | (321,400,822) | (366,794,095) | (354,905,846) | (+33,505,024) | (-11,888,249) |
| Rescissions | (-531,475) | --- | (-192,932) | (+338,543) | (-192,932) |
| Total (including adjustments) | 320,869,347 | 366,794,095 | 354,712,914 | +33,843,567 | -12,081,181 |
| Amount in this bill | (321,019,347) | (366,794,095) | (354,712,914) | (+33,693,567) | (-12,081,181) |
| Scorekeeping adjustments | (-150,000) | --- | --- | (+150,000) | --- |

## COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003

(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| RECAPITULATION | | | | | |
| Title I - Military Personnel | 82,056,651 | 94,247,858 | 93,424,834 | +11,368,183 | -823,024 |
| Title II - Operation and Maintenance | 105,047,644 | 131,676,367 | 114,780,366 | +9,732,722 | -16,896,001 |
| Title III - Procurement | 60,864,948 | 67,220,034 | 70,285,272 | +9,420,324 | +3,065,238 |
| Title IV - Research, Development, Test and Evaluation | 48,921,641 | 53,702,299 | 57,754,286 | +8,832,645 | +4,051,987 |
| Title V - Revolving and Management Funds | 1,745,394 | 2,433,785 | 2,777,085 | +1,031,691 | +343,300 |
| Title VI - Other Department of Defense Programs | 20,491,353 | 17,076,268 | 17,108,019 | -3,383,334 | +31,751 |
| Title VII - Related agencies | 447,929 | 392,754 | 407,254 | -40,675 | +14,500 |
| Title VIII - General provisions (net) | -2,832,813 | 44,730 | -1,824,202 | +1,008,611 | -1,868,932 |
| Title IX - Counter-terrorism & Defense against Weapons of Mass Destruction (net) | 881,000 | --- | --- | -881,000 | --- |
| Total, Department of Defense (in this bill) | 317,623,747 | 366,794,095 | 354,712,914 | +37,089,167 | -12,081,181 |
| Other appropriations | 3,395,600 | --- | --- | -3,395,600 | --- |
| Total DoD funding available (net) | 321,019,347 | 366,794,095 | 354,712,914 | +33,693,567 | -12,081,181 |
| Scorekeeping adjustments | -150,000 | --- | --- | +150,000 | --- |
| Total mandatory and discretionary | 320,869,347 | 366,794,095 | 354,712,914 | +33,843,567 | -12,081,181 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| RECAP BY FUNCTION | | | | | |
| Mandatory | 267,000 | 267,000 | 267,000 | --- | --- |
| Discretionary: | | | | | |
| General purpose discretionary: | | | | | |
| Defense discretionary | 320,599,647 | 366,527,095 | 354,445,914 | +33,846,267 | -12,081,181 |
| Nondefense discretionary | 2,700 | --- | --- | -2,700 | --- |
| Total discretionary | 320,602,347 | 366,527,095 | 354,445,914 | +33,843,567 | -12,081,181 |
| Grand total, mandatory and discretionary | 320,869,347 | 366,794,095 | 354,712,914 | +33,843,567 | -12,081,181 |

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2002
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2003
(Amounts in Thousands)

| | FY 2002 Enacted | FY 2003 Request | Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|

Footnotes:

1. Budget amendment (H. Doc. 107-189) reduced Overseas Contingency Operations Transfer Fund by $2,632,000.
2. The FY 2003 budget request for the "Defense Emergency Response Fund" was reduced by $594,384,000 and transferred to Military Construction.
3. Budget Amendment (H. Doc. 107-219) terminated the Army's Crusader artillery program of $475,609,000 and reallocated these funds to other R&D, Army programs.
4. The fiscal year 2003 budget request was adjusted to not include $3,412,561,000, the proposed cost to cover the accrued costs related to retirement benefits of Civil Service Retirement System employees and retiree health benefits for all civilian employees.

## ADDITIONAL VIEWS OF HON. NORMAN D. DICKS

### CRISIS IN DEFENSE PROCUREMENT

With this bill, the committee achieved the best balance of meeting the full range of our defense obligations that it could given the top line constraints imposed by the Budget Committee and the Republican leadership. The committee's recommendation of $70,285,272,000 for defense procurement is an increase of $9,420,324,000 over the amount approved for fiscal year 2002, and it is an increase of $3,065,238,000 over the President's budget request. However, despite the committee's best efforts, it has not changed the fundamental fact that the Defense Department procurement budget is in crisis.

Numerous reputable studies performed in the last several years have affirmed this growing crisis. Even the most conservative analysis conducted by the Congressional Budget Office has found that the procurement budget needs to be increased to at least $94 billion in order to sustain the military force structure that has now been ratified in the Quadrennial Defense Review. Other credible outside studies have reached estimates of over $120 billion. DOD's own studies on procurement needs, performed by the individual Services and the Joint Chiefs of Staff, show a requirement for $100–$110 billion. The Navy has testified to Congress that it faces a procurement shortfall of $10 billion a year, and CBO estimates that including the Marine Corps this shortfall is $12 billion. The Air Force has told Congress of a shortfall of $14 billion, and the Army has a shortfall estimated by CBO at $5 billion a year.

The effects of this crisis are all too visible in the procurement programs and in the condition of military equipment and service maintenance budgets. The cost and length of individual procurement programs have reached absurdity as buy quantities are reduced to minimum levels driving up unit costs. Drawn out procurement programs mean that average equipment ages are increasing rapidly. The average age of Air Force aircraft has increased by 24% in the last decade. Navy aircraft average age has increased 21% since 1990. The average age of Army helicopters has increased 12% since 1990. These increases have occurred even as force structure is reduced and the oldest equipment is retired. Furthermore, the current rate of procurement of Navy ships will lead to a fleet of only 230 ships by 2030.

The impact on operation and maintenance budgets is severe. The number of maintenance hours required for each aircraft flying hour is skyrocketing. For example, the Air Force had a 293% increase in the number of maintenance hours per flying hour on the F–15E from 1992 to 1999. The Navy experienced a 227% increase in the number of maintenance hours per flying hour on the F–14 in the same period. The direct effect is a dramatic increase in the Air

Force budget for flying hours, more than 45% above inflation in the last five years. And the Navy's cost of Aviation Depot Level Repairables increased 68% between 1996 and 1999.

The President's proposed $48 billion increase for defense spending contained only a $7.6 billion increase for procurement. That means that despite the crisis in procurement spending, if the committee had accepted the President's budget recommendation, growth in procurement funds for fiscal year 2003 would have been slower than the growth in the overall defense budget. The fiscal year 2003 budget request follows the first Bush defense budget in which procurement was actually lower than the last defense budget of the Clinton Administration. Most important, the size of the shortfall in procurement funding is more than 4 times the increase proposed for procurement in the President's FY03 budget.

The credibility of studies by the Joint Chiefs of Staff, CBO and the other higher estimates are strongly reinforced by a consideration of the historical patterns of defense spending. The current budget for procurement is less than half what it was at the peak of the Reagan years in 1985 when considered in constant dollars. Operations and maintenance spending, on the other hand, now exceeds the peak of the Reagan years even though our military force structure is about one-third smaller. As a result, procurement, which was 25% of the defense budget in 1980 under President Carter, and 34% in 1985, is now only 19% of the budget. This historically low level is inadequate for sustaining our current force structure, let alone for transforming the military into a 21st Century fighting force.

There remains one more chance this year to begin addressing the crisis in procurement when the Department of Defense requests and the committee considers the $10 billion contingency fund for FY03. This fund must begin the process of modernizing our oldest military equipment. The longer we delay in facing up to this problem, the greater the cost of the solution and the more severe the crisis in both condition and quantity of the systems that we ask our military to use in our nation's defense. We owe it to our men and women in uniform and to the entire nation to step up to this crisis in procurement and commit ourselves to provide the sustained level of resources that will solve it.

NORM DICKS.

## ADDITIONAL VIEWS OF THE HONORABLE MARTIN OLAV SABO

While the bipartisan spirit with which the Committee has developed a wise and workable future Army artillery program gratifies me, I remain deeply concerned over the Defense Department's determination to terminate the Crusader next-generation artillery program.

Three Defense Secretaries, three Secretaries of the Army, and three Army Chiefs of Staff have testified before Congress that the lives of U.S. soldiers are at risk due to the Army's outdated artillery.

Twelve nations outrange the Army's existing Paladin artillery cannon, including the so-called "axis of evil." Twenty-eight nations are now developing artillery that will outperform the Paladin, which was first designed in the 1950s. Under the Administration's proposal to cancel Crusader, Paladin would continue in service until at least 2032—at which time its basic design will be 80 years old.

The Army has expressed deep concern that the Paladin chassis cannot perform for this long, or be modified satisfactorily to fire the precision munitions now being developed that the Administration places so much faith in. Further, the Paladin's lack of mobility and range is a handicap for the Army's transformation strategy based on speed and more widely dispersed forces.

The Crusader program was on track to give the U.S. one of the world's fastest and most accurate artillery systems in order to support and protect U.S. troops in battle. Its prototype gun and automatic reloading system has already fired over 6000 rounds in the Arizona desert demonstrating the capability of firing ten rounds a minute out to a range of 40 kilometers compared to 30 kilometers for Paladin.

When completed, Crusader would have moved twice as fast as Paladin, had three times its rate of fire, and sixty percent fewer crewmembers. At $10 million per system, Crusader would have cost less than one Blackhawk helicopter or two M1–A2 Abrams tank upgrades.

The Department's desire to terminate Crusader seems to stem from a view that artillery warfare is obsolete, and that air-delivered precision weapons and the development of new precision artillery shells to be fired by Paladin are adequate substitutes.

However, for certain artillery missions, such as suppression of enemy forces and denial of terrain, a high volume and rate of fire are more important than precision. Our soldiers also tell us of the limitations of close air support that have little to do with better precision—weather, timing, availability of aircraft, target identification, munitions loading and reloading, air-ground communications, smoke and confusion, imperfect intelligence and modern sur-

face to air missiles. The Army has argued convincingly that our soldiers still need cannons, like Crusader, to provide lifesaving close support on a minute's notice, 24 hours a day, in all weather.

In lieu of Crusader, the Department proposed to accelerate development of precision weapons such as Excalibur, NetFires, and Guided MLRS. However, that recommendation was not accompanied by thorough cost and capabilities analysis of these high-risk programs. To make matters worse, there is serious risk that relying solely on these alternatives would cost far more than Crusader, without providing equal capability.

In the case of Excalibur, the physics of putting sensitive guidance systems in an artillery shell are extremely challenging, and there is no guarantee that the technical hurdles can be overcome. Excalibur is currently projected to cost $220,000 per round for the first 9,000 rounds. The Guided MLRS is projected to cost between $55,000–$65,000 per round. These costs compare to about $250 to buy a standard 155mm high explosive artillery round. NetFires is still in a very early conceptual stage of development, and the projected per unit cost for its munitions is roughly $125,000.

Despite the breezy optimism we have heard that these technical risks and costs can be overcome, the Pentagon's record of fielding new technology on schedule and on budget is horrendous.

Recognizing the importance of maintaining a robust Army artillery development program, the Committee has worked hard to provide more money to accelerate and transfer the best elements of crusader artillery technology to Objective Force Artillery and Resupply systems for the Future Combat System program, while accelerating the development of a range of compatible precision munitions and related technologies.

Under this plan, the Army will develop and field, by 2008, a first-rate artillery system to protect U.S. combat troops. To achieve this goal in this short period, the Committee recognizes that more money and a strict program schedule will be required. In addition, it will be critical to retain the fine technical team that produce the artillery technology breakthroughs under the Crusader program.

It is my hope that the Department will join the Committee in promoting this Non-Line of Sight artillery solution as the best course to transform the Army and protect American soldiers in combat in the near term.

MARTIN O. SABO.

## ADDITIONAL VIEWS OF HON. NORMAN D. DICKS AND HON. CHET EDWARDS

### THE GAMBLE ON CRUSADER

The Administration's recent decision to terminate the Crusader artillery system is a decision fraught with risk. Risk that we hope will not end up costing soldiers' lives.

The Crusader self-propelled howitzer has been under development for the last eight years. This program is running under budget and on schedule with fielding of the first new howitzer set for 2008. The Crusader has been considered by the Army to be its highest priority acquisition program, because it would rectify the one glaring operational weakness that endangers the Army's battlefield success—heavy artillery support.

Currently, our Army is outgunned in heavy artillery by at least 12 different countries (including all 3 countries in the so-called "Axis of Evil")—a situation the Crusader would rectify. It is estimated that as many as 40 countries could soon have artillery systems that out-range the Army's current howitzer—the Paladin—and that 28 countries are developing artillery-delivered high precision munitions to complement these systems. Clearly, most other countries around the world plan on making high performance heavy artillery a mainstay of their military force for some time to come.

Last month, the Administration took the highly unusual step of deciding to cancel the Crusader program in the middle of the budget cycle. This action was taken without consultation with the Army's military leadership, and over their strong substantive objection. This decision will fundamentally alter the role that U.S. heavy artillery will play in future battles, yet we have seen very little evidence of any serious analytical effort to support this radical departure from the Army's accepted doctrine.

The Administration has essentially made a giant strategic bet on behalf of our land forces that the combination of future advances in precision cannon and rocket munitions (as distinguished from precision bombs and missiles) combined with hoped for perfection of real time target identification and selection technology (based on ubiquitous "24/7" all weather surveillance capabilities) will supplant the need to replace the Army's outdated Paladin howitzer with a system that shoots farther and faster.

This decision depends upon unproven technology and unproven tactics—betting that more traditional lethality and combat overmatch capabilities can be replaced by precision and speed. It is a decision that—as the Army's vaunted "Crusader talking points" said—"could put soldiers' lives at risk" if the Department's hypothetical assumptions about how and where future wars will be fought turn out to be wrong.

What is somewhat puzzling to us in that the Army's artillery upgrade plan that the Secretary of Defense has now rejected calls for improvements in both areas—lethality and precision. The Army's Crusader plan that was devised in the last Administration and endorsed in the first two Bush Administration budgets called for fielding the new world-class Crusader howitzer by 2008 giving the U.S. Army an artillery system that is operationally and technologically superior to any artillery system in the world. The second part of the Army's plan was to perfect and field the GPS-guided Excalibur projectile to shoot from the Crusader within 3 to 5 years after the Crusader was in the force. The combination of Crusader and Excalibur would give the Army a truly devastating capability to support its soldiers—combining unprecedented accuracy with vastly superior rate of fire and range.

The Army had a prudent and affordable plan that recognized the possibility that developing precision-guided cannon projectiles and rocket systems is a difficult task that may end up falling short of expectations. Contrary to popular wisdom, precision-guided cannon and rocket systems are not perfected yet. Shooting sensitive high-tech precision guidance systems out of cannons exerts several hundred times the G-forces exerted on air-delivered precision-guided bombs and missiles such as JDAM or Tomahawk, and the cost that contractors propose charging to overcome these factors is very high at the current time. For instance, the Army's published plans call for paying $222,000 per round for the first 9,417 Excalibur projectiles when and if they are perfected. This is 7 times greater than the Secretary of Defense' target price of $33,000 per round, and many experts question whether this target price will ever be achieved. It seems the Army had a very prudent plan—both from a warfighting perspective and from a development and cost risk perspective—that the Secretary of Defense summarily and unilaterally rejected.

So what is the Army left with under the Administration's new plan? In essence, the Army will be left with the outdated Paladin howitzer that sits on a 40-year-old chassis design that has already been upgraded six different times. The Paladin of the future will continue to shoot standard 155mm ammunition at low rates of fire and at substandard ranges as well as the new Excalibur precision projectile if it can be perfected, if the Paladin chassis can be shown to withstand the additional forces generated by firing this new round.

Whether the Excalibur works or not, the Administration now plans on keeping the Paladin in the force until 2032 when the Future Combat System will finally phase it out.

The Administration explains that the risk of keeping the Paladin is acceptable because the greater precision and range of Excalibur rounds and the projected availability of fire support systems such as Guided MLRS and air-delivered precision munitions can cover the existing indirect fire support shortfall. Aside from the issues of bad weather, responsiveness, and ability to support the close fight, this new plan discounts many of the traditional roles of artillery that depend upon volume of fire over accuracy—such as fire to suppress enemy attacks, and cover fire to protect friendly troop move-

ments or to protect sectors of a battlefield. Rate of fire is completely discounted as a priority under the new plan.

It does not overstate the case to say that Army military leaders do not support this plan—they see too much risk. While the Administration points to skirmishes in Afghanistan to support its bet on precision, many of our military leaders worry about the potential major battles that could erupt in Korea or other theaters where mechanized forces will determine the outcome. A high level Defense Department official echoed these exact concerns just 3 months ago when discussing the Crusader:

> Unless we want to have no new artillery facing North Korea's artillery, we need something. We have to remember, it's not just a matter or fighting on horseback with satellites and B–52s as we did in Afghanistan. We still face Kim Jung-II in North Korea. We still face Saddam Hussein in Iraq. We face others who use conventional weapons and the question then becomes do you want to modernize those or do you not.—Dov Zakheim, Comptroller, Department of Defense. Comments on The News House With Jim Lehrer March 18, 2002.

The Crusader decision also signals a troubling change of direction about how we will equip and fight our future force. Over the last several decades there has been a consensus that we should take maximum advantage of America's Scientific and technological strength to field military systems and devise military strategy and tactics to achieve decisive "combat overmatch" capabilities against any potential opponent. General Michael E. Ryan, former Air Force Chief of Staff, succinctly summed up the combat overmatch philosophy as follows:

> I'm not interested in fair fights. What I'm interested in is a 100 to nothing score, not 51–49.

This philosophy has proven its worth—not only does it save American lives on the battlefield, but it is an effective way to win the peace. Our vastly superior military capabilities cause potential adversaries to think twice before confronting us or our allies militarily, which contributes significantly to world peace and stability. This was not always the case, and we must continue to work at keeping this edge.

Of all the military services, it is perhaps most important for the Army to continue with the philosophy of "combat overmatch" through superior technology. Unlike the Air Force and the Navy, we have a small Army compared to other countries. Currently, eight other armies in the world outnumber our Army. We make up for this with superior people, superior leadership, and superior technology, but numbers still matter if we let our technological edge slip.

It is disturbing that the Defense Department seems willing to rest on the laurels of past administrations and go back to a philosophy of "just enough," The Crusader would provide US military personnel with the best technology in the world that meets a know deficiency of a military service that American industry has shown it can deliver on time and on budget. The Crusader system is a

state-of-the-art heavy artillery system that has already produced 7 new patents from its new technology. Over 6,000 test rounds have already been fired and the system is meeting or exceeding range, rate-of-fire, and reliability requirements by all accounts.

It is simply hard to understand why a system that meets the biggest Army warfighting deficiency is being scrapped.

If the President persists in demanding the termination of the Crusader, the weaknesses of the outdated Paladin (with or without the Excalibur projectile) make it imperative that we expedite the development and fielding of the Objective Force next generation artillery system. American soldiers do not deserve to continue to endure the risks of substandard artillery support. This deficiency must be eliminated as quickly as possible.

We therefore support the Committee position of adding $173 million to the $195 million budget request for development of the Objective Force artillery system in order to field a new system by 2008. This would accelerate the Army's old schedule by four to six years. This acceleration is possible only if the Army uses the existing Crusader engineering team and leverages the technology advances garnered with the Army's $2 billion investment that has already been spent on Crusader development.

Following are some of the detailed answers received from DOD to our specific questions on the Crusader that have been raised in the course of this debate.

1. How does the Crusader compare to other top foreign systems? Why don't we simply buy one of those systems?

A comparison of the most advanced artillery systems in the global marketplace available to our allies shows why the Army believes the Crusader is a superior artillery system. The Crusader delivers more firepower is more mobile, protects its crew better weighs less, uses fewer crewmembers, and is the only system that can be fully networked on the battlefield.

COMPARISON OF MODERN SELF-PROPELLED HOWITZERS

| | Crusader (U.S.) | Paladin (U.S.) | G6 (S. Africa) | AS90 (U.K.) | PzH2000 (Germany) |
|---|---|---|---|---|---|
| Max Range (km)* | 40 | 30 | 30 | 37.4 | 37.4 |
| Max Rate of Fire* | 10 to 12/Minute. Indefinitely. | 4/minute for 3 | 3/minute | 6/minute for 3 | 6–8 minute for 3 |
| Crew Size (howitzer + resupply veh). | 3 + 3 | 4 + 4 | 6+resupply crew | 5+resupply crew | 5+resupply crew |
| Curb Wt. (ton) | 40 | 27 | 52 | 46.3 | 54+ |
| Combat Wt. (ton) | 50 | 32 | 55.6 | 50.7 | 60.3 |
| Horsepower | 1500 | 440 | 520 | 660 | 991 |
| Projectile Qty. | 48 | 39 | 45 | 58 | 60 |
| Accuracy | 96m @ 30km | 232m@30km | Unknown | 246m@30km | 200m@km |
| Simultaneous rounds on target (MRSI Capability). | 4–10 rounds | N/A | Unknown | Unknown | 2–6 rounds |
| Highway Speed (km/hr)* | 67 | 60 | 85 | 52 | 62.5 |
| X-Country Speed (km/hr)* | 48 | 27 | 30 | 25 | 45 |
| NBC Macro Protection | Yes | No | No | No | No |
| Resupply Vehicle | Yes/Automated | Yes/Manual | No | No | No |
| U.S. Command & Control | Yes | Yes/Not All | No | No | No |

Notes:
1. G6 is a South African howitzer, AS90 is from the United Kingdom, and PzH2000 is German.
2. * Indicates a key performance parameter (KPP). An additional KPP is the ability to automatically transfer 48 rounds from the resupply vehicle to the howitzer within 10.4 minutes, including maneuver time to link the vehicles—no other system can meet this requirement.
3. CEP is circular error probability.
4. MRSI is multiple round simultaneous impact capability.
5. NBC is nuclear (radiological), biological warfare, and chemical warfare crew protection.
Maximum Rate of Fire is at all deflections and quadrants using all projectile and fuse combinations.

2. How Much Does Crusader Cost?

A two-vehicle Crusader system (howitzer and resupply vehicle) could be procured for about $10.01 million (recurring production costs, FY 01 constant dollars) which is about 70% of the cost of one Army Blackhawk helicopter. In budget terms, the total procurement cost of $7 billion for 480 systems (another $4 billion is for development) is substantial in and of itself, but in terms of the total Defense budget the Army's planned average appropriation level of about $1 billion per year represents about one percent of the Army's annual budget, and about 3 tenths of one percent of the annual Defense Department budget. The total cost of the entire Crusader procurement is less than one year's worth of research for the missile defense program.

3. How much are the new Excalibur and guided MLRS munitions expected to cost, and how does that compare to standard 155mm ammunition?

*Excalibur*. The latest February 12, 2002 Army estimate pegged the future Excalibur program acquisition cost for the first 9,417 unitary projectiles at $222,000 per round, or a total cost of $2.1 billion. The Army could purchase nearly half of the entire Crusader fleet (209 out of 480 systems) for the cost of the first 10,000 rounds of Excalibur ammunition. The Administration's target unit cost for Excalibur unitary is $33,000 per round for 200,000 rounds, a sevenfold decrease compared to the current price, for a total cost of $6.6 billion. In addition, the Administration plans on buying an additional 40,264 Excalibur senior-fused (infra-red sensing skeet bomblets) projectiles at $96,000 per round, for a total cost of $3.9 billion. The past Army track record in precision/smart munitions programs (SADARM, MSTAR, BAT, WAM, Copperhead) does not support this cost reduction assumption. But assuming the Army can attain these "best cost" estimates, the cost of the first 200,000 rounds of Excalibur unitary and 40,000 rounds of Excalibur sensor-fused projectiles would cost $10.5 billion, more than one and half times the total cost of the Crusader procurement ($7 billion). If the $33,000 "best cost" estimate for Excalibur unitary cannot be reached and the price can be reduced by only 50% to say, $100,000 per round, the total cost for Excalibur unitary projectiles skyrockets to over $20 billion in order to attain the Army's initial 200,000-unit inventory objective. In any case, it would require annual appropriations of well over $1 billion per year in order to finance the Excalibur production rate efficiencies used as the basis for the target cost estimate—something that is unprecedented for one type of round of Army ammunition. It is also expected that the Army Excalibur inventory objective over time would increase well above 200,000 units.

*Guided MLRS*. The latest Army estimates peg the expected cost of Guided MLRS unitary rockets at $65,000 per unit. Assuming that the Army would fire a minimum of two rockets per target, the cheapest "kill" cost for a truck or a tank using guided MLRS would be $130,000. Each salvo of 12 MLRS rockets would cost $780,000 for unitary warheads (equivalent to the cost of 3,250 155mm projectiles).

*Non-precision 155mm HE ammunition.* The Army's most recent purchase of M107 HE 155mm projectiles was $240 per round for 155,000 rounds. M795 HE rounds are estimated to cost between $500 and $770 per round.

*Inventory.* The Army has an inventory of over 4.2 million 155mm HE rounds already paid for. There are no Excalibur projectiles or Guided MLRS rockets in the current inventory.

4. The Army has the best tank, the best infantry fighting vehicle, and the best attack helicopter in the world. Why has the Army operated so long with an inferior heavy artillery system?

During the late 1970's and 1980's the Army introduced new families of fighting systems that included the Abrams tank, Bradley fighting vehicle, air defense systems and helicopters such as Apache and Blackhawk. Due to fiscal constraints and diverging priorities in the mid 80's, the field artillery was forced to skip a generation of cannon modernization.

During that time period, the Army developed the Multiple Launch Rocket System (MLRS) to satisfy its deficiency in deep attack and Paladin was developed as an interim solution for its cannon deficiencies. Consequently, Paladin was a simple product improvement to the old M 109 that lacked mobility, lethality, and survivability. Because if the limitations of the chassis, Paladin lacks the potential or significant product improvement.

5. Can indirect cannon fire support missions be accomplished by greater investment in other systems—aircraft, missiles, and rockets?

U.S. ground forces have traditionally required a mix of rocket, missile and cannon systems to meet their fire support requirements. Cannons have historically provided close support to the maneuver arms on a 24-hour all weather basis. Although the unique characteristics that made cannon systems ideal for this mission are becoming less distinct as the capabilities of precision and smart munitions are improved, several distinct characteristics are like to remain.

*Flexibility and responsiveness.* Flexibility and responsiveness are probably the cannon's hallmark. The close combat environment demands the ability to rapidly accommodate change. Cannon systems are more responsive to rapidly changing battle conditions because they carry a readily available quantity and variety of munitions and can rapidly change from on type of munition to another as required. Cannons reload by individual rounds vice pods for rockets/missiles. Rocket/missile pods can only accommodate one type of munition at a time. Often, the type of rocket/missile pod loaded may not be the optimum munition required for the specific target. Fires and effects coordinators then face what can be a dilemma. They must either search for launchers loaded with the correct munition, fire the launcher loaded with the less than optimum munition, or direct reload. Launcher reload operations can take approximately 7–20 minutes, making them less than ideal in a time critical situation. Aircraft carry limited amounts and types of munitions and must land to reconfigure or replenish their load. Aircraft reload cycles are generally much longer than missile and rocket systems. Army data indicated that a Crusader battalion could pro-

vide 130 tons of munitions in one hour, and 900 rounds in close support before the first aircraft sorties arrives on station.

*Continuous Fires.* Cannon systems are more capable of providing continuous fires (fires without gaps over a period of time) than are rocket/missile launchers and aircraft. With an actively cooled cannon, and fully automated rearm and resupply provided by Crusader resupply vehicles, the capability to provide continuous fires is greatly enhanced. Cannons have the capability to shift from target to target quickly—a matter of seconds in many cases. While launches do well in providing massed fires, there can often experience unacceptable gaps for reloading operation in sustaining fires.

*Employment in Proximity to Friendly Forces.* Providing fires in close proximity to friendly forces is an essential fire support task in the close fight. The minimum safe distance as measured by bursting radius is considerably smaller for cannons compared to existing rocket/missile systems. Final protective fires and "danger close" missions end up placing fires extremely close to friendly forces. The smaller bursting radius of cannon munitions enables the "echelonment of fires" whereby the infantry uses a succession of cannon and mortar systems interchangeably to maximize the coverage of fires until they must be shifted or lifted.Close fires require accuracy, responsiveness, timely delivery, and "controlled" (or limited) effects (burst radius), to reduce risk to supported forces. Cannon artillery can be employed much closer to our forces and is an absolute necessity in the close support role since it can be employed in all weather, in all terrain, day or night. Weather can severely hamper close air support. For instance, during the Kosovo air campaign, 56% of sorties were aborted due to weather. Of those sorties executed, 33% were adversely affected by weather, resulting in less than half of the targets being effectively engaged.

*Sustainability.* Accordingly to the Army, the logistical footprint for cannons is generally smaller than for rocket/missile launchers based on ammunition weight and cube size.

*Cost of Munitions.* Cannon munitions have historically been less expensive than rockets or missiles on a per-unit cost basis, and they provide a larger family of munitions to select from the deal with battlefield dynamics. Compared to the expected range of cost for new precision guided cannon and rocket munitions, the cost per round of non-precision 155mm cannon projectiles is cheaper on the order of 140–925 to one (see #3 above).

6. Will there be a void in indirect fire support with out Crusader?

Possibly. According to the requirement that was developed by the Army and approved by the Joint Requirements Council of the Joint Chiefs of Staff, the Paladin was judged to be not mobile enough to keep up with our mechanized force in a maneuver-dominated fight. The Army is also concerned that the Paladin's range and rate-of-fire limitations prevent it from providing the required counter-fire "umbrella" for our forces. In addition to the significant increase in mobility, range, and rate-of-fire, Crusader provides the responsive, continuous fires and mobility required for fast moving close combat operations. Its automated ammunition handling and resupply system combined with an actively cooled cannon provide accurate sustained fires where needed in the required volume. Crusader interoperability with Joint and all Army command and control networks

assures that effects are delivered when needed; providing direct link capability to any platform on the battlefield.

7. How old is Paladin and how much longer would it need to be in the force if Crusader is cancelled? Can Paladin be upgraded to meet many of the Crusader requirements?

The M109 series howitzer design began in the mid-1950s and entered service in 1961. Paladin is the sixth modification to the M109 design—no Paladins are new howitzers. While maintaining virtually the same chassis, engine, transmission, and basic suspension, the Paladin's weight has grown by one third from 24 tons to 32 tons. The armament system has grown from a 24 caliber cannon with a range of 14 kilometers to a 39 caliber cannon with a range of 30 kilometers.

The Crusader was planned to remain in the force beyond 2032. If Crusader is not available and the M109 series howitzer must be continued in its place, it is probable that it too would be in the field in 2032. This would mean that the M109 series howitzer would be in the field 70 years after it initially entered service. The soldiers in 2030 could be fighting with the same howitzer used by their great grandfathers.

The Army evaluated the prospect of improving Paladin during the Cost and Operational Effectiveness Analysis completed for Crusader's Milestone 1 decision and the Congressional report delivered in December 2000. The analysis shows that to attain Crusader's rate-of fire (10–12 RPM), cross country mobility (39–48 KPH) and firing range (40–50 KM), Paladin would require an automated ammunition handling system, increased horsepower, improved suspension, and a cooled 56 caliber cannon. Paladin lacks sufficient growth capacity in the chassis to allow these improvements. To strengthen the chassis to withstand these stresses would require replacing or significant design changes in the hull structure, hydraulics, engine, transmission and suspension sub-systems.

8. Is Crusader rate of fire oversold because it can't be resupplied at high enough rates? What is the logistical plan to resupply Crusader during maximum rates of fire?

Ammunition resupply has been an issue that has plagued artilleryman for years. Because Crusader has a fully automated resupply system, it allows a 300% improvement in resupply operations. The key to successfully achieving this new resupply requirement will be the fielding of fully automated resupply vehicles (RSVs) that can rearm a Crusader howitzer with 48 rounds and refuel it in 10 minutes—a 50% improvement. One technique employs two resupply vehicles (RSV's) per howitzer battery in the vicinity of the firing area to conduct rearming and refueling, two RSVs in hide areas with full loads of ammunition, and two RSVs uploading at the Logistics Resupply Point. Other methods may be employed, depending on the individual tactical situation, and considerations of distances that have to be traveled between the locations. The introduction of the wheeled RSV gives the commander enhanced flexibility to conduct resupply operations depending on the threat. For example, when facing a high counter fire threat, the commander could deploy the tracked resupply vehicles forward providing maximum protection for the crew while using the wheeled vehicles to upload and transport ammunition in the less vulnerable rear posi-

tions and transfer the ammunition to the tracked carriers. In a law counter fire threat, the commander could also deploy the wheeled vehicles forward maximizing through put of ammunition. The automatic resupply and cannon autoloader capability is a major technological leap forward for the Army, which has never had this capability before.

9. What force structure was sacrificed in anticipation of fielding Crusader? Will structure be added back if Crusader is terminated? What will that cost?

In anticipation of the increased firepower and productivity of the Crusader system, the Army reduced force structure in both maneuver and fire support units by 25 percent in the mid-1990s. The Army reduced Paladin and all other cannon battalions from three batteries of eight howitzers (3x8) to three batteries of six howitzers (3x6). MLRS battalions were also reduced to 3 batteries of 6 launchers each (down from 8 or 9 launchers each). at the same time, Army tactics were changed to take full advantage of the speed of its tanks, Bradley fighting vehicles, the Crusader, and other situation awareness capabilities, increasing the planned battle space for Army forces by over 200 percent. Termination of the Crusader will necessitate a reexamination of Army force structure, tactics, techniques, and procedures.

10. What are remaining development and cost risks of the Crusader?

The Army has testified that it rates the Crusader program a moderate to low risk for technical performance, cost, and schedule. The software build for Crusader is on schedule and within cost estimates. The range and rate-of-fire key performance parameters are being demonstrated with the first prototype vehicle at Yuma Proving Grounds and the resupply and mobility are on schedule for demonstration in 2002. Over 6,000 test firings have shown the Crusader to be 142% more accurate to date than Paladin. Accuracy improvements come from:

A new projectile tracking system that removes meteorological errors;

Percision pointing with electric drives;

Thermal management

Muzzle velocity management;

On-board projectile weighting;

Inertial reference unit coupled to GPS to null out position errors.

The program has been focusing significant effort on building the reliability of the system in order to remove soldiers from the technical and manual operational aspect of fighting a weapon system.

11. How much does the Crusader weigh and what can carry it?

The Crusader howitzer was redesigned several years ago to reduce its weight from 60 tons to 40 tons. Under the Army's current plan, Crusader artillery would be either prepositioned or moved by sea as part of a counterattack corps. If needed, Crusader systems could be airlifted on C–17 or C–5B aircraft. Deployments by airlift would most likely entail a battery of 3 Crusader systems to meet special contingencies. Crusader airlift ranges would be:

| | *Nautical Miles* |
|---|---|
| C–17: | |
| 2 howitzers (84 tons) | 2,276 |
| 1 howitzer and 1 resupply vehicle (w) (73 tons) | 2,782 |
| C–5B: | |
| 2 howitzers (84 tons) | 3,200 |
| 1 howitzer and 1 resupply vehicle (w) (73 tons) | 3,500 |

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