

**TITLE III
PROCUREMENT**

Funds appropriated under this title provide the resources required to purchase military equipment and hardware, including aircraft, ships, missiles, combat vehicles, ammunition, weapons, electronic sensors and communications equipment, and other procurement items.

The President's fiscal year 2018 budget requests a total of \$113,931,877,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$124,322,846,000 for fiscal year 2018. This is \$10,390,969,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2018 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

Account	2018 budget estimate	Committee recommendation	Change from budget estimate
Procurement:			
Aircraft Procurement, Army	4,149,894	5,085,303	+ 935,409
Missile Procurement, Army	2,519,054	2,846,053	+ 326,999
Procurement of Weapons and Tracked Combat Vehicles, Army	2,423,608	3,439,391	+ 1,015,783
Procurement of Ammunition, Army	1,879,283	2,403,384	+ 524,101
Other Procurement, Army	6,469,331	7,814,263	+ 1,344,932
Aircraft Procurement, Navy	14,956,235	18,416,079	+ 3,459,844
Weapons Procurement, Navy	3,420,107	3,393,458	- 26,649
Procurement of Ammunition, Navy and Marine Corps	792,345	817,495	+ 25,150
Shipbuilding and Conversion, Navy	20,403,607	21,816,923	+ 1,413,316
Other Procurement, Navy	7,902,864	8,115,384	+ 212,520
Procurement, Marine Corps	2,064,825	2,093,749	+ 28,924
Aircraft Procurement, Air Force	15,430,849	16,189,022	+ 758,173
Missile Procurement, Air Force	2,296,182	2,238,828	- 57,354
Space Procurement, Air Force	3,370,775	3,095,995	- 274,780
Procurement of Ammunition, Air Force	1,376,602	1,318,602	- 58,000
Other Procurement, Air Force	19,603,497	20,334,550	+ 731,053
Procurement, Defense-Wide	4,835,418	4,866,966	+ 31,548
Defense Production Act Purchases	37,401	37,401	.....
Total	113,931,877	124,322,846	+ 10,390,969

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense appropriations bill for fiscal year 2008 (House Report 110-279). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for

procurement and \$10,000,000 for research, development, test and evaluation.

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

PROCUREMENT OVERVIEW

Missile Budgeting.—The Army and Marine Corps procure weapons including Guided Multiple Launch Rockets, Tube-Launched, Optically-Tracked, Wireless-guided missiles, and Javelin missiles, via Army contracts. The Committee is concerned that Army acquisition and contracting methodologies, which varies from one munition to another, preclude both services from achieving efficient resource management. By relying on Undefinitized Contract Actions [UCA] the Army cannot be certain of the quantity of missiles it will procure or the unit costs of those missiles in a given fiscal year. Army and Marine Corps budget justification materials for programs that have been budgeted for years under a UCA reflect these uncertainties. The Committee relies on the services to provide accurate program projections and cost estimates for its weapons procurements. The Army and Marine Corps' lack of visibility into their own procurement process results from regularly operating under continuing resolution authority, relying on undefinitized contracts, and applying differing cost models when preparing budget submissions, despite the fact that they buy the same weapons on the same contracts. The Committee directs the Secretaries of the Army and Navy to submit a joint report to the congressional defense committees not later than 120 days after the enactment of this act outlining the collaborative activities, procedures, and policies they intend to adopt to reduce the use of undefinitized missile and rocket contracts and reduce service inconsistency in missile and rocket procurement cost estimating.

Army Organic Industrial Base.—The Committee directs the Secretary of the Army to provide 45-day written notification to the congressional defense committees prior to the Secretary approving civilian reductions in force that will result in an employment loss of 50 or more full-time employees at any Army organic industrial base facility. The notification shall include the impact that the pro-

posed reduction in force will have on the ability to maintain the organic industrial base critical manufacturing capabilities as delineated in the Army Organic Industrial Base Strategy Report, a detailed accounting of the costs of implementing the reduction in force, and an assessment of the cost of, and time necessary, to restore any lost capability to meet future organic wartime manufacturing needs.

Arsenal Sustainment Initiative.—The Committee supports the ongoing efforts of the Department of the Army to develop the Army Organic Industrial Base Strategy. This process is identifying manufacturing capabilities at each organic industrial facility that are critical for the country to sustain in wartime and peacetime if the U.S. military is called to act. However, the Committee is concerned that while the Army Organic Industrial Base Strategy is identifying capabilities, it has not prioritized them in annual budget requests to Congress. In particular, the Nation’s arsenals are at risk of not having the capacity to respond rapidly to meet the Department’s needs. Addressing this concern, the Army in comments provided to the Government Accountability Office [GAO] in advance of its December 2015 report, *Actions Needed to Identify and Sustain Critical Capabilities*, the Army concurred with the GAO’s recommendation that it must issue “clear and detailed implementation guidance, such as an instruction or guidebook, on the process for conducting make-or-buy analysis in a consistent manner.” The Committee directs the Secretary of the Army to issue such guidance as soon as possible. The Committee further directs the Secretary to assign the arsenals sufficient workload to maintain the critical capabilities identified in the Army Organic Industrial Base Strategy Report and ensure cost efficiency and technical competence in peacetime, while preserving the ability to provide an effective and timely response to mobilizations, national defense contingency situations, and other emergency requirements. Finally, the Committee notes that it has not yet received detailed recommendations from the Secretary of Defense on how the Air Force, Navy, and Marine Corps can better use the arsenals for their manufacturing needs, or what opportunities may exist for the arsenals to assist the services and the Defense Logistics Agency to procure for our spare parts inventory, as required by Senate Report 114–63.

Buy American Compliance.—The Committee is concerned with two separate Inspector General reports, required by the National Defense Authorization Act for Fiscal Year 2014, that found both the Air Force and Navy were not in compliance with the Buy American Act and Berry Amendment. Ensuring appropriate domestic source requirements are included in contracts and strict adherence to these requirements are vital to the health of the Defense industrial base. Therefore, the Committee encourages the Secretary of Defense to dedicate resources to expand training and ensure compliance with the Buy American and Berry Amendment.

Shade Evaluation.—The Committee recognizes that the Defense Logistics Agency [DLA] currently employs a visual test methodology in its shade evaluation process for military uniforms. The Committee encourages the Director, DLA to identify and leverage alternative methodologies for shade evaluation of Non-Shade Crit-

ical uniform fabrics in an effort to standardize shade specifications, objectively measure shade readings, and promote a more robust clothing and textiles manufacturing base.

Standard Missile Program Inventory and Acquisition Objectives.—In fiscal year 2017, in Senate Report 114–263 and in House Report 114–577, the Director, Missile Defense Agency, in coordination with the Assistant Secretary of the Navy (Research, Development and Acquisition), was directed to provide to the congressional defense committees an acquisition objective for the SM–3 Block IB and Block IIA missile programs. The Committee has reviewed the report and finds it unnecessarily vague and not helpful in determining overall program requirements and acquisition strategies, managing the industrial base or controlling costs.

The Committee understands that the Department of Defense is considering a multiyear procurement proposal for certain variants of the Standard Missile family, and believes that understanding inventory and acquisition objectives for all Standard Missile variants should be part of any such consideration. Therefore, the Committee directs the Director, Missile Defense Agency, in coordination with the Deputy Chief of Naval Operations for Warfare Systems, to provide with the fiscal year 2019 President’s budget submission an unclassified report with a classified annex detailing inventory and acquisition objectives for all elements of the Standard Missile portfolio by variant. Further, the Under Secretary of Defense (Comptroller), in coordination with the Missile Defense Agency Director for Operations and the Assistant Secretary of the Navy (Financial Management and Comptroller), is directed to certify in writing to the congressional defense committees that the fiscal year 2019 President’s budget program submission fully funds Standard Missile requirements in support of inventory and acquisition objectives identified in the aforementioned report.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2017	\$4,587,598,000
Budget estimate, 2018	4,149,894,000
Committee recommendation	5,085,303,000

The Committee recommends an appropriation of \$5,085,303,000. This is \$935,409,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT						
	FIXED WING						
2	UTILITY F/W CARGO AIRCRAFT	4	75,115	4	75,115		
4	MQ-1 UAV	2	30,206	6	69,006	+4	+38,800
	ROTARY						
6	UH-72 LAKOTA LIGHT UTILITY HELICOPTER	13	108,383	24	198,383	+11	+90,000
7	AH-64 APACHE BLOCK IIIA REMAN	48	725,976	48	695,376		-30,600
8	AH-64 APACHE BLOCK IIIA REMAN [AP-CY]		170,910		170,910		
9	AH-64 APACHE BLOCK IIIB NEW BUILD	13	374,100	22	682,800	+9	+308,700
10	AH-64 APACHE BLOCK IIIB NEW BUILD [AP-CY]		71,900				-71,900
11	UH-60 BLACKHAWK (MYP)	48	938,308	56	1,078,408	+8	+140,100
12	UH-60 BLACKHAWK (MYP) [AP-CY]		86,295		86,295		
13	UH-60 BLACKHAWK A AND L MODELS	36	76,516	39	93,216	+3	+16,700
14	CH-47 HELICOPTER	2	202,576	6	449,076	+4	+246,500
15	CH-47 HELICOPTER [AP-CY]		17,820		13,320		-4,500
	TOTAL, AIRCRAFT		2,878,105		3,611,905		+733,800
	MODIFICATION OF AIRCRAFT						
17	MQ-1 PAYLOAD—JAS		5,910		19,110		+13,200
18	UNIVERSAL GROUND CONTROL EQUIPMENT		15,000		15,000		
19	GRAY EAGLE MODS2		74,291		74,291		
20	MULTI SENSOR ABN RECON (MIP)		68,812		68,812		
21	AH-64 MODS		238,141		238,141		
22	CH-47 CARGO HELICOPTER MODS		20,166		22,366		+2,200
23	GRCS SEMA MODS (MIP)		5,514		5,514		
24	ARL SEMA MODS (MIP)		11,650		11,650		
25	EMARSS SEMA MODS (MIP)		15,279		15,279		
26	UTILITY/CARGO AIRPLANE MODS		57,737		57,737		
27	UTILITY HELICOPTER MODS		5,900		40,709		+34,809
28	NETWORK AND MISSION PLAN		142,102		132,402		-9,700
29	COMMS, NAV SURVEILLANCE		166,050		150,650		-15,400

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
30	GAIM ROLLUP		37,403		37,403		
31	RQ-7 UAV MODS		83,160		194,160		+ 111,000
32	UAS MODS		26,109		26,109		
	TOTAL, MODIFICATION OF AIRCRAFT		973,224		1,109,333		+ 136,109
	SUPPORT EQUIPMENT AND FACILITIES						
	GROUND SUPPORT AVIONICS						
33	AIRCRAFT SURVIVABILITY EQUIPMENT		70,913		70,913		
34	SURVIVABILITY CM		5,884		5,884		
35	CMWS		26,825		57,725		+ 30,900
36	COMMON INFRARED COUNTERMEASURES		6,337		37,237		+ 30,900
	OTHER SUPPORT						
37	AVIONICS SUPPORT EQUIPMENT		7,038		7,038		
38	COMMON GROUND EQUIPMENT		47,404		47,404		
39	AIRCREW INTEGRATED SYSTEMS		47,066		59,166		+ 12,100
40	AIR TRAFFIC CONTROL		83,790		75,390		- 8,400
41	INDUSTRIAL FACILITIES		1,397		1,397		
42	LAUNCHER, 2.75 ROCKET		1,911		1,911		
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES		298,565		364,065		+ 65,500
	TOTAL, AIRCRAFT PROCUREMENT, ARMY		4,149,894		5,085,303		+ 935,409

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
4	MQ-1 UAV	30,206	69,006	+ 38,800
	Program increase: Extended Range-Improved Gray Eagle air vehicles			+ 38,800
5	Helicopter, Light Utility [LUH]	108,383	198,383	+ 90,000
	Program increase			+ 90,000
6	AH-64 Apache Block IIIA Reman	725,976	695,376	- 30,600
	Improving funds management: Excess government furnished equipment and support costs			- 30,600
8	AH-64 Apache Block IIIB New Build	374,100	682,800	+ 308,700
	Program increase: Nine new build AH-64E aircraft			+ 308,700
9	AH-64 Apache Block IIIB New Build-AP	71,900		- 71,900
	Maintain program affordability: Excess advance procurement			- 71,900
10	UH-60 Blackhawk M Model (MYP)	938,308	1,078,408	+ 140,100
	Program increase: Additional aircraft for the Army National Guard			+ 108,000
	Program increase: UH-60M Engineering change proposals for production line modification			+ 62,000
	Maintain program affordability: Excess tooling			- 9,500
	Maintain program affordability: Excess training equipment			- 20,400
12	UH-60 Black Hawk A and L Models	76,516	93,216	+ 16,700
	Program increase: Three additional UH-60V aircraft			+ 16,700
13	CH-47 Helicopter	202,576	449,076	+ 246,500
	Program increase: Four new build MH-47G aircraft			+ 246,500
14	CH-47 Helicopter-AP	17,820	13,320	- 4,500
	Maintain program affordability: Excess advance procurement			- 4,500
15	MQ-1 Payload (MIP)	5,910	19,110	+ 13,200
	Program increase: Common sensor payloads			+ 13,200
20	CH-47 Cargo Helicopter Mods (MYP)	20,166	22,366	+ 2,200
	Program increase: Safety, obsolescence, weight reduction, and maintenance requirements			+ 2,200
25	Utility Helicopter Mods	5,900	40,709	+ 34,809
	Program increase: Aircraft survivability, protection, and safety requirements			+ 34,809
26	Network and Mission Plan	142,102	132,402	- 9,700
	Restoring acquisition accountability: Improved data modem unit cost growth			- 3,700
	Maintain program affordability: Fielding and training unjustified growth			- 6,000
27	Comms, Nav Surveillance	166,050	150,650	- 15,400
	Restoring acquisition accountability: ARC-231 radio set unit cost growth			- 15,400
29	RQ-7 UAV MODS	83,160	194,160	+ 111,000
	Program increase: Five Shadow V2 BLK III systems and recap of six USMC Shadow Systems			+ 111,000
33	CMWS	26,825	57,725	+ 30,900
	Program increase: B-kits to detect enemy MANPADS			+ 30,900
34	Common Infrared Countermeasures [CIRCM]	6,337	37,237	+ 30,900
	Program increase: B-kits			+ 30,900
37	Aircrew Integrated Systems	47,066	59,166	+ 12,100
	Program increase: Aircrew restraint tethers-UH-60 and CH-47 aircraft			+ 12,100
38	Air Traffic Control	83,790	75,390	- 8,400
	Insufficient budget justification			- 8,400

MISSILE PROCUREMENT, ARMY

Appropriations, 2017	\$1,533,804,000
Budget estimate, 2018	2,519,054,000
Committee recommendation	2,846,053,000

The Committee recommends an appropriation of \$2,846,053,000. This is \$326,999,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER MISSILES						
	MISSILE PROCUREMENT, ARMY						
	SURFACE-TO-AIR MISSILE SYSTEM						
1	LOWER TIER AIR AND MISSILE DEFENSE [AMD]		140,826		136,579		-4,247
2	MSE MISSILE	93	459,040	93	455,320		-3,720
3	INDIRECT FIRE PROTECTION CAPABILITY		57,742		50,056		-7,686
	AIR-TO-SURFACE MISSILE SYSTEM						
5	HELLFIRE SYS SUMMARY	998	94,790	998	94,790		
6	JOINT AIR-TO-GROUND MISLS [JAGM]	824	1,78,432	824	1,78,432		
	ANTI-TANK/ASSAULT MISSILE SYSTEM						
8	JAVELIN (AAWS-M) SYSTEM SUMMARY	525	110,123	525	257,488		+147,365
9	TOW 2 SYSTEM SUMMARY	1,156	85,851	1,156	85,851		
10	TOW 2 SYSTEM SUMMARY [AP-CY]		19,949		19,949		
11	GUIDED MLRS ROCKET [GMLRS]	4,458	595,182	4,458	596,168		+986
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	3,306	28,321	3,306	34,651		+6,330
13	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)				197,000		+197,000
	TOTAL, OTHER MISSILES		1,770,256		2,106,284		+336,028
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
15	PATRIOT MODS		329,073		329,073		
16	ATACMS MODS		116,040		116,040		
17	GMLRS MOD		531		531		
18	STINGER MODS		63,090		55,061		-8,029
19	AVENGER MODS		62,931		62,931		
20	ITAS/TOW MODS		3,500		3,500		
21	MLRS MODS		138,235		138,235		
22	HIMARS MODIFICATIONS		9,566		9,566		
	TOTAL, MODIFICATION OF MISSILES		722,966		714,937		-8,029

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
23	SPARES AND REPAIR PARTS		18,915		17,915		-1,000
24	SPARES AND REPAIR PARTS						
	SUPPORT EQUIPMENT AND FACILITIES		5,728		5,728		
26	AIR DEFENSE TARGETS		1,189		1,189		
	PRODUCTION BASE SUPPORT						
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES		6,917		6,917		
	TOTAL, MISSILE PROCUREMENT, ARMY		2,519,054		2,846,053		+326,999

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	Lower Tier Air and Missile Defense [AMD]	140,826	136,579	- 4,247
	Restoring acquisition accountability: Logistics cost growth			- 4,247
2	MSE Missile	459,040	455,320	- 3,720
	Restoring acquisition accountability: Unit cost growth			- 3,720
3	Indirect Fire Protection Capability Inc 2-1	57,742	50,056	- 7,686
	Restoring acquisition accountability: AIM-9X Unit cost variance			- 7,686
8	Javelin (Aaws-M) System Summary	110,123	257,488	+ 147,365
	Program increase: Convert CLUs to block 1 configuration			+ 147,365
11	Guided MLRS Rocket [GMLRS]	595,182	596,168	+ 986
	Restoring acquisition accountability: Unit cost growth			- 13,514
	Program increase			+ 14,500
12	MLRS Reduced Range Practice Rockets [RRPR]	28,321	34,651	+ 6,330
	Program increase			+ 6,330
13	High Mobility Artillery Rocket System [HIMARS]		197,000	+ 197,000
	Program increase: Launchers in support of EDI			+ 197,000
18	Stinger Mods	63,090	55,061	- 8,029
	Restoring acquisition accountability: Unit cost variance			- 8,029
23	Spares and Repair Parts	18,915	17,915	- 1,000
	Insufficient budget justification: Poor justification materials			- 1,000

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 2017	\$2,229,455,000
Budget estimate, 2018	2,423,608,000
Committee recommendation	3,439,391,000

The Committee recommends an appropriation of \$3,439,391,000. This is \$1,015,783,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY						
2	TRACKED COMBAT VEHICLES	42	193,715	42	137,435		- 56,280
	ARMORED MULTI PURPOSE VEHICLE (AMPV)						
4	MODIFICATION OF TRACKED COMBAT VEHICLES						
	STRYKER (MOD)		97,552		97,552		
5	STRYKER UPGRADE			116	348,000	+ 116	+ 348,000
6	BRADLEY PROGRAM (MOD)		444,851		555,851		+ 111,000
7	M109 FOV MODIFICATIONS		64,230		49,665		- 14,565
8	PALADIN PIRM MOD IN SERVICE	59	646,413	59	646,413		
9	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	16	72,402	16	72,402		
10	ASSAULT BRIDGE (MOD)		5,855		4,736		- 1,119
11	ASSAULT BREACHER VEHICLE	7	34,221	7	64,221		+ 30,000
12	M88 FOV MODS		4,826		4,826		
13	JOINT ASSAULT BRIDGE	27	128,350	27	128,350		
14	M1 ABRAMS TANK (MOD)		248,826		416,326		+ 167,500
15	ABRAMS UPGRADE PROGRAM	20	275,000	39	525,000	+ 19	+ 250,000
	TOTAL, TRACKED COMBAT VEHICLES		2,216,241		3,050,777		+ 834,536
	WEAPONS AND OTHER COMBAT VEHICLES						
18	M240 MEDIUM MACHINE GUN (7.62MM)		1,992		3,292		+ 1,300
19	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON		6,520		6,520		
20	MORTAR SYSTEMS		21,452		18,830		- 2,622
21	XM320 GRENADE LAUNCHER MODULE (GLM)		4,524		18,524		+ 14,000
22	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM				50,700		+ 50,700
23	CARBINE		43,150		43,150		
24	COMMON REMOTELY OPERATED WEAPONS STATION		750		22,250		+ 21,500
25	MODULAR HANDGUN SYSTEM		8,326		8,326		
	MOD OF WEAPONS AND OTHER COMBAT VEH						
26	MK-19 GRENADE MACHINE GUN MODS		2,000		2,000		
27	M777 MODS		3,985		89,772		+ 85,787
28	M4 CARBINE MODS		31,315		31,315		
29	M2 50 CAL MACHINE GUN MODS		47,414		47,414		

30	M249 SAW MACHINE GUN MODS	3,339	3,339	3,339	3,339	.....	.....	.....
31	M240 MEDIUM MACHINE GUN MODS	4,577	4,577	11,159	11,159	.....	.....	.....
32	SWPER RIFLES MODIFICATIONS	1,488	1,488	1,488	1,488	.....	.....	+ 6,582
33	M119 MODIFICATIONS	12,678	12,678	12,678	12,678	.....	.....	.....
34	MORTAR MODIFICATION	3,998	3,998	3,998	3,998	.....	.....	.....
35	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	2,219	2,219	2,219	2,219	.....	.....	.....
	SUPPORT EQUIPMENT AND FACILITIES .....					.....	.....	.....
36	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	5,075	5,075	5,075	5,075	.....	.....	.....
37	PRODUCTION BASE SUPPORT (WOCV-WTCV)	992	992	992	992	.....	.....	.....
22	INDUSTRIAL PREPAREDNESS			4,000	4,000	.....	.....	+ 4,000
39	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)	1,573	1,573	1,573	1,573	.....	.....	.....
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES	207,367	207,367	388,614	388,614	.....	.....	+ 181,247
	TOTAL, PROCUREMENT OF W&TCV, ARMY	2,423,608	2,423,608	3,439,391	3,439,391	.....	.....	+ 1,015,783

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
2	Armored Multi Purpose Vehicle [AMPV]	193,715	137,435	- 56,280
	Restore acquisition accountability: Reduce concurrency, fund long lead only			- 56,280
5	Stryker Upgrade		348,000	+ 348,000
	Program increase: 116 Double V-Hull upgrades			+ 348,000
6	Bradley Program (MOD)	444,851	555,851	+ 111,000
	Program increase: Recap M2A4 vehicles			+ 111,000
7	M109 FOV Modifications	64,230	49,665	- 14,565
	Improving funds management: Execution delays			- 14,565
10	Assault Bridge (Mod)	5,855	4,736	- 1,119
	Improving funds management: Execution delays			- 1,119
11	Assault Breacher Vehicle	34,221	64,221	+ 30,000
	Program increase: ABVs, combat dozer blades, and full width mine plows			+ 30,000
14	M1 Abrams Tank (MOD)	248,826	416,326	+ 167,500
	Program increase			+ 171,000
	Improving funds management: Undefined CROWS-LP contract			- 3,500
15	Abrams Upgrade Program	275,000	525,000	+ 250,000
	Program increase: Recap tanks to M1A2SEPV3			+ 250,000
18	M240 Medium Machine Gun (7.62MM)	1,992	3,292	+ 1,300
	Program increase			+ 1,300
20	Mortar Systems	21,452	18,830	- 2,622
	Improving funds management: Execution delays			- 2,622
21	XM320 Grenade Launcher Module [GLM]	4,524	18,524	+ 14,000
	Program increase			+ 14,000
22	Compact Semi-Automatic Sniper System		50,700	+ 50,700
	Program increase: Squad designated marksman rifle			+ 50,700
24	Common Remotely Operated Weapons Station	750	22,250	+ 21,500
	Program increase			+ 11,500
	Program increase: CROWS modifications to integrate the XM914			+ 10,000
27	M777 Mods	3,985	89,772	+ 85,787
	Program increase: M777 lightweight towed howitzers and chrome tubes			+ 85,787
31	M240 Medium Machine Gun Mods	4,577	11,159	+ 6,582
	Program increase: M240L 7.62mm machine guns			+ 6,582
38	Industrial Preparedness		4,000	+ 4,000
	Program increase			+ 4,000

Active Protection Systems.—The Committee continues to be concerned about the proliferation and lethality of anti-armor weapons developed by adversary nations and concurs with the Army's assessment that Active Protection Systems may be the only viable near-term mitigation for these threats. In order to accelerate procurement, the Committee encourages the Secretary of the Army to rapidly field Active Protection Systems by using all available authorities and expeditious contracting mechanisms.

Mobile Protected Firepower.—The fiscal year 2018 President's budget request includes planned procurement funding in fiscal year 2019 for Mobile Protected Firepower. The Committee directs the Secretary of the Army to provide a report, no later than the submission of the fiscal year 2019 President's budget request, explaining the changes in infantry brigade combat team doctrine, organization, training, logistics, personnel, and facilities required to sup-

port armored vehicles organic to those formations. The report shall include estimates of the amount and timing of the funds over the future years defense program required to establish or modify training and gunnery ranges, establish or renovate, man, and operate maintenance facilities, man and train tank crews, and procure and field associated vehicles required to support light tanks. The report shall also include detailed explanation of the number, size, and distribution of tank units within infantry brigade combat teams. Finally, this report should be submitted to the congressional defense committees and the military construction appropriations subcommittees.

M4 Carbine Rails.—The Committee supports Department of the Army efforts over the last decade to upgrade the M4 carbine and its accessory systems. The Committee notes that United States Special Operations Command units have fielded rail systems for their M4 carbines that place no weight on the barrel, resulting in increased accuracy and durability. The Committee directs the Secretary of the Army to submit a report to the congressional defense committees, not later than June 30, 2018, which describes the costs and benefits, both budgetary and operational, of fielding free-floating rails for the M4.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2017	\$1,483,566,000
Budget estimate, 2018	1,879,283,000
Committee recommendation	2,403,384,000

The Committee recommends an appropriation of \$2,403,384,000. This is \$524,101,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AMMUNITION						
	SMALL/MEDIUM CAL AMMUNITION						
1	CTG, 5.56MM, ALL TYPES	39,767	46,258		46,258		+6,491
2	CTG, 7.62MM, ALL TYPES	46,804	61,704		61,704		+14,900
3	CTG, HANDGUN, ALL TYPES	10,413	10,413		10,413		
4	CTG, .50 CAL, ALL TYPES	62,837	71,322		71,322		+8,485
5	CTG, 20MM, ALL TYPES	8,208	8,208		8,208		
6	CTG, 25MM, ALL TYPES	8,640	40,502		40,502		+31,862
7	CTG, 30MM, ALL TYPES	76,850	79,000		79,000		+2,150
8	CTG, 40MM, ALL TYPES	108,189	125,380		125,380		+17,191
	MORTAR AMMUNITION						
9	60MM MORTAR, ALL TYPES	57,359	55,359		55,359		-2,000
10	81MM MORTAR, ALL TYPES	49,471	49,471		49,471		
11	120MM MORTAR, ALL TYPES	91,528	108,328		108,328		+16,800
	TANK AMMUNITION						
12	CTG TANK 105MM AND 120MM: ALL TYPES	133,500	134,700		134,700		+1,200
	ARTILLERY AMMUNITION						
13	CTG, ARTY, 75MM AND 105MM: ALL TYPES	44,200	44,200		44,200		
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES	187,149	229,649		229,649		+42,500
15	PROJ, 155MM EXTENDED RANGE XM982	49,000	199,000	480	199,000		+150,000
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES	83,046	162,768		162,768		+79,722
	MINES						
17	MINES AND CLEARING CHARGES, ALL TYPES	3,942	3,942		3,942		
	ROCKETS						
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	5,000	5,000		5,000		
20	ROCKET, HYDRA 70, ALL TYPES	161,155	154,155		154,155		-7,000
	OTHER AMMUNITION						
21	CAD/PAD ALL TYPES	7,441	7,441		7,441		
22	DEMOLITION MUNITIONS, ALL TYPES	19,345	19,345		19,345		

23	GRENADES, ALL TYPES	22,759	32,759	.....	.....	+ 10,000
24	SIGNALS, ALL TYPES	2,583	2,083	.....	.....	- 500
25	SIMULATORS, ALL TYPES	13,084	13,084	.....	.....	.....
	MISCELLANEOUS .....	.....	.....	.....	.....	.....
26	AMMO COMPONENTS, ALL TYPES	12,237	12,237	.....	.....	.....
27	NON-LETHAL AMMUNITION, ALL TYPES	1,500	1,500	.....	.....	.....
28	ITEMS LESS THAN \$5 MILLION	10,730	10,730	.....	.....	.....
29	AMMUNITION PECULIAR EQUIPMENT	16,425	16,425	.....	.....	.....
30	FIRST DESTINATION TRANSPORTATION (AMMO)	15,221	15,221	.....	.....	.....
	TOTAL, AMMUNITION	1,348,383	1,720,184	.....	.....	+ 371,801
	AMMUNITION PRODUCTION BASE SUPPORT .....	.....	.....	.....	.....	.....
	PRODUCTION BASE SUPPORT .....	.....	.....	.....	.....	.....
32	PROVISION OF INDUSTRIAL FACILITIES	329,356	428,656	.....	.....	+ 99,300
33	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL	197,825	250,825	.....	.....	+ 53,000
34	ARMS INITIATIVE	3,719	3,719	.....	.....	.....
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT	530,900	683,200	.....	.....	+ 152,300
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	1,879,283	2,403,384	.....	.....	+ 524,101

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	CTG, 5.56mm, All Types	39,767	46,258	+ 6,491
	Program increase			+ 6,491
2	CTG, 7.62mm, All Types	46,804	61,704	+ 14,900
	Program increase			+ 14,900
4	CTG, .50 Cal, All Types	62,837	71,322	+ 8,485
	Program increase			+ 8,485
6	CTG, 25mm, All Types	8,640	40,502	+ 31,862
	Program increase			+ 31,862
7	CTG, 30mm, All Types	76,850	79,000	+ 2,150
	Program increase			+ 2,150
8	CTG, 40mm, All Types	108,189	125,380	+ 17,191
	Program increase			+ 17,191
9	60MM Mortar, All Types	57,359	55,359	- 2,000
	Restoring acquisition accountability: Acquisition strategy (60MM ILLUM VL M721)			- 2,000
11	120MM Mortar, All Types	91,528	108,328	+ 16,800
	Program increase			+ 16,800
12	Cartridges, Tank, 105MM and 120MM, All Types	133,500	134,700	+ 1,200
	Restoring acquisition accountability: Acquisition strategy (120MM APFSDS-T)			- 39,100
	Program increase			+ 40,300
14	Artillery Projectile, 155MM, All Types	187,149	229,649	+ 42,500
	Restoring acquisition accountability: Acquisition strategy (BONUS projectile)			- 35,500
	Restoring acquisition accountability: engineering change proposal cost growth (155MM HE IM Training round)			- 1,500
	Program increase			+ 79,500
15	Proj 155mm Extended Range M982	49,000	199,000	+ 150,000
	Program increase			+ 150,000
16	Artillery Propellants, Fuzes and Primers, All	83,046	162,768	+ 79,722
	Program increase			+ 79,722
20	Rocket, Hydra 70, All Types	161,155	154,155	- 7,000
	Restoring acquisition accountability: Unit cost discrepancy (APKWS)			- 7,000
23	Grenades, All Types	22,759	32,759	+ 10,000
	Program increase			+ 10,000
24	Signals, All Types	2,583	2,083	- 500
	Improving funds management: Prior year carryover			- 500
32	Industrial Facilities	329,356	428,656	+ 99,300
	Improving funds management: Contract delays (ARMS Initiative)			- 700
	Program Increase			+ 100,000
33	Conventional Munitions Demilitarization	197,825	250,825	+ 53,000
	Program increase: Destruction of obsolete and unsafe munitions			+ 53,000

OTHER PROCUREMENT, ARMY

Appropriations, 2017	\$6,147,328,000
Budget estimate, 2018	6,469,331,000
Committee recommendation	7,814,263,000

The Committee recommends an appropriation of \$7,814,263,000. This is \$1,344,932,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES						
	TACTICAL VEHICLES						
1	TACTICAL TRAILERS/DOLLY SETS		9,716		6,716		- 3,000
2	SEMITRAILERS, FLATBED:		14,151		38,151		+ 24,000
3	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)		53,000		53,000		
4	GROUND MOBILITY VEHICLES (GMV)		40,935		40,935		
5	ARNG HMMWV MODERNIZATION PROGRAM				120,000		+ 120,000
6	JOINT LIGHT TACTICAL VEHICLE	2,110	804,440	2,110	804,440		
7	TRUCK, DUMP, 20t (GCE)		967		967		
8	FAMILY OF MEDIUM TACTICAL VEH (FMTV)		78,650		232,750		+ 154,100
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN		19,404		19,404		
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)		81,656		85,544		+ 3,888
11	PLS ESP		7,129		59,729		+ 52,600
12	HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV				112,250		+ 112,250
13	TACTICAL WHEELED VEHICLE PROTECTION KITS		43,040		43,040		
14	MODIFICATION OF IN SVC EQUIP		83,940		83,940		
	NON-TACTICAL VEHICLES						
16	HEAVY ARMORED SEDAN		269		269		
17	PASSENGER CARRYING VEHICLES		1,320		1,320		
18	NONTACTICAL VEHICLES, OTHER		6,964		6,964		
	TOTAL TACTICAL AND SUPPORT VEHICLES		1,245,581		1,709,419		+ 463,838
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM—JOINT COMMUNICATIONS						
19	WIN-T—GROUND FORCES TACTICAL NETWORK		420,492		102,400		- 318,092
20	SIGNAL MODERNIZATION PROGRAM		92,718		92,718		
21	TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE		150,497		359,597		+ 209,100
22	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY		6,065		6,065		
23	ICSE EQUIPMENT (USREDCOM)		5,051		5,051		

26	COMM—SATELLITE COMMUNICATIONS									
27	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	161,383	158,990							-2,393
28	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	62,600	80,600							+18,000
29	SHF TERM	11,622	11,622							
30	SMART-T (SPACE)	6,799	6,799							
31	GLOBAL BRODCST SVC—GRS	7,065	7,065							
32	ENROUTE MISSION COMMAND (EMC)	21,667	21,667							
33	COMM—COMBAT SUPPORT COMM									
34	MOD OF IN-SERVICE PROFILER	70	70							
35	COMM—C3 SYSTEM									
36	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	2,658	2,658							
37	COMM—COMBAT COMMUNICATIONS									
38	HANDHELD MANPACK SMALL FORM FIT (HMS)	355,351	363,760							+8,409
39	MID-TIER NETWORKING VEHICULAR RADIO (MMVR)	25,100								-25,100
40	RADIO TERMINAL SET, MIDS LVT(2)	11,160	11,160							
41	TRACTOR DESK	2,041	2,041							
42	TRACTOR RIDE	5,534	5,534							
43	SPIDER APLA REMOTE CONTROL UNIT	996	996							
44	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE	4,500	500							-4,000
45	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	4,411	4,411							
46	UNIFIED COMMAND SUITE	15,275	15,275							
47	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	15,964	15,964							
48	COMM—INTELLIGENCE COMM									
49	CI/AUTOMATION ARCHITECTURE [IMP]	9,560	9,560							
50	DEFENSE MILITARY DECEPTION INITIATIVE	4,030	4,030							
51	INFORMATION SECURITY									
52	COMMUNICATIONS SECURITY (COMSEC)	107,804	107,804							
53	DEFENSIVE CYBER OPERATIONS	53,436	53,436							
54	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITOR	690	690							
55	PERSISTENT CYBER TRAINING ENVIRONMENT	4,000	4,000							
56	COMM—LONG HAUL COMMUNICATIONS									
57	BASE SUPPORT COMMUNICATIONS	43,751	24,135							-19,616
58	COMM—BASE COMMUNICATIONS									
59	INFORMATION SYSTEMS	118,101	85,570							-32,531
60	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,490	4,490							
61	HOME STATION MISSION COMMAND CENTERS (MSMCC)	20,050	20,050							
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	186,251	296,251							+110,000

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	ELECT EQUIP						
67	ELECT EQUIP—TACT INT REL ACT (TIARA)		12,154		12,154		
70	JTT/CIBS-M (MIP)		274,782		274,782		
72	DGSS-A (MIP)		16,052		16,052		
	TROJAN (MIP)		51,034		51,034		
73	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)		7,815		7,815		
74	CI HUMINT AUTO REPRTING AND COLLICHARGS(MIP)		8,050		8,050		
75	CLOSE ACCESS TARGET RECONNAISSANCE (CATR)		567		567		
76	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM						
	ELECT EQUIP—ELECTRONIC WARFARE (EW)						
78	LIGHTWEIGHT COUNTER MORTAR RADAR		20,459		20,459		
79	EW PLANNING AND MANAGEMENT TOOLS		5,805		5,805		
80	AIR VIGILANCE (AV)		5,348		5,348		
83	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES		469		469		
84	CI MODERNIZATION (MIP)		285		285		
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)						
85	SENTINEL MODS		28,491		100,491		+ 72,000
86	NIGHT VISION DEVICES		166,493		182,242		+ 15,749
87	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF		13,947		16,097		+ 2,150
88	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS		21,380		598,613		+ 577,233
90	FAMILY OF WEAPON SIGHTS (FWS)		59,105		59,105		
91	ARTILLERY ACCURACY EQUIP		2,129		2,129		
93	JOINT BATTLE COMMAND—PLATFORM (JBC-P)		282,549		402,971		+ 120,422
94	JOINT EFFECTS TARGETING SYSTEM (JETS)		48,664		48,664		
95	MOD OF IN-SERVICE EQUIPMENT (LLDR)		5,198		5,198		
96	COMPUTER BALLISTICS: LHMCB XM32		8,117		8,117		
97	MORTAR FIRE CONTROL SYSTEM		31,813		31,813		
98	COUNTERFIRE RADARS		329,057		393,257		+ 64,200
	ELECT EQUIP—TACTICAL C2 SYSTEMS						
99	FIRE SUPPORT C2 FAMILY		8,700		8,700		
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD)		26,635		123,613		+ 96,978
102	LIFE CYCLE SOFTWARE SUPPORT (LCSS)		1,992		1,992		

103	NETWORK MANAGEMENT INITIALIZATION AND SERVICE				15,179	15,179	
104	MANEUVER CONTROL SYSTEM (MCS)				72,672	72,672	-59,900
105	GLOBAL COMBAT SUPPORT SYSTEM-ARMY				37,201	37,201	
106	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY				16,140	16,140	
107	RECONNAISSANCE AND SURVEYING INSTRUMENT SET				6,093	6,093	
108	MOD OF IN-SERVICE EQUIPMENT (ENFIRE)				1,134	1,134	
	ELECT EQUIP—AUTOMATION						
109	ARMY TRAINING MODERNIZATION				11,575	11,575	
110	AUTOMATED DATA PROCESSING EQUIPMENT				91,983	87,983	-4,000
111	GENERAL FUND ENTERPRISE BUSINESS SYSTEM				4,465	4,465	
112	HIGH PERF COMPUTING MOD PROGRAM				66,363	66,363	
113	CONTRACT WRITING SYSTEM				1,001	1,001	
114	RESERVE COMPONENT AUTOMATION SYS (RCAS)				26,183	26,183	
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)						
115	TACTICAL DIGITAL MEDIA				4,441	4,441	
116	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)				3,414	3,414	
	ELECT EQUIP—SUPPORT						
117	PRODUCTION BASE SUPPORT (C-E)				499	499	
118	BCT EMERGING TECHNOLOGIES				25,050	25,050	
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT				4,650,174	4,650,174	+828,609
	OTHER SUPPORT EQUIPMENT						
	CHEMICAL DEFENSIVE EQUIPMENT						
119	PROTECTIVE SYSTEMS				1,613	1,613	
120	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)				9,696	16,696	+7,000
122	CBRN DEFENSE				11,110	16,110	+5,000
	BRIDGING EQUIPMENT						
123	TACTICAL BRIDGING				16,610	16,610	
124	TACTICAL BRIDGE, FLOAT-RIBBON				21,761	21,761	
126	COMMON BRIDGE TRANSPORTER RECAP				21,046	21,046	
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
127	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST				5,000	5,000	
128	GROUND STANDOFF MINE DETECTION SYSTEM [GSTAMIDS]				32,442	32,442	
129	AREA MINE DETECTION SYSTEM (AMDS)				10,571	10,571	
130	HUSKY MOUNTED DETECTION SYSTEM (HMDS)				21,695	21,695	
131	ROBOTIC COMBAT SUPPORT SYSTEM				4,516	4,516	
132	EOD ROBOTICS SYSTEMS RECAPITALIZATION				10,073	10,073	

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
133	ROBOTICS AND APPLIQUE SYSTEMS .....	.....	3,000	.....	2,000	.....	-1,000
135	REMOTE DEMOLITION SYSTEMS .....	.....	5,847	.....	5,847	.....	.....
136	ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT .....	.....	1,530	.....	1,530	.....	.....
137	FAMILY OF BOATS AND MOTORS .....	.....	4,302	.....	4,302	.....	.....
	COMBAT SERVICE SUPPORT EQUIPMENT						
138	HEATERS AND ECUS .....	.....	7,405	.....	7,405	.....	.....
139	SOLDIER ENHANCEMENT .....	.....	1,095	.....	4,095	.....	+3,000
140	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	.....	5,390	.....	5,390	.....	.....
141	GROUND SOLDIER SYSTEM .....	.....	38,219	.....	38,219	.....	.....
142	MOBILE SOLDIER POWER .....	.....	10,456	.....	10,456	.....	.....
143	FORCE PROVIDER .....	.....	.....	.....	27,700	.....	+27,700
144	FIELD FEEDING EQUIPMENT .....	.....	15,340	.....	15,340	.....	.....
145	CARGO AERIAL DEL. & PERSONNEL PARACHUTE SYSTEM .....	.....	30,607	.....	30,607	.....	.....
146	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....	.....	10,426	.....	10,426	.....	.....
	PETROLEUM EQUIPMENT						
148	QUALITY SURVEILLANCE EQUIPMENT .....	.....	6,903	.....	6,903	.....	.....
149	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	.....	47,597	.....	47,597	.....	.....
	MEDICAL EQUIPMENT						
150	COMBAT SUPPORT MEDICAL .....	.....	43,343	.....	61,843	.....	+18,500
	MAINTENANCE EQUIPMENT						
151	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	.....	33,774	.....	33,774	.....	.....
152	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	.....	2,728	.....	2,728	.....	.....
	CONSTRUCTION EQUIPMENT						
153	GRADER, ROAD MTZD, Hvy, 6X4 (CCE) .....	.....	989	.....	989	.....	.....
154	SCRAPERS, EARTHMOVING .....	.....	11,180	.....	11,180	.....	.....
157	ALL TERRAIN CRANES .....	.....	8,935	.....	8,935	.....	.....
159	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS .....	.....	64,339	.....	62,547	.....	-1,792
160	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....	.....	2,563	.....	2,563	.....	.....
162	CONST EQUIP ESP .....	.....	19,032	.....	19,032	.....	.....
163	ITEMS LESS THAN \$5.0M (CONST EQUIP) .....	.....	6,899	.....	6,899	.....	.....

164	RAIL FLOAT CONTAINERIZATION EQUIPMENT								
165	ARMY WATERCRAFT ESP								
	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	20,110	2,877					20,110	2,877
166	GENERATORS								
	GENERATORS AND ASSOCIATED EQUIPMENT	115,635						115,635	
167	MATERIAL HANDLING EQUIPMENT								
168	TACTICAL ELECTRIC POWER RECAPITALIZATION	7,436	9,000					7,436	9,000
	FAMILY OF FORKLIFTS								
	TRAINING EQUIPMENT								
169	COMBAT TRAINING CENTERS SUPPORT	88,888						126,638	+ 37,750
170	TRAINING DEVICES, NONSYSTEM	285,989						259,251	- 26,738
171	CLOSE COMBAT TACTICAL TRAINER	45,718						45,718	
172	AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA)	30,568						30,568	
173	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	5,406						5,406	
174	TEST MEASURE AND DIG EQUIPMENT (TMID)								
175	CALIBRATION SETS EQUIPMENT	5,564						5,564	
176	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	30,144						30,144	
	TEST EQUIPMENT MODERNIZATION (TEMOD)	7,771						7,771	
	OTHER SUPPORT EQUIPMENT								
177	M25 STABILIZED BINOCULAR	3,956						3,956	
178	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	5,000						5,000	
179	PHYSICAL SECURITY SYSTEMS (OPAS)	60,047						60,047	
180	BASE LEVEL COM'L EQUIPMENT	13,239						13,239	
181	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	60,192						60,192	
182	PRODUCTION BASE SUPPORT (OTH)	2,271						2,271	
183	SPECIAL EQUIPMENT FOR USER TESTING	5,319						5,319	
184	TRACTOR YARD	5,935						5,935	+ 9,000
	TOTAL, OTHER SUPPORT EQUIPMENT	1,359,097						1,437,517	+ 78,420
186	SPARE AND REPAIR PARTS								
	INITIAL SPARES—C&E	38,269						12,334	- 25,935
999	TOTAL, SPARE AND REPAIR PARTS	38,269						12,334	- 25,935
	CLASSIFIED PROGRAMS	4,819						4,819	
	TOTAL, OTHER PROCUREMENT, ARMY	6,469,331						7,814,263	+ 1,344,932

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	Tactical Trailers/Dolly Sets	9,716	6,716	- 3,000
	Improving funds management: Prior year carryover			- 3,000
2	Semitrailers, Flatbed	14,151	38,151	+ 24,000
	Program increase			+ 24,000
5	ARNG HMMWV Modernization Program		120,000	+ 120,000
	Program increase: HMMV ambulance modernization			+ 120,000
8	Family of Medium Tactical Veh [FMTV]	78,650	232,750	+ 154,100
	Program increase			+ 154,100
10	Family of Heavy Tactical Vehicles [FHTV]	81,656	85,544	+ 3,888
	Restoring acquisition accountability: Trailer unit cost growth			- 3,240
	Program increase			+ 7,128
11	Pls Esp	7,129	59,729	+ 52,600
	Program increase			+ 52,600
12	Hvy Expanded Mobile Tactical Truck Ext Serv		112,250	+ 112,250
	Program increase			+ 112,250
19	Win-T—Ground Forces Tactical Network	420,492	102,400	- 318,092
	Transfer funding for network modernization strategy: Army-requested to OPA line 21			- 209,100
	Restoring acquisition accountability: Network modernization strategy			- 108,992
21	Tactical Network Technology Mod In Svc	150,497	359,597	+ 209,100
	Transfer funding for network modernization strategy: Army-requested from OPA line 19			+ 209,100
26	Defense Enterprise Wideband Satcom Systems	161,383	158,990	- 2,393
	Maintain program affordability: Unjustified fielding growth			- 2,393
27	Transportable Tactical Command Communications	62,600	80,600	+ 18,000
	Program increase			+ 18,000
38	Handheld Manpack Small Form Fit [HMS]	355,351	363,760	+ 8,409
	Program increase			+ 8,409
39	Mid-Tier Networking Vehicular Radio [MNVR]	25,100		- 25,100
	Program termination: Network modernization strategy			- 25,100
45	Spider Family of Networked Munitions Incr	4,500	500	- 4,000
	Improving funds management: Prior year carryover			- 4,000
60	Base Support Communications	43,751	24,135	- 19,616
	Restoring acquisition accountability: LMR unit cost growth			- 19,616
61	Information Systems	118,101	85,570	- 32,531
	Improving funds management: Prior year carryover			- 32,531
64	Installation Info Infrastructure Mod Program	186,251	296,251	+ 110,000
	Program increase			+ 110,000
85	Sentinel Mods	28,491	100,491	+ 72,000
	Program increase: Additional Sentinel radars			+ 72,000
86	Night Vision Devices	166,493	182,242	+ 15,749
	Program increase: Limited visibility enhancements			+ 15,749
87	Small Tactical Optical Rifle Mounted MLRF	13,947	16,097	+ 2,150
	Program increase:			+ 2,150
89	Indirect Fire Protection Family of Systems	21,380	598,613	+ 577,233
	Program increase			+ 577,233
93	Joint Battle Command—Platform [JBC-P]	282,549	402,971	+ 120,422
	Program increase			+ 120,422
98	Counterfire Radars	329,057	393,257	+ 64,200
	Program increase: AN/TPQ-53 counterfire target acquisition radar system			+ 64,200
100	AIR & MSL Defense Planning & Control Sys	26,635	123,613	+ 96,978
	Program increase			+ 96,978
104	Maneuver Control System [MCS]	132,572	72,672	- 59,900

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
	Transfer funding for network modernization strategy: Army-requested to RDA line 109			- 25,000
	Transfer funding for network modernization strategy: Army-requested to RDA line 137			- 10,000
	Program termination: Network modernization strategy-CPOF			- 24,900
110	Automated Data Processing Equip	91,983	87,983	- 4,000
	Improving funds management: Prior year carryover			- 4,000
120	Family of Non-Lethal Equipment [FNLE]	9,696	16,696	+ 7,000
	Program increase: Acoustic hailing devices to provide non-lethal escalation capability			+ 7,000
122	CBRN Defense	11,110	16,110	+ 5,000
	Program increase: Contamination avoidance			+ 5,000
133	Robotics and Applique Systems	3,000	2,000	- 1,000
	Improving funds management: Prior year carryover			- 1,000
139	Soldier Enhancement	1,095	4,095	+ 3,000
	Program increase: Personal equipment			+ 3,000
143	Force Provider		27,700	+ 27,700
	Program increase			+ 27,700
150	Combat Support Medical	43,343	61,843	+ 18,500
	Program increase: Warrior aid litter kits for tactical wheeled vehicle fleet			+ 13,500
	Program increase: Enhanced medical kits for rotary wing platforms			+ 5,000
159	High Mobility Engineer Excavator [HMEE]	64,339	62,547	- 1,792
	Program increase: HMEE's for units to address combat engineer shortfalls			+ 20,560
	Restoring acquisition accountability: Unit cost growth			- 22,352
169	Combat Training Centers Support	88,888	126,638	+ 37,750
	Program increase			+ 37,750
170	Training Devices, Nonsystem	285,989	259,251	- 26,738
	Restoring acquisition accountability: Unit cost growth			- 26,738
183	Special Equipment for User Testing	5,319	14,319	+ 9,000
	Program increase: Regional service delivery points			+ 9,000
186	Initial Spares—C&E	38,269	12,334	- 25,935
	Restoring acquisition accountability: Network modernization strategy—WIN-T spares excess to need			- 23,935
	Restoring acquisition accountability: MCS spares excess to need			- 2,000

HMMWV Modernization.—The Committee notes the critical role that important safety technologies like Antilock Brake Systems [ABS] play on the High Mobility Multipurpose Wheeled Vehicle [HMMWV] fleet. The Committee supports the incorporation of ABS into the HMMWV new production process and the HMMWV modernization process for Active, Reserve, and National Guard components. To ensure proper quality control during the ABS installation process for new and enduring Active, Reserve, and National Guard HMMWVs, the Committee directs that installation of ABS on all HMMWVs shall be performed during the HMMWV new production process or the HMMWV modernization process, when the HMMWV produced is new, or returned to a zero-hour, zero-mile, like-new condition.

HMMWV Ambulances.—The Committee notes that the average age of ground ambulance fleets within the active and reserve components of the Army is 28 years. At current levels of investment, these fleets will remain less than 25 percent modernized across the Future Years Defense Program, impairing the total Army's ability to execute its Federal and State missions. The Committee rec-

ommends \$173,000,000 for High Mobility Multipurpose Wheeled Vehicle ambulances, an increase of \$120,000,000 over the fiscal year 2018 President's budget request, of which \$53,000,000 is intended for Regular Army and \$120,000,000 is intended for the Army National Guard and the Army Reserve.

Ground Mobility Vehicle.—The Committee is concerned with the Army's plan to procure a limited quantity of ground mobility vehicles [GMV] for use by airborne brigades. A comparison of GMV unit cost targets proposed by the Army against actuals contained in Department of Defense contracts and on the General Services Administration [GSA] schedule indicates that a developmental vehicle will cost at least \$100,000 per unit more than available non-developmental vehicles. Further, procurement of the planned developmental vehicle will delay full fielding of 295 vehicles until sometime after 2020, undermining the Army's rapid acquisition objective. The Committee recommends full funding for this program and directs that, of the funds provided, none are available except to execute an accelerated competition for the GMV program of record or to procure such vehicles via the GSA schedule.

Commercial-off-the-Shelf Simulation Devices.—Simulators allow geographically dispersed Army National Guard and Army Reserve units to conduct training when time and distance prevent traditional military exercises. The Committee commends the Army for acquiring commercially available simulation devices to enable the Reserve Components to provide training at an affordable cost and encourages the Army to establish means of quantifying the impact of simulation-based training on individual and collective training readiness.

Personal Dosimeters.—The Army has a critical shortfall of personal dosimeters which measure radiation exposure, creating an Army readiness gap. Instruments currently fielded are past their expected life, placing soldiers at risk. The Committee remains concerned that shortfalls exist in fielding the most current radiation detection devices across the Army. To ensure soldiers have the capability to detect nuclear radiation, the Committee recommends an increase of \$5,000,000 above the fiscal year 2018 President's budget request to expedite the fielding of radiation detection equipment, specifically personal dosimeters to the force.

Army Network Modernization.—Section 237 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92) directed the Director, Cost Assessment and Program Evaluation [CAPE] and Director, Operational Test and Evaluation [DOT&E] to commission a major independent report of the Army's tactical communications network. This report, produced by the Institute for Defense Analysis [IDA], concluded that “a steady tide of performance deficiencies, cancellations, and program restructuring has drawn out the (network's) acquisition timeline in a way that creates a unique opportunity to untether it from history and question the path forward.” Following the submission of the Army's fiscal year 2018 budget request, and the publication of IDA's assessment, the Chief of Staff of the Army initiated an agency review of the Army's radio and tactical network programs resulting in the suspension or revision of existing programs within its radio and tactical network portfolio. There is now a disconnect between the Army's fiscal year

2018 budget request and the funding requirements for the Army’s revised radio and tactical network strategy.

While the Committee supports a majority of net-zero realignment requests for fiscal year 2018 in the Other Procurement, Army and Research, Development, Test and Evaluation, Army accounts as the first step toward a broader revision to the Army radio and tactical network modernization strategy, the Committee is concerned the requested funding realignments represent a resource-constrained solution as opposed to a cohesive strategy-driven approach.

The Committee further notes that section 112 of the National Defense Authorization Act [NDAA] for Fiscal Year 2018 directs the Secretary of the Army to submit to the congressional defense committees a report, no later than January 31, 2018, detailing the Army’s strategy for “modernizing air-land ad-hoc, mobile tactical communications and data networks.” While the directed report will further inform the congressional defense committees of the details of the Army’s revised radio and tactical network modernization strategy, the Committee remains concerned that future years’ budget requests will adequately support the Army’s revised radio and tactical network modernization strategy.

Therefore, the Committee directs the Director, CAPE and the Director, DOT&E to perform an independent analysis of the report directed by the NDAA for fiscal year 2018. This report shall include an overall assessment of the Army’s radio and tactical network modernization plan; identification of specific capabilities, systems, or programs needed to meet the Army’s requirements; strategy for integration of networking systems; and independent assessments of the Secretary of the Army’s response to each report element outlined in section 112 of the NDAA for Fiscal Year 2018, including an assessment on the suitability and viability of the Army’s plan as it pertains to each element. The assessment shall be provided to congressional defense committees no later than May 1, 2018.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2017	\$16,135,335,000
Budget estimate, 2018	14,956,235,000
Committee recommendation	18,416,079,000

The Committee recommends an appropriation of \$18,416,079,000. This is \$3,459,844,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, NAVY							
COMBAT AIRCRAFT							
2	F/A-18E/F (FIGHTER) HORNET [MYP]	14	1,200,146	24	1,908,946	+10	+708,800
3	F/A-18E/F (FIGHTER) HORNET [MYP] (AP)	.....	52,971	.....	52,971	.....	.....
4	JOINT STRIKE FIGHTER CV	4	582,324	8	1,094,024	+4	+511,700
5	JOINT STRIKE FIGHTER CV [AP-CY]	.....	263,112	.....	263,112	.....	.....
6	JSF STOVL	20	2,398,139	24	2,810,939	+4	+412,800
7	JSF STOVL [AP-CY]	.....	413,450	.....	413,450	.....	.....
8	CH-53K (HEAVY LIFT)	4	567,605	6	817,605	+2	+250,000
9	CH-53K (HEAVY LIFT) [AP-CY]	.....	147,046	.....	147,046	.....	.....
10	V-22 (MEDIUM LIFT)	6	677,404	12	1,094,404	+6	+417,000
11	V-22 (MEDIUM LIFT) [AP-CY]	.....	27,422	.....	27,422	.....	.....
12	UH-1Y/AH-1Z	22	678,429	22	671,979	.....	-6,500
13	UH-1Y/AH-1Z [AP-CY]	.....	42,082	.....	42,082	.....	.....
14	MH-60R	.....	.....	8	400,000	+8	+400,000
16	P-8A POSEIDON	7	1,245,251	7	1,204,451	.....	-40,800
17	P-8A POSEIDON [AP-CY]	.....	140,333	.....	140,333	.....	.....
18	E-2D ADV HAWKEYE	5	733,910	5	716,310	.....	-17,600
19	E-2D ADV HAWKEYE [AP-CY]	.....	102,026	.....	121,626	.....	+19,600
TOTAL, COMBAT AIRCRAFT		.....	9,271,650	.....	11,926,650	.....	+2,655,000
TRAINER AIRCRAFT							
OTHER AIRCRAFT							
22	KC-130J	2	129,577	6	472,277	+4	+342,700
23	KC-130J [AP-CY]	.....	25,497	.....	25,497	.....	.....
24	MQ-4 TRITON	3	522,126	3	498,326	.....	-23,800
25	MQ-4 TRITON [AP-CY]	.....	57,266	.....	57,266	.....	.....
26	MQ-8 UAV	.....	49,472	.....	43,672	.....	-5,800
27	STUASLO UAV	.....	880	.....	880	.....	.....
TOTAL, OTHER AIRCRAFT		.....	784,818	.....	1,097,918	.....	+313,100

30	MODIFICATION OF AIRCRAFT				
31	AEA SYSTEMS	52,960	52,960		
32	AV-8 SERIES	43,555	43,555		
33	ADVERSARY	2,565	2,565		
34	F-18 SERIES	943,661	1,080,761		+ 137,100
35	H-53 SERIES	38,712	38,712		
36	SH-60 SERIES	95,333	95,333		
37	H-1 SERIES	101,886	101,886		
38	EP-3 SERIES	7,231	7,231		
39	P-3 SERIES	700	700		
40	E-2 SERIES	97,563	81,813		- 15,750
41	TRAINER A/C SERIES	8,184	8,184		
42	C-2A	18,673	18,673		
43	C-130 SERIES	83,541	83,541		
44	FEWSG	630	630		
45	CARGO/TRANSPORT A/C SERIES	10,075	10,075		
46	E-6 SERIES	223,508	210,608		- 12,900
47	EXECUTIVE HELICOPTERS SERIES	38,787	38,787		
48	SPECIAL PROJECT AIRCRAFT	8,304	8,304		
49	T-45 SERIES	148,071	176,021		+ 27,950
50	POWER PLANT CHANGES	19,827	19,827		
51	JPATS SERIES	27,007	22,307		- 4,700
52	COMMON ECM EQUIPMENT	146,642	146,642		
53	COMMON AVIONICS CHANGES	123,507	123,507		
54	COMMON DEFENSIVE WEAPON SYSTEM	2,317	2,317		
55	ID SYSTEMS	49,524	49,524		
56	P-8 SERIES	18,665	14,865		- 3,800
57	MAGTF EW FOR AVIATION	10,111	10,111		
58	MQ-8 SERIES	32,361	27,561		- 4,800
59	V-22 (TILT/ROTOR ACFT) OSPREY	228,321	228,321		
60	F-35 STOVL SERIES	34,963	34,963		
61	F-35 CV SERIES	31,689	31,689		
62	QUICK REACTION CAPABILITY (QRC)	24,766	24,766		
63	MQ-4 SERIES	39,996	13,296		- 26,700
	TOTAL, MODIFICATION OF AIRCRAFT	2,713,635	2,810,035		+ 96,400
64	AIRCRAFT SPARES AND REPAIR PARTS	1,681,914	2,077,258		+ 395,344
	SPARES AND REPAIR PARTS				

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
65	COMMON GROUND EQUIPMENT		388,052		388,052		
66	AIRCRAFT INDUSTRIAL FACILITIES		24,613		24,613		
67	WAR CONSUMABLES		39,614		39,614		
68	OTHER PRODUCTION CHARGES		1,463		1,463		
69	SPECIAL SUPPORT EQUIPMENT		48,500		48,500		
70	FIRST DESTINATION TRANSPORTATION		1,976		1,976		
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES		504,218		504,218		
	TOTAL, AIRCRAFT PROCUREMENT, NAVY		14,956,235		18,416,079		+ 3,459,844

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
2	F/A-18E/F (Fighter) Hornet	1,200,146	1,908,946	+ 708,800
	Program increase: Ten aircraft			+ 739,000
	Maintain program affordability: Support costs excess to need			- 30,200
4	Joint Strike Fighter CV	582,324	1,094,024	+ 511,700
	Program increase: Two aircraft for the Navy			+ 270,000
	Program increase: Two aircraft for the Marine Corps			+ 270,000
	Improving funds management: Non-recurring cost prior year carryover			- 18,300
	Restoring acquisition accountability: Unit cost savings			- 10,000
6	JSF STOVL	2,398,139	2,810,939	+ 412,800
	Program increase: Four aircraft for the Marine Corps			+ 480,000
	Improving funds management: Non-recurring cost prior year carryover			- 43,200
	Restoring acquisition accountability: Unit cost savings			- 24,000
8	CH-53K (Heavy Lift)	567,605	817,605	+ 250,000
	Program increase: Two aircraft for the Marine Corps			+ 250,000
10	V-22 (Medium Lift)	677,404	1,094,404	+ 417,000
	Program increase: Two aircraft for the Navy			+ 175,000
	Program increase: Four aircraft for the Marine Corps			+ 320,000
	Restoring acquisition accountability: Unit cost savings			- 72,000
	Maintain program affordability: ECO excess to need			- 6,000
12	H-1 Upgrades (UH-1Y/AH-1Z)	678,429	671,929	- 6,500
	Maintain program affordability: ECO excess to need			- 6,500
15	MH-60R (MYP)		400,000	+ 400,000
	Program increase: Maintain MH-60R production line through fiscal year 2018			+ 400,000
16	P-8A Poseidon	1,245,251	1,204,451	- 40,800
	Maintain program affordability: Excess support costs			- 40,800
18	E-2D Adv Hawkeye	733,910	716,310	- 17,600
	Improving funds management: Support equipment forward financed			- 17,600
19	E-2D Adv Hawkeye—AP	102,026	121,626	+ 19,600
	Program increase—lead long for 5 aircraft in fiscal year 2019			+ 19,600
22	KC-130J	129,577	472,277	+ 342,700
	Program increase: Four aircraft for the Marine Corps			+ 342,700
24	MQ-4 Triton	522,126	498,326	- 23,800
	Restoring acquisition accountability: Support costs early to need			- 23,800
26	MQ-8 UAV	49,472	43,672	- 5,800
	Restoring acquisition accountability: Production line shut-down funding early to need			- 5,800
33	F-18 Series	943,661	1,080,761	+ 137,100
	Program increase: T-45 and F/A-18 physiological episodes funding			+ 56,000
	Program increase: ALQ-214 USMC retrofits			+ 65,100
	Program increase: ALR-67(V)3 retrofit A-kits and partial B-Kits			+ 16,000
39	E-2 Series	97,563	81,813	- 15,750
	Restoring acquisition accountability: Aerial refueling installations early to need			- 15,750
45	E-6 Series	223,508	210,608	- 12,900
	Maintain program affordability: Excess installation costs			- 7,300
	Improving funds management: Tech insertion (OSIP 003-04) forward financed			- 5,600
48	T-45 Series	148,071	176,021	+ 27,950
	Program increase: T-45 and F/A-18 physiological episodes funding			+ 27,950

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
50	JPATS Series	27,007	22,307	- 4,700
	Improving funds management: Forward financed			- 4,700
55	P-8 Series	18,665	14,865	- 3,800
	Restoring acquisition accountability: Increment 3 kits and installation equipment early to need			- 3,800
57	MQ-8 Series	32,361	27,561	- 4,800
	Restoring acquisition accountability: Radar upgrade II early to need			- 4,800
63	MQ-4 Series	39,996	13,296	- 26,700
	Kits early to need			- 26,700
64	Spares and Repair Parts	1,681,914	2,077,258	+ 395,344
	Program increase: Improve aircraft readiness			+ 375,000
	Program increase: KC-130J initial spares for four additional aircraft			+ 12,844
	Program increase: CH-53K initial spares for two additional aircraft			+ 7,500

Navy Strike Fighter Inventory Shortfall.—The Committee commends the Navy for budgeting for 80 F/A-18E/F Super Hornets over the next 5 years, instead of relying on Congress to address the Navy’s strike fighter inventory shortfall. The Committee is hopeful that the additional F/A-18s, in concert with the procurement of 5th generation aircraft and the ongoing modernization of 4th generation aircraft, will continue to reduce the Navy’s strike fighter inventory shortfall. With the submission of the fiscal year 2019 budget request, the Committee directs the Secretary of the Navy to provide a report to the congressional defense committees on the status of the Navy’s strike fighter inventory shortfall. The report should address all investment, modernization, and sustainment efforts that impact the strike fighter inventory shortfall, including: the Legacy Hornet modernization effort, the plan to modernize the Super Hornet fleet to a Block III configuration, trends in the utilization and demand of the current F-18 fleet, and the long-term plans to procure F-35C and MQ-25 aircraft.

Multiyear Procurement Contracts.—In the fiscal year 2018 budget request, the Department of the Navy requests authority for a new multiyear procurement [MYP] contract for the V-22 aircraft program for a period of 7 years through fiscal year 2024. A MYP contract beyond 5 years runs counter to the authorities provided in previous appropriations acts. Also, Section 2306b of title 10, United States Code limits the time period of MYP contracts to no more than 5 years. The Committee recommends maintaining the 5-year limit for MYP contracts due to the greater level of uncertainty in procurements beyond 5 years and the statute’s consistency with the budgetary planning horizon of the Department. The Committee recommendation includes \$1,094,404,000 for the procurement of 12 V-22 aircraft, an increase of 6 aircraft above the budget request, and encourages the Department of the Navy to maintain a stable procurement profile for V-22 in the fiscal year 2019 budget request. The Committee understands that the Navy and Marine Corps would save nearly \$800,000,000 by procuring the aircraft over a 5-year period. As a result, the Committee recommends a unit cost savings of \$72,000,000, which it recommends reinvesting into additional aircraft.

In addition, the Committee understands that the Department of the Navy might request in fiscal year 2019 a new MYP contract for the E-2D program for a period of 6 years. The Committee recommendation includes \$121,626,000 for E-2D advance procurement, an increase of \$19,600,000, to support the procurement of long-lead items for 5 aircraft, instead of 4 aircraft, in fiscal year 2019. The Committee encourages the Department of the Navy to complete the E-2D buy in 5 years beginning in fiscal year 2019.

WEAPONS PROCUREMENT, NAVY

Appropriations, 2017	\$3,265,285,000
Budget estimate, 2018	3,420,107,000
Committee recommendation	3,393,458,000

The Committee recommends an appropriation of \$3,393,458,000. This is \$26,649,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	WEAPONS PROCUREMENT, NAVY						
	BALLISTIC MISSILES						
	MODIFICATION OF MISSILES						
1	TRIDENT II MODS		1,143,595		1,140,987		-2,608
2	SUPPORT EQUIPMENT AND FACILITIES		7,086		7,086		
	MISSILE INDUSTRIAL FACILITIES						
	TOTAL, BALLISTIC MISSILES		1,150,681		1,148,073		-2,608
	OTHER MISSILES						
	STRATEGIC MISSILES						
3	TOMAHAWK	34	134,375	34	134,375		
	TACTICAL MISSILES						
4	AMRAM	120	197,109	120	186,915		-10,194
5	SIDEWINDER	185	79,692	185	78,999		-693
6	JSOW		5,487		5,487		
7	STANDARD MISSILE	117	510,875	117	453,403		-57,472
8	SMALL DIAMETER BOMB II	90	20,968	90	20,968		
9	RAM	60	58,587	120	106,587		+48,000
10	JOINT AIR GROUND MISSILE [JAGM]		3,789		3,789		
13	STAND OFF PRECISION GUIDED MUNITIONS [SOPGM]	19	3,122	19	3,122		
14	AERIAL TARGETS		124,757		124,757		
15	OTHER MISSILE SUPPORT		3,420		3,420		
16	LRASM	25	74,733	25	74,733		
	MODIFICATION OF MISSILES						
17	ESSM	30	74,524	30	74,524		
19	HARPOON MODS		17,300		17,300		
20	HARM MODS		183,368		183,368		
21	STANDARD MISSILES MODS		11,729		11,729		
	SUPPORT EQUIPMENT AND FACILITIES						
22	WEAPONS INDUSTRIAL FACILITIES		4,021		4,021		

23	FLEET SATELLITE COMM FOLLOW-ON					41,540				-4,817
25	ORDNANCE SUPPORT EQUIPMENT					47,159				
	ORDNANCE SUPPORT EQUIPMENT									
	TOTAL, OTHER MISSILES					1,601,372				-25,176
	TORPEDOES AND RELATED EQUIPMENT									
26	TORPEDOES AND RELATED EQUIP					5,240				
27	SSID	17				44,771	17			
28	MK-48 TORPEDO					12,399				
	ASW TARGETS									
	MOD OF TORPEDOES AND RELATED EQUIP					104,044				
29	MK-54 TORPEDO MODS					38,954				-5,300
30	MK-48 TORPEDO ADCAP MODS					10,337				-2,565
31	QUICKSTRIKE MINE									
	SUPPORT EQUIPMENT					70,383				
32	TORPEDO SUPPORT EQUIPMENT					3,864				
33	ASW RANGE SUPPORT									
	DESTINATION TRANSPORTATION					3,961				
34	FIRST DESTINATION TRANSPORTATION									
	TOTAL, TORPEDOES AND RELATED EQUIPMENT					293,953				-7,865
	OTHER WEAPONS									
35	GUNS AND GUN MOUNTS					11,332				
	SMALL ARMS AND WEAPONS									
	MODIFICATION OF GUNS AND GUN MOUNTS					72,698				
36	CWS MODS					38,931				+9,000
37	COAST GUARD WEAPONS					76,025				
38	GUN MOUNT MODS					13,110	110			
39	LCS MODULE WEAPONS	110				34,825				
40	CRUISER MODERNIZATION WEAPONS					16,925				
41	AIRBORNE MINE NEUTRALIZATION SYSTEMS									
	TOTAL, OTHER WEAPONS					263,846				+9,000
43	SPARES AND REPAIR PARTS					110,255				

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	TOTAL, WEAPONS PROCUREMENT, NAVY		3,420,107		3,393,458		- 26,649

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	Trident II Mods	1,143,595	1,140,987	- 2,608
	Restoring acquisition accountability: SPALT kits cost growth			- 1,476
	Restoring acquisition accountability: SRM cost growth			- 1,132
4	AMRAAM	197,109	186,915	- 10,194
	Restoring acquisition accountability: Obsolescence up-grade concurrency			- 22,194
	Program increase: Air to air training rounds and CVN magazine alterations			+ 12,000
5	Sidewinder	79,692	78,999	- 693
	Restoring acquisition accountability: AUR and CATM cost growth			- 693
7	Standard Missile	510,875	453,403	- 57,472
	Classified program adjustment			- 57,472
9	RAM	58,587	106,587	+ 48,000
	Program increase: RAM BLK II increase (+ 60 missiles) (From 60 to 120)			+ 48,000
23	Fleet Satellite Comm Follow-On	46,357	41,540	- 4,817
	Restoring acquisition accountability: Ground system cost growth			- 4,817
29	MK-54 Torpedo Mods	104,044	98,744	- 5,300
	Improving funds management: HAWC procurement early to need			- 5,300
31	Quickstrike Mine	10,337	7,772	- 2,565
	Improving funds management: Prior year carryover			- 2,565
37	Coast Guard Weapons	38,931	47,931	+ 9,000
	Program increase: MK110 Gun for NSC 10			+ 9,000

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2017	\$633,678,000
Budget estimate, 2018	792,345,000
Committee recommendation	817,495,000

The Committee recommends an appropriation of \$817,495,000. This is \$25,150,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROC AMMO, NAVY						
	NAVY AMMUNITION						
1	GENERAL PURPOSE BOMBS		34,882		34,882		
2	JDM	2,492	57,343	2,492	57,343		
3	AIRBORNE ROCKETS, ALL TYPES		79,318		76,318		-3,000
4	MACHINE GUN AMMUNITION		14,112		14,112		
5	PRACTICE BOMBS		47,027		43,427		-3,600
6	CARTRIDGES & CART ACTUATED DEVICES		57,718		55,718		-2,000
7	AIR EXPENDABLE COUNTERMEASURES		65,908		65,908		
8	JATOS		2,895		2,895		
10	5 INCH/54 GUN AMMUNITION		22,112		22,112		
11	INTERMEDIATE CALIBER GUN AMMUNITION		12,804		12,804		
12	OTHER SHIP GUN AMMUNITION		41,594		41,594		
13	SMALL ARMS & LANDING PARTY AMMO		49,401		49,401		
14	PYROTECHNIC AND DEMOLITION		9,495		9,495		
16	AMMUNITION LESS THAN \$5 MILLION		3,080		2,930		-150
	TOTAL, PROC AMMO, NAVY		497,689		488,939		-8,750
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
20	MORTARS		24,118		49,618		+25,500
23	DIRECT SUPPORT MUNITIONS		64,045		59,445		-4,600
24	INFANTRY WEAPONS AMMUNITION		91,456		91,456		
29	COMBAT SUPPORT MUNITIONS		11,788		11,788		
32	AMMO MODERNIZATION		17,862		17,862		
33	ARTILLERY MUNITIONS		79,427		96,427		+17,000
34	ITEMS LESS THAN \$5 MILLION		5,960		1,960		-4,000
	TOTAL, PROC AMMO, MARINE CORPS		294,656		328,556		+33,900
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		792,345		817,495		+25,150

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
3	Airborne Rockets, All Types	79,318	76,318	- 3,000
	Restoring acquisition accountability: Unit cost discrepancy (APKWS)			- 3,000
5	Practice Bombs	47,027	43,427	- 3,600
	Restoring acquisition accountability: Schedule slips (MK76)			- 3,600
6	Cartridges & Cart Actuated Devices	57,718	55,718	- 2,000
	Improving funds management: Prior year carryover (Misc. Devices)			- 2,000
16	Ammunition Less Than \$5 Million	3,080	2,930	- 150
	Restoring acquisition accountability: Unit cost growth (LUU-19)			- 150
20	Mortars	24,118	49,618	+ 25,500
	Program increase: 60mm full range practice round			+ 11,000
	Program increase: 81mm full range practice round			+ 14,500
23	Direct Support Munitions	64,045	59,445	- 4,600
	Improving funds management: Prior year carryover			- 4,600
33	Artillery Munitions	79,427	96,427	+ 17,000
	Program increase: 155mm HE training round			+ 17,000
34	Items Less Than \$5 Million	5,960	1,960	- 4,000
	Improving funds management: Prior year carryover			- 4,000

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 2017	\$21,156,886,000
Budget estimate, 2018	20,403,607,000
Committee recommendation	21,816,923,000

The Committee recommends an appropriation of \$21,816,923,000. This is \$1,413,316,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
SHIPBUILDING & CONVERSION, NAVY							
1	FLEET BALLISTIC MISSILE SHIPS						
	OHIO REPLACEMENT SUBMARINE		842,853		842,853		
OTHER WARSHIPS							
2	CARRIER REPLACEMENT PROGRAM	1	1,880,714	1	1,580,714		-300,000
3	CARRIER REPLACEMENT PROGRAM [AP-CY]		2,561,058		2,561,058		
4	VIRGINIA CLASS SUBMARINE	2	3,305,315	2	3,480,315		+175,000
5	VIRGINIA CLASS SUBMARINE [AP-CY]		1,920,596		1,920,596		
6	CVN REFUELING OVERHAUL		1,604,890		1,604,890		
7	CVN REFUELING OVERHAULS [AP-CY]		75,897		75,897		
8	DDG 1000		223,968		223,968		
9	DDG-51	2	3,499,079	2	3,329,079		-170,000
10	DDG-51 [AP-CY]		90,336		90,336		
11	LITTORAL COMBAT SHIP	2	1,136,071	2	1,136,071		
	TOTAL, OTHER WARSHIPS		16,297,924		16,002,924		-295,000
AMPHIBIOUS SHIPS							
12	AMPHIBIOUS SHIP REPLACEMENT			1	1,000,000		+1,000,000
15	LHA REPLACEMENT		1,710,927		1,710,927		
	TOTAL, AMPHIBIOUS SHIPS		1,710,927		2,710,927		+1,000,000
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS							
22	EXPEDITIONARY FAST TRANSPORT (EFT)			1	225,000		+225,000
18	TAO FLEET OILER	1	465,988	1	465,988		
19	TAO FLEET OILER [AP-CY]		75,068		75,068		
20	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	1	76,204				-76,204
23	LCU 1700	1	31,850				-31,850
23A	T-AGS OCEANOGRAPHIC SURVEY SHIP			1	150,000		+150,000
24	OUTFITTING		548,703		489,073		-59,630
25	SHIP TO SHORE CONNECTOR	3	212,554	8	524,554		+312,000
26	SERVICE CRAFT		23,994		62,994		+39,000
29	COMPLETION OF PY SHIPBUILDING PROGRAMS		117,542		117,542		

31	POLAR ICEBREAKERS (AP)					150,000		+ 150,000
	TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM		1,551,903			2,260,219		+ 708,316
	TOTAL, SHIPBUILDING & CONVERSION, NAVY		20,403,607			21,816,923		+ 1,413,316

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
2	Carrier Replacement Program	1,880,714	1,580,714	- 300,000
	Improving funds management: Reduction in end cost projection (CVN 80)			- 300,000
4	Virginia Class Submarine	3,305,315	3,480,315	+ 175,000
	Program increase: Industrial base expansion			+ 175,000
9	DDG-51	3,499,079	3,329,079	- 170,000
	Restoring acquisition accountability: AMDR previously funded			- 170,000
12	Amphibious Ship Replacement		1,000,000	+ 1,000,000
	Program increase: Incremental funding for LX-R or LPD-30			+ 1,000,000
17	Expeditionary Fast Transport [EPF]		225,000	+ 225,000
	Program increase: One additional ship			+ 225,000
20	Towing, Salvage, and Rescue Ship (ATS)	76,204		- 76,204
	Improving funds management: Program delays			- 76,204
23	LCU 1700	31,850		- 31,850
	Improving funds management: Program delays			- 31,850
23A	T-AGS Oceanographic Survey Ships		150,000	+ 150,000
	Program increase: T-AGS oceanographic survey ship ...			+ 150,000
24	Outfitting	548,703	489,073	- 59,630
	Improving funds management: Outfitting and post delivery funds early to need			- 59,630
25	Ship to Shore Connector	212,554	524,554	+ 312,000
	Program increase: Additional craft			+ 312,000
26	Service Craft	23,994	62,994	+ 39,000
	Program increase: Berthing Barge to avert production break			+ 39,000
31	Polar Icebreaker		150,000	+ 150,000
	Program increase			+ 150,000

Submarine Industrial Base.—The fiscal year 2018 President’s budget includes \$1,884,500,000 for the Ohio-class replacement program [ORP] and \$5,581,500,000 for the Virginia-class program [VA] in Research, Development, Test and Evaluation, Navy; Shipbuilding and Conversion, Navy; and Other Procurement, Navy. The Committee understands that the budget request fully funds the programs’ respective cost estimates and recommends full funding. Further, the Committee notes that no special acquisition or funding authorities in addition to those previously provided have been requested in the President’s budget or are required in fiscal year 2018.

The Committee notes recent major accomplishments in these programs, including the approval of Milestone B for ORP in November 2016 and award of the ORP Integrated Product and Process Development contract in September 2017. Additionally, significant upcoming milestones include the cut-in to production of the Virginia Payload Module [VPM] in fiscal year 2019 and a planned ten-ship multi-year procurement contract award for the Virginia-class program in fiscal year 2018.

The Committee is aware of several issues that could potentially introduce risk to these programs, including: cost and schedule concerns raised by the shipbuilder regarding the Virginia-class Block V multi-year procurement program; capacity constraints at sub-tier

vendors impacting critical component deliveries; schedule delays in design completions across the enterprise requiring aggressive remedial schedules; vendor oversight issues; loss of schedule margin in certain prototype manufacturing; and consistent manning shortfalls across all submarine programs. The Committee understands that these issues have not yet negatively affected costs and schedules of the ORP and VA programs. However, the Committee is concerned with the accumulation of challenges and encourages the Secretary of the Navy and the Chief of Naval Operations to remain focused on addressing these issues. The Committee recommends an additional \$175,000,000 in Shipbuilding and Conversion, Navy for submarine industrial base expansion in support of Navy efforts to implement action plans to improve readiness assessments of critical suppliers for the ORP and VA shipbuilding enterprise.

DDG 51 Destroyer.—The fiscal year 2018 budget request includes \$3,499,079,000 for the procurement of two DDG–51 Arleigh Burke class Flight III guided missile destroyers. The Committee supports the Department of the Navy’s plans to procure additional DDG–51s, including the request for Multi Year Procurement Authority of up to ten DDGs from fiscal year 2018 to fiscal year 2022 at a cost of \$17,865,433,000, a cost avoidance of \$1,833,209,000 compared to annual pricing. However, the Committee notes that subsequent to the delivery of the fiscal year 2018 budget request, two DDG–51 Flight III ships have gone under contract. The Committee also notes that the Government Accountability Office [GAO] has expressed concerns about the Navy’s limited detail design knowledge to support the current Flight III procurement strategy in GAO report 16–613. Therefore, the Committee directs the Director, Cost Assessment and Program Evaluation, to provide with the fiscal year 2019 budget submission an updated Independent Cost Estimate for the DDG–51 Multi Year Procurement program. This report is also addressed in section 8010 of this bill.

Further, the Secretary of the Navy shall report to the congressional defense committees no later than February 28, 2018, on the multiyear acquisition strategy to include a contracting plan that addresses workload balance, stability and viability for both shipbuilders.

LHA Acceleration.—The fiscal year 2018 President’s budget request includes \$1,710,927,000 for the LHA replacement program to complete construction of LHA 8. The Committee supports the full request for the procurement of LHA 8 but notes with concern that the Department of the Navy’s program of record reflects a seven year planned break in production between LHA 8 and 9. The Committee believes the Navy’s current LHA build plan does not take advantage of the efficiencies and subsequent cost avoidance inherent in maintaining an active industrial base for the amphibious fleet. During the Committee’s fiscal year 2018 budget review of Navy shipbuilding programs, the Navy proposed acceleration of multiple platforms, including various advanced procurement, economic order quantities, industrial base support, and block buy proposals, but did not propose any options for accelerating the procurement of amphibious assault ships to support the Marine Corps amphibious lift requirements. Therefore, the Committee directs the Assistant Secretary of the Navy (Research, Development and Ac-

quisition) to brief the congressional defense committees on the potential cost avoidance accomplished by an accelerated LHA 9 procurement schedule. Further, the Secretary of the Navy, in consultation with the Commandant of the Marine Corps, shall report to the congressional defense committees on the impact of the planned break in production on Marine Corps Amphibious Readiness Group and Marine Expeditionary Unit operations.

OTHER PROCUREMENT, NAVY

Appropriations, 2017	\$6,308,919,000
Budget estimate, 2018	7,902,864,000
Committee recommendation	8,115,384,000

The Committee recommends an appropriation of \$8,115,384,000. This is \$212,520,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
3	SHIP PROPULSION EQUIPMENT		41,910		41,910		
4	SURFACE POWER EQUIPMENT		6,331				-6,331
	HYBRID ELECTRIC DRIVE (HED)						
5	GENERATORS						
	SURFACE COMBATANT HM&E		27,392		27,392		
6	NAVIGATION EQUIPMENT						
	OTHER NAVIGATION EQUIPMENT		65,943		65,943		
	PERISCOPES						
8	SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM		151,240		180,240		+29,000
9	OTHER SHIPBOARD EQUIPMENT						
	DDG MOD		603,355		601,980		-1,375
10	FIGHTING EQUIPMENT		15,887		15,887		
11	COMMAND AND CONTROL SWITCHBOARD		2,240		2,240		
12	LHA/LHD MIDLIFE		4,287		4,287		
14	POLLUTION CONTROL EQUIPMENT		17,293		17,293		
15	SUBMARINE SUPPORT EQUIPMENT		27,990		27,990		
16	VIRGINIA CLASS SUPPORT EQUIPMENT		46,610		46,610		
17	LCS CLASS SUPPORT EQUIPMENT		47,955		47,955		
18	SUBMARINE BATTERIES		17,594		22,594		+5,000
19	LPD CLASS SUPPORT EQUIPMENT		61,908		61,908		
21	STRATEGIC PLATFORM SUPPORT EQUIP		15,812		15,812		
22	DSSP EQUIPMENT		4,178		4,178		
23	CRUISER MODERNIZATION		306,050		299,088		-6,962
24	LCAC		5,507		5,507		
25	UNDERWATER EOD PROGRAMS		55,922		55,922		
26	ITEMS LESS THAN \$5 MILLION		96,909		96,909		
27	CHEMICAL WARFARE DETECTORS		3,036		3,036		
28	SUBMARINE LIFE SUPPORT SYSTEM		10,364		5,596		-4,768

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
30	REACTOR PLANT EQUIPMENT		534,468		534,468		
	REACTOR COMPONENTS						
31	OCEAN ENGINEERING		10,619		10,619		
	DIVING AND SALVAGE EQUIPMENT						
32	SMALL BOATS		46,094		46,094		
	STANDARD BOATS						
	PRODUCTION FACILITIES EQUIPMENT						
34	OPERATING FORCES IPE		191,541		187,562		-3,979
	OTHER SHIP SUPPORT						
36	LCS COMMON MISSION MODULES EQUIPMENT		34,666		18,760		-15,906
37	LCS MCM MISSION MODULES		55,870		48,068		-7,802
39	LCS SWW MISSION MODULES		52,960		20,925		-32,035
40	LCS IN-SERVICE MODERNIZATION		74,426		158,426		+84,000
	LOGISTICS SUPPORT						
42	LSD MIDLIFE AND MODERNIZATION		75,536		75,536		
	TOTAL, SHIPS SUPPORT EQUIPMENT		2,711,893		2,750,735		+38,842
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	SHIP SONARS						
43	SPQ-9B RADAR		20,086		18,993		-1,093
44	AN/SQQ-89 SURF ASW COMBAT SYSTEM		102,222		102,222		
46	SSN ACOUSTICS EQUIPMENT		287,553		314,553		+27,000
47	UNDERSEA WARFARE SUPPORT EQUIPMENT		13,653		13,653		
	ASW ELECTRONIC EQUIPMENT						
49	SUBMARINE ACOUSTIC WARFARE SYSTEM		21,449		21,449		
50	SSTD		12,867		12,867		
51	FIXED SURVEILLANCE SYSTEM		300,102		330,102		+30,000
52	SURTASS		30,180		40,180		+10,000
	ELECTRONIC WARFARE EQUIPMENT						
54	AN/SLO-32		240,433		240,433		

55	RECONNAISSANCE EQUIPMENT	187,007	218,178	218,178	+ 31,171
56	SHIPBOARD IW EXPLOIT	510	4,592	4,592	+ 4,082
	AUTOMATED IDENTIFICATION SYSTEM (AIS)				
	OTHER SHIP ELECTRONIC EQUIPMENT				
58	COOPERATIVE ENGAGEMENT CAPABILITY	23,892	27,892	27,892	+ 4,000
60	NAVAL TACTICAL COMMAND SUPPORT SYSTEM [NTCSS]	10,741	10,741	10,741	
61	ATDLS	38,016	38,016	38,016	
62	NAVY COMMAND AND CONTROL SYSTEM [NCCS]	4,512	4,512	4,512	
63	MINESWEEPING SYSTEM REPLACEMENT	31,531	59,531	59,531	+ 28,000
64	SHALLOW WATER MCM	8,796	8,796	8,796	
65	NAVSTAR GPS RECEIVERS (SPACE)	15,923	15,923	15,923	
66	ARMED FORCES RADIO AND TV	2,730	2,730	2,730	
67	STRATEGIC PLATFORM SUPPORT EQUIP	6,889	6,889	6,889	
	AVIATION ELECTRONIC EQUIPMENT				
70	ASHORE ATC EQUIPMENT	71,882	71,882	71,882	
71	AFLAOT ATC EQUIPMENT	44,611	44,611	44,611	
77	ID SYSTEMS	21,239	21,239	21,239	
78	NAVAL MISSION PLANNING SYSTEMS	11,976	12,976	12,976	+ 1,000
	OTHER SHORE ELECTRONIC EQUIPMENT				
80	TACTICAL/MOBILE C4I SYSTEMS	32,425	32,425	32,425	
81	DCGS-N	13,790	13,790	13,790	
82	CANES	322,754	316,984	316,984	- 5,770
83	RADIAC	10,718	10,718	10,718	
84	CANES-INTELL	48,028	47,263	47,263	- 765
85	GPETE	6,861	6,861	6,861	
86	MASF	8,081	8,081	8,081	
87	INTEG COMBAT SYSTEM TEST FACILITY	5,019	5,019	5,019	
88	EMI CONTROL INSTRUMENTATION	4,188	4,188	4,188	
89	ITEMS LESS THAN \$5 MILLION	105,292	112,603	112,603	+ 7,311
	SHIPBOARD COMMUNICATIONS				
90	SHIPBOARD TACTICAL COMMUNICATIONS	23,695	23,695	23,695	
91	SHIP COMMUNICATIONS AUTOMATION	103,990	97,363	97,363	- 6,627
92	COMMUNICATIONS ITEMS UNDER \$5M	18,577	18,577	18,577	
	SUBMARINE COMMUNICATIONS				
93	SUBMARINE BROADCAST SUPPORT	29,669	29,669	29,669	
94	SUBMARINE COMMUNICATION EQUIPMENT	86,204	86,204	86,204	

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
95	SATELLITE COMMUNICATIONS SYSTEMS		14,654		14,654		
96	SATELLITE COMMUNICATIONS SYSTEMS		69,764		67,371		-2,393
	NAVY MULTIBAND TERMINAL [NMT]						
	SHORE COMMUNICATIONS						
97	JCS COMMUNICATIONS EQUIPMENT		4,256		4,256		
	CRYPTOGRAPHIC EQUIPMENT						
99	INFO SYSTEMS SECURITY PROGRAM [ISSP]		89,663		101,663		+ 12,000
100	MIO INTEL EXPLOITATION TEAM		961		961		
	CRYPTOLOGIC EQUIPMENT						
101	CRYPTOLOGIC COMMUNICATIONS EQUIP		11,287		11,287		
	OTHER ELECTRONIC SUPPORT						
110	COAST GUARD EQUIPMENT		36,584		36,584		
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		2,555,260		2,693,176		+ 137,916
	AVIATION SUPPORT EQUIPMENT						
	SONOBUOYS						
112	SONOBUOYS—ALL TYPES		173,616		173,616		
	AIRCRAFT SUPPORT EQUIPMENT						
113	WEAPONS RANGE SUPPORT EQUIPMENT		72,110		72,110		
114	AIRCRAFT SUPPORT EQUIPMENT		108,482		108,482		
115	ADVANCED ARRESTING GEAR (AAG)		10,900		10,900		
116	METEOROLOGICAL EQUIPMENT		21,137		21,137		
117	OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL)		660		660		
118	AIRBORNE MINE COUNTERMEASURES		20,605		20,605		
119	AVIATION SUPPORT EQUIPMENT		34,032		34,750		+ 718
	TOTAL, AVIATION SUPPORT EQUIPMENT		441,542		442,260		+ 718
	ORDNANCE SUPPORT EQUIPMENT						
	SHIP GUN SYSTEM EQUIPMENT						
120	SHIP GUN SYSTEMS EQUIPMENT		5,277		5,277		

121	SHIP MISSILE SYSTEMS EQUIPMENT	272,359	272,359	272,359	272,359	
122	SHIP MISSILE SUPPORT EQUIPMENT	73,184	73,184	73,184	73,184	
	TOMAHAWK SUPPORT EQUIPMENT					
123	FBM SUPPORT EQUIPMENT	246,221	246,221	246,221	246,221	
	STRATEGIC MISSILE SYSTEMS EQUIP					
	ASW SUPPORT EQUIPMENT					
124	SSN COMBAT CONTROL SYSTEMS	149,972	149,972	149,972	149,972	+ 20,000
125	ASW SUPPORT EQUIPMENT	23,209	23,209	23,209	23,209	
	OTHER ORDNANCE SUPPORT EQUIPMENT					
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	15,596	15,596	15,596	15,596	
127	ITEMS LESS THAN \$5 MILLION	5,981	5,981	5,981	5,981	
	OTHER EXPENDABLE ORDNANCE					
128	SUBMARINE TRAINING DEVICE MODS	74,550	74,550	74,550	74,550	
130	SURFACE TRAINING EQUIPMENT	83,022	83,022	83,022	83,022	-2,856
	TOTAL, ORDNANCE SUPPORT EQUIPMENT	929,371	929,371	946,515	946,515	+ 17,144
	CIVIL ENGINEERING SUPPORT EQUIPMENT					
131	PASSENGER CARRYING VEHICLES	5,299	5,299	5,299	5,299	
132	GENERAL PURPOSE TRUCKS	2,946	2,946	2,946	2,946	
133	CONSTRUCTION & MAINTENANCE EQUIP	34,970	34,970	34,970	34,970	
134	FIRE FIGHTING EQUIPMENT	2,541	2,541	2,541	2,541	
135	TACTICAL VEHICLES	19,699	19,699	19,699	19,699	
136	AMPHIBIOUS EQUIPMENT	12,162	12,162	12,162	12,162	
137	POLLUTION CONTROL EQUIPMENT	2,748	2,748	2,748	2,748	
138	ITEMS UNDER \$5 MILLION	18,084	18,084	18,084	18,084	
139	PHYSICAL SECURITY VEHICLES	1,170	1,170	1,170	1,170	
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT	99,619	99,619	99,619	99,619	
	SUPPLY SUPPORT EQUIPMENT					
141	SUPPLY EQUIPMENT	21,797	21,797	21,797	21,797	
143	FIRST DESTINATION TRANSPORTATION	5,572	5,572	5,572	5,572	
144	SPECIAL PURPOSE SUPPLY SYSTEMS	482,916	482,916	482,916	482,916	
	TOTAL, SUPPLY SUPPORT EQUIPMENT	510,285	510,285	510,285	510,285	

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
	TRAINING DEVICES						
146	TRAINING AND EDUCATION EQUIPMENT		25,624		25,624		
147	COMMAND SUPPORT EQUIPMENT		59,076		57,976		-1,100
149	MEDICAL SUPPORT EQUIPMENT		4,383		4,383		
151	NAVAL MIP SUPPORT EQUIPMENT		2,030		2,030		
152	OPERATING FORCES SUPPORT EQUIPMENT		7,500		7,500		
153	C4ISR EQUIPMENT		4,010		4,010		
154	ENVIRONMENTAL SUPPORT EQUIPMENT		23,644		23,644		
155	PHYSICAL SECURITY EQUIPMENT		101,982		120,982		+19,000
156	ENTERPRISE INFORMATION TECHNOLOGY		19,789		19,789		
160	NEXT GENERATION ENTERPRISE SERVICE		104,584		104,584		
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT		352,622		370,522		+17,900
161	SPARES AND REPAIR PARTS		278,565		278,565		
	CLASSIFIED PROGRAMS		23,707		23,707		
	TOTAL, OTHER PROCUREMENT, NAVY		7,902,864		8,115,384		+212,520

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
4	Hybrid Electric Drive (HED)	6,331	.....	- 6,331
	Program termination .....	.....	.....	- 6,331
8	Sub Periscope, Imaging and Supt Equip Prog	151,240	180,240	+ 29,000
	Program increase: Submarine warfare federated tactical systems (+ 3 Shipsets) .....	.....	.....	+ 29,000
9	DDG Mod	603,355	601,980	- 1,375
	Program increase .....	.....	.....	+ 3,000
	Restoring acquisition accountability: AWS upgrade kits unit cost growth .....	.....	.....	- 4,375
18	Submarine Batteries	17,594	22,594	+ 5,000
	Program increase .....	.....	.....	+ 5,000
23	CG Modernization	306,050	299,088	- 6,962
	Restoring acquisition accountability: CEC installation cost growth .....	.....	.....	- 1,400
	Restoring acquisition accountability: AN/SQ-89 installation cost growth .....	.....	.....	- 5,562
28	Submarine Life Support System	10,364	5,596	- 4,768
	Restoring acquisition accountability: Low pressure electrolyzer early to need .....	.....	.....	- 4,768
34	Operating Forces Ipe	191,541	187,562	- 3,979
	Restoring acquisition accountability: 25 ton portal cranes unit cost growth .....	.....	.....	- 3,979
36	LCS Common Mission Modules Equipment	34,666	18,760	- 15,906
	Restoring acquisition accountability: Mission package training equipment early to need .....	.....	.....	- 15,906
37	LCS MCM Mission Modules	55,870	48,068	- 7,802
	Restoring acquisition accountability: MCM support equipment and production engineering excess to need .....	.....	.....	- 7,802
39	LCS SUW Mission Modules	52,960	20,925	- 32,035
	Restoring acquisition accountability: Surface-to-surface mission module early to need .....	.....	.....	- 11,631
	Restoring acquisition accountability: Excess gun module and maritime security module ahead of mission package acquisition strategy .....	.....	.....	- 20,404
40	LCS In-Service Modernization	74,426	158,426	+ 84,000
	Program increase: LCS mod for increased lethality and survivability upgrades for 4 ships .....	.....	.....	+ 84,000
43	SPQ-9B Radar	20,086	18,993	- 1,093
	Restoring acquisition accountability: Installation funding early to need .....	.....	.....	- 1,093
46	SSN Acoustic Equipment	287,553	314,553	+ 27,000
	Program increase: Submarine warfare federated tactical systems (+ 3 Shipsets) .....	.....	.....	+ 27,000
51	Fixed Surveillance System	300,102	330,102	+ 30,000
	Program increase .....	.....	.....	+ 30,000
52	SURTASS	30,180	40,180	+ 10,000
	Program increase: SURTASS array increase in PACOM AOR .....	.....	.....	+ 10,000
55	Shipboard IW Exploit	187,007	218,178	+ 31,171
	Program increase: SSEE increment F (+ 3 Systems) and Paragon/Graywing (+ 3 Systems) .....	.....	.....	+ 38,375
	Restoring acquisition accountability: Increment F kit prior year contract savings .....	.....	.....	- 3,952
	Restoring acquisition accountability: Increment F kit cost growth .....	.....	.....	- 3,252
56	Automated Identification System (AIS)	510	4,592	+ 4,082

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
	Program increase: Comprehensive review of recent surface warfare incidents—AIS laptop procurement			+ 1,482
	Program increase: Comprehensive review of recent surface warfare incidents—Update existing AIS laptops			+ 2,600
58	Cooperative Engagement Capability	23,892	27,892	+ 4,000
	Program increase: CEC identification friend or foe (IFF) Mode 5 acceleration			+ 4,000
63	Minesweeping System Replacement	31,531	59,531	+ 28,000
	Program increase: Mine countermeasures systems			+ 28,000
78	Naval Mission Planning Systems	11,976	12,976	+ 1,000
	Program increase: Air to air training rounds and CVN magazine alterations			+ 1,000
82	CANES	322,754	316,984	- 5,770
	Improving funds management: Installation early to need			- 5,770
84	CANES—Intell	48,028	47,263	- 765
	Improving funds management: Installation early to need			- 765
89	Items Less Than \$5 Million	105,292	112,603	+ 7,311
	Program increase: Comprehensive review of recent surface warfare incidents—Next generation surface ship radar			+ 7,311
91	Ship Communications Automation	103,990	97,363	- 6,627
	Restoring acquisition accountability: Shore tactical assured command and control cost growth			- 6,627
96	Navy Multiband Terminal [NMT]	69,764	67,371	- 2,393
	Restoring acquisition accountability: Afloat ship kit cost growth			- 2,393
99	Info Systems Security Program [ISSP]	89,663	101,663	+ 12,000
	Program increase: Crypto mod procurement for UHF and narrowband radios to meet NSA mandate			+ 12,000
119	Aviation Support Equipment	34,032	34,750	+ 718
	Program increase: T-45 and F/A-18 physiological episodes funding			+ 2,100
	Restoring acquisition accountability: Joint technical data integration cost growth			- 1,382
124	SSN Combat Control Systems	129,972	149,972	+ 20,000
	Program increase: Submarine warfare federated tactical systems (+ 3 Shipsets)			+ 20,000
130	Surface Training Equipment	83,022	80,166	- 2,856
	Program increase: Comprehensive review of recent surface warfare incidents—Shore-based Bridge trainer improvements			+ 900
	Restoring acquisition accountability: BFTT upgrade kits installation funding ahead of need			- 3,756
147	Command Support Equipment	59,076	57,976	- 1,100
	Program increase: Optionally unmanned hydrographic survey launch			+ 6,000
	Restoring acquisition accountability: Deployable mission support systems unjustified growth			- 7,100
155	Physical Security Equipment	101,982	120,982	+ 19,000
	Program increase: Port security barriers for ship repair facilities			+ 19,000

PROCUREMENT, MARINE CORPS

Appropriations, 2017	\$1,307,456,000
Budget estimate, 2018	2,064,825,000
Committee recommendation	2,093,749,000

The Committee recommends an appropriation of \$2,093,749,000. This is 28,924,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
PROCUREMENT, MARINE CORPS							
WEAPONS AND COMBAT VEHICLES							
TRACKED COMBAT VEHICLES							
1	AAV7A1 PIP	26	107,665		85,362		-22,303
2	AMPHIBIOUS COMBAT VEHICLE I.1		161,511	26	154,878		-6,633
3	LAV PIP		17,244		9,152		-8,092
ARTILLERY AND OTHER WEAPONS							
4	EXPEDITIONARY FIRE SUPPORT SYSTEM		626		626		
5	155MM LIGHTWEIGHT TOWED HOWITZER		20,259		20,259		
6	HIGH MOBILITY ARTILLERY ROCKET SYSTEM		59,943		59,943		
7	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		19,616		19,616		
8	OTHER SUPPORT MODIFICATION KITS		17,778		17,778		
TOTAL, WEAPONS AND COMBAT VEHICLES							
			404,642		367,614		-37,028
GUIDED MISSILES AND EQUIPMENT							
GUIDED MISSILES							
10	GROUND BASED AIR DEFENSE		9,432		9,432		
11	JAVELIN	222	41,159	222	35,831		-5,328
12	FOLLOW ON TO SMAW		25,125		25,125		
13	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)		51,553		46,509		-5,044
TOTAL, GUIDED MISSILES AND EQUIPMENT							
			127,269		116,897		-10,372
COMMUNICATIONS AND ELECTRONICS EQUIPMENT							
COMMAND AND CONTROL SYSTEMS							
16	COMMON AVIATION COMMAND AND CONTROL SYS		44,928		44,928		
REPAIR AND TEST EQUIPMENT							
17	REPAIR AND TEST EQUIPMENT		33,056		33,056		

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	ENGINEER AND OTHER EQUIPMENT						
	ENGINEER AND OTHER EQUIPMENT						
48	ENVIRONMENTAL CONTROL EQUIP ASSORT		1,405		1,405		
50	TACTICAL FUEL SYSTEMS		1,788		1,788		
51	POWER EQUIPMENT ASSORTED		9,910		9,910		
52	AMPHIBIOUS SUPPORT EQUIPMENT		5,830		5,830		
53	EOD SYSTEMS		27,240		27,240		
	MATERIALS HANDLING EQUIPMENT						
54	PHYSICAL SECURITY EQUIPMENT		53,477		36,573		- 16,904
	GENERAL PROPERTY						
56	TRAINING DEVICES		76,185		79,080		+2,895
58	FAMILY OF CONSTRUCTION EQUIPMENT		26,286		26,286		
59	FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV)		1,583		1,583		
	OTHER SUPPORT						
60	ITEMS LESS THAN \$5 MILLION		7,716		7,716		
	TOTAL, ENGINEER AND OTHER EQUIPMENT		211,420		197,411		- 14,009
62	SPARES AND REPAIR PARTS		35,640		30,240		- 5,400
	CLASSIFIED PROGRAMS		4,214		4,214		
	TOTAL, PROCUREMENT, MARINE CORPS		2,064,825		2,093,749		+ 28,924

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	AAV7A1 PIP	107,665	85,362	- 22,303
	Restoring acquisition accountability: Program delays-survivability upgrade			- 22,303
2	Amphibious Combat Vehicle 1.1	161,511	154,878	- 6,633
	Restoring acquisition accountability: Training devices ahead of need			- 1,633
	Maintain program affordability: Excess program management and support			- 5,000
3	LAV PIP	17,244	9,152	- 8,092
	Improving funds management: Forward financing LAV-ATM installations			- 8,092
11	Javelin	41,159	35,831	- 5,328
	Restoring acquisition accountability: Unit cost growth ..			- 5,328
13	Anti-Armor Weapons System-Heavy [AAWS-H]	51,553	46,509	- 5,044
	Restoring acquisition accountability: Unit cost growth ..			- 5,044
20	Items Under \$5 Million (Comm & Elec)	17,644	37,844	+ 20,200
	Program increase: Night optics (INOD) Block III for sniper rifle			+ 20,200
23	Ground/Air Task Oriented Radar [G/ATOR]	139,167	239,178	+ 100,011
	Program increase: G/ATOR system acceleration			+ 95,511
	Program increase: G/ATOR comm equipment group shelters			+ 4,500
31	UAS Payloads	14,193	12,258	- 1,935
	Maintain program affordability: Group 1 unjustified growth			- 1,935
36	Common Computer Resources	66,894	73,998	+ 7,104
	Program increase: Full spectrum cyber ops—deployable mission support systems			+ 7,104
37	Command Post Systems	186,912	182,547	- 4,365
	Restoring acquisition accountability: AN/PRC-117G unit cost adjustment			- 4,365
39	Comm Switching & Control Systems	54,615	49,615	- 5,000
	Improving funds management: Prior year carryover			- 5,000
40	Comm & Elec Infrastructure Support	44,455	39,455	- 5,000
	Improving funds management: Prior year carryover			- 5,000
42	Commercial Cargo Vehicles	66,951	61,951	- 5,000
	Improving funds management: CPD previously funded			- 2,000
	Maintain program affordability: Unjustified growth-commercial passenger vehicles			- 3,000
46	Trailers	10,282		- 10,282
	Maintain program affordability: Unjustified request			- 10,282
54	Physical Security Equipment	53,477	36,573	- 16,904
	Maintain program affordability: Collateral equipment ahead of need			- 16,904
56	Training Devices	76,185	79,080	+ 2,895
	Improving funds management: Prior year carryover			- 3,186
	Maintain program affordability: Ranges and training area management unjustified growth			- 2,798
	Program increase: ITESS-II, force on force training systems			+ 8,879
62	Spares and Repair Parts	35,640	30,240	- 5,400
	Maintain program affordability: Spares ahead of need			- 5,400

Amphibious Combat Vehicle.—The Committee notes the Marine Corps' efforts to modernize its amphibious vehicle fleet through the incremental approach to the Amphibious Combat Vehicle [ACV] program, starting with ACV increment 1.1, which leverages the

previously halted Marine Personnel Carrier [MPC] as the program baseline. Following increment 1.1, the acquisition strategy plans for increment 1.2 to field a ship-to-shore capability, and increment 2.0 will aim to achieve high water speeds. The Committee further notes the recent U.S. Government Accountability Office [GAO] report on ACV acquisition, GAO-17-402, and notes the GAO's recommendation to delay the ACV 1.1 Milestone C decision from June 2018 into first quarter of fiscal year 2019. In making that recommendation, GAO cites concerns over an aggressive test schedule driven by the service's Initial Operational Capability [IOC] date in August 2020, concurrency between testing and production, and a lack of test data with which the Congress can make a fully informed funding decision on the initial Low-Rate Initial Production [LRIP] lot.

The Committee shares some of GAO's concerns, particularly in light of delays in final deliveries of ACV Engineering Development Model [EDM] assets, recent test results, subsequent vehicle modifications, and the resultant potential for future schedule impacts.

Further, despite repeated requests, the Committee was denied access to the Cost Assessment and Program Evaluation's [CAPE] Independent Cost Estimate [ICE] for the ACV program. However, the Committee recognizes the significance of the ACV program within the Marine Corps' overarching Ground Combat Tactical Vehicle Replacement Strategy, the high priority placed on ACV by the Commandant of the Marine Corps, and most importantly, the survivability challenges with legacy platforms in today's threat environment. Therefore, the Committee provides adequate funding to initiate LRIP lot 1, but encourages the Commandant of the Marine Corps to carefully assess the status of the ACV program prior to entrance into Milestone C review and contractor down-select, which has the potential to inform ACV 1.2 cost estimates. Further, the Committee directs the Director, CAPE to provide the updated ICE and the Program Executive Officer Land Systems to provide the updated component cost estimate to the congressional defense committees in advance of the Milestone C review.

Infantry Automatic Rifle [IAR].—In 2008, the U.S. Marine Corps competed its IAR program as a partial replacement for the M249 Squad Automatic Weapon [SAW] within infantry squads. That competition led to the M27 IAR being selected with the award of an Indefinite Delivery, Indefinite Quantity [IDIQ] contract worth up to \$23,600,000. In February of 2017, Marine Corps Systems Command [MARCORSYSCOM] issued a Request for Information [RFI] initiating market research efforts in advance of a potential procurement of approximately 11,000 new IARs. In August 2017, MARCORSYSCOM released their intent to solicit and negotiate with a sole source for up to 50,814 IARs. The Committee is concerned that the increase in quantities from the RFI to the notification of intent, may signal a larger shift in the Marine Corps' broader small arms weapon strategy without the support of a validated requirement, established acquisition objective, or a full and open competition to satisfy that requirement. Therefore, the Committee encourages the Deputy Commandant, Combat Development and Integration to clearly articulate their small arms strategy to the congressional defense committees and industry, particularly as it re-

lates to the M27 IAR and its potential to serve as a replacement for the M4 Carbine across the Marine Corps. Further, the Committee directs the Secretary of the Navy that of the funds available in this act, none are available to purchase IARs beyond those required to arm the Ground Combat Element without first providing to the congressional defense committees a report detailing the M27 IAR validated requirement, acquisition strategy, and acquisition objective.

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2017	\$14,253,623,000
Budget estimate, 2018	15,430,849,000
Committee recommendation	16,189,022,000

The Committee recommends an appropriation of \$16,189,022,000. This is \$758,173,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, AIR FORCE						
	COMBAT AIRCRAFT						
	TACTICAL FORCES						
1	F-35	46	4,544,684	46	4,406,684	.....	-138,000
2	F-35 (AP-CY) .....	.....	780,300	.....	900,300	.....	+120,000
3	KC-46A TANKER	15	2,545,674	15	2,412,550	.....	-133,124
	TOTAL, COMBAT AIRCRAFT .....	.....	7,870,658	.....	7,719,534	.....	-151,124
	AIRLIFT AIRCRAFT						
	OTHER AIRLIFT						
4	C-130J .....	.....	57,708	.....	159,708	.....	+102,000
6	HC-130J	2	198,502	3	281,502	.....	+83,000
8	MC-130J	5	379,373	13	1,179,373	.....	+800,000
9	MC-130J (AP) .....	.....	30,000	.....	30,000	.....	.....
	TOTAL, AIRLIFT AIRCRAFT .....	.....	665,583	.....	1,650,583	.....	+985,000
	OTHER AIRCRAFT						
	HELICOPTERS						
	MISSION SUPPORT AIRCRAFT						
12	CIVIL AIR PATROL A/C	6	2,695	6	10,600	.....	+7,905
	OTHER AIRCRAFT						
14	TARGET DRONES	42	109,841	42	109,841	.....	.....
17	MQ-9 .....	.....	117,141	.....	92,141	.....	-25,000
15X	COMPASS CALL .....	.....	.....	.....	108,173	.....	+108,173
	TOTAL, OTHER AIRCRAFT .....	.....	229,677	.....	320,755	.....	+91,078
	MODIFICATION OF INSERVICE AIRCRAFT						
	STRATEGIC AIRCRAFT						
18	B-2A .....	.....	96,727	.....	96,727	.....	.....

19	B-1B	155,634	121,634	- 34,000
20	B-52	109,295	109,295	
21	LARGE AIRCRAFT INFRARED COUNTERMEASURES	4,046	4,046	
	TACTICAL AIRCRAFT			
22	A-10	6,010	6,010	
23	F-15	417,193	412,843	- 4,350
24	F-16	203,864	203,864	
25	F-22A	161,630	144,830	- 16,800
26	F-22A	15,000	15,000	
27	F-35 MODIFICATIONS	68,270	68,270	
28	INCREMENT 3.2b	105,756	105,756	
30	KC-46A TANKER	6,213	6,213	
	AIRLIFT AIRCRAFT			
31	C-5	36,592	21,742	- 14,850
32	C-5M	6,817	6,817	
33	C-17A	125,522	103,022	- 22,500
34	C-21	13,253	13,253	
35	C-32A	79,449	79,449	
36	C-37A	15,423	15,423	
36	C-130J	10,727	145,423	+ 130,000
	TRAINER AIRCRAFT			
38	GLIDER MODS	136	136	
39	T-1	35,706	35,706	
40	T-1	21,477	21,477	
41	T-38	51,641	51,641	
	OTHER AIRCRAFT			
42	U-2 MODS	36,406	33,406	- 3,000
43	KC-10A (ATCA)	4,243	4,243	
44	C-12	5,846	5,846	
45	VC-25A MOD	52,107	52,107	
46	C-40	31,119	31,119	
47	C-130	66,310	81,310	+ 15,000
48	C130J MODS	171,230	181,957	+ 10,727
49	C-135	69,428	69,428	
50	OC-135B	23,091	23,091	
51	COMPASS CALL MODS	166,541	69,068	- 97,473
52	COMBAT FLIGHT INSPECTION (CFIN)	495	495	
53	RC-135	201,559	204,559	+ 3,000

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
54	E-3		189,772		176,692		-13,080
55	E-4		30,493		25,914		-4,579
56	E-8		13,232		13,232		
57	AIRBORNE WARNING AND CONTROL SYSTEM		164,786		142,886		-21,900
58	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	3	24,716		15,017	-3	-9,699
59	H-1		3,730		3,730		
60	H-60		75,989		75,989		
61	RQ-4 UAV MODS		43,968		83,568		+39,600
62	HC/MC-130 MODIFICATIONS		67,674		62,074		-5,600
63	OTHER AIRCRAFT		59,068		59,068		
65	MQ-9 MODS		264,740		197,540		-67,200
66	CV-22 MODS		60,990		60,990		
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT		3,573,914		3,446,483		-127,431
67	AIRCRAFT SPARES AND REPAIR PARTS		1,041,569		1,344,219		+302,650
	INITIAL SPARES/REPAIR PARTS		1,041,569		1,344,219		+302,650
	TOTAL, AIRCRAFT SPARES AND REPAIR PARTS		1,041,569		1,344,219		+302,650
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
68	COMMON SUPPORT EQUIPMENT		75,846		75,846		
69	AIRCRAFT REPLACEMENT SUPPORT EQUIP		8,524		8,524		
71	COMMON SUPPORT EQUIPMENT		501		501		
	T-53A TRAINER						
72	POST PRODUCTION SUPPORT		447		447		
73	B-2A		38,509		32,109		-6,400
74	B-52		199		199		
75	C-17A		12,028		12,028		
78	RC-135		29,700		29,700		
79	F-15		20,000		20,000		
80	F-15 POST PRODUCTION SUPPORT		2,524		2,524		
81	F-16 POST PRODUCTION SUPPORT		18,051		8,151		-9,900

82	F-22A	119,566	119,566	119,566	.....	.....	.....
83	OTHER AIRCRAFT	85,000	85,000	85,000	.....	.....	.....
85	RQ-4 POST PRODUCTION CHARGES	86,695	86,695	86,695	.....	.....	.....
86	CV-22 MODS	4,500	4,500	4,500	.....	.....	.....
	INDUSTRIAL PREPAREDNESS						
87	INDUSTRIAL PREPAREDNESS	14,739	14,739	14,739	.....	.....	.....
88	C-130J	102,000	102,000	.....	.....	.....	-102,000
	WAR CONSUMABLES						
89	WAR CONSUMABLES	37,647	37,647	37,647	.....	.....	.....
	OTHER PRODUCTION CHARGES						
90	OTHER PRODUCTION CHARGES	1,339,160	1,339,160	1,127,660	.....	.....	-211,500
92	OTHER AIRCRAFT	600	600	600	.....	.....	.....
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	1,996,236	1,996,236	1,666,436	.....	.....	-329,800
	CLASSIFIED PROGRAMS	53,212	53,212	41,012	.....	.....	-12,200
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	15,430,849	15,430,849	16,189,022	.....	.....	+758,173

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	F-35	4,544,684	4,406,684	- 138,000
	Improving funds management: Non-recurring cost prior year carryover			- 88,000
	Restoring acquisition accountability: Unit cost savings ..			- 50,000
2	F-35 (AP-CY)	780,300	900,300	+ 120,000
	Program increase: Advance procurement for additional fiscal year 2019 aircraft			+ 120,000
3	KC-46A Tanker	2,545,674	2,412,550	- 133,124
	Improving funds management: Unit cost savings			- 24,750
	Improving funds management: LAIRCM ahead of need ...			- 52,374
	Restoring acquisition accountability: Support equipment excess growth			- 56,000
4	C-130J	57,708	159,708	+ 102,000
	Weapon system trainer—Air Force requested transfer from line 88			+ 102,000
6	HC-130J	198,502	281,502	+ 83,000
	Program increase: One aircraft			+ 100,000
	Restoring acquisition accountability: Excess unit cost growth			- 17,000
8	MC-130J	379,373	1,179,373	+ 800,000
	Program increase: Eight aircraft			+ 800,000
12	Civil Air Patrol A/C	2,695	10,600	+ 7,905
	Program increase			+ 7,905
15x	Compass Call		108,173	+ 108,173
	Second EC-X air vehicle—transfer from line 51			+ 108,173
17	MQ-9	117,141	92,141	- 25,000
	Restoring acquisition accountability: Dual ground control station unit cost growth			- 25,000
19	B-1B	155,634	121,634	- 34,000
	Restoring acquisition accountability: F101 engine SLEP previously funded			- 34,000
23	F-15	417,193	412,843	- 4,350
	Restoring acquisition accountability: APG-82 unit cost growth			- 4,350
25	F-22A	161,630	144,830	- 16,800
	Restoring acquisition accountability: RAMMP installation cost growth			- 11,800
	Improving funds management: Trainers modernization excess growth			- 5,000
31	C-5	36,592	21,742	- 14,850
	Restoring acquisition accountability: CMC and weather radar contract delay			- 14,850
33	C-17A	125,522	103,022	- 22,500
	Restoring acquisition accountability: IFF GATM Mode 5 kit cost growth			- 22,500
36	C-37A	15,423	145,423	+ 130,000
	Program increase: Two aircraft—AF unfunded requirement			+ 130,000
37	C-130J	10,727		- 10,727
	Air Force requested transfer to line 48			- 10,727
42	U-2 Mods	36,406	33,406	- 3,000
	Air Force requested transfer to line 53			- 3,000
47	C-130	66,310	81,310	+ 15,000
	Program increase: C-130H modernization			+ 15,000
48	C-130J Mods	171,230	181,957	+ 10,727
	Air Force requested transfer from line 37			+ 10,727
51	Compass Call Mods	166,541	69,068	- 97,473
	Program increase: EC-X Compass Call Cross Deck-mission and support equipment			+ 24,600

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
	Program increase: EC-130H Compass Call-avionics viability program			+ 10,000
	Restoring acquisition accountability: Third BL3 B kit for EC-X ahead of need			- 23,900
	Second EC-X air vehicle—transfer to line 15X			- 108,173
53	RC-135	201,559	204,559	+ 3,000
	Air Force requested transfer from line 42			+ 3,000
54	E-3	189,772	176,692	- 13,080
	Restoring acquisition accountability: Dragon B kits unit cost growth			- 7,790
	Restoring acquisition accountability: Installation costs ahead of need			- 5,290
55	E-4	30,493	25,914	- 4,579
	Restoring acquisition accountability: LFTS baseline kit unit cost growth			- 4,579
57	Airborne Warning and Control System	164,786	142,886	- 21,900
	Restoring acquisition accountability: Block 40/45 A kits unit cost growth			- 21,900
58	Family of Beyond Line-of-Sight Terminals	24,716	15,017	- 9,699
	Restoring acquisition accountability: Contract delay			- 9,699
61	RQ-4 Mods	43,968	83,568	+ 39,600
	Program increase: Replace RQ-4 tactical field terminal antennas—MIP			+ 39,600
62	HC/MC-130 Modifications	67,674	62,074	- 5,600
	Restoring acquisition accountability: Situational awareness contract delay			- 5,600
65	MQ-9 Mods	264,740	197,540	- 67,200
	Improving funds management: DAS-4 upgrade prior year carryover			- 67,200
67	Initial Spares/Repair Parts	1,041,569	1,344,219	+ 302,650
	Program increase: Improve aircraft readiness			+ 375,000
	Improving funds management: KC-46A spares prior year carryover			- 22,000
	Restoring acquisition accountability: C-17 spares excess to need			- 20,000
	Improving funds management: Prior year carryover			- 30,350
73	B-2a	38,509	32,109	- 6,400
	Improving funds management: Prior year carryover			- 6,400
81	F-16	18,051	8,151	- 9,900
	Improving funds management: Production line shutdown excess to need			- 9,900
88	C-130J	102,000		- 102,000
	Weapon system trainer—Air Force requested transfer to line 4			- 102,000
90	Other Production Charges	1,339,160	1,127,660	- 211,500
	Program increase			+ 5,000
	Classified adjustment			- 216,500
	Classified Programs	53,212	41,012	- 12,200
	Classified adjustment			- 12,200

Air Force Fighter Force Structure.—The Committee is aware that the Air Force is reviewing its future requirements for fighter force structure, which includes a review of fourth and fifth generation capabilities. The Committee is concerned with rumors of possible retirement of certain F-15 airframes or the cancellation of modification plans in future budget submissions. While the Committee is encouraged with the progress of the F-35, the fielding of the Lightning has been slower than planned due to cost and development challenges. This in turn has required investments to keep fourth generation aircraft such as the F-16s and F-15s in the fleet. These investments, supported by Congress, have increased the fly-

ing time and capabilities of these legacy systems. The Committee believes that retirement or cancellation of upgrade plans of legacy fighters should be limited until the Air Force has completed its future needs assessments and provided the congressional defense committees with a strategy that looks beyond the future year’s defense plan. Therefore, the Committee directs the Secretary of the Air Force to provide an update on its fighter force structure plan along with the fiscal year 2019 President’s budget submission.

E-3 Airborne Warning and Control System.—The Committee supports the ongoing efforts by the Air Force to upgrade its fleet of E-3 Airborne Warning and Control System [AWACS] aircraft, which provide battle management, command and control, surveillance, target detection, and tracking capabilities. The Committee encourages the Secretary of the Air Force to fully fund the Block 40/45 and DRAGON modifications to the entire fleet of AWACS aircraft, as planned in the fiscal year 2018 President’s budget request.

Active Electronically Scanned Array Radars.—The Committee recognizes that Active Electronically Scanned Array [AESA] radars significantly improve reliability, maintainability, and supportability as well as operational effectiveness and combat lethality of existing F-16 aircraft. Many of these aircraft are used by the Air National Guard in its Aerospace Control Alert [ACA] mission to defend against and defeat threats to the homeland. The Committee believes that AESA radars bolster the Air National Guard’s ability to carry out its ACA mission and supports their continued procurement to address the U.S. Northern Command Joint Emergent Operational Need.

B-2 Antiskid Control Unit and Braking System.—The Committee notes that the B-2 brake control system is original to the aircraft and overdue for replacement. A large number of the parts of the system as well as the system itself are either obsolete or in very short supply. In particular, some of the printed wiring boards are out of production and cannot readily be replaced. The Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees not later than 180 days after the enactment of this act on the condition of the brake systems and the timeline to either replace the entire brake system or to replace the parts that are no longer available, in short supply, or obsolete.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2017	\$2,348,121,000
Budget estimate, 2018	2,296,182,000
Committee recommendation	2,238,828,000

The Committee recommends an appropriation of \$2,238,828,000. This is \$57,354,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

(Dollars in thousands)

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, AIR FORCE						
	BALLISTIC MISSILES						
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC						
1	MISSILE REPLACEMENT EQ—BALLISTIC		99,098		94,744		-4,354
	OTHER MISSILES						
	TACTICAL						
2	JOINT AIR-SURFACE STANDOFF MISSILE (JASSM)	360	441,367	360	433,447		-7,920
3	LONG RANGE ANTI-SHIP MISSILE (LRASM)	15	44,728	15	44,728		
4	SIDEWINDER (AIM-9X)	310	125,350	310	125,350		
5	AWRAAM	205	304,327	205	259,247		-45,080
6	PREDATOR HELFIRE MISSILE	399	34,867	399	34,867		
7	SMALL DIAMETER BOMB	5,039	266,030	5,039	266,030		
	INDUSTRIAL FACILITIES						
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION		926		926		
	TOTAL, OTHER MISSILES		1,217,595		1,164,595		-53,000
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
9	ICBM FUZE MOD		6,334		6,334		
10	MM III MODIFICATIONS		80,109		91,109		+11,000
11	AGM-65D MAVERICK		289		289		
13	AIR LAUNCH CRUISE MISSILE		36,425		36,425		
14	SMALL DIAMETER BOMB		14,086		14,086		
	TOTAL, MODIFICATION OF INSERVICE MISSILES		137,243		148,243		+11,000
	SPARES AND REPAIR PARTS						
15	INITIAL SPARES/REPAIR PARTS		101,153		90,153		-11,000
	SPECIAL PROGRAMS						
20	SPECIAL UPDATE PROGRAMS		32,917		32,917		

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	CLASSIFIED PROGRAMS		708,176		708,176		
	TOTAL, MISSILE PROCUREMENT, AIR FORCE		2,296,182		2,238,828		-57,354

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
1	Missile Replacement Eq-Ballistic	99,098	94,744	- 4,354
	Restoring acquisition accountability: TERP unit cost growth			- 2,710
	Restoring acquisition accountability: Support equipment cost growth			- 1,644
2	Joint Air-Surface Standoff Missile	441,367	433,447	- 7,920
	Restoring acquisition accountability: AUR unit cost growth			- 7,920
5	AMRAAM	304,327	259,247	- 45,080
	Improving funds management: Obsolescence upgrade concurrency			- 45,080
10	MM III Modifications	80,109	91,109	+ 11,000
	Program increase: Upgrade Minimum Essential Emergency Communications Network			+ 11,000
15	Initial Spares/Repair Parts	101,153	90,153	- 11,000
	Insufficient budget justification: Poor justification materials			- 11,000

SPACE PROCUREMENT, AIR FORCE

Appropriations, 2017	\$2,733,243,000
Budget estimate, 2018	3,370,775,000
Committee recommendation	3,095,995,000

The Committee recommends an appropriation of \$3,095,995,000. This is \$274,780,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
2	AF Satellite Comm System	57,516	47,516	-10,000
	Improving funds management: Prior year carryover			-10,000
4	Family of Beyond Line-of-Sight Terminals	146,972	101,092	-45,880
	Restoring acquisition accountability: Schedule slip			-45,880
5	Wideband Gapfiller Satellites (Space)	80,849	75,849	-5,000
	Improving funds management: Prior year carryover			-5,000
11	Evolved Expendable Launch Capability	957,420	905,420	-52,000
	Improving funds management: Excess Forward Financing			-52,000
12	Evolved Expendable Launch Veh (Space)	606,488	441,788	-164,700
	Reduce duplication: Funding in ELC			-134,700
	Maintain program affordability: Unjustified growth mission assurance and SE&I			-30,000
13	SBIR High (Space)	981,009	1,022,809	41,800
	Improving funds management: Excess Forward Financing for launch and checkout			-50,000
	Program increase: SBIRS survivable ground sites			+16,000
	Program increase: SBIRS ground antenna fixed site			+30,900
	Program increase: SBIRS survivable endurable evolution			+44,900
14	SBIR High (Space)	132,420	82,420	-50,000
	Restoring acquisition accountability: Acquisition strategy			-50,000
16	Space Mods	37,203	58,203	+21,000
	Program increase: Enterprise space battle management command and control			+21,000
18	Initial Spares/Repair Parts	18,709	8,709	-10,000
	Improving funds management: Prior year carryover			-10,000

Space Based Infrared System.—The fiscal year 2018 President's budget request includes \$132,420,000 for advanced procurement for Space Based Infrared System [SBIRS] vehicles 7/8, yet the Air Force has indicated that it is still studying options for fulfilling future Overhead Persistent Infrared requirements that would include modifications to SBIRS 7/8. While the Committee understands the need for resiliency upgrades, payload modernization, and other potential enhancements to the SBIRS vehicles, the Committee notes the rapidly approaching need for SBIRS 7/8 and seeks to ensure that the overall health and safety of the SBIRS constellation not be compromised as the Air Force studies the future of the program. Because the planned execution timeline is delayed and undefined, the Committee recommends \$84,420,000 for SBIRS advanced procurement, a reduction of \$50,000,000. The Committee directs that remaining advanced procurement funds be executed as proposed in the budget request, and designates the program a congressional special interest item for reprogramming purposes.

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2017	\$1,589,219,000
Budget estimate, 2018	1,376,602,000
Committee recommendation	1,318,602,000

The Committee recommends an appropriation of \$1,318,602,000. This is \$58,000,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
4	General Purpose Bombs	329,501	291,501	- 38,000
	Restoring acquisition accountability: Acquisition strategy (GBU-49) .....	.....	.....	- 36,000
	Improving funds management: Prior year carryover .....	.....	.....	- 2,000
15	Flares	143,983	123,983	- 20,000
	Improving funds management: Prior year carryover .....	.....	.....	- 20,000

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2017	\$17,768,224,000
Budget estimate, 2018	19,603,497,000
Committee recommendation	20,334,550,000

The Committee recommends an appropriation of \$20,334,550,000. This is \$731,053,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE		15,651		15,651		
2	CARGO + UTILITY VEHICLES		54,607		38,251		-16,356
3	FAMILY MEDIUM TACTICAL VEHICLE		1,011		1,700		+689
4	CAP VEHICLES		28,670		28,670		
	ITEMS LESS THAN \$5M (CARGO)						
5	SPECIAL PURPOSE VEHICLES		59,398		50,180		-9,218
6	SECURITY AND TACTICAL VEHICLES		19,784		19,784		
	ITEMS LESS THAN \$5M (SPECIAL)						
7	FIRE FIGHTING EQUIPMENT		14,768		14,768		
	FIRE FIGHTING/CRASH RESCUE VEHICLES						
8	MATERIALS HANDLING EQUIPMENT		13,561		13,561		
	ITEMS LESS THAN \$5,000,000						
9	BASE MAINTENANCE SUPPORT		3,429		3,429		
10	RUNWAY SNOW REMOVAL & CLEANING EQUIP		60,075		60,075		
	ITEMS LESS THAN \$5M						
	TOTAL, VEHICULAR EQUIPMENT		270,954		246,069		-24,885
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
11	COMM SECURITY EQUIPMENT(COMSEC)		115,000		106,681		-8,319
	COMSEC EQUIPMENT						
	INTELLIGENCE PROGRAMS						
13	INTERNATIONAL INTEL TECH AND ARCHITECTURES		22,335		16,335		-6,000
14	INTELLIGENCE TRAINING EQUIPMENT		5,892		5,892		
15	INTELLIGENCE COMM EQUIP		34,072		34,072		
	ELECTRONICS PROGRAMS						
16	TRAFFIC CONTROL/LANDING		66,143		18,803		-47,340

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
17	NATIONAL AIRSPACE SYSTEM		12,641		12,641		
18	BATTLE CONTROL SYSTEM—FIXED		6,415		6,415		
19	THEATER AIR CONTROL SYS IMPRO		23,233		23,233		
20	WEATHER OBSERVATION FORECAST		40,116		40,116		
21	STRATEGIC COMMAND AND CONTROL		72,810		72,810		
22	CHEYENNE MOUNTAIN COMPLEX		9,864		9,864		
23	MISSION PLANNING SYSTEMS		15,486		15,486		
25	INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN)		9,187		9,187		
	SPECIAL COMM-ELECTRONICS PROJECTS						
26	GENERAL INFORMATION TECHNOLOGY		51,826		54,626		+2,800
27	AF GLOBAL COMMAND & CONTROL SYSTEM		3,634		3,634		
28	MOBILITY COMMAND AND CONTROL		10,083		10,083		
29	AIR FORCE PHYSICAL SECURITY SYSTEM		201,866		191,866		-10,000
30	COMBAT TRAINING RANGES		115,198		77,242		-37,956
31	MINIMUM ESSENTIAL EMERGENCY COMM N		292				-292
32	WIDE AREA SURVEILLANCE (WAS)		62,087		62,087		
33	C3 COUNTERMEASURES		37,764		37,764		
34	GSSS-AF FOS		2,826		1,426		-1,400
35	DEFENSE ENTERPRISE ACCOUNTING AND MGMT		1,514				-1,514
36	THEATER BATTLE MGT C2 SYS		9,646		9,646		
37	AIR AND SPACE OPERATIONS CTR-WPN SYSTEM		25,533		25,533		
	AIR FORCE COMMUNICATIONS						
40	INFORMATION TRANSPORT SYSTEMS		28,159		28,159		
41	AFNET		160,820		270,820		+110,000
42	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)		5,135		5,135		
43	USCENTCOM		18,719		18,719		
	ORGANIZATION AND BASE						
44	TACTICAL C-E EQUIPMENT		123,206		123,206		
45	COMBAT SURVIVOR EVADER LOCATER		3,004		3,004		
46	RADIO EQUIPMENT		15,736		15,736		
47	CCTV/AUDIOVISUAL EQUIPMENT		5,480		3,480		-2,000
48	BASE COMM INFRASTRUCTURE		130,539		130,539		

49	MODIFICATIONS COMM ELECT MODS	70,798	70,798			
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP	1,517,059	1,515,038			-2,021
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP					
	PERSONAL SAFETY AND RESCUE EQUIP					
51	ITEMS LESS THAN \$5,000,000 (SAFETY)	52,964	131,664			+ 78,700
	DEPOT PLANT + MATERIALS HANDLING EQ					
52	MECHANIZED MATERIAL HANDLING	10,381	8,576			-1,805
	BASE SUPPORT EQUIPMENT					
53	BASE PROCURED EQUIPMENT	15,038	7,038			-8,000
54	ENGINEERING AND EOD EQUIPMENT	26,287	26,287			
55	MOBILITY EQUIPMENT	8,470	45,150			+ 36,680
56	ITEMS LESS THAN \$5M (BASE SUPPORT)	28,768	28,768			
	SPECIAL SUPPORT PROJECTS					
58	DARP RC135	25,985	25,985			
59	DISTRIBUTED GROUND SYSTEMS	178,423	259,723			+ 81,300
61	SPECIAL UPDATE PROGRAM	840,980	840,980			
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP	1,187,296	1,374,171			+ 186,875
	SPARE AND REPAIR PARTS					
72	SPARES AND REPAIR PARTS	26,675	17,381			-9,294
	CLASSIFIED PROGRAMS	16,601,513	17,181,891			+ 580,378
	TOTAL, OTHER PROCUREMENT, AIR FORCE	19,603,497	20,334,550			+ 731,053

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
2	Family Medium Tactical Vehicle	54,607	38,251	-16,356
	Restoring acquisition accountability: Unit cost adjustments			-6,356
	Improving funds management: Priority year carryover			-10,000
3	Cap Vehicles	1,011	1,700	+689
	Program increase			+689
5	Security And Tactical Vehicles	59,398	50,180	-9,218
	Restoring acquisition accountability: JLTV unit cost adjustments			-9,218
11	Comsec Equipment	115,000	106,681	-8,319
	Improving funds management: KMI last mile previously funded			-8,319
13	International Intel Tech & Architectures	22,335	16,335	-6,000
	Transfer: Air Force-requested to RDAF line 269			-6,000
16	Air Traffic Control & Landing Sys	66,143	18,803	-47,340
	Restoring acquisition accountability: D-ILS support costs			-4,038
	Restoring acquisition accountability: D-RAPCON program delay			-43,302
26	General Information Technology	51,826	54,626	+2,800
	Program increase: AFSPC cyber request for CMF initial skills training pipeline			+2,800
29	Air Force Physical Security System	201,866	191,866	-10,000
	Improving funds management: Prior year carryover			-10,000
30	Combat Training Ranges	115,198	77,242	-37,956
	Restoring acquisition accountability: JTE unit cost savings			-2,500
	Restoring acquisition accountability: JTE unit cost adjustments			-2,456
	Restoring acquisition accountability: Range equipment ahead of need			-33,000
31	Minimum Essential Emergency Comm N	292		-292
	Improving funds management: Ahead of need			-292
34	GCSS-AF FoS	2,826	1,426	-1,400
	Improving funds management: Prior year carryover			-1,400
35	Defense Enterprise Accounting and Mgmt System	1,514		-1,514
	Improving funds management: Prior year carryover			-1,514
41	AFNET	160,820	270,820	+110,000
	Program increase: ARAD enterprise software—NIPRnet ..			+18,000
	Program increase: ARAD enterprise software—SIPRnet ...			+8,000
	Program increase: AF SIPR Enterprise in support of MAJCOMs			+84,000
47	CCTV/Audiovisual Equipment	5,480	3,480	-2,000
	Improving funds management: Prior year carryover			-2,000
51	Items Less Than \$5 Million (Safety)	52,964	131,664	+78,700
	Improving funds management: Prior year carryover			-5,000
	Program increase: Battlefield airman combat equipment—Air National Guard			+79,400
	Program increase: Battlefield airman combat equipment—Air Force Reserve			+4,300
52	Mechanized Material Handling Equip	10,381	8,576	-1,805
	Restoring acquisition accountability: Pricing adjustments			-1,805
53	Base Procured Equipment	15,038	7,038	-8,000
	Maintain program affordability: Unjustified PMA growth			-8,000
55	Mobility Equipment	8,470	45,150	+36,680
	Program increase: Set the theater-base expeditionary airfield resources—PACOM			+36,680
59	DCGS-AF	178,423	259,723	+81,300
	Program increase			+81,300
72	Spares and Repair Parts	26,675	17,381	-9,294

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
	Improving funds management: JTE spares ahead of need	.....	.....	- 8,000
	Restoring acquisition accountability: D-RAPCON program delay	.....	.....	- 1,294
999	Classified Programs	16,601,513	17,181,891	+ 580,378
	Classified adjustment	.....	.....	+ 580,378

Basic Expeditionary Airfield Resources Energy Efficiency.—The Committee notes that providing adequate living conditions ensures that deployed forces are more combat effective. Therefore, the Committee encourages the Secretary of the Air Force to leverage existing technologies, such as reusable and re-deployable insulation systems, in order to reduce logistics and sustainment costs associated with shelters in the Basic Expeditionary Airfield Resources [BEAR] program.

PROCUREMENT, DEFENSE-WIDE

Appropriations, 2017	\$4,881,022,000
Budget estimate, 2018	4,835,418,000
Committee recommendation	4,866,966,000

The Committee recommends an appropriation of \$4,866,966,000. This is \$31,548,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
1	MAJOR EQUIPMENT, DCAA MAJOR EQUIPMENT ITEMS LESS THAN \$5M		1,475		1,475		
2	MAJOR EQUIPMENT, DCMA		4,347		4,347		
3	MAJOR EQUIPMENT, DHRA PERSONNEL ADMINISTRATION		14,588		14,588		
7	MAJOR EQUIPMENT, DISA INFORMATION SYSTEMS SECURITY		24,805		24,805		
8	TELEPORT PROGRAM		46,638		46,638		
9	ITEMS LESS THAN \$5M		15,541		15,541		
10	NET CENTRIC ENTERPRISE SERVICES (NCES)		1,161		1,161		
11	DEFENSE INFORMATION SYSTEMS NETWORK		126,345		126,345		
12	CYBER SECURITY INITIATIVE		1,817		1,817		
13	WHITE HOUSE COMMUNICATION AGENCY		45,243		45,243		
14	SENIOR LEADERSHIP ENTERPRISE		294,139		94,139		-200,000
16	JOINT REGIONAL SECURITY STACKS (JRSS)		188,483		168,483		-20,000
17	JOINT SERVICE PROVIDER		100,783		80,974		-19,809
19	MAJOR EQUIPMENT, DLA		2,951		2,951		
20	MAJOR EQUIPMENT, DDMACT A—WEAPON SYSTEM COST	3	13,464	3	13,464		
21	MAJOR EQUIPMENT, DODEA AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		1,910		1,910		
23	MAJOR EQUIPMENT		1,073		1,073		
25	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY VEHICLES		204		204		
26	OTHER MAJOR EQUIPMENT		12,363		12,363		

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
63	AMMUNITION PROGRAMS		112,331		112,331		
	SOF ORDNANCE ITEMS UNDER \$5,000,000						
	OTHER PROCUREMENT PROGRAMS						
64	SOF INTELLIGENCE SYSTEMS		82,538		82,538		
65	DCGS-SOF		11,042		11,042		
66	OTHER ITEMS UNDER \$5,000,000		54,992		49,498		-5,094
67	SOF COMBATANT CRAFT SYSTEMS		23,272		40,772		+17,500
68	SPECIAL PROGRAMS		16,053		16,053		
69	TACTICAL VEHICLES		63,304		63,304		
70	WARRIOR SYSTEMS UNDER \$5,000,000		252,070		254,770		+2,700
71	COMBAT MISSION REQUIREMENTS		19,570		19,570		
72	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES		3,589		3,589		
73	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE		17,953		17,953		
75	SOF OPERATIONAL ENHANCEMENTS		241,429		258,954		+17,525
	TOTAL, SPECIAL OPERATIONS COMMAND		1,762,197		1,715,866		-46,331
	CHEMICAL/BIOLOGICAL DEFENSE						
76	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		135,031		119,470		-15,561
77	CB PROTECTION AND HAZARD MITIGATION		141,027		127,429		-13,598
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		276,058		246,899		-29,159
	CLASSIFIED PROGRAMS		657,759		580,559		-77,200
	TOTAL, PROCUREMENT, DEFENSE-WIDE		4,835,418		4,866,966		+31,548

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
14	Senior Leadership Enterprise	294,139	94,139	-200,000
	Insufficient Budget Justification: Unjustified request ..			-200,000
16	Joint Regional Security Stacks (JRSS)	188,483	168,483	-20,000
	Improving funds management: Break and Inspect previously funded			-20,000
17	Joint Service Provider	100,783	80,974	-19,809
	Maintain program affordability: Unjustified transfer of PRMRF capital equipment			-19,809
27	THAAD	451,592	489,392	+37,800
	Program increase: THAAD/Patriot JEON Phase I-III			+37,800
28	Aegis BMD	425,018	536,265	+111,247
	Transfer: SM-3 IIA interceptors-transfer from RDDW for AUR full funding			+41,247
	Program increase: Fully fund 4 SM-3 Block IIA AUR ..			+70,000
31	Arrow Weapon System		120,000	+120,000
	Program increase: Arrow 3 Weapon System Co-production			+120,000
32	David's Sling Weapon System		120,000	+120,000
	Program increase: David's Sling Weapon System Co-production			+120,000
34	Iron Dome	42,000	92,000	+50,000
	Program increase: Iron Dome Tamir Interceptors Co-production			+50,000
42	Major Equipment, OSD	36,999	21,999	-15,000
	Improving funds management: Forward financing			-15,000
49	Rotary Wing Upgrades and Sustainment	158,988	131,033	-27,955
	Transfer: SOCOM requested transfer to RDDW line 251			-7,500
	Transfer: SOCOM requested transfer to RDDW line 251			-6,000
	Restoring acquisition accountability: Degraded visual environment acquisition strategy			-5,700
	Restoring acquisition accountability: A/MH-6 block 3.0 upgrade-support costs ahead of need			-8,755
60	AC/MC-130J	179,934	151,754	-28,180
	Restoring acquisition accountability: Radio frequency countermeasures schedule adjustment			-28,180
61	C-130 Modifications	28,059	23,662	-4,397
	Improving funds management: RAMS ahead of need ..			-4,397
62	Underwater Systems	92,606	74,176	-18,430
	Transfer: SOCOM requested transfer to RDDW line 258			-12,800
	Restoring acquisition accountability: Shallow water combat submersible schedule adjustments			-5,630
66	Other Items <\$5M	54,592	49,498	-5,094
	Improving funds management: Collateral equipment ahead of need			-5,094
67	Combatant Craft Systems	23,272	40,772	+17,500
	Program increase: Maritime systems			+17,500
70	Warrior Systems <\$5M	252,070	254,770	+2,700
	Program increase: Weapons optics			+2,700
75	Operational Enhancements	241,429	258,954	+17,525
	Program increase: Joint Task Force Platform Expansion—outfit OCONUS facility w/ C4I infrastructure			+15,900
	Program increase: Data storage and bulk data scraping servers for PAI data			+1,625
76	Chemical Biological Situational Awareness	135,031	119,470	-15,561
	Restoring acquisition accountability: Program adjustments-CBRN DRS			-13,361
	Improving funds management: Prior year carryover-CALS fielding support			-2,200
77	CB Protection & Hazard Mitigation	141,027	127,429	-13,598

[In thousands of dollars]

Line	Item	2018 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: Contract delays-GPD			- 3,892
	Restoring acquisition accountability: Contract delays-JSAM			- 9,706
999	Classified Programs	657,759	580,559	- 77,200
	Classified adjustment			- 77,200

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 2017	\$64,065,000
Budget estimate, 2018	37,401,000
Committee recommendation	37,401,000

The Committee recommends an appropriation of \$37,401,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

Line	Item	Qty.	2018 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES		37,401		37,401		
	TOTAL, DEFENSE PRODUCTION ACT PURCHASES		37,401		37,401		