

**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 2019 budget requests a total of \$130,464,596,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$135,198,897,000 for fiscal year 2019. This is \$4,734,301,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2019 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

Account	2019 budget estimate	Committee recommendation	Change from budget estimate
Procurement:			
Aircraft Procurement, Army	3,782,558	4,890,658	+ 1,108,100
Missile Procurement, Army	3,355,777	3,160,597	- 195,180
Procurement of Weapons and Tracked Combat Vehicles, Army	4,489,118	4,515,290	+ 26,172
Procurement of Ammunition, Army	2,234,761	2,283,369	+ 48,608
Other Procurement, Army	7,999,529	7,709,078	- 290,451
Aircraft Procurement, Navy	19,041,799	20,083,169	+ 1,041,370
Weapons Procurement, Navy	3,702,393	3,780,572	+ 78,179
Procurement of Ammunition, Navy and Marine Corps	1,006,209	970,454	- 35,755
Shipbuilding and Conversion, Navy	21,871,437	23,992,937	+ 2,121,500
Other Procurement, Navy	9,414,355	10,393,562	+ 979,207
Procurement, Marine Corps	2,860,410	2,800,997	- 59,413
Aircraft Procurement, Air Force	16,206,937	15,772,473	- 434,464
Missile Procurement, Air Force	2,669,454	2,614,954	- 54,500
Space Procurement, Air Force	2,527,542	2,224,142	- 303,400
Procurement of Ammunition, Air Force	1,587,304	1,564,880	- 22,424
Other Procurement, Air Force	20,890,164	20,839,366	- 50,798
Procurement, Defense-Wide	6,786,271	6,663,821	- 122,450
National Guard and Reserve Equipment .....	.....	900,000	+ 900,000
Defense Production Act Purchases	38,578	38,578	.....
Total	130,464,596	135,198,897	+ 4,734,301

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.

FUNDING INCREASES

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

PROCUREMENT SPECIAL INTEREST ITEMS

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

PROCUREMENT OVERVIEW

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 proposed 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 continues to support the Department of the Army's efforts to ensure that the critical manufacturing capabilities of the nation's organic industrial base are maintained, and commends the Army for issuing a definitive make-or-buy directive for the manufacturing arsenals. The new guidance ensures that the arsenals will be given fair consideration for every Army acquisition; provides for a 30-day review of all such decisions by the Army Acquisition Executive; requires all private sector companies to consider the arsenals as a potential supplier of component parts; and provides for an annual review of this overall process. The Committee encourages the Army to implement the new directive consistently to ensure the arsenals have the workload necessary to maintain the proficiency and capacity to meet the manufacturing needs of the nation during war and peacetime. 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.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2018	\$5,535,794,000
Budget estimate, 2019	3,782,558,000
Committee recommendation	4,890,658,000

The Committee recommends an appropriation of \$4,890,658,000. This is \$1,108,100,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT						
	FIXED WING						
2	UTILITY F/W CARGO AIRCRAFT		744		18,644		+ 17,900
3	MQ-1 UAV		43,326		40,226		- 3,100
4	RQ-11 (RAVEN)		46,416		46,416		
	ROTARY						
7	AH-64 APACHE BLOCK IIIA REMAN	48	753,248	48	753,248		
8	AH-64 APACHE BLOCK IIIA REMAN [AP-CY]		174,550		174,550		
9	AH-64 APACHE BLOCK IIIB NEW BUILD	12	284,687	12	1,004,687		+ 720,000
10	AH-64 APACHE BLOCK IIIB NEW BUILD [AP-CY]		58,600		58,600		
11	UH-60 BLACKHAWK (MYP)	49	988,810	49	1,308,310		+ 319,500
12	UH-60 BLACKHAWK (MYP) [AP-CY]		106,150		106,150		
13	UH-60 BLACKHAWK A AND L MODELS	18	146,138	18	150,138		+ 4,000
14	CH-47 HELICOPTER	6	99,278	6	99,278		
15	[AP-CY]		24,235		24,235		
	TOTAL, AIRCRAFT		2,726,182		3,784,482		+ 1,058,300
	MODIFICATION OF AIRCRAFT						
18	UNIVERSAL GROUND CONTROL EQUIPMENT		27,114		27,114		
19	GRAY EAGLE MODS2		97,781		97,781		
20	MULTI SENSOR ABN RECON (MIP)		52,274		52,274		
21	AH-64 MODS		104,996		104,996		
22	CH-47 CARGO HELICOPTER MODS		7,807		7,807		
23	GRCS SEMA MODS (MIP)		5,573		5,573		
24	ARL SEMA MODS (MIP)		7,522		7,522		
25	EMARSS SEMA MODS (MIP)		20,448		60,248		+ 39,800
26	UTILITY/CARGO AIRPLANE MODS		17,719		17,719		
27	UTILITY HELICOPTER MODS		6,443		16,443		+ 10,000
28	NETWORK AND MISSION PLAN		123,614		123,614		
29	COMMS, NAV SURVEILLANCE		161,969		161,969		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
30	DEGRADED VISUAL ENVIRONMENT		30,000		30,000		
31	GATM ROLLUP		26,848		26,848		
32	RQ-7 UAV MODS		103,246		103,246		
33	UAS MODS		17,644		17,644		
	TOTAL, MODIFICATION OF AIRCRAFT		810,998		860,798		+ 49,800
	SUPPORT EQUIPMENT AND FACILITIES						
	GROUND SUPPORT AVIONICS						
34	AIRCRAFT SURVIVABILITY EQUIPMENT		57,170		57,170		
35	SURVIVABILITY CM		5,853		5,853		
36	CMWS		13,496		13,496		
37	COMMON INFRARED COUNTERMEASURES		36,839		36,839		
	OTHER SUPPORT						
38	AVIONICS SUPPORT EQUIPMENT		1,778		1,778		
39	COMMON GROUND EQUIPMENT		34,818		34,818		
40	AIRCREW INTEGRATED SYSTEMS		27,243		27,243		
41	AIR TRAFFIC CONTROL		63,872		63,872		
42	INDUSTRIAL FACILITIES		1,417		1,417		
43	LAUNCHER, 2.75 ROCKET		1,901		1,901		
44	LAUNCHER GUIDED MISSILE: LONGBOW HELLIHRE XM2		991		991		
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES		245,378		245,378		
	TOTAL, AIRCRAFT PROCUREMENT, ARMY		3,782,558		4,890,658		+ 1,108,100

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
2	Utility F/W Aircraft	744	18,644	+ 17,900
	Program increase: EMARSS-E			+ 17,900
3	MQ-1 UAV	43,326	40,226	- 3,100
	Improving funds management: Contractor Management Growth			- 3,100
9	AH-64 Apache Block IIIB New Build	284,687	1,004,687	+ 720,000
	Program increase: Additional helicopters			+ 720,000
11	UH-60 Blackhawk M Model [MYP]	988,810	1,308,310	+ 319,500
	Program increase: Fifteen aircraft for the ARNG			+ 319,500
13	UH-60 Black Hawk A and L Models	146,138	150,138	+ 4,000
	Program increase: ARNG UH/HH-60 Black Hawk SWIR integration			+ 4,000
25	EMARSS SEMA Mods [MIP]	20,448	60,248	+ 39,800
	Program increase: EMARSS-E Pods			+ 39,800
27	Utility Helicopter Mods	6,443	16,443	+ 10,000
	Program increase: Light Utility Helicopter sustainment plan			+ 10,000

AH-64 Apache Block IIIB New Build.—The Committee recommendation includes \$1,184,687,000 for the procurement of AH-64 Apache Block IIIB New Build aircraft, an increase of \$720,000,000 above the budget request. The Secretary of the Army is encouraged to increase readiness by addressing the shortfall of aircraft in the Army National Guard Apache battalions.

UH-60 Black Hawk.—The Committee recommendation includes \$1,308,310,000 for the procurement of 64 UH-60M Black Hawk aircraft, an increase of \$319,500,000 and 15 aircraft above the budget request. Of the 64 aircraft funded within the fiscal year 2019 President's budget request, 15 are designated only for the Army National Guard.

CH-47 Cargo Helicopter.—The Committee encourages the Army to accelerate retrofit of MH/CH-47 aircraft with vibration control systems to reduce aircrew fatigue, improve performance and increase operational time between maintenance of certain aircraft components.

MISSILE PROCUREMENT, ARMY

Appropriations, 2018	\$3,196,910,000
Budget estimate, 2019	3,355,777,000
Committee recommendation	3,160,597,000

The Committee recommends an appropriation of \$3,160,597,000. This is \$195,180,000 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.	2019 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]		111,395		105,395		-6,000
2	MSE MISSILE	179	871,276	179	871,276		
3	INDIRECT FIRE PROTECTION CAPABILITY		145,636		145,636		
4	INDIRECT FIRE PROTECTION CAPABILITY [AP-CY]		31,286		27,586		-3,700
6	AIR-TO-SURFACE MISSILE SYSTEM						
	JOINT AIR-TO-GROUND MSLs [JAGM]	1,046	276,462	1,046	276,462		
8	ANTI-TANK/ASSAULT MISSILE SYSTEM						
	JAVELIN (AAWS-M) SYSTEM SUMMARY	709	303,665	709	214,365		-89,300
9	TOW 2 SYSTEM SUMMARY	1,472	105,014	1,472	102,113		-2,901
10	TOW 2 SYSTEM SUMMARY [AP-CY]		19,949		19,949		
11	GUIDED MLRS ROCKET [GMLRS]	3,267	359,613	3,267	355,859		-3,754
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	2,214	20,964	2,214	20,964		
	TOTAL, OTHER MISSILES		2,245,260		2,139,605		-105,655
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
15	PATRIOT MODS		313,228		313,228		
16	ATACMS MODS		221,656		171,656		-50,000
17	GMLRS MOD		266		266		
18	STINGER MODS		94,756		94,756		
19	AVENGER MODS		48,670		31,093		-17,577
20	ITAS/TOW MODS		3,173		3,173		
21	MLRS MODS		383,216		361,268		-21,948
22	HIMARS MODIFICATIONS		10,196		10,196		
	TOTAL, MODIFICATION OF MISSILES		1,075,161		985,636		-89,525
23	SPARES AND REPAIR PARTS		27,737		27,737		
	SPARES AND REPAIR PARTS						

24	SUPPORT EQUIPMENT AND FACILITIES						
	AIR DEFENSE TARGETS	6,417	6,417		6,417		
25	PRODUCTION BASE SUPPORT	1,202	1,202		1,202		
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	7,619	7,619		7,619		
	TOTAL, MISSILE PROCUREMENT, ARMY	3,355,777	3,355,777		3,160,597		- 195,180

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	Lower Tier Air and Missile Defense [AMD]	111,395	105,395	- 6,000
	Improving funds management: Prior year carryover of support costs			- 6,000
4	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I [AP-CY] ...	31,286	27,586	- 3,700
	Improving funds management: Forward financing program management			- 3,700
8	Javelin [Aaws-M] System Summary	303,665	214,365	- 89,300
	Improving funds management: CLU retrofits funded in Public Law 115-141			- 86,500
	Improving funds management: Forward financing support costs			- 2,800
9	Tow 2 System Summary	105,014	102,113	- 2,901
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 2,901
11	Guided MLRS Rocket [GMLRS]	359,613	355,859	- 3,754
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 3,754
16	ATACMS MODS	221,656	171,656	- 50,000
	Improving funds management: Munitions funded in Public Law 115-141			- 50,000
19	Avenger Mods	48,670	31,093	- 17,577
	Restoring acquisition accountability: M-SHORAD ahead of need			- 17,577
21	MLRS Mods	383,216	361,268	- 21,948
	Improving funds management: Obsolescence NRE previously funded			- 12,300
	Improving funds management: Unit cost savings			- 7,600
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 2,048

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 2018	\$4,391,573,000
Budget estimate, 2019	4,489,118,000
Committee recommendation	4,515,290,000

The Committee recommends an appropriation of \$4,515,290,000. This is \$26,172,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY						
2	TRACKED COMBAT VEHICLES	131	479,801	131	478,606		-1,195
	ARMORED MULTI PURPOSE VEHICLE (AMPV)						
	MODIFICATION OF TRACKED COMBAT VEHICLES						
4	STRYKER (MOD)		287,490		127,301		-160,189
5	STRYKER UPGRADE	3	21,900	82	265,290	+79	+243,390
6	BRADLEY PROGRAM (MOD)		625,424		465,424		-160,000
7	M109 FOV MODIFICATIONS		26,482		26,482		
8	PALADIN INTEGRATED MANAGEMENT (PIM)	30	351,802	43	458,902	+13	+107,100
9	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	26	110,500	26	110,500		
10	ASSAULT BRIDGE (MOD)		2,120		2,120		
11	ASSAULT BREACHER VEHICLE	12	62,407	12	62,407		
12	M88 FOV MODS		4,517		4,517		
13	JOINT ASSAULT BRIDGE	30	142,255	30	141,231		-1,024
14	M1 ABRAMS TANK (MOD)		927,600		925,041		-2,559
15	ABRAMS UPGRADE PROGRAM	95	1,075,999	95	1,072,243		-3,756
	TOTAL, TRACKED COMBAT VEHICLES		4,118,297		4,140,064		+21,767
	WEAPONS AND OTHER COMBAT VEHICLES						
18	M240 MEDIUM MACHINE GUN (7.62MM)		1,955		14,455		+12,500
19	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON		23,345		23,345		
20	GUN AUTOMATIC 30MM M230		7,434				-7,434
21	MACHINE GUN, CAL .50 M2 ROLL		22,330		22,330		
22	MORTAR SYSTEMS		12,470		12,470		
23	XM320 GRENADE LAUNCHER MODULE (GLM)		697		18,197		+17,500
24	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM		46,236		46,236		
25	CARBINE		69,306		67,806		-1,500
26	SMALL ARMS—FIRE CONTROL		7,929				-7,929
27	COMMON REMOTELY OPERATED WEAPONS STATION		35,968		35,968		
28	MODULAR HANDGUN SYSTEM		48,251		48,251		
	MOD OF WEAPONS AND OTHER COMBAT VEH						
29	MK-19 GRENADE MACHINE GUN MODS		1,684		1,684		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
30	M777 MODS		3,086		3,086		
31	M4 CARBINE MODS		31,575		31,575		
32	M2 50 CAL MACHINE GUN MODS		21,600		14,178		-7,422
33	M249 SAW MACHINE GUN MODS		3,924		3,924		
34	M240 MEDIUM MACHINE GUN MODS		6,940		6,940		
35	SNIPER RIFLES MODIFICATIONS		2,747		2,747		
36	M119 MODIFICATIONS		5,704		4,394		-1,310
37	MORTAR MODIFICATION		3,965		3,965		
38	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)		5,577		5,577		
	SUPPORT EQUIPMENT AND FACILITIES						
39	ITEMS LESS THAN \$5.0M (WOCV-WTCV)		3,174		3,174		
40	PRODUCTION BASE SUPPORT (WOCV-WTCV)		3,284		3,284		
41	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)		1,640		1,640		
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES		370,821		375,226		+4,405
	TOTAL, PROCUREMENT OF W&TCV, ARMY		4,489,118		4,515,290		+26,172

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
2	Armored Multi Purpose Vehicle [AMPV]	479,801	478,606	- 1,195
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 1,195
4	Stryker (MOD)	287,490	127,301	- 160,189
	Transfer: Army requested transfer to W&TCV line 5			- 149,390
	Restoring acquisition accountability: Revised DVH acquisition strategy			- 5,000
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 5,799
5	Stryker Upgrade	21,900	265,290	+ 243,390
	Transfer: Army requested transfer from W&TCV line 4 ..			+ 149,390
	Program increase: DVHA1 conversions			+ 94,000
6	Bradley Program (MOD)	625,424	465,424	- 160,000
	Restoring acquisition accountability: Revised A4 acquisition strategy			- 160,000
8	Paladin Integrated Management [PIM]	351,802	458,902	+ 107,100
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 2,900
	Program increase: PIM production restoration			+ 110,000
13	Joint Assault Bridge	142,255	141,231	- 1,024
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 1,024
14	M1 Abrams Tank (MOD)	927,600	925,041	- 2,559
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 2,559
15	Abrams Upgrade Program	1,075,999	1,072,243	- 3,756
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 3,756
18	M240 Medium Machine Gun (7.62MM)	1,955	14,455	+ 12,500
	Program increase: M240 production			+ 12,500
20	GUN AUTOMATIC 30MM M230	7,434		- 7,434
	Restoring acquisition accountability: Ahead of need			- 7,434
23	XM320 Grenade Launcher Module [GLM]	697	18,197	+ 17,500
	Program increase			+ 17,500
25	Carbine	69,306	67,806	- 1,500
	Maintain program affordability: Unjustified management growth			- 1,500
26	Small Arms—Fire Control	7,929		- 7,929
	Restoring acquisition accountability: Unfinalized requirements			- 7,929
32	M2 50 Cal Machine Gun Mods	21,600	14,178	- 7,422
	Improving funds management: Prior year carryover			- 7,422
36	M119 Modifications	5,704	4,394	- 1,310
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 1,310

Army Stryker Double-V Hull A1.—Following the submission of the fiscal year 2019 President’s budget request, the Chief of Staff of the Army approved an Army Requirements Oversight Counsel [AROC] decision to upgrade and pure fleet all Flat-Bottom Hull [FBH] Stryker combat vehicles to the Double V–Hull A1 variant [DVHA1] in an effort to improve troop survivability and mobility. The fiscal year 2019 President’s budget request includes \$21,900,000 to upgrade three FBH Stryker vehicles to DVHA1 variants. Subsequent to the AROC decision, the Army requested a budget based transfer of \$149,390,000 to fund additional conver-

sions. With the transfer, the Army can resource 53 DVHA1 conversions totaling \$171,290,000. The Committee has also included a congressional adjustment of \$94,000,000 for 29 conversions. In addition, the Committee understands that the Army plans to submit a reprogramming request to the congressional defense committees with a request to repurpose fiscal year 2018 congressionally directed funding totaling \$285,000,000 for 91 DVHA1 conversions. If the reprogramming action is approved by the congressional defense committees, the Army will have sufficient resources to fund conversions for half the vehicles in a Stryker Brigade Combat Team [SBCT].

The Committee supports the net-zero fiscal year 2019 transfer request and additional funding for DVHA1 conversions, while anticipating the fiscal year 2018 reprogramming request. However, the Committee is concerned with the Army’s ability to maintain this level of effort through resourcing decisions in the Future Years Defense Program profile within future Program Objective Memorandum and budgeting cycles. Therefore, the Secretary of the Army shall report to the congressional defense committees not later than 30 days after the enactment of this act, on the Army’s acquisition strategy to upgrade and pure fleet the remaining FBH SBCTs to DVHA1 variants.

M4A1 Carbine Extended Forward Rail System.—The Army’s Soldier Enhancement Program study published in December 2017 found that the United States Special Operations Command’s extended free-float rail system is substantially more accurate than the Army’s legacy M4A1 rail and readily available in the supply system. While the Committee supports the Army’s modernization strategy which calls for developing and fielding the Next Generation Squad Automatic Weapon before developing and fielding the Next Generation Soldier Weapon, the Committee remains concerned that the Army is not accelerating modest and readily available upgrades to the M4A1 Carbine and thereby improving soldier lethality in the interim. Therefore, the Committee encourages the Secretary of the Army to accelerate adapting a government provided extended free-float rail system for the M4A1 carbine.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2018	\$2,548,740,000
Budget estimate, 2019	2,234,761,000
Committee recommendation	2,283,369,000

The Committee recommends an appropriation of \$2,283,369,000. This is \$48,608,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AMMUNITION						
	SMALL/MEDIUM CAL AMMUNITION						
1	CTG, 5.56MM, ALL TYPES		41,848		41,848		
2	CTG, 7.62MM, ALL TYPES		86,199		86,199		
3	CTG, HANDGUN, ALL TYPES		20,158		19,159		-999
4	CTG, .50 CAL, ALL TYPES		65,573		65,573		
5	CTG, 20MM, ALL TYPES		8,198		8,198		
7	CTG, 30MM, ALL TYPES		77,995		77,995		
8	CTG, 40MM, ALL TYPES		69,781		69,781		
	MORTAR AMMUNITION						
9	60MM MORTAR, ALL TYPES		45,280		45,280		
10	81MM MORTAR, ALL TYPES		46,853		47,403		+550
11	120MM MORTAR, ALL TYPES		83,003		82,853		-150
	TANK AMMUNITION						
12	CTG TANK 105MM AND 120MM: ALL TYPES		168,101		151,901		-16,200
	ARTILLERY AMMUNITION						
13	CTG, ARTY, 75MM AND 105MM: ALL TYPES		39,341		34,673		-4,668
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES		211,442		221,442		+10,000
15	PROJ 155MM EXTENDED RANGE XM982	1,189	100,906	1,189	100,906		
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES		236,677		206,677		-30,000
	MINES						
17	MINES AND CLEARING CHARGES, ALL TYPES		15,905		15,005		-900
	ROCKETS						
18	SHOULDER LAUNCHED MUNITIONS, ALL TYPES		4,503		4,503		
19	ROCKET, HYDRA 70, ALL TYPES		211,211		229,761		+18,550
	OTHER AMMUNITION						
20	CAD/PAD ALL TYPES		10,428		8,928		-1,500
21	DEMOLITION MUNITIONS, ALL TYPES		44,656		44,656		
22	GRENADES, ALL TYPES		19,896		39,896		+20,000

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
23	SIGNALS, ALL TYPES		10,121		8,121		-2,000
24	SIMULATORS, ALL TYPES		11,464		11,464		
	MISCELLANEOUS						
25	AMMO COMPONENTS, ALL TYPES		5,224		5,224		
26	NON-LETHAL AMMUNITION, ALL TYPES		4,310		2,810		-1,500
27	ITEMS LESS THAN \$5 MILLION		11,193		11,193		
28	AMMUNITION PECULIAR EQUIPMENT		10,500		10,500		
29	FIRST DESTINATION TRANSPORTATION (AMMO)		18,456		18,456		
30	CLOSEOUT LIABILITIES		100		100		
	TOTAL, AMMUNITION		1,679,322		1,670,505		-8,817
	AMMUNITION PRODUCTION BASE SUPPORT						
	PRODUCTION BASE SUPPORT						
32	PROVISION OF INDUSTRIAL FACILITIES		394,133		451,558		+ 57,425
33	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL		157,535		157,535		
34	ARMS INITIATIVE		3,771		3,771		
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT		555,439		612,864		+ 57,425
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY		2,234,761		2,283,369		+ 48,608

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
3	CTG, Handgun, All Types	20,158	19,159	- 999
	Restoring acquisition accountability: requirement previously funded (CTG, 9MM High Pressure Test M905)			- 999
10	81MM Mortar, All Types	46,853	47,403	+ 550
	Restoring acquisition accountability: schedule slip (81MM HE M821)			- 4,450
	Program increase			+ 5,000
11	120MM Mortar, All Types	83,003	82,853	- 150
	Restoring acquisition accountability: LAP unit cost growth (120MM HE M933)			- 150
12	Cartridges, Tank, 105MM and 120MM, All Types	168,101	151,901	- 16,200
	Restoring acquisition accountability: Program delays (XM1147)			- 8,200
	Restoring acquisition accountability: schedule slip (120MM M829A4)			- 8,000
13	Artillery Cartridges, 75MM & 105MM, All Types	39,341	34,673	- 4,668
	Restoring acquisition accountability: requirement previously funded (105MM IR ILLUM M1064)			- 4,668
14	Artillery Projectile, 155MM, All Types	211,442	221,442	+ 10,000
	Realignment M795: Army requested			- 33,000
	Realignment BONUS: Army requested			+ 33,000
	Program increase: M1121			+ 5,000
	Program increase: M825			+ 5,000
16	Artillery Propellants, Fuzes and Primers, All	236,677	206,677	- 30,000
	Restoring acquisition accountability: requirement previously funded (PGK)			- 30,000
17	Mines & Clearing Charges, All Types	15,905	15,005	- 900
	Restoring acquisition accountability: unit cost growth (MK7)			- 500
	Restoring acquisition accountability: Production engineering growth (MK7)			- 400
19	Rocket, Hydra 70, All Types	211,211	229,761	+ 18,550
	Restoring acquisition accountability: Engineering cost growth (Guided Rockets)			- 11,450
	Program increase: Unfunded requirement			+ 30,000
20	CAD/PAD, All Types	10,428	8,928	- 1,500
	Improving funds management: Forward financing			- 1,500
22	Grenades, All Types	19,896	39,896	+ 20,000
	Program increase: M18 variants			+ 20,000
23	Signals, All Types	10,121	8,121	- 2,000
	Improving funds management: Forward financing			- 2,000
26	Non-Lethal Ammunition, All Types	4,310	2,810	- 1,500
	Improving funds management: Forward financing			- 1,500
32	Industrial Facilities	394,133	451,558	+ 57,425
	Program increase			+ 57,425

OTHER PROCUREMENT, ARMY

Appropriations, 2018	\$8,298,418,000
Budget estimate, 2019	7,999,529,000
Committee recommendation	7,709,078,000

The Committee recommends an appropriation of \$7,709,078,000. This is \$290,451,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES						
	TACTICAL VEHICLES						
1	TACTICAL TRAILERS/DOLLY SETS		16,512		16,512		
2	SEMITRAILERS, FLATBED		16,951		16,951		
3	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)		50,123		170,123		+ 120,000
4	GROUND MOBILITY VEHICLES (GMV)		46,988		46,988		
6	JOINT LIGHT TACTICAL VEHICLE		1,319,436		1,302,473		- 16,963
7	TRUCK, DUMP, 20t (CCE)		6,480		6,480		
8	FAMILY OF MEDIUM TACTICAL VEH (FMTV)		132,882		132,882		
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP		14,842		14,842		
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)		138,105		121,691		- 16,414
12	HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV		31,892		28,596		- 3,296
13	TACTICAL WHEELED VEHICLE PROTECTION KITS		38,128		38,128		
14	MODIFICATION OF IN SVC EQUIP		78,507		75,265		- 3,242
	NON-TACTICAL VEHICLES						
16	HEAVY ARMORED SEDAN		790		790		
17	PASSENGER CARRYING VEHICLES		1,390		1,390		
18	NONTACTICAL VEHICLES, OTHER		15,415		15,415		
	TOTAL, TACTICAL AND SUPPORT VEHICLES		1,908,441		1,988,526		+ 80,085
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM—JOINT COMMUNICATIONS						
20	SIGNAL MODERNIZATION PROGRAM		150,777		86,507		- 64,270
21	TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE		469,117		430,775		- 38,342
22	SITUATION INFORMATION TRANSPORT		62,727		62,727		
23	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY		13,895		13,895		
24	JCS-EQUIPMENT (USREDCOM)		4,866		4,866		
	COMM—SATELLITE COMMUNICATIONS						
27	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS		108,133		108,133		
28	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS		56,737		69,960		+ 13,223

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
29	SHF TERM		13,100		13,100		
30	SMART-T (SPACE)		9,160		9,160		
31	GLOBAL BROADCAST SVC—GBS		25,647		25,647		
32	ENROUTE MISSION COMMAND (EMC)		37,401		37,401		
	COMM—COMBAT SUPPORT COMM						
	COMM—C3 SYSTEM						
36	COE TACTICAL SERVER INFRASTRUCTURE (TSI)		20,500		20,500		
	COMM—COMBAT COMMUNICATIONS						
38	HANDHELD MANPACK SMALL FORM FIT (HMS)		351,565		298,475		— 53,090
40	RADIO TERMINAL SET, MIDS LVT(2)		4,641		4,641		
41	TRACTOR DESK		2,187		2,187		
42	TRACTOR RIDE		9,411		9,411		
44	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE		17,515		17,515		
45	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM		819		819		
46	UNIFIED COMMAND SUITE		17,807		17,807		
47	COTS COMMUNICATIONS EQUIPMENT		191,835		63,835		— 128,000
48	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE		25,177		25,177		
	COMM—INTELLIGENCE COMM						
50	CI AUTOMATION ARCHITECTURE [IMP]		9,740		9,740		
51	DEFENSE MILITARY DECEPTION INITIATIVE		2,667		2,667		
	INFORMATION SECURITY						
53	FAMILY OF BIOMETRICS		8,319		8,319		
54	INFORMATION SYSTEM SECURITY PROGRAM—ISSP		2,000		2,000		
55	COMMUNICATIONS SECURITY (COMSEC)		88,337		88,337		
56	DEFENSIVE CYBER OPERATIONS		51,343		45,343		— 6,000
57	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITOR		330		330		
58	PERSISTENT CYBER TRAINING ENVIRONMENT		3,000				— 3,000
	COMM—LONG HAUL COMMUNICATIONS						
59	BASE SUPPORT COMMUNICATIONS		34,434		32,557		— 1,877
	COMM—BASE COMMUNICATIONS						
60	INFORMATION SYSTEMS		95,558		81,609		— 13,949

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
104	NETWORK MANAGEMENT INITIALIZATION AND SERVICE		18,329		15,087		-3,242
105	MANEUVER CONTROL SYSTEM (MCS)		38,015		29,144		-8,871
106	GLOBAL COMBAT SUPPORT SYSTEM-ARMY		15,164		15,164		
107	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY		29,239				-29,239
109	RECONNAISSANCE AND SURVEYING INSTRUMENT SET		6,823		6,823		
110	MOD OF IN-SERVICE EQUIPMENT (ENFIRE)		1,177		1,177		
	ELECT EQUIP—AUTOMATION						
111	ARMY TRAINING MODERNIZATION		12,265		12,265		
112	AUTOMATED DATA PROCESSING EQUIPMENT		201,875		201,875		
113	GENERAL FUND ENTERPRISE BUSINESS SYSTEM		10,976		10,976		
114	HIGH PERF COMPUTING MOD PROGRAM		66,330		66,330		
115	CONTRACT WRITING SYSTEM		5,927		5,927		
116	RESERVE COMPONENT AUTOMATION SYS (RCAS)		27,896		27,896		
	ELECT EQUIP—AUDIO VISUAL SYS (AV)						
117	TACTICAL DIGITAL MEDIA		4,392		4,392		
118	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)		1,970		1,970		
	ELECT EQUIP—SUPPORT						
119	PRODUCTION BASE SUPPORT (C-E)		506		15,506		+15,000
120	BCT EMERGING TECHNOLOGIES				144,500		+144,500
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		4,150,664		3,851,015		-299,649
	OTHER SUPPORT EQUIPMENT						
	CHEMICAL DEFENSIVE EQUIPMENT						
121	PROTECTIVE SYSTEMS		2,314		2,314		
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)		7,478		7,478		
124	CBRN DEFENSE		173,954		173,954		
	BRIDGING EQUIPMENT						
125	TACTICAL BRIDGING		98,229		81,729		-16,500
126	TACTICAL BRIDGE, FLOAT-RIBBON		64,438		64,438		
127	COMMON BRIDGE TRANSPORTER RECAP		79,916		78,892		-1,024

128	ENGINEER (NON-CONSTRUCTION) EQUIPMENT	8,471	8,471	8,471	8,471
129	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	29,883	29,883	27,666	27,666
130	GROUND STANDOFF MINE DETECTION SYSTEM [GSTMIDS]	11,594	11,594	11,594	-2,217
131	AREA MINE DETECTION SYSTEM (AMDS)	40,834	40,834	40,834	
132	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	4,029	4,029	4,029	
133	ROBOTIC COMBAT SUPPORT SYSTEM	14,208	14,208	18,826	+4,618
134	EOD ROBOTICS SYSTEMS RECAPITALIZATION	31,456	31,456	31,456	
135	ROBOTICS AND APPLIQUE SYSTEMS	1,748	1,748	1,748	
136	REMOTE DEMOLITION SYSTEMS	7,829	7,829	7,829	
137	ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT	5,806	5,806	5,806	
138	FAMILY OF BOATS AND MOTORS				
	COMBAT SERVICE SUPPORT EQUIPMENT				
139	HEATERS AND ECUS	9,852	9,852	9,852	
140	SOLDIER ENHANCEMENT	1,103	1,103	1,103	
141	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,875	5,875	5,875	
142	GROUND SOLDIER SYSTEM	92,487	92,487	34,781	-57,706
143	MOBILE SOLDIER POWER	30,774	30,774	30,774	
144	FIELD FEEDING EQUIPMENT	17,521	17,521	17,521	
145	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	44,855	44,855	44,855	
146	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	17,173	17,173	15,978	-1,195
147	ITEMS LESS THAN \$5M (ENG SPT)	2,000	2,000	2,000	
148	PETROLEUM EQUIPMENT				
149	QUALITY SURVEILLANCE EQUIPMENT	1,770	1,770	1,770	
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	39,730	39,730	35,635	-4,095
	MEDICAL EQUIPMENT				
151	COMBAT SUPPORT MEDICAL	57,752	57,752	77,752	+20,000
	MAINTENANCE EQUIPMENT				
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	37,722	37,722	34,479	-3,243
153	ITEMS LESS THAN \$5.0M (MAINT EO)	4,985	4,985	4,985	
	CONSTRUCTION EQUIPMENT				
155	SCRAPERS, EARTHMOVING	7,961	7,961	7,961	
156	HYDRAULIC EXCAVATOR	1,355	1,355	1,355	
158	ALL TERRAIN CRANES	13,031	13,031	13,031	
159	HIGH MOBILITY ENGINEER EXCAVATOR (HMEEL) FOS	46,048	46,048	46,048	
160	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	980	980	980	
161	CONST EQUIP ESP	37,017	37,017	35,652	-1,365
162	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,103	6,103	6,103	

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
163	RAIL FLOAT CONTAINERIZATION EQUIPMENT		27,711		25,663		-2,048
164	ARMY WATERCRAFT ESP		8,385		8,385		
	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)						
	GENERATORS						
165	GENERATORS AND ASSOCIATED EQUIPMENT		133,772		133,772		
166	TACTICAL ELECTRIC POWER RECAPITALIZATION		8,333		8,333		
	MATERIAL HANDLING EQUIPMENT						
167	FAMILY OF FORKLIFTS		12,901		12,901		
	TRAINING EQUIPMENT						
168	COMBAT TRAINING CENTERS SUPPORT		123,228		121,428		-1,800
169	TRAINING DEVICES, NONSYSTEM		228,598		228,598		
170	CLOSE COMBAT TACTICAL TRAINER		33,080		33,080		
171	AVIATION COMBINED ARMS TACTICAL TRAINER		32,700		32,700		
172	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING		25,161		25,161		
	TEST MEASURE AND DIG EQUIPMENT (TMD)						
173	CALIBRATION SETS EQUIPMENT		4,270		4,270		
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)		76,295		72,542		-3,753
175	TEST EQUIPMENT MODERNIZATION (TEMOD)		9,806		9,806		
	OTHER SUPPORT EQUIPMENT						
176	M25 STABILIZED BINOCULAR		4,368		4,368		
177	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT		9,879		11,879		+2,000
178	PHYSICAL SECURITY SYSTEMS (OPAS)		54,043		51,484		-2,559
179	BASE LEVEL COM'L EQUIPMENT		6,633		6,633		
180	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)		49,797		49,797		
181	PRODUCTION BASE SUPPORT (OTH)		2,301		2,301		
182	SPECIAL EQUIPMENT FOR USER TESTING		11,608		11,608		
183	TRACTOR YARD		4,956		4,956		
	TOTAL, OTHER SUPPORT EQUIPMENT		1,926,106		1,855,219		-70,887

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
3	Ambulance, 4 LITTER, 5/4 TON, 4x4	50,123	170,123	+ 120,000
	Program increase: HMMWV ambulances			+ 120,000
6	Joint Light Tactical Vehicle	1,319,436	1,302,473	- 16,963
	Maintain program affordability: Maintain test support level of effort			- 16,963
10	Family of Heavy Tactical Vehicles [FHTV]	138,105	121,691	- 16,414
	Restoring acquisition accountability: CLS contract award delay			- 15,219
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 1,195
12	Hvy Expanded Mobile Tactical Truck Ext Serv	31,892	28,596	- 3,296
	Improving funds management: Prior year carryover			- 3,296
14	Modification of In Svc Equip	78,507	75,265	- 3,242
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 3,242
20	Signal Modernization Program	150,777	86,507	- 64,270
	Improving funds management: SFAB equipment funded in Public Law 115-141			- 41,000
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 2,900
	Restoring acquisition accountability: TROPO delays			- 20,370
21	Tactical Network Technology Mod In Svc	469,117	430,775	- 38,342
	Maintain program affordability: Unjustified equipment and support growth			- 35,000
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 3,342
28	Transportable Tactical Command Communications	56,737	69,960	+ 13,223
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 4,777
	Program increase			+ 18,000
38	Handheld Manpack Small Form Fit [HMS]	351,565	298,475	- 53,090
	Improving funds management: SFAB equipment funded in Public Law 115-141			- 51,591
	Improving funds management: Site activation carryover			- 1,499
47	COTS Communications Equipment	191,835	63,835	- 128,000
	Improving funds management: SFAB equipment funded in Public Law 115-141			- 128,000
56	Defensive CYBER Operations	51,343	45,343	- 6,000
	Insufficient budget justification: Program discrepancies			- 6,000
58	Persistent Cyber Training Environment	3,000		- 3,000
	Restoring acquisition accountability: Ahead of need			- 3,000
59	Base Support Communications	34,434	32,557	- 1,877
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 1,877
60	Information Systems	95,558	81,609	- 13,949
	Restoring acquisition accountability: ARCYBER funded in excess to requirement			- 13,949
63	Installation Info Infrastructure Mod Program	216,433	174,938	- 41,495
	Maintain program affordability: Unjustified growth			- 20,000
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 21,495
68	DCGS-A [MIP]	261,863	253,954	- 7,909
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			- 7,909
81	Family of Persistent Surveillance Cap. [MIP]		1,585	+ 1,585
	Program increase: SOUTHCOM force protection			+ 1,585
82	Counterintelligence/Security Countermeasures		5,400	+ 5,400
	Program increase: SOUTHCOM ISR requirements			+ 5,400
84	Sentinel Mods	79,629	77,752	- 1,877

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-1,877
85	Night Vision Devices	153,180	155,680	+2,500
	Program increase: Digital night vision test devices			+2,500
90	Indirect Fire Protection Family of Systems	46,740	6,740	-40,000
	Improving funds management: Forward financing support costs			-10,000
	Restoring acquisition accountability: Requirements previously funded			-30,000
91	Family of Weapon Sights [FWS]	140,737	125,513	-15,224
	Restoring acquisition accountability: FWS-S program delays			-15,224
94	Joint Battle Command—Platform [JBC-P]	405,239	383,691	-21,548
	Improving funds management: SFAB equipment funded in Public Law 115-141			-13,358
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-8,190
102	AIR & MSL Defense Planning & Control Sys	33,837	29,913	-3,924
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-3,924
104	Network Management Initialization and Service	18,329	15,087	-3,242
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-3,242
105	Maneuver Control System [MCS]	38,015	29,144	-8,871
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-8,871
107	Integrated Personnel and Pay System—Army [IPPS-A]	29,239		-29,239
	Restoring acquisition accountability: Release 3.0 delays ..			-29,239
119	Production Base Support [C-E]	506	15,506	+15,000
	Program increase: Advanced manufacturing			+15,000
120	BCT Emerging Technologies		144,500	+144,500
	Program increase: Cyber electromagnetic activities			+144,500
125	Tactical Bridging	98,229	81,729	-16,500
	Restoring acquisition accountability: LOCB acquisition strategy change			-16,500
127	Common Bridge Transporter [CBT] Recap	79,916	78,892	-1,024
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-1,024
129	Grnd Standoff Mine Detectn Sys [GSTAMIDS]	29,883	27,666	-2,217
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-2,217
133	EOD Robotics Systems Recapitalization	14,208	18,826	+4,618
	Transfer ground robotics MTRS standardization: Army-requested from RDT&E line 138			+4,618
142	Ground Soldier System	92,487	34,781	-57,706
	Improving funds management: SFAB equipment funded in Public Law 115-141			-56,000
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-1,706
147	Family of Engr Combat and Construction Sets	17,173	15,978	-1,195
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-1,195
150	Distribution Systems, Petroleum & Water	39,730	35,635	-4,095
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-4,095
151	Combat Support Medical	57,752	77,752	+20,000
	Program increase: Enhanced rotary wing medical kits			+10,000
	Program increase: Enhanced vehicle medical kits			+10,000
152	Mobile Maintenance Equipment Systems	37,722	34,479	-3,243
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-3,243
161	Const Equip Esp	37,017	35,652	-1,365
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-1,365

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
163	Army Watercraft Esp	27,711	25,663	-2,048
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-2,048
168	Combat Training Centers Support	123,228	121,428	-1,800
	Restoring acquisition accountability: Ahead of need			-1,800
174	Integrated Family of Test Equipment (IFTE)	76,295	72,542	-3,753
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-3,753
177	Rapid Equipping Soldier Support Equipment	9,879	11,879	+2,000
	Program increase: Rapid equipping force			+2,000
178	Physical Security Systems (OPA3)	54,043	51,484	-2,559
	Insufficient budget justification: Reimbursable to direct conversions unaccounted for			-2,559

HMMWV Ambulances.—The Committee is concerned about the Army's current level of investment to modernize the active component ground ambulance fleet. To accelerate the modernization of ground ambulances, the Committee recommends an increase of \$120,000,000 over the fiscal year 2019 President's budget request.

Tactical Communication and Protective Systems.—The Committee is aware that hearing damage is a risk faced by warfighters both in combat and in training. The ability to hear clearly and quickly evaluate one's surroundings is essential for situational awareness and mission success. The Committee notes that technologies have been developed to allow radio operators to wear hearing protection without inhibiting situational awareness. The Committee is concerned that these technologies are not being acquired in conjunction with procurements of tactical radio. This means that many radios are issued with substandard hearing protection or are unable to be issued at all while awaiting deliveries of compliant headsets. The Committee encourages the Under Secretary of Defense for Personnel and Readiness to work in conjunction with the service acquisition executives to ensure that procurements of radios are in step with procurements of tactical hearing protection and communication devices so that a complete system with the most utility and protection available can be delivered to the warfighter.

Army Network Modernization Strategy.—The Committee continues to support the Department of the Army's efforts to modernize its air-land ad-hoc, mobile tactical communications and data networks and notes that, pursuant to section 112 of the 2018 National Defense Authorization Act (Public Law 115-91), the Army provided its network modernization strategy to Congress. The Committee further notes that the Army is currently staffing architecture and standards documents in addition to multiple overarching Information System Initial Capabilities Documents in support of network modernization efforts. However, the Committee is concerned that the modernization strategy is continuing to evolve and that the justification supporting the fiscal year 2019 President's budget request does not provide the requisite details to appropriately assess the resourcing requirements and acquisition objectives at the program, project, and activity level.

Therefore, not later than 90 days after the enactment of this act, the Program Executive Officer Command Control Communications-

Tactical [PEO C3T], in conjunction with the Director, Network Cross-Functional Team, shall submit a network acquisition roadmap to the congressional defense committees, to include detailed actions and milestones, which satisfies the following objectives: (1) describes the architecture and standards for the unified transport layer and common operating environment that will serve as integrating guidance for the development and acquisition of modernization technologies; (2) categorizes under capability sets, all current and future network acquisitions and modernization activities, to include currently funded programs and requirements that align with the Army’s network strategy; (3) development and approval of requirements documents that support the Army’s network strategy and serve as overarching guidance for enabling systems and technologies; (4) details the plan to develop, test with appropriate instrumentation, and field the integrated capabilities, as part of one or more programs of record or other acquisition efforts; (5) an accounting of the Army’s fiscal year 2019 budget request Future Year’s Defense Program profile for investment appropriations that support the Army’s network strategy based on the defined categories. This should include a detailed account of all programs, projects, and activities within existing budget line items, existing programs of records, and any future investments within the FYDP; and (6) a proposal to realign resources into budget line items by capability set or a plan for discernible cost elements and activities within the existing budget line items.

Additionally, the PEO C3T shall submit to the congressional defense committees a test and evaluation plan for the Secure But Unclassified [SBU] components of the Integrated Tactical Network architecture prior to fielding any additional SBU systems to operational units, beyond fiscal year 2019. Furthermore, the PEO C3T shall provide notification to the congressional defense committees upon completion of cyber and vulnerability test and evaluation of the enabling SBU capabilities.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2018	\$19,957,380,000
Budget estimate, 2019	19,041,799,000
Committee recommendation	20,083,169,000

The Committee recommends an appropriation of \$20,083,169,000. This is \$1,041,370,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, NAVY							
COMBAT AIRCRAFT							
1	F/A-18E/F (FIGHTER) HORNET [MYP]	24	1,937,553	24	1,852,953		- 84,600
2	F/A-18E/F (FIGHTER) HORNET [MYP] (AP)		58,799		58,799		
3	JOINT STRIKE FIGHTER CV	9	1,144,958	17	1,885,778	+ 8	+ 740,820
4	JOINT STRIKE FIGHTER CV [AP-CY]		140,010		140,010		
5	JSF STOVL	20	2,312,847	24	2,598,049	+ 4	+ 285,202
6	JSF STOVL [AP-CY]		228,492		228,492		
7	CH-53K (HEAVY LIFT)	8	1,113,804	8	1,022,804		- 91,000
8	CH-53K (HEAVY LIFT) [AP-CY]						
9	V-22 (MEDIUM LIFT)	7	161,079		161,079		
10	V-22 (MEDIUM LIFT) [AP-CY]		806,337	10	1,024,337	+ 3	+ 218,000
11	UH-1Y/AH-1Z	25	36,955		28,755		- 8,200
14	P-8A POSEIDON	10	820,755	25	820,755		
15	P-8A POSEIDON [AP-CY]		1,803,753	10	1,755,353		- 48,400
16	E-2D ADV HAWKEYE	4	180,000		180,000		
17	E-2D ADV HAWKEYE [AP-CY]		742,693	5	904,193	+ 1	+ 161,500
	TOTAL, COMBAT AIRCRAFT		11,728,769		12,902,091		+ 1,173,322
OTHER AIRCRAFT							
18	C-40A	2	206,000				
20	KC-130J	2	160,433	2	160,433	- 2	- 206,000
21	KC-130J [AP-CY]		110,013		102,013		- 8,000
22	MQ-4 TRITON	3	568,743	3	568,743		
23	MQ-4 TRITON [AP-CY]		58,522		58,522		
24	MQ-8 UAV		54,761		54,761		
25	STUASLO UAV		14,866		11,866		- 3,000
26	VH-92A EXECUTIVE HELO	6	649,015	6	649,015		
	TOTAL, OTHER AIRCRAFT		1,822,353		1,605,353		- 217,000
MODIFICATION OF AIRCRAFT							
27	AEA SYSTEMS		25,277		25,277		

28	AV-8 SERIES	58,577	58,577	58,577	58,577	.....
29	ADVERSARY	14,606	14,606	14,606	14,606	.....
30	F-18 SERIES	1,213,482	1,213,482	1,125,582	.....	-87,900
31	H-53 SERIES	70,997	70,997	70,997	70,997	.....
32	SH-60 SERIES	130,661	130,661	130,661	130,661	.....
33	H-1 SERIES	87,143	87,143	87,143	87,143	.....
34	EP-3 SERIES	3,633	3,633	3,633	3,633	.....
35	P-3 SERIES	803	803	803	803	.....
36	E-2 SERIES	88,780	88,780	80,980	.....	-7,800
37	TRAINER A/C SERIES	11,660	11,660	11,660	11,660	.....
38	C-2A	11,327	11,327	8,327	.....	-3,000
39	C-130 SERIES	79,075	79,075	70,575	.....	-8,500
40	FEW66	597	597	597	597	.....
41	CARGO/TRANSPORT A/C SERIES	8,932	8,932	8,932	8,932	.....
42	E-6 SERIES	181,821	181,821	173,821	.....	-8,000
43	EXECUTIVE HELICOPTERS SERIES	23,566	23,566	23,566	23,566	.....
44	SPECIAL PROJECT AIRCRAFT	7,620	7,620	7,620	7,620	.....
45	T-45 SERIES	195,475	195,475	195,475	195,475	.....
46	POWER PLANT CHANGES	21,521	21,521	21,521	21,521	.....
47	JPATS SERIES	27,644	27,644	27,644	27,644	.....
48	AVIATION LIFE SUPPORT MODS	15,864	15,864	15,864	15,864	.....
49	COMMON ECM EQUIPMENT	166,306	166,306	191,306	.....	+25,000
50	COMMON AVIONICS CHANGES	117,551	117,551	117,551	117,551	.....
51	COMMON DEFENSIVE WEAPON SYSTEM	1,994	1,994	1,994	1,994	.....
52	ID SYSTEMS	40,696	40,696	37,696	.....	-3,000
53	P-8 SERIES	71,251	71,251	71,251	71,251	.....
54	MAGTF EW FOR AVIATION	11,590	11,590	11,590	11,590	.....
55	MQ-8 SERIES	37,907	37,907	37,907	37,907	.....
57	V-22 (TILT/ROTOR ACFT) OSPREY	214,820	214,820	194,020	.....	-20,800
58	NEXT GENERATION JAMMER (NGJ)	952	952	952	952	.....
59	F-35 STOVL SERIES	36,618	36,618	36,618	36,618	.....
60	F-35 CV SERIES	21,236	21,236	21,236	21,236	.....
61	QUICK REACTION CAPABILITY (QRC)	101,499	101,499	101,499	101,499	.....
62	MQ-4 SERIES	48,278	48,278	48,278	48,278	.....
63	RQ-21 SERIES	6,904	6,904	6,904	6,904	.....
	TOTAL, MODIFICATION OF AIRCRAFT	3,156,663	3,041,711	3,041,711	3,041,711	-114,952
64	AIRCRAFT SPARES AND REPAIR PARTS	1,792,920	1,792,920	1,992,920	1,992,920	+200,000
	SPARES AND REPAIR PARTS					

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
65	COMMON GROUND EQUIPMENT		421,606		421,606		
66	AIRCRAFT INDUSTRIAL FACILITIES		24,496		24,496		
67	WAR CONSUMABLES		42,108		42,108		
68	OTHER PRODUCTION CHARGES		1,444		1,444		
69	SPECIAL SUPPORT EQUIPMENT		49,489		49,489		
70	FIRST DESTINATION TRANSPORTATION		1,951		1,951		
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES		541,094		541,094		
	TOTAL, AIRCRAFT PROCUREMENT, NAVY		19,041,799		20,083,169		+ 1,041,370

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	F/A-18E/F (Fighter) Hornet	1,937,553	1,852,953	- 84,600
	Restoring acquisition accountability: Unit cost savings			- 54,100
	Maintain program affordability: Unjustified growth in support costs			- 30,500
3	Joint Strike Fighter CV	1,144,958	1,885,778	+ 740,820
	Program increase: Four aircraft for the Marine Corps			+ 398,000
	Program increase: Four aircraft for the Navy			+ 398,000
	Restoring acquisition accountability: Unit cost savings			- 55,180
5	JSF STOVL	2,312,847	2,598,049	+ 285,202
	Program increase: Four aircraft			+ 412,000
	Restoring acquisition accountability: Unit cost savings			- 126,798
7	CH-53K (Heavy Lift)	1,113,804	1,022,804	- 91,000
	Maintain program affordability: Unjustified support cost growth			- 91,000
9	V-22 (Medium Lift)	806,337	1,024,337	+ 218,000
	Program increase: Three aircraft for the Marine Corps			+ 240,000
	Restoring acquisition accountability: Unit cost savings			- 22,000
10	V-22 (Medium Lift)—AP	36,955	28,755	- 8,200
	Maintain program affordability: Excess to need			- 8,200
14	P-8A Poseidon	1,803,753	1,755,353	- 48,400
	Restoring acquisition accountability: Anticipated unit cost contract award savings			- 12,000
	Maintain program affordability: Excess support costs			- 36,400
16	E-2D Adv Hawkeye	742,693	904,193	+ 161,500
	Program increase: One aircraft			+ 170,000
	Restoring acquisition accountability: Unit cost savings			- 8,500
18	C-40A	206,000		- 206,000
	Improving funds management: Two C-40s funded in Public Law 115-141			- 206,000
21	KC-130J—AP	110,013	102,013	- 8,000
	Maintain program affordability: Excess advance procurement			- 8,000
25	STUASLO UAV	14,866	11,866	- 3,000
	Maintain program affordability: Excess production engineering support			- 3,000
30	F-18 Series	1,213,482	1,125,582	- 87,900
	Program increase: EA-18G reactive electronic attack measures technology			+ 13,900
	Restoring acquisition accountability: IRST modifications early to need			- 79,200
	Maintain program affordability: Unjustified growth in non-recurring engineering			- 22,600
36	E-2 Series	88,780	80,980	- 7,800
	Restoring acquisition accountability: SIPR CHAT mods early to need			- 5,300
	Restoring acquisition accountability: Navigation warfare mods early to need			- 2,500
38	C-2A	11,327	8,327	- 3,000
	Improving funds management: Forward financed			- 3,000
39	C-130 Series	79,075	70,575	- 8,500
	Improving funds management: Forward financed			- 8,500
42	E-6 Series	181,821	173,821	- 8,000
	Maintain program affordability: Excess installation costs			- 8,000
49	Common ECM Equipment	166,306	191,306	+ 25,000
	Program increase: F/A-18 E/F adaptive radar countermeasures			+ 25,000
52	ID Systems	40,696	37,696	- 3,000
	Maintain program affordability: Excess installation costs			- 3,000
57	V-22 (Tilt/Rotor ACFT) Osprey	214,820	194,020	- 20,800

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: Common configuration unit cost savings			- 8,000
	Maintain program affordability: Excess support costs			- 12,800
58	Next Generation Jammer (NGJ)	952		- 952
	Restoring acquisition accountability: Procurement early to need			- 952
64	Spares and Repair Parts	1,792,920	1,992,920	+ 200,000
	Program increase			+ 200,000

WEAPONS PROCUREMENT, NAVY

Appropriations, 2018	\$3,510,590,000
Budget estimate, 2019	3,702,393,000
Committee recommendation	3,780,572,000

The Committee recommends an appropriation of \$3,780,572,000. This is \$78,179,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
WEAPONS PROCUREMENT, NAVY							
BALLISTIC MISSILES							
MODIFICATION OF MISSILES							
1	TRIDENT II MODS		1,078,750		1,078,750		
SUPPORT EQUIPMENT AND FACILITIES							
2	MISSILE INDUSTRIAL FACILITIES		6,998		6,998		
TOTAL BALLISTIC MISSILES							
			1,085,748		1,085,748		
OTHER MISSILES							
STRATEGIC MISSILES							
3	TOMAHAWK		98,570		98,570		
TACTICAL MISSILES							
4	AMRAAM	140	211,058	140	211,058		
5	SIDEWINDER	191	77,927	249	122,927	+58	+45,000
6	JSOW		1,330		1,330		
7	STANDARD MISSILE	125	490,210	125	490,210		
8	STANDARD MISSILE (AP-CY)		125,683		125,683		
9	SMALL DIAMETER BOMB II	750	91,272	750	91,272		
10	RAM	120	96,221	120	96,221		
11	JOINT AIR GROUND MISSILE (JAGM)	75	24,109	75	24,109		
14	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	31	11,378	31	11,378		
15	AERIAL TARGETS		137,137		129,437		-7,700
16	OTHER MISSILE SUPPORT		3,318		3,318		
17	LRASM	25	81,190	35	111,190	+10	+30,000
18	LCS OTH MISSILE	8	18,156	8	18,156		
MODIFICATION OF MISSILES							
19	ESSM	45	98,384	45	98,384		
20	HARPOON MODS		14,840		26,840		+12,000
21	HARM MODS		187,985		187,985		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
23	SUPPORT EQUIPMENT AND FACILITIES		2,006		12,006		+ 10,000
24	WEAPONS INDUSTRIAL FACILITIES		66,779		66,779		
	FLEET SATELLITE COMM FOLLOW-ON						
25	ORDNANCE SUPPORT EQUIPMENT		62,008		62,008		
	ORDNANCE SUPPORT EQUIPMENT						
	TOTAL, OTHER MISSILES		1,899,561		1,988,861		+ 89,300
	TORPEDOES AND RELATED EQUIPMENT						
	TORPEDOES AND RELATED EQUIP						
26	SSTD		6,353		6,353		
27	MK-48 TORPEDO	45	92,616	50	103,616	+ 5	+ 11,000
28	ASW TARGETS		12,324		12,324		
	MOD OF TORPEDOES AND RELATED EQUIP						
29	MK-54 TORPEDO MODS		105,946		83,825		- 22,121
30	MK-48 TORPEDO ADCAP MODS		40,005		40,005		
31	QUICKSTRIKE MINE		9,758		9,758		
	SUPPORT EQUIPMENT						
32	TORPEDO SUPPORT EQUIPMENT		79,371		79,371		
33	ASW RANGE SUPPORT		3,872		3,872		
	DESTINATION TRANSPORTATION						
34	FIRST DESTINATION TRANSPORTATION		3,726		3,726		
	TOTAL, TORPEDOES AND RELATED EQUIPMENT		353,971		342,850		- 11,121
	OTHER WEAPONS						
	GUNS AND GUN MOUNTS						
35	SMALL ARMS AND WEAPONS		15,067		15,067		
	MODIFICATION OF GUNS AND GUN MOUNTS						
36	CWS MODS		63,318		63,318		
37	COAST GUARD WEAPONS		40,823		40,823		
38	GUN MOUNT MODS		74,618		74,618		

39	LCS MODULE WEAPONS	90	11,350	90	11,350	.....
41	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....	.....	22,249	.....	22,249	.....
	TOTAL, OTHER WEAPONS .....	.....	227,425	.....	227,425	.....
43	SPARES AND REPAIR PARTS .....	.....	135,688	.....	135,688	.....
	TOTAL, WEAPONS PROCUREMENT, NAVY .....	.....	3,702,393	.....	3,780,572	+ 78,179

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
5	Sidewinder	77,927	122,927	+ 45,000
	Program increase: Additional munitions			+ 45,000
15	Aerial Targets	137,137	129,437	- 7,700
	Restoring acquisition accountability: BQM-177A acquisition strategy			- 7,700
17	LRASM	81,190	111,190	+ 30,000
	Program increase: Additional munitions			+ 30,000
20	Harpoon Mods	14,840	26,840	+ 12,000
	Program increase: Additional munitions			+ 12,000
23	Weapons Industrial Facilities	2,006	12,006	+ 10,000
	Program increase: NIROP facilitization			+ 10,000
27	MK-48 Torpedo	92,616	103,616	+ 11,000
	Program increase: Additional munitions			+ 11,000
29	MK-54 Torpedo Mods	105,946	83,825	- 22,121
	Restoring acquisition accountability: MK 54 Mod 0 installation ahead of need			- 4,212
	Restoring acquisition accountability: MK 54 Mod 1 contract delays			- 17,909

Next Generation Land Attack Weapon [NGLAW] and Interim Capabilities.—The fiscal year 2019 President's budget request includes \$16,900,000 to continue the Analysis of Alternatives [AoA] for the NGLAW. The Committee understands that NGLAW is intended to address the Navy's cruise missile strategy against future threats and targets in time to replace or modify existing weapons programs. The Committee notes that a capabilities based assessment conducted by the Navy deferred the NGLAW initial operating capability [IOC] requirement by several years and the Committee further notes that the AoA, which commenced in fiscal year 2017, has expanded in scope and its completion is delayed. Therefore, the Committee has supported efforts to sustain the industrial base and provide incremental improvements to existing capabilities as interim solutions. This includes investments in multiple capability upgrades and the acquisition of additional Tomahawk all-up rounds [AUR], most recently by providing \$102,000,000 above the President's budget request in the Department of Defense Appropriations Act, 2018 (Public Law 115-141), pursuant to the Navy's fiscal year 2018 enhancement request following enactment of the Bipartisan Budget Act of 2018 (Public Law 115-123).

The fiscal year 2019 President's budget request for Tomahawk does not include funding for new production AURs, reflecting the Navy's strategy to transition from new production to recertification and modernization activities. In addition, the Navy has proposed to repurpose the fiscal year 2018 appropriated increase for new production missiles, in contradiction to the Navy's request. The Committee directs the Secretary of the Navy to conduct a full review of the Tomahawk program including: an analysis of the viability of new production in fiscal year 2020; an analysis of the capacity for concurrent new production and recertification activities within existing facilities; revised cost and schedule projections for modifica-

tion and recertification activities, to include alternatives with and without concurrent new production; a detailed review of the execution of the fiscal year 2017 and 2018 new production congressional adds; certified courses of action and cost estimates for the \$102,000,000 new production funding added in fiscal year 2018, to include detailed actions and milestones; and an analysis of surface and sub-surface launched land attack weapons inventory and requirements projections through the NGLAW IOC date, to include Tomahawk and other weapons systems that may provide an interim capability. The Secretary of the Navy shall provide a report detailing the results of the review to the congressional defense committees not later than 90 days after enactment of this act.

In addition, the Committee is aware that a surface launched variant of the Long Range Anti-Ship Missile [LRASM] offers the potential to increase the fleet's surface warfare capability at a relatively low cost-per-kill while leveraging existing capability. Therefore, the Committee directs the Deputy Chief of Naval Operations for Warfare Systems to provide a report to the congressional defense committees not later than 90 days after the enactment of this act identifying the capabilities the surface launched LRASM could bring to the fleet. Further, the Assistant Secretary of the Navy (Financial Management and Comptroller) is directed to identify costs to validate a surface launch LRASM and the benefits of fielding such a system.

Low-Yield Nuclear Warhead.—The Committee directs the Department of Defense, in consultation with the Secretary of Energy, to submit a report to the committee that details: (1) what Navy equities required to support a low-yield W-76 capability on operationally available submarine-launched ballistic missiles; (2) any changes to or additional crew and personnel training requirements necessary to support any such modifications, a timeline for completing such modifications and changes in order to permit deployment of such warheads as well as a timeline for actually loading and fielding such warheads; (3) rationale for deploying low-yield warhead(s) on a SLBM, each of which is accountable under the New Strategic Arms Reduction Treaty [New START], instead of taking advantage of Treaty attribution rules that count each U.S. strategic bomber as a single warhead; (4) and a description of actions that will be taken to mitigate risks of miscalculation associated with adversaries being unable to distinguish between a submarine-launched ballistic missile carrying a low-yield warhead and that of a missile carrying several high-yield warheads. The Committee directs that no fiscal year 2019 funding provided by this act shall be used to deploy such W76-2 low-yield nuclear Trident II D5 warheads until examination of the report by the Committee.

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2018	\$804,335,000
Budget estimate, 2019	1,006,209,000
Committee recommendation	970,454,000

The Committee recommends an appropriation of \$970,454,000. This is \$35,755,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROC AMMO, NAVY						
	NAVY AMMUNITION						
1	GENERAL PURPOSE BOMBS		79,871		72,371		-7,500
2	JDM	3,688	87,900		87,900		-9,250
3	AIRBORNE ROCKETS, ALL TYPES		151,431		142,181		
4	MACHINE GUN AMMUNITION		11,344		11,344		
5	PRACTICE BOMBS		49,471		49,471		
6	CARTRIDGES & CART ACTUATED DEVICES		56,227		56,227		
7	AIR EXPENDABLE COUNTERMEASURES		66,382		66,382		
8	JATOS		2,907		2,907		
9	5 INCH/54 GUN AMMUNITION		72,657		72,477		-180
10	INTERMEDIATE CALIBER GUN AMMUNITION		33,613		32,813		-800
11	OTHER SHIP GUN AMMUNITION		42,142		42,142		
12	SMALL ARMS & LANDING PARTY AMMO		49,888		49,888		
13	PYROTECHNIC AND DEMOLITION		10,931		10,931		
15	AMMUNITION LESS THAN \$5 MILLION		1,106		1,106		
	TOTAL, PROC AMMO, NAVY		715,870		698,140		-17,730
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
19	MORTARS		28,266		18,516		-9,750
21	DIRECT SUPPORT MUNITIONS		63,664		63,664		
22	INFANTRY WEAPONS AMMUNITION		59,295		51,020		-8,275
26	COMBAT SUPPORT MUNITIONS		31,577		31,577		
28	AMMO MODERNIZATION		15,001		15,001		
29	ARTILLERY MUNITIONS		86,297		86,297		
30	ITEMS LESS THAN \$5 MILLION		6,239		6,239		
	TOTAL, PROC AMMO, MARINE CORPS		290,339		272,314		-18,025
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		1,006,209		970,454		-35,755

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	General Purpose Bombs	79,871	72,371	- 7,500
	Improving funds management: Previously funded requirement (Q2181 Laser Guided Bombs)			- 7,500
3	Airborne Rockets, All Types	151,431	142,181	- 9,250
	Restoring acquisition accountability: Unit cost growth (MK 66)			- 2,300
	Improving funds management: Contract savings (APKWS) ..			- 4,900
	Restoring acquisition accountability: Excess product improvement growth (APKWS)			- 2,050
9	5 Inch/54 Gun Ammunition	72,657	72,477	- 180
	Restoring acquisition accountability: Unit cost growth (5"/54 propelling charge)			- 180
10	Intermediate Caliber Gun Ammunition	33,613	32,813	- 800
	Restoring acquisition accountability: Unit cost growth (57MM, HE-PD)			- 800
19	Mortars	28,266	18,516	- 9,750
	Improving funds management: Previously funded requirements			- 9,750
22	Infantry Weapons Ammunition	59,295	51,020	- 8,275
	Improving funds management: Previously funded requirement (7.62x39mm Non-Standard)			- 1,000
	Improving funds management: Contract delays (MK 281) ..			- 7,275

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 2018	\$23,824,738,000
Budget estimate, 2019	21,871,437,000
Committee recommendation	23,992,937,000

The Committee recommends an appropriation of \$23,992,937,000. This is \$2,121,500,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
SHIPBUILDING & CONVERSION, NAVY							
1	FLEET BALLISTIC MISSILE SHIPS						
	OHIO REPLACEMENT SUBMARINE (AP)		3,005,330		3,242,330		+ 237,000
OTHER WARSHIPS							
2	CARRIER REPLACEMENT PROGRAM (CVN 80)		1,598,181		1,573,181		- 25,000
4	VIRGINIA CLASS SUBMARINE	2	4,373,382	2	4,373,382		
5	VIRGINIA CLASS SUBMARINE [AP-CY]		2,796,401		2,796,401		
7	CVN REFUELING OVERHAULS [AP-CY]		449,597		449,597		
8	DDG 1000		270,965		270,965		
9	DDG-51	3	5,253,327	3	5,171,827		- 81,500
10	DDG-51 [AP-CY]		391,928		641,928		+ 250,000
11	LITTORAL COMBAT SHIP	1	646,244	2	1,121,244		+ 475,000
	TOTAL, OTHER WARSHIPS		15,780,025		16,398,525		+ 618,500
AMPHIBIOUS SHIPS							
12	LPD-17				500,000		+ 500,000
13	EXPEDITIONARY SEABASE	1	650,000	1	650,000		
14	LHA REPLACEMENT AP-CY				350,000		+ 350,000
	TOTAL, AMPHIBIOUS SHIPS		650,000		1,500,000		+ 850,000
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS							
15	EXPEDITIONARY FAST TRANSPORT (EPF)			1	225,000		+ 225,000
16	TAO FLEET OILER	2	977,104	2	977,104		
17	TAO FLEET OILER [AP-CY]		75,046		75,046		
18	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	1	80,517	1	80,517		
20	LCU 1700	2	41,520	2	41,520		
21	OUTFITTING		634,038		550,038		- 84,000
22	SHIP TO SHORE CONNECTOR	5	325,375	5	325,375		
23	SERVICE CRAFT		72,062		97,062		+ 25,000
24	LCAC SLEP	1	23,321	1	23,321		
28	COMPLETION OF PY SHIPBUILDING PROGRAMS		207,099		207,099		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
29	CABLE SHIP .....	.....	.....	1	250,000	+ 1	+ 250,000
	TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM .....	.....	2,436,082	.....	2,852,082	.....	+ 416,000
	TOTAL, SHIPBUILDING & CONVERSION, NAVY .....	.....	21,871,437	.....	23,992,937	.....	+ 2,121,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	OHIO Replacement Submarine (AP)	3,005,330	3,242,330	+ 237,000
	Improving funds management: Excess incentive fees ...	.....	.....	- 13,000
	Program increase: Submarine industrial base expansion .....	.....	.....	+ 250,000
2	Carrier Replacement Program (CVN 80)	1,598,181	1,573,181	- 25,000
	Transfer funding to RDN, line 84: CVN 78 Full Ship Shock Trial .....	.....	.....	- 25,000
9	DDG-51	5,253,327	5,171,827	- 81,500
	Restoring acquisition accountability: Excess growth in multiyear procurement program .....	.....	.....	- 81,500
10	DDG-51 [AP-CY]	391,928	641,928	+ 250,000
	Program increase: Advance procurement for an additional fiscal year 2020 ship .....	.....	.....	+ 250,000
11	Littoral Combat Ship	646,244	1,121,244	+ 475,000
	Program increase: Additional ship .....	.....	.....	+ 475,000
12	LPD-17 .....	.....	500,000	+ 500,000
	Program increase: Advance procurement for FY 2020 LPD Flight II and/or MYP EOQ .....	.....	.....	+ 500,000
14	LHA Replacement [AP-CY] .....	.....	350,000	+ 350,000
	Program increase: Advance procurement for LHA-9 .....	.....	.....	+ 350,000
15	Expeditionary Fast Transport (EPF) .....	.....	225,000	+ 225,000
	Program increase: Additional ship .....	.....	.....	+ 225,000
21	Outfitting	634,038	550,038	- 84,000
	Improving funds management: Outfitting and post delivery funding early to need .....	.....	.....	- 84,000
23	Service Craft	72,062	97,062	+ 25,000
	Program increase: Accelerate detail design and construction of YP-703 flight II .....	.....	.....	+ 25,000
29	Cable Ship .....	.....	250,000	+ 250,000
	Program increase .....	.....	.....	+ 250,000

Submarine Industrial Base.—The fiscal year 2019 President’s budget request includes \$3,005,330,000 for advance procurement to support the construction of the Ohio Replacement Submarine. The Committee supports this request and recommends an additional \$250,000,000 to enhance the submarine industrial base. Further, the Committee notes that \$225,000,000 above the President’s budget request was provided by Congress in fiscal year 2018 for the same purpose. The Committee supports the submarine shipbuilding supply base in light of the Navy’s projected future workload, as defined in the Navy’s “Annual Long-Range Plan for Construction of Naval Vessels for Fiscal Year 2019” (30-year shipbuilding plan), but is concerned that the Navy is not budgeting the necessary resources to increase capacity and create multiple suppliers for critical submarine components, despite the Navy’s stated concerns over the submarine industrial base. Therefore, the Assistant Secretary of the Navy (Research, Development and Acquisition) and the Assistant Secretary of the Navy (Financial Management and Comptroller) are directed to brief the congressional defense committees on the Navy’s acquisition strategy and associated necessary resources to support the submarine industrial base in the President’s fiscal year 2020 budget.

CVN 80.—The fiscal year 2019 President’s budget request includes \$1,598,181,000 for the Aircraft Carrier Replacement Pro-

gram. The Committee supports the funding requested to maintain the aircraft carrier fleet consistent with the Navy’s 30 year ship-building plan. However, the Committee understands that the Navy may pursue block buy authority for a two-ship-buy, to include CVN 81, and notes that the construction award for CVN 80 has slipped from March 2018 to December 2018 while negotiations between the Navy and the shipbuilder are ongoing. To date, the Committee has not received any documentation related to a block buy proposal. The Committee notes that an accurate independent cost estimate and Navy budget profile are required for the congressional defense committees to make an informed decision on the proposal. Therefore, the Committee designates the funding appropriated for the Carrier Replacement Program funding line be applied only to CVN 80 and directs that no funds provided in fiscal year 2019 be applied to the procurement of CVN 81 components.

OTHER PROCUREMENT, NAVY

Appropriations, 2018	\$7,941,018,000
Budget estimate, 2019	9,414,355,000
Committee recommendation	10,393,562,000

The Committee recommends an appropriation of \$10,393,562,000. This is \$979,207,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
	SHIP PROPULSION EQUIPMENT						
1	SURFACE POWER EQUIPMENT		19,700		19,700		
	GENERATORS						
3	SURFACE COMBATANT HM&E		23,495		23,495		
	NAVIGATION EQUIPMENT						
4	OTHER NAVIGATION EQUIPMENT		63,330		69,330		+6,000
	PERISCOPES						
5	SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM		178,421		178,421		
	OTHER SHIPBOARD EQUIPMENT						
6	DDG MOD		487,999		469,499		-18,500
7	FIREFIGHTING EQUIPMENT		28,143		28,143		
8	COMMAND AND CONTROL SWITCHBOARD		2,248		2,248		
9	LHA/LHD MIDLIFE		37,694		37,694		
	SUBTOTAL		37,694		37,694		
10	POLLUTION CONTROL EQUIPMENT		20,883		20,883		
11	SUBMARINE SUPPORT EQUIPMENT		37,155		37,155		
12	VIRGINIA CLASS SUPPORT EQUIPMENT		66,328		66,328		
13	LCS CLASS SUPPORT EQUIPMENT		47,241		47,241		
14	SUBMARINE BATTERIES		27,987		25,085		-2,902
15	LPD CLASS SUPPORT EQUIPMENT		65,033		65,033		
16	DDG-1000 SUPPORT EQUIPMENT		89,700		57,700		-32,000
17	STRATEGIC PLATFORM SUPPORT EQUIP		22,254		22,254		
18	DSSP EQUIPMENT		3,629		3,629		
19	CRUISER MODERNIZATION		276,446		276,446		
20	LOAC		3,709		3,709		
21	UNDERWATER EOD PROGRAMS		78,807		78,807		
22	ITEMS LESS THAN \$5 MILLION		126,865		126,865		
23	CHEMICAL WARFARE DETECTORS		2,966		2,966		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
24	SUBMARINE LIFE SUPPORT SYSTEM		11,968		6,924		-5,044
25	REACTOR PLANT EQUIPMENT		346,325		346,325		
26	REACTOR POWER UNITS		497,063		497,063		
	REACTOR COMPONENTS						
	OCEAN ENGINEERING						
27	DIVING AND SALVAGE EQUIPMENT		10,706		10,706		
	SMALL BOATS						
28	STANDARD BOATS		49,771		49,771		
	PRODUCTION FACILITIES EQUIPMENT						
29	OPERATING FORCES IPE		225,181		401,181		+176,000
	OTHER SHIP SUPPORT						
31	LCS COMMON MISSION MODULES EQUIPMENT		46,732		33,237		-13,495
32	LCS MCM MISSION MODULES		124,147		116,381		-7,766
33	LCS ASW MISSION MODULES		57,294				-57,294
34	LCS SUW MISSION MODULES		26,006		14,065		-11,941
35	LCS IN-SERVICE MODERNIZATION		70,526		70,526		
	LOGISTICS SUPPORT						
36	LSD MIDLIFE AND MODERNIZATION		4,784		4,784		
XX	SHIP OVERHAUL, MODERNIZATION AND REPAIR				610,000		+610,000
	SUBTOTAL		4,784		614,784		+610,000
	TOTAL, SHIPS SUPPORT EQUIPMENT		3,180,536		3,823,594		+643,058
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	SHIP SONARS						
37	SPO-9B RADAR		20,309		19,179		-1,130
38	AMSQQ-89 SURF ASW COMBAT SYSTEM		115,459		115,459		
39	SSN ACOUSTICS EQUIPMENT		318,189		332,189		+14,000
40	UNDERSEA WARFARE SUPPORT EQUIPMENT		10,134		10,134		

41	ASW ELECTRONIC EQUIPMENT				23,815		23,815		
42	SUBMARINE ACOUSTIC WARFARE SYSTEM				11,277		2,977		-8,300
43	SSID				237,780		644,680		+406,900
44	FIXED SURVEILLANCE SYSTEM				57,872		57,872		
	SURTFASS								
45	ELECTRONIC WARFARE EQUIPMENT								
	AN/SLO-32			420,344			348,266		-72,078
	RECONNAISSANCE EQUIPMENT								
46	SHIPBOARD IW EXPLOIT			220,883			218,103		-2,780
47	AUTOMATED IDENTIFICATION SYSTEM [AIS]			4,028			4,028		
	OTHER SHIP ELECTRONIC EQUIPMENT								
48	COOPERATIVE ENGAGEMENT CAPABILITY			44,173			34,821		-9,352
49	NAVAL TACTICAL COMMAND SUPPORT SYSTEM [NTCSS]			10,991			10,991		
50	ATDLS			34,526			34,526		
51	NAVY COMMAND AND CONTROL SYSTEM [NCCS]			3,769			3,769		
52	MINESWEEPING SYSTEM REPLACEMENT			35,709			33,339		-2,370
53	SHALLOW WATER MCM			8,616			8,616		
54	NAVSTAR GPS RECEIVERS (SPACE)			10,703			10,703		
55	ARMED FORCES RADIO AND TV			2,626			2,626		
56	STRATEGIC PLATFORM SUPPORT EQUIP			9,467			9,467		
	AVIATION ELECTRONIC EQUIPMENT								
57	ASHORE ATC EQUIPMENT			70,849			70,849		
58	AFLAAT ATC EQUIPMENT			47,890			47,890		
59	ID SYSTEMS			26,163			26,163		
60	JOINT PRECISION APPROACH AND LANDING SYSTEM			38,094			38,094		
61	NAVAL MISSION PLANNING SYSTEMS			11,966			11,966		
	OTHER SHORE ELECTRONIC EQUIPMENT								
62	TACTICAL/MOBILE C4I SYSTEMS			42,010			42,010		
63	DCGS-N			12,896			12,896		
64	CANES			423,027			399,944		-23,083
65	RADIAC			8,175			8,175		
66	CANES-INTELL			54,465			51,405		-3,060
67	GPETE			5,985			5,985		
68	MASF			5,413			5,413		
69	INTEG COMBAT SYSTEM TEST FACILITY			6,251			6,251		
70	EMI CONTROL INSTRUMENTATION			4,183			4,183		
71	ITEMS LESS THAN \$5 MILLION			148,350			148,350		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
72	SHIPBOARD COMMUNICATIONS	.....	45,450	.....	45,450	.....	.....
73	SHIPBOARD TACTICAL COMMUNICATIONS	.....	105,087	.....	105,087	.....	.....
74	SHIP COMMUNICATIONS AUTOMATION	.....	41,123	.....	41,123	.....	.....
	COMMUNICATIONS ITEMS UNDER \$5M	.....		.....		.....	.....
	SUBMARINE COMMUNICATIONS	.....		.....		.....	.....
75	SUBMARINE BROADCAST SUPPORT	.....	30,897	.....	30,897	.....	.....
76	SUBMARINE COMMUNICATION EQUIPMENT	.....	78,580	.....	78,580	.....	.....
	SATELLITE COMMUNICATIONS	.....		.....		.....	.....
77	SATELLITE COMMUNICATIONS SYSTEMS	.....	41,205	.....	41,205	.....	.....
78	NAVY MULTIBAND TERMINAL (NMT)	.....	113,885	.....	113,885	.....	.....
	SHORE COMMUNICATIONS	.....		.....		.....	.....
79	JCS COMMUNICATIONS EQUIPMENT	.....	4,292	.....	4,292	.....	.....
	CRYPTOGRAPHIC EQUIPMENT	.....		.....		.....	.....
80	INFO SYSTEMS SECURITY PROGRAM (ISSP)	.....	153,526	.....	153,526	.....	.....
81	MIO INTEL EXPLOITATION TEAM	.....	951	.....	951	.....	.....
	CRYPTOLOGIC EQUIPMENT	.....		.....		.....	.....
82	CRYPTOLOGIC COMMUNICATIONS EQUIP	.....	14,209	.....	17,009	.....	+2,800
	OTHER ELECTRONIC SUPPORT	.....		.....		.....	.....
86	COAST GUARD EQUIPMENT	.....	40,713	.....	40,713	.....	.....
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	.....	3,176,305	.....	3,477,852	.....	+301,547
	AVIATION SUPPORT EQUIPMENT	.....		.....		.....	.....
	SONOBUOYS	.....		.....		.....	.....
88	SONOBUOYS—ALL TYPES	.....	177,891	.....	216,191	.....	+38,300
	AIRCRAFT SUPPORT EQUIPMENT	.....		.....		.....	.....
	WEAPONS RANGE SUPPORT EQUIPMENT	.....		.....		.....	.....
89	AIRCRAFT SUPPORT EQUIPMENT	.....	93,864	.....	93,864	.....	.....
90	ADVANCED ARRESTING GEAR (AAG)	.....	111,724	.....	111,724	.....	.....
91	METEOROLOGICAL EQUIPMENT	.....	11,054	.....	11,054	.....	.....
92	OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL)	.....	21,072	.....	21,072	.....	.....
93		.....	656	.....	656	.....	.....

94	AIRBORNE MINE COUNTERMEASURES	11,299	11,299	11,299	11,299	.....	.....	.....	.....
95	LAMPS EQUIPMENT	594	594	594	594	.....	.....	.....	.....
96	AVIATION SUPPORT EQUIPMENT	39,374	39,374	37,026	37,026	.....	.....	.....	-2,348
97	UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CONTROL	35,405	35,405	28,179	28,179	.....	.....	.....	-7,226
	TOTAL, AVIATION SUPPORT EQUIPMENT	502,933	502,933	531,659	531,659	.....	.....	.....	+ 28,726
	ORDNANCE SUPPORT EQUIPMENT								
98	SHIP GUN SYSTEM EQUIPMENT								
	SHIP GUN SYSTEMS EQUIPMENT	5,337	5,337	5,337	5,337	.....	.....	.....	.....
99	SHIP MISSILE SYSTEMS EQUIPMENT								
	SHIP MISSILE SUPPORT EQUIPMENT	213,090	213,090	202,071	202,071	.....	.....	.....	- 11,019
100	TOMAHAWK SUPPORT EQUIPMENT	92,890	92,890	92,890	92,890	.....	.....	.....	.....
	FBM SUPPORT EQUIPMENT								
101	STRATEGIC MISSILE SYSTEMS EQUIP	271,817	271,817	271,817	271,817	.....	.....	.....	.....
	ASW SUPPORT EQUIPMENT								
102	SSN COMBAT CONTROL SYSTEMS	129,501	129,501	129,501	129,501	.....	.....	.....	.....
103	ASW SUPPORT EQUIPMENT	19,436	19,436	19,436	19,436	.....	.....	.....	.....
	OTHER ORDNANCE SUPPORT EQUIPMENT								
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	14,258	14,258	14,258	14,258	.....	.....	.....	.....
105	ITEMS LESS THAN \$5 MILLION	5,378	5,378	5,378	5,378	.....	.....	.....	.....
	OTHER EXPENDABLE ORDNANCE								
106	SUBMARINE TRAINING DEVICE MODS	65,543	65,543	65,543	65,543	.....	.....	.....	.....
107	SURFACE TRAINING EQUIPMENT	230,425	230,425	227,791	227,791	.....	.....	.....	-2,634
	TOTAL, ORDNANCE SUPPORT EQUIPMENT	1,047,675	1,047,675	1,034,022	1,034,022	.....	.....	.....	-13,653
	CIVIL ENGINEERING SUPPORT EQUIPMENT								
108	PASSENGER CARRYING VEHICLES	4,867	4,867	4,867	4,867	.....	.....	.....	.....
109	GENERAL PURPOSE TRUCKS	2,674	2,674	2,674	2,674	.....	.....	.....	.....
110	CONSTRUCTION & MAINTENANCE EQUIP	20,994	20,994	20,994	20,994	.....	.....	.....	.....
111	FIRE FIGHTING EQUIPMENT	17,189	17,189	17,189	17,189	.....	.....	.....	.....
112	TACTICAL VEHICLES	19,916	19,916	19,916	19,916	.....	.....	.....	.....
113	AMPHIBIOUS EQUIPMENT	7,400	7,400	7,400	7,400	.....	.....	.....	.....
114	POLLUTION CONTROL EQUIPMENT	2,713	2,713	2,713	2,713	.....	.....	.....	.....
115	ITEMS UNDER \$5 MILLION	35,540	35,540	35,540	35,540	.....	.....	.....	.....
116	PHYSICAL SECURITY VEHICLES	1,155	1,155	1,155	1,155	.....	.....	.....	.....

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT		112,448		112,448		
117	SUPPLY SUPPORT EQUIPMENT						
	SUPPLY EQUIPMENT		18,786		18,786		
118	FIRST DESTINATION TRANSPORTATION		5,375		5,375		
119	SPECIAL PURPOSE SUPPLY SYSTEMS		580,371		580,371		
	TOTAL, SUPPLY SUPPORT EQUIPMENT		604,532		604,532		
	PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
	TRAINING DEVICES						
120	TRAINING SUPPORT EQUIPMENT		3,400		3,400		
121	TRAINING AND EDUCATION EQUIPMENT		24,283		24,283		
	COMMAND SUPPORT EQUIPMENT						
122	COMMAND SUPPORT EQUIPMENT		66,681		66,681		
123	MEDICAL SUPPORT EQUIPMENT		3,352		3,352		
125	NAVAL MIP SUPPORT EQUIPMENT		1,984		1,984		
126	OPERATING FORCES SUPPORT EQUIPMENT		15,131		15,131		
127	CAISR EQUIPMENT		3,576		3,576		
128	ENVIRONMENTAL SUPPORT EQUIPMENT		31,902		31,902		
129	PHYSICAL SECURITY EQUIPMENT		175,436		195,436		+ 20,000
130	ENTERPRISE INFORMATION TECHNOLOGY		25,393		25,393		
133	NEXT GENERATION ENTERPRISE SERVICE		96,269		96,269		
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT		447,407		467,407		+ 20,000
134	SPARES AND REPAIR PARTS		326,838		326,367		-471
	CLASSIFIED PROGRAMS		15,681		15,681		
	TOTAL, OTHER PROCUREMENT, NAVY		9,414,355		10,393,562		+ 979,207

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
4	Other Navigation Equipment	63,330	69,330	+ 6,000
	Restoring acquisition accountability: Production engineering excess growth			- 4,000
	Program increase: Accelerate ECDIS-N 9.4, 9.4, 9.5 implementation			+ 10,000
6	DDG Mod	487,999	469,499	- 18,500
	Insufficient budget justification: Aegis modernization testing			- 9,500
	Insufficient budget justification: Combat system ship qualification trials			- 9,000
14	Submarine Batteries	27,987	25,085	- 2,902
	Restoring acquisition accountability: Unit cost growth			- 2,902
16	DDG 1000 Class Support Equipment	89,700	57,700	- 32,000
	Restoring acquisition accountability: DDG 1002 data center ahead of need			- 32,000
24	Submarine Life Support System	11,968	6,924	- 5,044
	Restoring acquisition accountability: Low pressure electrolyzer early to need			- 5,044
29	Operating Forces Ipe	225,181	401,181	+ 176,000
	Program increase: Shipyard investment acceleration			+ 176,000
31	LCS Common Mission Modules Equipment	46,732	33,237	- 13,495
	Restoring acquisition accountability: EMM mission package computing environment ahead of need			- 8,986
	Restoring acquisition accountability: EMM training equipment ahead of need			- 4,509
32	LCS MCM Mission Modules	124,147	116,381	- 7,766
	Restoring acquisition accountability: AMNS unit cost growth			- 3,026
	Restoring acquisition accountability: Knifefish unit cost growth			- 4,740
33	LCS ASW Mission Modules	57,294		- 57,294
	Restoring acquisition accountability: ASW mission modules ahead of need			- 57,294
34	LCS SUW Mission Modules	26,006	14,065	- 11,941
	Restoring acquisition accountability: Excess surface-to surface mission module ahead of test			- 11,941
xx	Ship Overhaul, Modernization and Repair		610,000	+ 610,000
	Transfer: From Operation and Maintenance, Navy line 1B4B Ship Depot Maintenance for the USS BOISE, USS NEW YORK and USS GUNSTON HALL availabilities			+ 610,000
37	SPQ-9B Radar	20,309	19,179	- 1,130
	Restoring acquisition accountability: Installation funding early to need			- 1,130
39	SSN Acoustic Equipment	318,189	332,189	+ 14,000
	Program increase			+ 14,000
42	SSTD	11,277	2,977	- 8,300
	Restoring acquisition accountability: AN/SLQ-25E delay			- 8,300
43	Fixed Surveillance System	237,780	644,680	+ 406,900
	Program acceleration			+ 406,900
45	AN/SLQ-32	420,344	348,266	- 72,078
	Restoring acquisition accountability: Excess Block 3 systems			- 60,376
	Restoring acquisition accountability: Excess Block 3 installation funding			- 11,702
46	Shipboard IW Exploit	220,883	218,103	- 2,780

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: Increment F kit cost growth			-2,780
48	Cooperative Engagement Capability	44,173	34,821	-9,352
	Restoring acquisition accountability: Common array block antenna			-9,352
52	Minesweeping System Replacement	35,709	33,339	-2,370
	Restoring acquisition accountability: Knifefish unit cost growth			-2,370
64	CANES	423,027	399,944	-23,083
	Restoring acquisition accountability: Installations previously funded			-23,083
66	CANES-Intell	54,465	51,405	-3,060
	Restoring acquisition accountability: Installations previously funded			-3,060
82	Cryptologic Communications Equip	14,209	17,009	+2,800
	Program increase: SOUTHCOM ISR requirements			+2,800
88	Sonobuoys—All Types	177,891	216,191	+38,300
	Program increase			+38,300
96	Aviation Support Equipment	39,374	37,026	-2,348
	Improving funds management: JHMCS night vision unit cost growth			-2,348
97	UMCS—Unman Carrier Aviation (UCA) Mission Cntrl	35,405	28,179	-7,226
	Restoring acquisition accountability: MD-5A procurement ahead of need			-3,742
	Restoring acquisition accountability: Ship change document ahead of need			-3,484
99	Ship Missile Support Equipment	213,090	202,071	-11,019
	Restoring acquisition accountability: ESSM missile launcher upgrade funding unjustified			-4,619
	Restoring acquisition accountability: RAM ORDALTs for block 2B ahead of need			-6,400
107	Surface Training Equipment	230,425	227,791	-2,634
	Restoring acquisition accountability: BFTT upgrade kits installation funding ahead of need			-2,634
129	Physical Security Equipment	175,436	195,436	+20,000
	Program increase: New Navy port waterborne security barriers			+20,000
134	Spares and Repair Parts	326,838	326,367	-471
	Program termination: Hybrid electric drive spares			-471

PROCUREMENT, MARINE CORPS

Appropriations, 2018	\$1,942,737,000
Budget estimate, 2019	2,860,410,000
Committee recommendation	2,800,997,000

The Committee recommends an appropriation of \$2,800,997,000. This is \$59,413,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
PROCUREMENT, MARINE CORPS							
WEAPONS AND COMBAT VEHICLES							
TRACKED COMBAT VEHICLES							
1	AAV7A1 PIP	30	156,249		96,836		-59,413
2	AMPHIBIOUS COMBAT VEHICLE I.1		167,478	30	167,478		
3	LAV PIP		43,701		43,701		
ARTILLERY AND OTHER WEAPONS							
5	155MM LIGHTWEIGHT TOWED HOWITZER		47,158		47,158		
6	ARTILLERY WEAPONS SYSTEM		134,246		134,246		
7	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		40,687		40,687		
8	OTHER SUPPORT		22,904		22,904		
	MODIFICATION KITS						
	TOTAL, WEAPONS AND COMBAT VEHICLES		612,423		553,010		-59,413
GUIDED MISSILES AND EQUIPMENT							
GUIDED MISSILES							
9	GROUND BASED AIR DEFENSE		18,334		18,334		
10	JAVELIN	5	3,020	5	3,020		
11	FOLLOW ON TO SIMAW/FOAWIS		13,760		13,760		
12	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)/TOW		59,702		59,702		
	TOTAL, GUIDED MISSILES AND EQUIPMENT		94,816		94,816		
COMMUNICATIONS AND ELECTRONICS EQUIPMENT							
COMMAND AND CONTROL SYSTEMS							
13	COMMON AVIATION COMMAND AND CONTROL SYS		35,467		35,467		
REPAIR AND TEST EQUIPMENT							
14	REPAIR AND TEST EQUIPMENT		46,081		46,081		
15	MODIFICATION KITS		971		971		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER SUPPORT (TEL)						
16	COMMAND AND CONTROL		69,203		69,203		
17	ITEMS UNDER \$5 MILLION (COMM & ELEC)		14,269		14,269		
	AIR OPERATIONS C2 SYSTEMS						
18	RADAR + EQUIPMENT (NON-TEL)		6,694		6,694		
19	RADAR SYSTEMS		224,969	3	224,969		
	GROUND/AIR TASK ORIENTED RADAR						
21	INTELL/COMM EQUIPMENT (NON-TEL)		1,187		1,187		
22	GCSS-MC		60,189		60,189		
23	FIRE SUPPORT SYSTEM		73,848		73,848		
25	INTELLIGENCE SUPPORT EQUIPMENT		3,848		3,848		
26	UNMANNED AIR SYSTEMS (INTEL)		16,081		16,081		
	DGCS-MC						
	OTHER SUPPORT (NON-TEL)						
30	NEXT GENERATION ENTERPRISE NETWORK (NGEN)		87,120		87,120		
31	COMMON COMPUTER RESOURCES		68,914		68,914		
32	COMMAND POST SYSTEMS		124,838		124,838		
33	RADIO SYSTEMS		279,680		279,680		
34	COMM SWITCHING & CONTROL SYSTEMS		36,649		36,649		
35	COMM & ELEC INFRASTRUCTURE SUPPORT		83,971		83,971		
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		1,233,979		1,233,979		
	SUPPORT VEHICLES						
36	ADMINISTRATIVE VEHICLES		25,441		25,441		
	COMMERCIAL CARGO VEHICLES						
	TACTICAL VEHICLES						
37	MOTOR TRANSPORT MODIFICATIONS		11,392		11,392		
38	JOINT LIGHT TACTICAL VEHICLE		607,011		607,011		
39	FAMILY OF TACTICAL TRAILERS		2,393		2,393		
40	TRAILERS		6,540		6,540		

	TOTAL, SUPPORT VEHICLES	652,777	652,777	.....	.....
	ENGINEER AND OTHER EQUIPMENT				
	ENGINEER AND OTHER EQUIPMENT				
41	ENVIRONMENTAL CONTROL EQUIP ASSORT	496	496	.....	.....
42	TACTICAL FUEL SYSTEMS	54	54	.....	.....
43	POWER EQUIPMENT ASSORTED	21,062	21,062	.....	.....
44	AMPHIBIOUS SUPPORT EQUIPMENT	5,290	5,290	.....	.....
45	EOD SYSTEMS	47,854	47,854	.....	.....
	MATERIALS HANDLING EQUIPMENT				
46	PHYSICAL SECURITY EQUIPMENT	28,306	28,306	.....	.....
	GENERAL PROPERTY				
47	FIELD MEDICAL EQUIPMENT	33,513	33,513	.....	.....
48	TRAINING DEVICES	52,040	52,040	.....	.....
49	FAMILY OF CONSTRUCTION EQUIPMENT	36,156	36,156	.....	.....
50	FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV)	606	606	.....	.....
	OTHER SUPPORT				
51	ITEMS LESS THAN \$5 MILLION	11,608	11,608	.....	.....
	TOTAL, ENGINEER AND OTHER EQUIPMENT	236,985	236,985	.....	.....
53	SPARES AND REPAIR PARTS	25,804	25,804	.....	.....
	CLASSIFIED PROGRAMS	3,626	3,626	.....	.....
	TOTAL, PROCUREMENT, MARINE CORPS	2,860,410	2,800,997	.....	.....
					— 59,413

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	AAV7A1 PIP	156,249	96,836	- 59,413
	Restoring acquisition accountability: Program delays–survivability upgrade			- 59,413

Assault Amphibious Vehicle—Survivability Upgrade [AAV–SU].— The Committee notes efforts by the Marine Corps to enhance the maneuverability, survivability and combat effectiveness of the legacy AAV vehicle fleet and its Assault Amphibian Battalions while maintaining critical amphibious lift and armored personnel carrier capabilities. The Committee remains concerned with the current production schedule and unit cost estimates due to recent further delays in the delivery of required test assets and changes in the vehicle design. Therefore, the Committee provides adequate funding to maintain progress towards award of a full rate production contract, and encourages the Commandant of the Marine Corps to provide an updated program schedule and production plan to the congressional defense committees that reflects a more accurate cost assessment and an achievable production schedule.

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2018	\$18,504,556,000
Budget estimate, 2019	16,206,937,000
Committee recommendation	15,772,473,000

The Committee recommends an appropriation of \$15,772,473,000. This is \$434,464,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, AIR FORCE							
COMBAT AIRCRAFT							
TACTICAL FORCES							
1	F-35	48	4,261,021	48	4,021,021	.....	-240,000
2	F-35 [AP-CY] .....	.....	406,000	.....	526,000	.....	+120,000
3	C-135B	2	222,176	2	222,176	.....	.....
	TOTAL, COMBAT AIRCRAFT .....	.....	4,889,197	.....	4,769,197	.....	-120,000
AIRLIFT AIRCRAFT/TACTICAL AIRLIFT							
4	KC-46A TANKER	15	2,559,911	15	2,415,491	.....	-144,420
OTHER AIRLIFT							
5	C-130J .....	.....	35,858	.....	35,858	.....	.....
6	HC-130J	1	129,437	1	86,981	.....	-42,456
8	MC-130J	6	770,201	6	727,879	.....	-42,322
9	MC-130J (AP) .....	.....	218,000	.....	218,000	.....	.....
	TOTAL, AIRLIFT AIRCRAFT .....	.....	3,713,407	.....	3,484,209	.....	-229,198
OTHER AIRCRAFT							
HELICOPTERS							
11	COMBAT RESCUE HELICOPTER	10	680,201	10	630,201	.....	-50,000
MISSION SUPPORT AIRCRAFT							
13	CIVIL AIR PATROL A/C	4	2,719	4	10,800	.....	+8,081
OTHER AIRCRAFT							
14	TARGET DRONES	48	139,053	48	139,053	.....	.....
15	COMPASS CALL MODS	1	108,113	1	108,113	.....	.....
17	MQ-9	8	221,707	14	255,903	.....	+34,196
18	O/A-X LIGHT ATTACK AIRCRAFT .....	.....	.....	.....	300,000	.....	+300,000
	TOTAL, OTHER AIRCRAFT .....	.....	1,151,793	.....	1,444,070	.....	+292,277

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
MODIFICATION OF INSERVICE AIRCRAFT							
STRATEGIC AIRCRAFT							
19	B-2A .....	.....	60,301	.....	57,200	.....	-3,101
20	B-1B .....	.....	51,290	.....	35,690	.....	-15,600
21	B-52 .....	.....	105,519	.....	117,230	.....	+11,711
TACTICAL AIRCRAFT							
23	A-10 .....	.....	98,720	.....	92,710	.....	-6,010
24	C-130J .....	.....	10,831	.....	.....	.....	-10,831
25	F-15 .....	.....	548,109	.....	456,647	.....	-91,462
26	F-16 .....	.....	324,323	.....	304,323	.....	-20,000
27	F-22A .....	.....	250,710	.....	250,710	.....	.....
29	F-35 MODIFICATIONS .....	.....	247,271	.....	156,971	.....	-90,300
30	F-15 EPAW .....	.....	147,685	.....	197,685	.....	+50,000
31	INCREMENT 3.2B .....	.....	9,007	.....	9,007	.....	.....
33	KC-46A TANKER .....	.....	8,547	.....	8,547	.....	.....
AIRLIFT AIRCRAFT							
34	C-5 .....	.....	77,845	.....	71,835	.....	-6,010
36	C-17A .....	.....	102,121	.....	102,121	.....	.....
37	C-21 .....	.....	17,516	.....	17,516	.....	.....
38	C-32A .....	.....	4,537	.....	4,537	.....	.....
39	C-37A .....	.....	419	.....	419	.....	.....
TRAINER AIRCRAFT							
41	GLIDER MODS .....	.....	137	.....	137	.....	.....
42	T6 .....	.....	22,550	.....	22,550	.....	.....
43	T-1 .....	.....	21,952	.....	21,952	.....	.....
44	T-38 .....	.....	70,623	.....	70,623	.....	.....
OTHER AIRCRAFT							
45	U-2 MODS .....	.....	48,774	.....	48,774	.....	.....
46	KC-10A (ATCA) .....	.....	11,104	.....	11,104	.....	.....
47	C-12 .....	.....	4,900	.....	4,900	.....	.....
48	VC-25A MOD .....	.....	36,938	.....	27,238	.....	-9,700
49	C-40 .....	.....	251	.....	251	.....	.....

50	C-130				147,094				
51	C130J MODS				127,434				+ 125,000
52	C-135				91,410				- 4,611
53	OC-135B				5,913				- 21,666
54	COMPASS CALL MODS				49,885				
55	COMBAT FLIGHT INSPECTION (CFIN)				499				
56	RC-135				394,532				- 3,000
57	E-3				133,906				- 17,041
58	E-4				67,858				
59	E-8				24,807				+ 14,888
60	AIRBORNE WARNING AND CONTROL SYSTEM				57,780				
61	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	3			11,283				- 3,010
62	H-1				2,940				
63	H-60				55,466				
64	RC-4 UAV MODS				123,715				+ 100,000
65	HC/MC-130 MODIFICATIONS				37,754				
66	OTHER AIRCRAFT				62,010				
67	MQ-9 MODS				146,648				- 24,900
69	CV-22 MODS				60,416				
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT				3,671,986				- 25,643
70	AIRCRAFT SPARES AND REPAIR PARTS				778,508				- 177,900
	INITIAL SPARES/REPAIR PARTS				778,508				- 177,900
	TOTAL, AIRCRAFT SPARES AND REPAIR PARTS				778,508				- 177,900
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES								
	COMMON SUPPORT EQUIPMENT								
71	AIRCRAFT REPLACEMENT SUPPORT EQUIP				81,241				
	POST PRODUCTION SUPPORT								
74	B-2A				1,763				
75	B-2B				35,861				
76	B-52				12,819				
77	C-17A				10,114				
79	F-15				2,545				
81	F-16 POST PRODUCTION SUPPORT				4,518				- 7,200
82	F-22A				14,489				
83	OTHER AIRCRAFT				9,928				
84	RQ-4 POST PRODUCTION CHARGES				40,641				

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
86	INDUSTRIAL PREPAREDNESS		17,378		17,378		
	INDUSTRIAL PREPAREDNESS						
	WAR CONSUMIBLES						
88	WAR CONSUMIBLES		29,342		29,342		
	OTHER PRODUCTION CHARGES						
89	OTHER PRODUCTION CHARGES		1,502,386		1,335,586		-166,800
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		1,770,225		1,596,225		-174,000
	CLASSIFIED PROGRAMS		28,278		28,278		
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		16,206,937		15,772,473		-434,464

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	F-35	4,261,021	4,021,021	- 240,000
	Restoring acquisition accountability: Unit cost savings ..			- 240,000
2	F-35 [AP-CY]	406,000	526,000	+ 120,000
	Program increase: Advance procurement for additional FY 2020 aircraft			+ 120,000
4	KC-46A Tanker	2,559,911	2,415,491	- 144,420
	Restoring acquisition accountability: Unit cost savings ..			- 41,700
	Improving funds management: Interim contractor support excess to need			- 102,720
6	HC-130J	129,437	86,981	- 42,456
	Restoring acquisition accountability: Unit cost growth			- 11,000
	Restoring acquisition accountability: Spares funding ahead of need			- 31,456
8	MC-130J	770,201	727,879	- 42,322
	Restoring acquisition accountability: Unit cost growth			- 42,322
11	Combat Rescue Helicopter	680,201	630,201	- 50,000
	Restoring acquisition accountability: Excess unit cost			- 50,000
13	Civil Air Patrol A/C	2,719	10,800	+ 8,081
	Program increase			+ 8,081
17	MQ-9	221,707	255,903	+ 34,196
	Program increase: Accelerate advanced battle management system			+ 120,000
	Restoring acquisition accountability: Prior year unit cost savings			- 5,664
	Restoring acquisition accountability: Dual ground control station funding excess to need			- 80,140
18	O/A-X Light Attack Aircraft		300,000	+ 300,000
	Program increase: Procurement of aircraft and long lead materials			+ 300,000
19	B-2A	60,301	57,200	- 3,101
	Restoring acquisition accountability: Common very low frequency terminal installations previously funded			- 3,101
20	B-1B	51,290	35,690	- 15,600
	Restoring acquisition accountability: Integrated battle station excess to need			- 9,400
	Restoring acquisition accountability: MIDS-JTRS ahead of need			- 3,719
	Restoring acquisition accountability: Radio crypto ahead of need			- 1,181
	Restoring acquisition accountability: ADS-B out ahead of need			- 1,300
21	B-52	105,519	117,230	+ 11,711
	Program increase: LRASM certification			+ 10,000
	Program increase: B-52 infrared threat defense UON			+ 16,400
	Program increase: B-52 mission data recorder			+ 5,000
	Transfer crypto modernization: Air Force-requested to RDAF line 173			- 14,759
	Restoring acquisition accountability: Bomber tactical data link ahead of need			- 2,976
	Restoring acquisition accountability: Airspace compliance ahead of need			- 1,954
23	A-10	98,720	92,710	- 6,010
	Improving funds management: ADS-B out delay			- 6,010
24	C-130J	10,831		- 10,831
	Insufficient budget justification: Unjustified request			- 10,831
25	F-15	548,109	456,647	- 91,462
	Program increase: ALQ-128			+ 10,000
	Restoring acquisition accountability: APG-82 unit cost growth			- 6,311

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: APG-82 ICS excess growth			-10,000
	Restoring acquisition accountability: APG-82 installation cost growth			-6,535
	Restoring acquisition accountability: APG-63 ahead of need			-69,130
	Restoring acquisition accountability: APG-63 installation cost growth			-9,486
26	F-16	324,323	304,323	-20,000
	Restoring acquisition accountability: MIDS-JITRS excess growth			-20,000
29	F-35 Modifications	247,271	156,971	-90,300
	Maintain program affordability: Concurrency growth			-90,300
30	F-15 EPAW	147,685	197,685	+50,000
	Program increase: Eagle passive active warning survivability systems for F-15Cs			+50,000
34	C-5	77,845	71,835	-6,010
	Restoring acquisition accountability: CMC and weather radar contract delay			-6,010
48	VC-25A Mod	36,938	27,238	-9,700
	Restoring acquisition accountability: Chiller replacement terminated			-9,700
50	C-130	22,094	147,094	+125,000
	Program increase: C-130H modernization			+125,000
51	C-130J Mods	132,045	127,434	-4,611
	Restoring acquisition accountability: Block 8.1 b kit unit cost growth			-4,611
52	C-135	113,076	91,410	-21,666
	Restoring acquisition accountability: AERO-I satcom replacement ahead of need			-21,666
56	RC-135	394,532	391,532	-3,000
	Restoring acquisition accountability: Combat sent install funding excess to need			-3,000
57	E-3	133,906	116,865	-17,041
	Restoring acquisition accountability: Electronic protection excess to need			-17,041
59	E-8	9,919	24,807	+14,888
	Transfer common data link: Air Force requested from RDAF line 213			+14,888
61	Family of Beyond Line-of-Sight Terminals	14,293	11,283	-3,010
	Restoring acquisition accountability: FAB-T unit cost growth			-3,010
64	RQ-4 Mods	23,715	123,715	+100,000
	Program increase: Battlefield airborne communication node mission			+100,000
67	MQ-9 Mods	171,548	146,648	-24,900
	Restoring acquisition accountability: GCS block 30 upgrades excess to need			-24,900
70	Initial Spares/Repair Parts	956,408	778,508	-177,900
	Improving funds management: KC-46A spares excess to requirement			-133,000
	Improving funds management: F-15 spares excess to requirement			-29,500
	Improving funds management: E-3 spares excess to requirement			-15,400
81	F-16	11,718	4,518	-7,200
	Improving funds management: Funds excess to need			-7,200
89	Other Production Charges	1,502,386	1,335,586	-166,800
	Classified adjustment			-166,800

Light Attack Aircraft.—The Committee understands that the Air Force is pursuing a new light attack aircraft using a rapid prototyping acquisition strategy in order to procure a low-cost aircraft

that provides close air support capability in permissive threat environments, build capability among allies and international partnerships, and reduce operational tempo on more expensive fourth and fifth generation fighter aircraft. While the Committee is supportive of these efforts, it is disappointed that the Air Force has relied on additional funding provided by Congress in order to facilitate the ongoing experiment. The Department of Defense Appropriations Act, 2018, provided \$100,000,000 to continue the experimentation program. However, the Air Force did not request any funding in the fiscal year 2019 President's budget request, while programming \$2,469,000,000 for procurement of light attack aircraft in fiscal years 2020 through 2024.

As Air Force leadership has continually stressed the importance of rapid procurement and fielding of this new capability, the Committee recommends \$300,000,000 for procurement of light attack aircraft and long lead materials. The Committee expects timely and complete communication from the Air Force on prototyping and experimentation activities. Accordingly, the Committee directs the Secretary of the Air Force, or her designee, to brief the House and Senate Appropriations Committees not fewer than 30 days prior to obligation of light attack procurement funding. This brief should clearly define objectives and requirements, transition plans, technology and manufacturing readiness levels, test activities, costs, schedules, and performance metrics. It should also include an acquisition strategy for the light attack program along with an execution plan for the fiscal year 2019 procurement funding.

C-135B Aircraft.—The fiscal year 2019 budget request includes \$222,176,000 for two replacement aircraft for the OC-135Bs currently performing unarmed observation flights over signatory nations to the Open Skies Treaty. While the Committee recommends fully funding this request, it is dismayed at the lack of justification materials, including an acquisition strategy, that were provided to the Committee. The Air Force is currently finalizing the detailed systems requirement document and is expected to finalize its acquisition strategy in August 2018. The Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees not fewer than 30 days prior to the obligation of C-135B procurement funding that details the acquisition strategy, approved requirements, schedule, and cost estimates associated with these new aircraft.

Transfer of HC-130H Aircraft.—The Committee recognizes that the National Defense Authorization Act for Fiscal Year 2014 requirement for the Air Force to modify seven HC-130s to facilitate transfer from the U.S. Coast Guard to the U.S. Forest Service for wildfire suppression operations is predicated on a requirement that may no longer be valid. Funding provided for these modifications is currently being held by the Air Force pending an updated requirement validation from the U.S. Forest Service. The Committee strongly encourages the Secretary of the Air Force to notify the congressional defense committees before any prior year funds are obligated for this purpose.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2018	\$2,207,747,000
Budget estimate, 2019	2,669,454,000
Committee recommendation	2,614,954,000

The Committee recommends an appropriation of \$2,614,954,000. This is \$54,500,000 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.	2019 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		36,786		18,066		- 18,720
	OTHER MISSILES						
	TACTICAL						
2	JOINT AIR—SURFACE STANDOFF MISSILE (JASSM)	312	430,708	312	541,228		+ 110,520
3	LONG RANGE ANTI—SHIP MISSILE (LRASM)	12	44,185	15	54,385	+ 3	+ 10,200
4	SEAWINDER (AIM—9X)	256	121,253	256	121,253		
5	AWRAAM	220	337,886	220	337,886		
6	PREDATOR HELIFIRE MISSILE	1,338	113,765	1,338	33,765		- 80,000
7	SMALL DIAMETER BOMB	2,917	105,034	2,917	35,034		- 70,000
8	SMALL DIAMETER BOMB II	510	100,861	510	100,861		
	INDUSTRIAL FACILITIES						
9	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION		787		787		
	TOTAL, OTHER MISSILES		1,254,479		1,225,199		- 29,280
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
10	ICBM FUZE MOD		15,767		15,767		
11	ICBM FUZE MOD (CAP—CY)		4,100		4,100		
12	MM III MODIFICATIONS		129,199		127,699		- 1,500
13	AGM—650 MAVERICK		288		288		
14	AIR LAUNCH CRUISE MISSILE		47,632		47,632		
	TOTAL, MODIFICATION OF INSERVICE MISSILES		196,986		195,486		- 1,500
	SPARES AND REPAIR PARTS						
16	INITIAL SPARES/REPAIR PARTS		97,481		97,481		
	SPECIAL PROGRAMS						
18	SPECIAL UPDATE PROGRAMS		188,539		183,539		- 5,000

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	CLASSIFIED PROGRAMS		895,183		895,183		
	TOTAL, SPECIAL PROGRAMS		1,083,722		1,078,722		-5,000
	TOTAL, MISSILE PROCUREMENT, AIR FORCE		2,669,454		2,614,954		-54,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	Missile Replacement Eq-Ballistic	36,786	18,066	- 18,720
	Restoring acquisition accountability: TERP schedule adjustments			- 18,720
2	Joint Air-Surface Standoff Missile	430,708	541,228	+ 110,520
	Improving funds management: Forward financing support costs			- 14,480
	Program increase			+ 125,000
3	LRASM	44,185	54,385	+ 10,200
	Program increase: Restore reduction			+ 10,200
6	Predator Hellfire Missile	113,765	33,765	- 80,000
	Improving funds management: Munitions funded in Public Law 115-141			- 50,000
	Improving funds management: Prior year carryover			- 30,000
7	Small Diameter Bomb	105,034	35,034	- 70,000
	Improving funds management: Munitions funded in Public Law 115-141			- 50,000
	Improving funds management: Prior year carryover			- 20,000
12	MM III Modifications	129,199	127,699	- 1,500
	Maintain program affordability: Unjustified program management growth			- 1,500
18	Special Update Programs	188,539	183,539	- 5,000
	Classified adjustment			- 5,000

SPACE PROCUREMENT, AIR FORCE

Appropriations, 2018	\$3,552,175,000
Budget estimate, 2019	2,527,542,000
Committee recommendation	2,224,142,000

The Committee recommends an appropriation of \$2,224,142,000. This is \$303,400,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
SPACE PROCUREMENT, AIR FORCE							
SPACE PROGRAMS							
1	ADVANCED EHF		29,829		29,829		
2	AF SATELLITE COMM SYSTEM		35,400		40,400		+ 5,000
3	COUNTERSPACE SYSTEMS		1,121		1,121		
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS		27,867		27,867		
5	WIDEBAND GAPPILLER SATELLITES		61,606		12,106		- 49,500
6	GENERAL INFORMATION TECHNOLOGY—SPACE		3,425		3,425		
7	GPS III SPACE SEGMENT		69,386		69,386		
8	GLOBAL POSITIONING (SPACE)		2,181		2,181		
9	INTEG BROADCAST SERV		16,445		16,445		
10	SPACEBORNE EQUIP (COMSEC)		31,895		31,895		
12	MILSATCOM TERMINALS		11,265		11,265		
13	EVOLVED EXPENDABLE LAUNCH VEH CAPABILITY		709,981		615,081		- 94,900
14	EVOLVED EXPENDABLE LAUNCH VEH (SPACE)	5	994,555	4	830,555	- 1	- 164,000
15	SBIR HIGH (SPACE)		138,397		138,397		
17	NUDET DETECTION SYSTEM SPACE		7,705		7,705		
18	ROCKET SYSTEM LAUNCH PROGRAM		47,609		47,609		
19	SPACE FENCE		51,361		51,361		
20	SPACE MODS SPACE		148,065		148,065		
21	SPACE/LIFT RANGE SYSTEM SPACE		117,637		117,637		
22	INITIAL SPARES/REPAIR PARTS		21,812		21,812		
TOTAL, SPACE PROCUREMENT, AIR FORCE			2,527,542		2,224,142		- 303,400

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
2	AF Satellite Comm System	35,400	40,400	+ 5,000
	Program increase: GPS cyber security			+ 5,000
5	Wideband Gapfiller Satellites (Space)	61,606	12,106	- 49,500
	Transfer to RDAF line 127: Pathfinder #5			- 49,500
13	Evolved Expendable Launch Capability	709,981	615,081	- 94,900
	Restoring acquisition accountability: STP-4 launch early to need			- 44,900
	Improving funds management: Historical underrun			- 50,000
14	Evolved Expendable Launch Veh (Space)	994,555	830,555	- 164,000
	Restoring acquisition accountability: STP-4 launch early to need			- 164,000

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2018	\$1,651,977,000
Budget estimate, 2019	1,587,304,000
Committee recommendation	1,564,880,000

The Committee recommends an appropriation of \$1,564,880,000. This is \$22,424,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
PROCUREMENT OF AMMUNITION, AIR FORCE							
1	PROCUREMENT OF AMMO, AIR FORCE						
	ROCKETS		345,911		344,911		-1,000
2	CARTRIDGES		163,840		163,840		
BOMBS							
3	PRACTICE BOMBS		20,876		20,876		
4	GENERAL PURPOSE BOMBS		259,308		259,308		
5	MASSIVE ORDNANCE PENETRATOR (MOP)		38,111		38,111		
6	JOINT DIRECT ATTACK MUNITION	7,899	234,198	7,899	234,198		
7	B61	250	109,292	250	99,492		-9,800
8	B61		52,731		52,731		
FLARE, IR MU-7B							
9	CAD/PAD		51,455		51,455		
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD)		6,038		6,038		
11	SPARES AND REPAIR PARTS		524		524		
12	MODIFICATIONS		1,270		847		-423
13	ITEMS LESS THAN \$5,000,000		4,604		3,070		-1,534
FLARES/FUZES							
15	FLARES		125,286		125,286		
16	FUZES		109,358		99,691		-9,667
TOTAL, PROCUREMENT OF AMMO, AIR FORCE			1,522,802		1,500,378		-22,424
WEAPONS							
17	SMALL ARMS		64,502		64,502		
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE			1,587,304		1,564,880		-22,424

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
1	Rockets	345,911	344,911	- 1,000
	Restoring acquisition accountability: Hardware end item cost growth (2.75 Warhead WP Smoke)			- 1,000
7	B61	109,292	99,492	- 9,800
	Restoring acquisition accountability: Support cost growth			- 9,800
12	Modifications	1,270	847	- 423
	Insufficient budget justification: Modifications			- 423
13	Items Less Than \$5,000,000	4,604	3,070	- 1,534
	Insufficient budget justification: Items Less Than \$5,000,000			- 1,534
16	Fuzes	109,358	99,691	- 9,667
	Restoring acquisition accountability: Unit cost discrepancy and support cost growth (FMU-139 D/B)			- 9,667

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2018	\$20,503,273,000
Budget estimate, 2019	20,890,164,000
Committee recommendation	20,839,366,000

The Committee recommends an appropriation of \$20,839,366,000. This is \$50,798,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE		6,949		6,949		
2	CARGO + UTILITY VEHICLES						
3	FAMILY MEDIUM TACTICAL VEHICLE		36,002		36,002		
4	CAP VEHICLES		1,022		1,700		+ 678
5	ITEMS LESS THAN \$5M (CARGO AND UTILITY VEHICLES)		42,696		42,696		
6	SPECIAL PURPOSE VEHICLES						
7	JOINT LIGHT TACTICAL VEHICLE		30,145		34,142		+ 3,997
8	SECURITY AND TACTICAL VEHICLES		1,230		1,230		
9	ITEMS LESS THAN \$5M (SPECIAL PURPOSE VEHICLES)		43,003		55,008		+ 12,005
10	FIRE FIGHTING EQUIPMENT						
11	FIRE FIGHTING/CRASH RESCUE VEHICLES		23,328		32,708		+ 9,380
12	MATERIALS HANDLING EQUIPMENT						
13	ITEMS LESS THAN \$5M (MATERIALS HANDLING EQUIPMENT)		11,537		21,125		+ 9,588
14	BASE MAINTENANCE SUPPORT						
15	RUNWAY SNOW REMOVAL & CLEANING EQUIP		37,600		38,279		+ 679
16	ITEMS LESS THAN \$5M (BASE MAINTENANCE SUPPORT VEHICLES)		104,923		104,923		
	TOTAL, VEHICULAR EQUIPMENT		338,435		374,762		+ 36,327
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
	COMM SECURITY EQUIPMENT(COMSEC)						
17	COMSEC EQUIPMENT		114,372		118,972		+ 4,600
	INTELLIGENCE PROGRAMS						
18	INTERNATIONAL INTEL TECH AND ARCHITECTURES		8,290		8,290		
19	INTELLIGENCE TRAINING EQUIPMENT		2,099		2,099		
20	INTELLIGENCE COMM EQUIP		37,415		37,415		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
51	PERSONAL SAFETY AND RESCUE EQUIP ITEMS LESS THAN \$5,000,000 (SAFETY)		51,906		51,906		
52	DEPOT PLANT + MATERIALS HANDLING EQ MECHANIZED MATERIAL HANDLING		88,298		88,298		
53	BASE SUPPORT EQUIPMENT						
54	BASE PROCURED EQUIPMENT		17,031		17,031		
55	ENGINEERING AND EOD EQUIPMENT		82,635		82,635		
56	MOBILITY EQUIPMENT		9,549		20,877		+ 11,328
	ITEMS LESS THAN \$5M (BASE SUPPORT)		24,005		29,005		+ 5,000
58	SPECIAL SUPPORT PROJECTS						
59	DARP RC135		26,262		26,262		
61	DISTRIBUTED GROUND SYSTEMS SPECIAL UPDATE PROGRAM		448,290 913,813		378,490 900,813		- 69,800 - 13,000
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP		1,661,789		1,595,317		- 66,472
63	SPARE AND REPAIR PARTS						
64	SPARES AND REPAIR PARTS UNDISTRIBUTED CLASSIFIED PROGRAMS		86,365 17,258,069		86,365 17,372,214		- 20,000 + 114,145
	TOTAL, OTHER PROCUREMENT, AIR FORCE		20,890,164		20,839,366		- 50,798

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
3	Cap Vehicles	1,022	1,700	+ 678
	Program increase: Civil air patrol—vehicles			+ 678
5	Joint Light Tactical Vehicle	30,145	34,142	+ 3,997
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 3,997
7	Special Purpose Vehicles	43,003	55,008	+ 12,005
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 12,005
8	Fire Fighting/Crash Rescue Vehicles	23,328	32,708	+ 9,380
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 9,380
9	Materials Handling Vehicles	11,537	21,125	+ 9,588
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 9,588
10	Runway Snow Remov And Cleaning Equ	37,600	38,279	+ 679
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 679
12	Comsec Equipment	114,372	118,972	+ 4,600
	Program increase: Missile electronic encryption device ...			+ 12,900
	Maintain Program Affordability: Unjustified growth for COMSEC equipment			- 8,300
16	Air Traffic Control & Landing Sys	57,937	42,937	- 15,000
	Maintain Program Affordability: D-RAPCON			- 15,000
20	Weather Observation Forecast	45,020	52,520	+ 7,500
	Program increase: Portable doppler radar			+ 7,500
29	Air Force Physical Security System	159,313	47,115	- 112,198
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 2,002
	Improving Funds Management: JUON funded in Public Law 115-141			- 114,200
30	Combat Training Ranges	132,675	236,175	+ 103,500
	Program increase: ANG electronic warfare range requirements—threat emitters			+ 40,000
	Program increase: Threat simulators and equipment to support F-35A beddown			+ 63,500
42	AFNET	102,836	76,836	- 26,000
	Improving Funds Management: ARAD enterprise software funded in Public Law 115-141			- 26,000
45	Tactical C-E Equipment	161,231	87,531	- 73,700
	Improving Funds Management: Carryover			- 10,000
	Improving Funds Management: Previously funded requirement			- 63,700
48	CCTV/Audiovisual Equipment	6,505	3,005	- 3,500
	Improving Funds Management: Carryover			- 3,500
55	Mobility Equipment	9,549	20,877	+ 11,328
	Program increase: Procurement of 7 DABs for INDOPACOM			+ 11,328
56	Base Maintenance and Support Equipment	24,005	29,005	+ 5,000
	Program increase: Precision approach radar			+ 5,000
59	DCGS-AF	448,290	378,490	- 69,800
	Improving Funds Management: OA forward buys funded in Public Law 115-141			- 69,800
61	Special Update Program	913,813	900,813	- 13,000
	Classified Adjustment			- 13,000
999	Classified Programs	17,258,069	17,372,214	+ 114,145
	Classified Adjustment			+ 114,145

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, 2018	\$5,429,270,000
Budget estimate, 2019	6,786,271,000
Committee recommendation	6,663,821,000

The Committee recommends an appropriation of \$6,663,821,000. This is \$122,450,000 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCAA						
1	MAJOR EQUIPMENT ITEMS LESS THAN \$5M		2,542		2,542		
2	MAJOR EQUIPMENT, DCMA						
	MAJOR EQUIPMENT		3,873		3,873		
3	MAJOR EQUIPMENT, DHRA						
	PERSONNEL ADMINISTRATION		10,630		10,630		
	MAJOR EQUIPMENT, DISA						
7	INFORMATION SYSTEMS SECURITY		21,590		21,590		
8	TELEPORT PROGRAM		33,905		33,905		
9	ITEMS LESS THAN \$5M		27,886		24,071		-3,815
10	NET CENTRIC ENTERPRISE SERVICES (NCES)		1,017		1,017		
11	DEFENSE INFORMATION SYSTEMS NETWORK		150,674		150,674		
13	WHITE HOUSE COMMUNICATION AGENCY		94,610		94,610		
14	SENIOR LEADERSHIP ENTERPRISE		197,246				-197,246
16	JOINT REGIONAL SECURITY STACKS (JRSS)		140,338		140,338		
17	JOINT SERVICE PROVIDER		107,182		100,442		-6,740
	MAJOR EQUIPMENT, DLA						
18	MAJOR EQUIPMENT		5,225		5,225		
	MAJOR EQUIPMENT, DDMAC						
19	A—WEAPON SYSTEM COST	3	13,106	3	13,106		
	MAJOR EQUIPMENT, DODEA						
20	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		1,723		862		-861
	MAJOR EQUIPMENT, DSS						
21	MAJOR EQUIPMENT		1,196		598		-598
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
23	VEHICLES		207		207		
24	OTHER MAJOR EQUIPMENT		5,592		5,592		

[Dollars in thousands]

Line	Item	Qty.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
26	MAJOR EQUIPMENT, MDA						
27	THAAD SYSTEM	82	874,068	82	1,014,068		+ 140,000
28	GROUND BASED MIDCOURSE	14	409,000	14	450,000		+ 41,000
29	GROUND BASED MIDCOURSE [AP-CY]		115,000		115,000		
30	AEGIS BMD	43	593,488	43	708,694		+ 115,206
31	AEGIS BMD (AP)		115,206				- 115,206
32	BMDs AN/TPY-2 RADARS		13,185		13,185		
33	ISRAELI PROGRAMS		80,000		80,000		
34	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)		50,000		50,000		
35	AEGIS ASHORE PHASE III		15,000		35,000		+ 20,000
36	IRON DOME SYSTEM		70,000		70,000		
	AEGIS BMD HARDWARE AND SOFTWARE	28	97,057	28	97,057		
42	MAJOR EQUIPMENT, NSA						
	INFORMATION SYSTEMS SECURITY PROGRAM [ISSP]		5,403		30,703		+ 25,300
43	MAJOR EQUIPMENT, OSD						
	MAJOR EQUIPMENT, OSD		35,295		35,295		
44	MAJOR EQUIPMENT, TJS						
45	MAJOR EQUIPMENT, TJS-CE212		4,360		4,360		
	MAJOR EQUIPMENT, TJS-CE212		904		904		
46	MAJOR EQUIPMENT, WHS						
	MAJOR EQUIPMENT, WHS		497		497		
	TOTAL, MAJOR EQUIPMENT		3,297,005		3,314,045		+ 17,040
	SPECIAL OPERATIONS COMMAND						
	AVIATION PROGRAMS						
50	SOF ROTARY WING UPGRADES AND SUSTAINMENT		148,351		139,612		- 8,739
51	UNMANNED ISR		57,708		57,708		
52	NON-STANDARD AVIATION		18,731		18,731		
53	SOF U-28		32,301		32,301		
54	MH-47 CHINOOK		131,033		131,033		
55	CY-22 SOF MODIFICATION		32,529		32,529		

56	MQ-9 UNMANNED AERIAL VEHICLE	24,621	24,621	24,621	24,621	.....
57	PRECISION STRIKE PACKAGE	226,965	226,965	226,965	226,965	.....
58	AC/MC-130J	165,813	165,813	155,681	10,132	.....
59	C-130 MODIFICATIONS	80,274	80,274	80,274	.....	.....
60	SHIPBUILDING .....	.....	.....	.....	.....	.....
	UNDERWATER SYSTEMS	136,723	136,723	123,071	13,652	.....
	AMMUNITION PROGRAMS .....	.....	.....	.....	.....	.....
61	SOF ORDNANCE ITEMS UNDER \$5,000,000	357,742	357,742	325,042	32,700	.....
	OTHER PROCUREMENT PROGRAMS .....	.....	.....	.....	.....	.....
62	SOF INTELLIGENCE SYSTEMS	85,699	85,699	85,699	.....	.....
63	DGGS-SOF	17,863	17,863	17,863	.....	.....
64	OTHER ITEMS UNDER \$5,000,000	112,117	112,117	106,250	5,867	.....
65	SOF COMBATANT CRAFT SYSTEMS	7,313	7,313	15,913	+8,600	.....
66	SPECIAL PROGRAMS	14,026	14,026	14,026	.....	.....
67	TACTICAL VEHICLES	88,608	88,608	85,608	3,000	.....
68	WARRIOR SYSTEMS UNDER \$5,000,000	438,590	438,590	415,590	23,000	.....
69	COMBAT MISSION REQUIREMENTS	19,408	19,408	19,408	.....	.....
70	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	6,281	6,281	6,281	.....	.....
71	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	18,509	18,509	18,509	.....	.....
73	SOF OPERATIONAL ENHANCEMENTS	367,433	367,433	332,333	35,100	.....
	TOTAL, SPECIAL OPERATIONS COMMAND	2,588,638	2,588,638	2,465,048	123,590	.....
	CHEMICAL/BIOLOGICAL DEFENSE .....	.....	.....	.....	.....	.....
76	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	166,418	166,418	161,918	4,500	.....
77	CB PROTECTION AND HAZARD MITIGATION	144,519	144,519	142,519	2,000	.....
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE	310,937	310,937	304,437	6,500	.....
	CLASSIFIED PROGRAMS	589,691	589,691	580,291	9,400	.....
	TOTAL, PROCUREMENT, DEFENSE-WIDE	6,786,271	6,786,271	6,663,821	122,450	.....

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
9	Items Less Than \$5 Million	27,886	24,071	- 3,815
	Maintain program affordability: Unjustified growth			- 3,815
14	Senior Leadership Enterprise	197,246		- 197,246
	Insufficient budget justification: Lack of supporting justification			- 197,246
16	Joint Service Provider	107,182	100,442	- 6,740
	Maintain program affordability: Unjustified growth in end user services			- 6,740
20	Automation/Educational Support & Logistics	1,723	862	- 861
	Improving funds management: Prior year carryover			- 861
21	Major Equipment	1,196	598	- 598
	Improving funds management: Prior year carryover			- 598
26	THAAD	874,068	1,014,068	+ 140,000
	Program increase: THAAD interceptors			+ 140,000
27	Ground Based Midcourse	409,000	450,000	+ 41,000
	Transfer: Transfer funding for missile field components from Research, Development, Test and Evaluation, Defense-wide, line 73 for proper execution: Transfer requested by Missile Defense Agency			+ 41,000
29	Aegis BMD	593,488	708,694	+ 115,206
	Transfer: Transfer from line 30 for additional SM-3 Block IIA interceptors			+ 115,206
30	Aegis BMD [AP-CY]	115,206		- 115,206
	Restoring acquisition accountability: Lack of justification—transfer to line 29 for additional SM-3 Block IIA interceptors			- 115,206
34	Aegis Ashore Phase III	15,000	35,000	+ 20,000
	Program increase: AEGIS Ashore Poland			+ 20,000
42	Information Systems Security Program [ISSP]	5,403	30,703	+ 25,300
	Program increase: Sharkseer			+ 25,300
50	Rotary Wing Upgrades and Sustainment	148,351	139,612	- 8,739
	Maintain program affordability: MPU unjustified request			- 6,914
	Restoring acquisition accountability: NGEN FLIR delays			- 1,825
58	AC/MC-130J	165,813	155,681	- 10,132
	Improving funds management: RFCM ICS carryover			- 2,132
	Maintain program affordability: MC-130J SMS unjustified growth			- 8,000
60	Underwater Systems	136,723	123,071	- 13,652
	Restoring acquisition accountability: DCS components ahead of need			- 13,652
61	Ordnance Items <\$5M	357,742	325,042	- 32,700
	Restoring acquisition accountability: SOPGM unit cost adjustments			- 25,000
	Restoring acquisition accountability: 30MM and 105MM unit cost adjustments			- 7,700
64	Other Items <\$5M	112,117	106,250	- 5,867
	Restoring acquisition accountability: MMP-M ahead of need			- 5,867
65	Combatant Craft Systems	7,313	15,913	+ 8,600
	Program increase: Combatant craft			+ 8,600
67	Tactical Vehicles	88,608	85,608	- 3,000
	Improving funds management: Requirements funded in Public Law 115-141			- 3,000
68	Warrior Systems <\$5M	438,590	415,590	- 23,000
	Improving funds management: Requirements funded in Public Law 115-141			- 23,000
73	Operational Enhancements	367,433	332,333	- 35,100

[In thousands of dollars]

Line	Item	2019 budget estimate	Committee recommendation	Change from budget estimate
	Improving funds management: Requirements funded in Public Law 115–141			– 35,100
74	Chemical Biological Situational Awareness	166,418	161,918	– 4,500
	Maintain program affordability: Unjustified growth			– 7,500
	Program increase: CBRN dismantled reconnaissance system			+ 3,000
75	CB Protection & Hazard Mitigation	144,519	142,519	– 2,000
	Maintain program affordability: Unjustified growth			– 3,000
	Program increase: DfOS CIDAS			+ 1,000
999	Classified Programs	589,691	580,291	– 9,400
	Classified adjustment			– 9,400

Chemical Biological Protective Shelter [CBPS].—The Committee recognizes the need for a highly mobile, self-contained collective protection system that can provide a contamination free working area for Echelon I and II medical treatment facilities and other selected units. CBPS satisfies that requirement and consists of a self-contained and self-powered shelter that is modularized and integrated into a service selected prime-mover. Therefore, the Committee supports the fiscal year 2019 President’s budget request of \$17,673,000 for the CBPS program.

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriations, 2018	¹ \$1,300,000,000
Budget estimate, 2019	
Committee recommendation	900,000,000

¹ Provided in Public Law 115–141, title IX.

The Committee recommends an appropriation of \$900,000,000. This is \$900,000,000 above the budget estimate.

The appropriation includes direction for the component commanders of the Army Reserve, Marine Forces Reserve, Air Force Reserve, Army National Guard and Air National Guard to submit to the congressional defense committees a detailed assessment of their component’s modernization priorities, not later than 30 days after enactment of this act.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Item	2019 budget estimate	Committee recommendation	Change from budget estimate
NATIONAL GUARD AND RESERVE EQUIPMENT			
RESERVE EQUIPMENT:			
ARMY RESERVE:			
Program increase: Miscellaneous equipment		124,500	+ 124,500
NAVY RESERVE:			
Program increase: Miscellaneous equipment		45,000	+ 45,000
MARINE CORPS RESERVE:			
Program increase: Miscellaneous equipment		9,000	+ 9,000

[In thousands of dollars]

Item	2019 budget estimate	Committee recommendation	Change from budget estimate
AIR FORCE RESERVE:			
Program increase: Miscellaneous equipment		138,500	+ 138,500
TOTAL, RESERVE EQUIPMENT		317,000	+ 317,000
NATIONAL GUARD EQUIPMENT:			
ARMY NATIONAL GUARD:			
Program increase: Miscellaneous equipment		291,500	+ 291,500
AIR NATIONAL GUARD:			
Program increase: Miscellaneous equipment		291,500	+ 291,500
TOTAL, NATIONAL GUARD EQUIPMENT		583,000	+ 583,000
TOTAL, NATIONAL GUARD AND RESERVE EQUIPMENT		900,000	+ 900,000

High-Priority Items.—The Committee directs that the National Guard and Reserve Equipment account shall be executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: Acoustic Hailing Devices, Arctic Sustainment Package, Cold Weather and Mountaineering Gear and Equipment, Commercial Off-the-Shelf Simulation Devices, Detect and Avoid Systems for MQ-9 Aircraft, Digital Radar Warning Receivers for F-16s, MQ-9 Deployable Launch & Recovery Element Mission Support Kits, Radiac Sets, and Small Unit Support Vehicles.

Commercial Off-the-Shelf Simulation Devices.—The Committee commends the Army National Guard for its innovative approach to acquiring commercial off-the-shelf simulation devices. Utilizing COTS training devices enables the Guard to provide high quality, timely simulation training at an affordable cost. The Committee encourages the Guard to continue utilizing COTS simulation training devices and to consider a service and support business model for simulation training in order to maximize the benefits of modern, realistic training scenarios.

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 2018	\$67,401,000
Budget estimate, 2019	38,578,000
Committee recommendation	38,578,000

The Committee recommends an appropriation of \$38,578,000. 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.	2019 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES		38,578		38,578		
	TOTAL, DEFENSE PRODUCTION ACT PURCHASES		38,578		38,578		

Defense Production Act.—The fiscal year 2019 budget request includes \$38,578,000 for the Defense Production Act [DPA] Fund. For the second consecutive year, the Committee supports the DPA Fund budget request but does not provide additional funding. The Committee remains supportive of DPA’s unique mission to address single points of failure in supply chains, support emerging technology, expand Defense-centric companies into commercial sectors, and improve the manufacturing capacity of companies when there are few market incentives. However, the Committee is concerned with the management of the DPA Fund. Despite recent Congressional adds to the DPA Fund, the Committee notes the gradual decrease of debits to the DPA Fund for projects since fiscal year 2015. Therefore, the Committee directs the Secretary of Defense to report to the congressional defense committees not later than 30 days after enactment of this act on the management of the DPA Fund, to include an update on the status and plan to accelerate the execution of funds, the way forward on the Executive Agent issue, and explanations on the differences between the projects requested in the budget request and subsequent funding profiles provided during the year of execution.

JOINT URGENT OPERATIONAL NEEDS FUND

Appropriations, 2018	
Budget estimate, 2019	\$100,025,000
Committee recommendation	

The Committee recommends no funding for the Joint Urgent Operational Needs Fund.