

**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 2020 budget requests a total of \$118,923,130,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$132,837,153,000 for fiscal year 2020. This is \$13,914,023,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2020 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

| Account  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|--|----------------------|--------------------------|-----------------------------|
| <b>Procurement:</b>  |                      |                          |                             |
| Aircraft Procurement, Army .....                               | 3,696,429            | 3,766,529                | + 70,100                    |
| Missile Procurement, Army .....                                |                      | 3,030,944                | + 3,030,944                 |
| Procurement of Weapons and Tracked Combat Vehicles, Army ..... | 4,715,566            | 4,463,582                | - 251,984                   |
| Procurement of Ammunition, Army .....                          |                      | 2,572,771                | + 2,572,771                 |
| Other Procurement, Army .....                                  | 7,443,101            | 7,220,947                | - 222,154                   |
| Aircraft Procurement, Navy .....                               | 18,522,204           | 18,573,560               | + 51,356                    |
| Weapons Procurement, Navy .....                                |                      | 3,963,067                | + 3,963,067                 |
| Procurement of Ammunition, Navy and Marine Corps .....         |                      | 872,251                  | + 872,251                   |
| Shipbuilding and Conversion, Navy .....                        | 23,783,710           | 24,366,431               | + 582,721                   |
| Other Procurement, Navy .....                                  | 9,652,956            | 10,568,201               | + 915,245                   |
| Procurement, Marine Corps .....                                | 3,090,449            | 3,045,749                | - 44,700                    |
| Aircraft Procurement, Air Force .....                          | 16,784,279           | 17,308,918               | + 524,639                   |
| Missile Procurement, Air Force .....                           | 2,889,187            | 2,589,166                | - 300,021                   |
| Space Procurement, Air Force .....                             | 2,414,383            | 2,460,605                | + 46,222                    |
| Procurement of Ammunition, Air Force .....                     |                      | 1,625,661                | + 1,625,661                 |
| Other Procurement, Air Force .....                             | 20,687,857           | 21,083,464               | + 395,607                   |
| Procurement, Defense-Wide .....                                | 5,109,416            | 5,285,914                | + 176,498                   |
| Defense Production Act Purchases .....                         | 34,393               | 39,393                   | + 5,000                     |
| Joint Urgent Operational Needs Fund .....                      | 99,200               |                          | - 99,200                    |
| <b>Total .....</b>   | <b>118,923,130</b>   | <b>132,837,153</b>       | <b>+ 13,914,023</b>         |

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, 2019 .....     | \$4,299,566,000 |
| Budget estimate, 2020 .....    | 3,696,429,000   |
| Committee recommendation ..... | 3,766,529,000   |

The Committee recommends an appropriation of \$3,766,529,000. This is \$70,100,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
|      | <b>AIRCRAFT PROCUREMENT, ARMY</b>        |      |                      |      |                          |             |                 |
|      | AIRCRAFT                                 |      |                      |      |                          |             |                 |
|      | FIXED WING                               |      |                      |      |                          |             |                 |
| 2    | UTILITY F7W CARGO AIRCRAFT               | 1    | 16,000               |      |                          |             | - 16,000        |
| 4    | RQ-11 (RAVEN)                            |      | 23,510               |      | 13,210                   | -1          | - 10,300        |
|      | ROTARY                                   |      |                      |      |                          |             |                 |
| 5    | TACTICAL UNMANNED AIRCRAFT SYSTEM (TUAS) |      | 12,100               |      | 45,600                   |             | - 12,100        |
| 7    | HELICOPTER, LIGHT UTILITY (LUH)          |      |                      |      | 806,849                  |             | + 45,600        |
| 8    | AH-64 APACHE BLOCK IIIA REMAN            | 48   | 806,849              | 48   | 806,849                  |             |                 |
| 9    | AH-64 APACHE BLOCK IIIA REMAN (AP-CY)    |      | 190,870              |      | 190,870                  |             |                 |
| 12   | UH-60 BLACKHAWK (MYP)                    | 73   | 1,411,540            | 73   | 1,397,740                |             |                 |
| 13   | UH-60 BLACKHAWK (MYP) (AP-CY)            |      | 79,572               |      | 79,572                   |             | - 13,800        |
| 14   | UH-60 BLACKHAWK A AND L MODELS           | 25   | 169,290              | 25   | 169,290                  |             |                 |
| 15   | CH-47 HELICOPTER                         | 8    | 140,290              | 8    | 140,290                  |             |                 |
| 16   | CH-47 HELICOPTER (AP-CY)                 |      | 18,186               |      | 46,186                   |             | + 28,000        |
|      | <b>TOTAL, AIRCRAFT</b>                   |      | <b>2,868,207</b>     |      | <b>2,889,607</b>         |             | <b>+ 21,400</b> |
|      | <b>MODIFICATION OF AIRCRAFT</b>          |      |                      |      |                          |             |                 |
|      | UNIVERSAL GROUND CONTROL EQUIPMENT       |      |                      |      |                          |             |                 |
| 19   | GRAY EAGLE MODS2                         |      | 2,090                |      | 2,090                    |             |                 |
| 20   | MULTI SENSOR ABN RECON (IMP)             |      | 14,699               |      | 28,699                   |             | + 14,000        |
| 21   | AH-64 MODS                               |      | 35,189               |      | 35,189                   |             |                 |
| 22   | CH-47 CARGO HELICOPTER MODS              |      | 58,172               |      | 58,172                   |             |                 |
| 23   | ARL SEMA MODS (IMP)                      |      | 11,785               |      | 11,785                   |             |                 |
| 24   | EMARSS SEMA MODS (MIP)                   |      | 5,677                |      | 5,677                    |             |                 |
| 25   | UTILITY/CARGO AIRPLANE MODS              |      | 6,566                |      | 6,566                    |             |                 |
| 26   | NETWORK AND MISSION PLAN                 |      | 3,859                |      | 20,959                   |             | + 17,100        |
| 27   | UTILITY HELICOPTER MODS                  |      | 15,476               |      | 15,476                   |             |                 |
| 28   | COMMMS, NAV SURVEILLANCE                 |      | 6,744                |      | 24,344                   |             | + 17,600        |
| 29   | GATM ROLLUP                              |      | 105,442              |      | 105,442                  |             |                 |
| 30   | COMMS, NAV SURVEILLANCE                  |      | 164,315              |      | 164,315                  |             |                 |
| 32   | RQ-7 UAV MODS                            |      | 30,966               |      | 30,966                   |             |                 |
| 33   |  |      | 8,983                |      | 8,983                    |             |                 |

|    |   |           |       |       |           |       |       |          |
|----|---|-----------|-------|-------|-----------|-------|-------|----------|
| 34 | UAS MODS .....                                      | 10,205    | ..... | ..... | 10,205    | ..... | ..... | .....    |
|    | TOTAL, MODIFICATION OF AIRCRAFT .....               | 480,168   | ..... | ..... | 528,868   | ..... | ..... | + 48,700 |
|    | SUPPORT EQUIPMENT AND FACILITIES .....              |           |       |       |           |       |       |          |
|    | GROUND SUPPORT AVIONICS .....                       |           |       |       |           |       |       |          |
| 35 | AIRCRAFT SURVIVABILITY EQUIPMENT .....              | 52,297    | ..... | ..... | 52,297    | ..... | ..... | .....    |
| 36 | SURVIVABILITY CM .....                              | 8,388     | ..... | ..... | 8,388     | ..... | ..... | .....    |
| 37 | CMWS .....  | 13,999    | ..... | ..... | 13,999    | ..... | ..... | .....    |
| 38 | COMMON INFRARED COUNTERMEASURES .....               | 168,784   | ..... | ..... | 168,784   | ..... | ..... | .....    |
|    | OTHER SUPPORT .....                                 |           |       |       |           |       |       |          |
| 39 | AVIONICS SUPPORT EQUIPMENT .....                    | 1,777     | ..... | ..... | 1,777     | ..... | ..... | .....    |
| 40 | COMMON GROUND EQUIPMENT .....                       | 18,624    | ..... | ..... | 18,624    | ..... | ..... | .....    |
| 41 | AIRCREW INTEGRATED SYSTEMS .....                    | 48,255    | ..... | ..... | 48,255    | ..... | ..... | .....    |
| 42 | AIR TRAFFIC CONTROL .....                           | 32,738    | ..... | ..... | 32,738    | ..... | ..... | .....    |
| 44 | LAUNCHER, 2.75 ROCKET .....                         | 2,201     | ..... | ..... | 2,201     | ..... | ..... | .....    |
| 45 | LAUNCHER GUIDED MISSILE, LONGBOW HELLFIRE XM2 ..... | 991       | ..... | 9     | 991       | ..... | ..... | .....    |
|    | TOTAL, SUPPORT EQUIPMENT AND FACILITIES .....       | 348,054   | ..... | ..... | 348,054   | ..... | ..... | .....    |
|    | TOTAL, AIRCRAFT PROCUREMENT, ARMY .....             | 3,696,429 | ..... | ..... | 3,766,529 | ..... | ..... | + 70,100 |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 2    | Utility FAW Aircraft .....  | 16,000               | .....                    | - 16,000                    |
|      | Insufficient budget justification: Lack of supporting justification .....     | .....                | .....                    | - 16,000                    |
| 4    | RQ-11 (RAVEN) .....   | 23,510               | 13,210                   | - 10,300                    |
|      | Improving funds management: Prior year carryover .....                        | .....                | .....                    | - 10,300                    |
| 5    | Tactical Unmanned Aircraft System [TUAS] .....                                | 12,100               | .....                    | - 12,100                    |
|      | Insufficient budget justification: Poor justification materials .....         | .....                | .....                    | - 12,100                    |
| 7    | Helicopter, Light Utility [LUH] .....   | .....                | 45,600                   | + 45,600                    |
|      | Program increase: Three aircraft .....  | .....                | .....                    | + 27,000                    |
|      | Program increase: Expandable rotorcraft diagnostics .....                     | .....                | .....                    | + 18,600                    |
| 12   | UH-60 Blackhawk M Model (MYP) .....   | 1,411,540            | 1,397,740                | - 13,800                    |
|      | Restoring acquisition accountability: Unit cost growth .....                  | .....                | .....                    | - 13,800                    |
| 16   | CH-47 Helicopter—AP .....   | 18,186               | 46,186                   | + 28,000                    |
|      | Program increase .....  | .....                | .....                    | + 28,000                    |
| 20   | Gray Eagle Mods2 .....  | 14,699               | 28,699                   | + 14,000                    |
|      | Program increase .....  | .....                | .....                    | + 14,000                    |
| 26   | EMARSS SEMA Mods (MIP) .....  | 3,859                | 20,959                   | + 17,100                    |
|      | Program increase: Performance enhancements .....                              | .....                | .....                    | + 17,100                    |
| 28   | Utility Helicopter Mods .....   | 6,744                | 24,344                   | + 17,600                    |
|      | Program increase: UH-72 life cycle sustainment and product improvements ..... | .....                | .....                    | + 17,600                    |

*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.

*CH-47F Block II program.*—The Committee recommendation restores Advanced Procurement funds to support the Army's procurement of the CH-47F Block II program as certified in July 2017. Prior to submitting the fiscal year 2021 President's budget request, the Committee strongly encourages the Secretary of the Army to assess the increased cost, expected production issues as well as industrial base risks of delaying the successful acquisition program.

## MISSILE PROCUREMENT, ARMY

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$3,145,256,000 |
| Budget estimate, 2020 .....    |                 |
| Committee recommendation ..... | 3,030,944,000   |

The Committee recommends an appropriation of \$3,030,944,000. This is \$3,030,944,000 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. | 2020 budget estimate | Qty.  | Committee recommendation | Change from |                 |
|------|--|------|----------------------|-------|--------------------------|-------------|-----------------|
|      |  |      |                      |       |                          | Qty.        | Budget estimate |
|      | OTHER MISSILES                             |      |                      |       |                          |             |                 |
|      | MISSILE PROCUREMENT, ARMY                  |      |                      |       |                          |             |                 |
| 1    | SURFACE-TO-AIR MISSILE SYSTEM              |      |                      |       | 107,157                  |             | + 107,157       |
| 2    | SYSTEM INTEGRATION AND TEST PROCUREMENT    |      |                      | 17    | 79,800                   | +17         | + 79,800        |
| 3    | M-SHORAD—PROCUREMENT                       |      |                      | 138   | 664,499                  | + 138       | + 664,499       |
| 4    | MSE MISSILE                                |      |                      |       | 9,337                    |             | + 9,337         |
| 6    | INDIRECT FIRE PROTECTION CAPABILITY        |      |                      |       | 193,284                  |             | + 193,284       |
| 6    | HELLFIRE SYS SUMMARY                       |      |                      | 1,870 |                          | + 1,870     |                 |
|      | AIR-TO-SURFACE MISSILE SYSTEM              |      |                      |       |                          |             |                 |
| 7    | JOINT AIR-TO-GROUND MISLS [JAGM]           |      |                      | 609   | 220,766                  | + 609       | + 220,766       |
|      | ANTI-TANK/ASSAULT MISSILE SYSTEM           |      |                      |       |                          |             |                 |
| 8    | JAVELIN (AAWS-M) SYSTEM SUMMARY            |      |                      | 672   | 138,405                  | + 672       | + 138,405       |
| 9    | TOW 2 SYSTEM SUMMARY                       |      |                      | 1,460 | 107,958                  | + 1,460     | + 107,958       |
| 10   | TOW 2 SYSTEM SUMMARY [AP-CY]               |      |                      |       | 10,500                   |             | + 10,500        |
| 11   | GUIDED MLRS ROCKET [GMLRS]                 |      |                      | 6,489 | 744,810                  | + 6,489     | + 744,810       |
| 12   | MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) |      |                      | 2,982 | 27,555                   | + 2,982     | + 27,555        |
| 14   | ARMY TACTICAL MSL SYS [ATACMS]             |      |                      | 146   | 170,013                  | + 146       | + 170,013       |
|      | TOTAL, OTHER MISSILES                      |      |                      |       | 2,474,084                |             | + 2,474,084     |
|      | MODIFICATION OF MISSILES                   |      |                      |       |                          |             |                 |
|      | MODIFICATIONS                              |      |                      |       |                          |             |                 |
| 16   | PATRIOT MODS                               |      |                      |       | 278,716                  |             | + 278,716       |
| 17   | ATACMS MODS                                |      |                      |       | 85,320                   |             | + 85,320        |
| 18   | GMLRS MOD                                  |      |                      |       | 5,094                    |             | + 5,094         |
| 19   | STINGER MODS                               |      |                      |       | 81,615                   |             | + 81,615        |
| 20   | AVENGER MODS                               |      |                      |       | 14,107                   |             | + 14,107        |
| 21   | ITAS/TOW MODS                              |      |                      |       | 3,469                    |             | + 3,469         |
| 22   | MLRS MODS                                  |      |                      |       | 39,019                   |             | + 39,019        |
| 23   | HIMARS MODIFICATIONS                       |      |                      |       | 12,483                   |             | + 12,483        |
|      | TOTAL, MODIFICATION OF MISSILES            |      |                      |       | 519,823                  |             | + 519,823       |

[Dollars in thousands]

| Line | Item                             | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|----------------------------------|------|----------------------|------|--------------------------|-------------|-----------------|
|      |                                  |      |                      |      |                          | Qty.        | Budget estimate |
| 24   | SPARES AND REPAIR PARTS          |      |                      |      | 26,444                   |             | + 26,444        |
|      | SPARES AND REPAIR PARTS          |      |                      |      |                          |             |                 |
| 25   | SUPPORT EQUIPMENT AND FACILITIES |      |                      |      | 10,593                   |             | + 10,593        |
|      | AIR DEFENSE TARGETS              |      |                      |      |                          |             |                 |
|      | TOTAL, MISSILE PROCUREMENT, ARMY |      |                      |      | 3,030,944                |             | + 3,030,944     |



## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
| 1    | System Integration and Test Procurement .....  |                      | 107,157                  | + 107,157                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 113,857                   |
|      | Improving funds management: Field Surveillance Program carryover .....                                     |                      |                          | - 6,700                     |
| 2    | M-SHORAD—Procurement .....   |                      | 79,800                   | + 79,800                    |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 103,800                   |
|      | Restoring acquisition accountability: Pricing adjustments for prototype rework vehicles .....              |                      |                          | - 24,000                    |
| 3    | MSE Missile .....  |                      | 664,499                  | + 664,499                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 698,603                   |
|      | Restoring acquisition accountability: AUR unit cost growth .....   |                      |                          | - 34,104                    |
| 4    | INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....  |                      | 9,337                    | + 9,337                     |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 9,337                     |
| 6    | Hellfire Sys Summary .....   |                      | 193,284                  | + 193,284                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 193,284                   |
| 7    | Joint Air-To-Ground MsIs [JAGM] .....  |                      | 220,766                  | + 220,766                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 233,353                   |
|      | Maintain program affordability: Unjustified test and evaluation support .....                              |                      |                          | - 12,587                    |
| 8    | Javelin (Aaws-M) System Summary .....  |                      | 138,405                  | + 138,405                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 138,405                   |
| 9    | Tow 2 System Summary .....   |                      | 107,958                  | + 107,958                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 114,340                   |
|      | Maintain program affordability: Unjustified engineering growth .....                                       |                      |                          | - 6,382                     |
| 10   | Tow 2 System Summary (AP-CY) .....   |                      | 10,500                   | + 10,500                    |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 10,500                    |
| 11   | Guided MLRS Rocket [GMLRS] .....   |                      | 744,810                  | + 744,810                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 797,213                   |
|      | Restoring acquisition accountability: AUR unit cost growth .....   |                      |                          | - 52,403                    |
| 12   | MLRS Reduced Range Practice Rockets [RRPR] .....   |                      | 27,555                   | + 27,555                    |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 27,555                    |
| 14   | Army Tactical Msl Sys [ATACMS] .....   |                      | 170,013                  | + 170,013                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 209,842                   |
|      | Insufficient budget justification: Cost discrepancies between budget briefs and justification materials .. |                      |                          | - 39,829                    |
| 16   | Patriot Mods .....   |                      | 278,716                  | + 278,716                   |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 279,464                   |
|      | Restoring acquisition accountability: RAM mod unit cost growth .....                                       |                      |                          | - 748                       |
| 17   | ATACMS MODS .....  |                      | 85,320                   | + 85,320                    |
|      | Transfer: From Title IX to Title III for base requirements .....   |                      |                          | + 85,320                    |
| 18   | GMLRS MOD .....  |                      | 5,094                    | + 5,094                     |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 5,094                     |
| 19   | Stinger Mods .....   |                      | 81,615                   | + 81,615                    |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 81,615                    |
| 20   | Avenger Mods .....   |                      | 14,107                   | + 14,107                    |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 14,107                    |
| 21   | Itas/Tow Mods .....  |                      | 3,469                    | + 3,469                     |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 3,469                     |
| 22   | MLRS Mods .....  |                      | 39,019                   | + 39,019                    |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 39,019                    |
| 23   | Himars Modifications .....                                       |                      | 12,483                   | + 12,483                    |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 12,483                    |
| 24   | Spares and Repair Parts .....                                    |                      | 26,444                   | + 26,444                    |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 26,444                    |
| 25   | Air Defense Targets .....  |                      | 10,593                   | + 10,593                    |
|      | Transfer: From Title IX to Title III for base requirements ..... |                      |                          | + 10,593                    |

**PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,  
ARMY**

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$4,486,402,000 |
| Budget estimate, 2020 .....    | 4,715,566,000   |
| Committee recommendation ..... | 4,463,582,000   |

The Committee recommends an appropriation of \$4,463,582,000. This is \$251,984,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
|      | PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY |      |                      |      |                          |             |                 |
| 2    | TRACKED COMBAT VEHICLES  | 65   | 264,040              |      | 230,307                  | -6          | -33,733         |
|      | ARMORED MULTI PURPOSE VEHICLE (AMPV)                             |      |                      |      |                          |             |                 |
|      | MODIFICATION OF TRACKED COMBAT VEHICLES                          |      |                      |      |                          |             |                 |
| 3    | STRYKER (MOD)  |      | 144,387              |      | 147,387                  |             | +3,000          |
| 4    | STRYKER UPGRADE  | 152  | 550,000              |      | 513,858                  |             | -36,142         |
| 5    | BRADLEY PROGRAM (MOD)  |      | 638,781              |      | 415,740                  |             | -223,041        |
| 6    | M109 FOV MODIFICATIONS   |      | 25,756               |      | 25,756                   |             |                 |
| 7    | PALADIN PPM MOD IN SERVICE                                       | 53   | 553,425              |      | 553,425                  |             |                 |
| 9    | ASSAULT BRIDGE (MOD)   |      | 2,821                |      | 2,821                    |             |                 |
| 10   | ASSAULT BREACHER VEHICLE   | 6    | 31,697               |      | 31,697                   |             |                 |
| 11   | M88 FOV MODS   |      | 4,500                |      | 4,500                    |             |                 |
| 12   | JOINT ASSAULT BRIDGE   | 44   | 205,517              |      | 205,517                  |             |                 |
| 13   | M1 ABRAMS TANK (MOD)   |      | 348,800              |      | 348,800                  |             |                 |
| 14   | ABRAMS UPGRADE PROGRAM   | 165  | 1,752,784            |      | 1,752,784                |             |                 |
|      | TOTAL, TRACKED COMBAT VEHICLES                                   |      | 4,522,508            |      | 4,232,592                |             | -289,916        |
|      | WEAPONS AND OTHER COMBAT VEHICLES                                |      |                      |      |                          |             |                 |
| 15   | M240 MEDIUM MACHINE GUN (7.62MM)                                 |      | 19,420               |      | 11,600                   |             | +11,600         |
| 16   | MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON                      |      | 20,000               |      | 16,864                   |             | -2,556          |
| 17   | GUN AUTOMATIC 30MM M230  |      | 14,907               |      | 14,085                   |             | -20,000         |
| 19   | MORTAR SYSTEMS   |      | 191                  |      | 191                      |             | -822            |
| 20   | XM320 GRENADE LAUNCHER MODULE (GLM)                              |      | 7,977                |      | 5,747                    |             | -2,230          |
| 21   | PRECISION SNIPER RIFLE   |      | 9,860                |      | 9,860                    |             |                 |
| 22   | COMPACT SEMI-AUTOMATIC SNIPER SYSTEM                             |      | 30,331               |      | 30,331                   |             |                 |
| 23   | CARBINE  |      | 8,060                |      |                          |             |                 |
| 24   | SMALL ARMS—FIRE CONTROL  |      | 24,007               |      | 24,007                   |             | -8,060          |
| 25   | COMMON REMOTELY OPERATED WEAPONS STATION                         |      | 6,174                |      | 6,174                    |             |                 |
| 26   | MODULAR HANDGUN SYSTEM   |      |                      |      |                          |             |                 |
|      | MOD OF WEAPONS AND OTHER COMBAT VEH                              |      |                      |      |                          |             |                 |
| 28   | MK-19 GRENADE MACHINE GUN MODS                                   |      | 3,737                |      | 3,737                    |             |                 |
| 29   | M777 MODS  |      | 2,367                |      | 12,367                   |             | +10,000         |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 30   | M4 CARBINE MODS .....                            |      | 17,595               |      | 17,595                   |             |                 |
| 33   | M240 MEDIUM MACHINE GUN MODS .....               |      | 8,000                |      | 8,000                    |             |                 |
| 34   | SNIPER RIFLES MODIFICATIONS .....                |      | 2,426                |      | 2,426                    |             |                 |
| 35   | M119 MODIFICATIONS .....                         |      | 6,269                |      | 56,269                   |             | + 50,000        |
| 36   | MORTAR MODIFICATION .....                        |      | 1,693                |      | 1,693                    |             |                 |
| 37   | MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) ..... |      | 4,327                |      | 4,327                    |             |                 |
|      | SUPPORT EQUIPMENT AND FACILITIES .....           |      |                      |      |                          |             |                 |
| 38   | ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....         |      | 3,066                |      | 3,066                    |             |                 |
| 39   | PRODUCTION BASE SUPPORT (WOCV-WTCV) .....        |      | 2,651                |      | 2,651                    |             |                 |
|      | TOTAL, WEAPONS AND OTHER COMBAT VEHICLES .....   |      | 193,058              |      | 230,990                  |             | + 37,932        |
|      | TOTAL, PROCUREMENT OF W&TCV, ARMY .....          |      | 4,715,566            |      | 4,463,582                |             | - 251,984       |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 2    | Armored Multi Purpose Vehicle [AMPV] .....                                | 264,040              | 230,307                  | − 33,733                    |
|      | Restoring acquisition accountability: Revised vehicle pricing .....       |                      |                          | − 15,997                    |
|      | Restoring acquisition accountability: Vehicle carryover .....             |                      |                          | − 17,736                    |
| 3    | Stryker (MOD) .....   | 144,387              | 147,387                  | + 3,000                     |
|      | Program increase: Stryker refurbishment kit .....                         |                      |                          | + 3,000                     |
| 4    | Stryker Upgrade .....   | 550,000              | 513,858                  | − 36,142                    |
|      | Improving funds management: Overestimation of ASL requirements .....      |                      |                          | − 9,104                     |
|      | Restoring acquisition accountability: ICVV unit cost growth .....         |                      |                          | − 27,038                    |
| 5    | Bradley Program (MOD) .....   | 638,781              | 415,740                  | − 223,041                   |
|      | Restoring acquisition accountability: Excess to need .....                |                      |                          | − 223,041                   |
| 15   | M240 Medium Machine Gun (7.62MM) .....                                    |                      | 11,600                   | + 11,600                    |
|      | Program increase .....  |                      |                          | + 11,600                    |
| 16   | MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....                       | 19,420               | 16,864                   | − 2,556                     |
|      | Restoring acquisition accountability: Fire control unit cost growth ..... |                      |                          | − 880                       |
|      | Improving funds management: Revised prior-year hardware costs .....       |                      |                          | − 1,676                     |
| 17   | GUN AUTOMATIC 30MM M230 .....   | 20,000               |                          | − 20,000                    |
|      | Restoring acquisition accountability: Army-rescinded requirement .....    |                      |                          | − 20,000                    |
| 19   | Mortar Systems .....  | 14,907               | 14,085                   | − 822                       |
|      | Restoring acquisition accountability: Unit cost growth .....              |                      |                          | − 822                       |
| 21   | Precision Sniper Rifle .....  | 7,977                | 5,747                    | − 2,230                     |
|      | Insufficient budget justification: Unit cost discrepancy .....            |                      |                          | − 2,230                     |
| 24   | Small Arms—Fire Control .....   | 8,060                |                          | − 8,060                     |
|      | Improving funds management: Forward financing fire control contract ..... |                      |                          | − 8,060                     |
| 29   | M777 Mods .....   | 2,367                | 12,367                   | + 10,000                    |
|      | Program increase: Self-propelled 155mm howitzers .....                    |                      |                          | + 10,000                    |
| 35   | M119 Modifications .....  | 6,269                | 56,269                   | + 50,000                    |
|      | Program increase: Lightweight self-propelled 105mm howitzers .....        |                      |                          | + 50,000                    |

*Armored Multi-Purpose Vehicle Reporting Requirement.*—As expressed in the report accompanying the House version of the Department of Defense Appropriations Act, 2017 (House Report 114–577), the Secretary of the Army is required to report quarterly on the cost, schedule, and performance of the Armored Multi-Purpose Vehicle [AMPV] program. The Committee notes that on January 25, 2019, the AMPV program successfully achieved its Milestone C and entry into Low-rate Initial Production. Therefore, the Committee rescinds the reporting requirement as directed to the Secretary of the Army and encourages the Assistant Secretary of the Army for Acquisition, Logistics and Technology to engage the congressional defense committees, outside of the standard program engagements, should changes to the acquisition strategy or significant issues arise.

*Self-Propelled Howitzer.*—The Committee is aware that the Field Artillery Squadron [FA SQDN], 2d Cavalry Regiment [2CR] has identified lethality and mobility capability gaps with the current M777A2 towed howitzer. The towed howitzer’s speed and mobility

limitations during cross-country traversal, along with emplacement and displacement timelines inhibit the FA SQDN’s ability to keep pace with the formation and place the crew’s survival at increased risk during a decisive action scenario against a peer adversary. As a result of these limitations, 2CR submitted an Operational Needs Statement for 24 155mm self-propelled howitzers operating in three batteries. Additionally, citing similar limitations, Forces Command endorsed a Capabilities Needs Statement, originating from the XVIII Airborne Corps, for a Wheeled Self-Propelled 105mm howitzer for employment across select Infantry Brigade Combat Teams [IBCT]. The Committee believes that these requirements support the National Defense Strategy and better enables 2CR and IBCTs to compete with peer adversaries. Therefore, the Committee recommends an additional \$60,000,000 and encourages the Secretary of the Army to rapidly field this critical capability.

PROCUREMENT OF AMMUNITION, ARMY

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$2,276,330,000 |
| Budget estimate, 2020 .....    |                 |
| Committee recommendation ..... | 2,572,771,000   |

The Committee recommends an appropriation of \$2,572,771,000. This is \$2,572,771,000 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.  | 2020 budget estimate | Qty.  | Committee recommendation | Change from |                 |
|------|---|-------|----------------------|-------|--------------------------|-------------|-----------------|
|      |   |       |                      |       |                          | Qty.        | Budget estimate |
|      | AMMUNITION  |       |                      |       |                          |             |                 |
|      | SMALL/MEDIUM CAL AMMUNITION                         |       |                      |       |                          |             |                 |
| 1    | CTG. 5.56MM, ALL TYPES                              | ..... | .....                | ..... | 65,520                   | .....       | + 65,520        |
| 2    | CTG. 7.62MM, ALL TYPES                              | ..... | .....                | ..... | 114,228                  | .....       | + 114,228       |
| 3    | CTG. HANDGUN, ALL TYPES                             | ..... | .....                | ..... | 17,807                   | .....       | + 17,807        |
| 4    | CTG. .50 CAL., ALL TYPES                            | ..... | .....                | ..... | 62,860                   | .....       | + 62,860        |
| 5    | CTG. 20MM, ALL TYPES                                | ..... | .....                | ..... | 35,920                   | .....       | + 35,920        |
| 6    | CTG. 25MM, ALL TYPES                                | ..... | .....                | ..... | 8,990                    | .....       | + 8,990         |
| 7    | CTG. 30MM, ALL TYPES                                | ..... | .....                | ..... | 66,471                   | .....       | + 66,471        |
| 8    | CTG. 40MM, ALL TYPES                                | ..... | .....                | ..... | 103,952                  | .....       | + 103,952       |
|      | MORTAR AMMUNITION                                   |       |                      |       |                          |             |                 |
| 9    | 60MM MORTAR, ALL TYPES                              | ..... | .....                | ..... | 50,580                   | .....       | + 50,580        |
| 10   | 81MM MORTAR, ALL TYPES                              | ..... | .....                | ..... | 61,873                   | .....       | + 61,873        |
| 11   | 120MM MORTAR, ALL TYPES                             | ..... | .....                | ..... | 125,452                  | .....       | + 125,452       |
|      | TANK AMMUNITION                                     |       |                      |       |                          |             |                 |
| 12   | CTG. TANK 105MM AND 120MM: ALL TYPES                | ..... | .....                | ..... | 111,659                  | .....       | + 111,659       |
|      | ARTILLERY AMMUNITION                                |       |                      |       |                          |             |                 |
| 13   | CTG. ARTY. 7.5MM AND 10.5MM: ALL TYPES              | ..... | .....                | ..... | 44,675                   | .....       | + 44,675        |
| 14   | ARTILLERY PROJECTILE, 1.55MM, ALL TYPES             | ..... | .....                | ..... | 231,537                  | .....       | + 231,537       |
| 15   | PROJ. 155MM EXTENDED RANGE XM982                    | ..... | .....                | 441   | 56,027                   | .....       | + 56,027        |
| 16   | ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES | ..... | .....                | ..... | 271,602                  | .....       | + 271,602       |
|      | MINES   |       |                      |       |                          |             |                 |
| 17   | MINES AND CLEARING CHARGES, ALL TYPES               | ..... | .....                | ..... | 38,639                   | .....       | + 38,639        |
|      | ROCKETS   |       |                      |       |                          |             |                 |
| 18   | SHOULDER LAUNCHED MUNITIONS, ALL TYPES              | ..... | .....                | ..... | 67,528                   | .....       | + 67,528        |
| 19   | ROCKET, HYDRA 70, ALL TYPES                         | ..... | .....                | ..... | 175,994                  | .....       | + 175,994       |
|      | OTHER AMMUNITION                                    |       |                      |       |                          |             |                 |
| 20   | CAD/PAD ALL TYPES                                   | ..... | .....                | ..... | 7,595                    | .....       | + 7,595         |
| 21   | DEMOLITION MUNITIONS, ALL TYPES                     | ..... | .....                | ..... | 51,651                   | .....       | + 51,651        |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 22   | GRENADES, ALL TYPES .....                          |      |                      |      | 46,282                   |             | + 46,282        |
| 23   | SIGNALS, ALL TYPES .....                           |      |                      |      | 18,609                   |             | + 18,609        |
| 24   | SIMULATORS, ALL TYPES .....                        |      |                      |      | 16,054                   |             | + 16,054        |
|      | MISCELLANEOUS                                      |      |                      |      |                          |             |                 |
| 25   | AMMO COMPONENTS, ALL TYPES .....                   |      |                      |      | 2,661                    |             | + 2,661         |
| 27   | ITEMS LESS THAN \$5 MILLION .....                  |      |                      |      | 9,213                    |             | + 9,213         |
| 28   | AMMUNITION PECULIAR EQUIPMENT .....                |      |                      |      | 10,044                   |             | + 10,044        |
| 29   | FIRST DESTINATION TRANSPORTATION (AMMO) .....      |      |                      |      | 18,492                   |             | + 18,492        |
|      | TOTAL, AMMUNITION .....                            |      |                      |      | 1,891,915                |             | + 1,891,915     |
|      | AMMUNITION PRODUCTION BASE SUPPORT                 |      |                      |      |                          |             |                 |
|      | PRODUCTION BASE SUPPORT                            |      |                      |      |                          |             |                 |
| 31   | PROVISION OF INDUSTRIAL FACILITIES .....           |      |                      |      | 474,511                  |             | + 474,511       |
| 32   | CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL ..... |      |                      |      | 202,512                  |             | + 202,512       |
| 33   | ARMS INITIATIVE .....                              |      |                      |      | 3,833                    |             | + 3,833         |
|      | TOTAL, AMMUNITION PRODUCTION BASE SUPPORT .....    |      |                      |      | 680,856                  |             | + 680,856       |
|      | TOTAL, PROCUREMENT OF AMMUNITION, ARMY .....       |      |                      |      | 2,572,771                |             | + 2,572,771     |



## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 1    | Ctg, 5.56mm, All Types .....  |                      | 65,520                   | + 65,520                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 68,949                    |
|      | Restoring acquisition accountability: M855A1 Clipped Bulk Pack unit cost growth ..... |                      |                          | - 3,429                     |
| 2    | CTG, 7.62mm, All Types .....  |                      | 114,228                  | + 114,228                   |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 114,228                   |
| 3    | CTG, Handgun, All Types .....   |                      | 17,807                   | + 17,807                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 17,807                    |
| 4    | CTG, .50 Cal, All Types .....   |                      | 62,860                   | + 62,860                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 63,966                    |
|      | Restoring acquisition accountability: Blank, M1A1 w/MP Link unit cost growth .....    |                      |                          | - 1,106                     |
| 5    | CTG, 20mm, All Types .....  |                      | 35,920                   | + 35,920                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 35,920                    |
| 6    | CTG, 25mm, All Types .....  |                      | 8,990                    | + 8,990                     |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 8,990                     |
| 7    | CTG, 30mm, All Types .....  |                      | 66,471                   | + 66,471                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 68,813                    |
|      | Restoring acquisition accountability: TP-T, MK239 Single unit cost growth .....       |                      |                          | - 2,342                     |
| 8    | CTG, 40mm, All Types .....  |                      | 103,952                  | + 103,952                   |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 103,952                   |
| 9    | 60MM Mortar, All Types .....  |                      | 50,580                   | + 50,580                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 50,580                    |
| 10   | 81MM Mortar, All Types .....  |                      | 61,873                   | + 61,873                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 59,373                    |
|      | Program increase: M819 .....  |                      |                          | + 2,500                     |
| 11   | 120MM Mortar, All Types .....   |                      | 125,452                  | + 125,452                   |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 125,452                   |
| 12   | Cartridges, Tank, 105MM and 120MM, All Types .....                                    |                      | 111,659                  | + 111,659                   |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 171,284                   |
|      | Restoring acquisition accountability: HEMP-T XM1147 schedule delay .....              |                      |                          | - 15,002                    |
|      | Restoring acquisition accountability: APFSDS-T M829A4 schedule delay .....            |                      |                          | - 44,623                    |
| 13   | Artillery Cartridges, 75MM & 105MM, All Types .....                                   |                      | 44,675                   | + 44,675                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 44,675                    |
| 14   | Artillery Projectile, 155MM, All Types .....  |                      | 231,537                  | + 231,537                   |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 266,037                   |
|      | Restoring acquisition accountability: M795 IM Metal Part contract delay .....         |                      |                          | - 4,500                     |
|      | Restoring acquisition accountability: XM1113 early to need .....                      |                      |                          | - 30,000                    |
| 15   | Proj 155mm Extended Range M982 .....  |                      | 56,027                   | + 56,027                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 57,434                    |
|      | Restoring acquisition accountability: Product engineering growth .....                |                      |                          | - 1,407                     |
| 16   | Artillery Propellants, Fuzes and Primers, All .....                                   |                      | 271,602                  | + 271,602                   |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 271,602                   |
| 17   | Mines & Clearing Charges, All Types .....   |                      | 38,639                   | + 38,639                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 55,433                    |
|      | Restoring acquisition accountability: APOBS contract award delays .....               |                      |                          | - 16,194                    |
|      | Restoring acquisition accountability: FUZE PD M739 Series unit cost discrepancy ..... |                      |                          | - 600                       |
| 18   | Shoulder Launched Munitions, All Types .....  |                      | 67,528                   | + 67,528                    |
|      | Transfer: From Title IX to Title III for base requirements ....                       |                      |                          | + 74,878                    |
|      | Restoring acquisition accountability: BDM program delays .....                        |                      |                          | - 14,550                    |
|      | Program increase: AT4CS Tandem Warhead .....  |                      |                          | + 7,200                     |
| 19   | Rocket, Hydra 70, All Types .....   |                      | 175,994                  | + 175,994                   |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 175,994                   |
| 20   | CAD/PAD, All Types .....   |                      | 7,595                    | + 7,595                     |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 7,595                     |
| 21   | Demolition Munitions, All Types .....  |                      | 51,651                   | + 51,651                    |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 51,651                    |
| 22   | Grenades, All Types .....  |                      | 46,282                   | + 46,282                    |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 40,592                    |
|      | Restoring acquisition accountability: XM111 offensive hand grenade early to need ..... |                      |                          | - 2,310                     |
|      | Program increase .....   |                      |                          | + 8,000                     |
| 23   | Signals, All Types .....   |                      | 18,609                   | + 18,609                    |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 18,609                    |
| 24   | Simulators, All Types .....  |                      | 16,054                   | + 16,054                    |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 16,054                    |
| 25   | Ammo Components, All Types .....   |                      | 2,661                    | + 2,661                     |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 5,261                     |
|      | Improving Funds Management: Prior year carryover .....                                 |                      |                          | - 2,600                     |
| 26   | Non-Lethal Ammunition, All Types   |                      |                          |                             |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 715                       |
|      | Improving Funds Management: Prior year carryover .....                                 |                      |                          | - 715                       |
| 27   | Items Less Than \$5 Million (AMMO) .....   |                      | 9,213                    | + 9,213                     |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 9,213                     |
| 28   | Ammunition Peculiar Equipment .....  |                      | 10,044                   | + 10,044                    |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 10,044                    |
| 29   | First Destination Transportation (AMMO) .....  |                      | 18,492                   | + 18,492                    |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 18,492                    |
| 30   | Closeout Liabilities .....   |                      |                          |                             |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 99                        |
|      | Improving Funds Management: Prior year carryover .....                                 |                      |                          | - 99                        |
| 31   | Industrial Facilities .....  |                      | 474,511                  | + 474,511                   |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 474,511                   |
| 32   | Conventional Munitions Demilitarization .....  |                      | 202,512                  | + 202,512                   |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 202,512                   |
| 33   | Arms Initiative .....  |                      | 3,833                    | + 3,833                     |
|      | Transfer: From Title IX to Title III for base requirements ....                        |                      |                          | + 3,833                     |

## OTHER PROCUREMENT, ARMY

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$7,844,691,000 |
| Budget estimate, 2020 .....    | 7,443,101,000   |
| Committee recommendation ..... | 7,220,947,000   |

The Committee recommends an appropriation of \$7,220,947,000. This is \$222,154,000 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.  | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|-------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |       |                      |      |                          | Qty.        | Budget estimate |
|      | <b>OTHER PROCUREMENT, ARMY</b>                            |       |                      |      |                          |             |                 |
|      | TACTICAL AND SUPPORT VEHICLES                             |       |                      |      |                          |             |                 |
|      | TACTICAL VEHICLES   |       |                      |      |                          |             |                 |
| 1    | TACTICAL TRAILERS/DOLLY SETS .....                        |       | 12,993               |      | 12,993                   |             |                 |
| 2    | SEMITRAILERS, FLATBED .....                               |       | 102,386              |      | 102,386                  |             |                 |
| 3    | HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV) ..... |       | 127,271              |      | 127,271                  |             |                 |
| 4    | GROUND MOBILITY VEHICLES (GMV) .....                      |       | 37,038               |      | 37,038                   |             |                 |
| 6    | JOINT LIGHT TACTICAL VEHICLE .....                        | 2,530 | 996,007              |      | 972,407                  |             | -23,600         |
| 7    | TRUCK, DUMP, 20t (CCE) .....                              |       | 10,838               |      | 10,838                   |             |                 |
| 8    | FAMILY OF MEDIUM TACTICAL VEH [FMTV] .....                |       | 72,057               |      | 138,057                  |             | +66,000         |
| 9    | FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT .....      |       | 28,048               |      | 25,037                   |             | -3,011          |
| 10   | FAMILY OF HEAVY TACTICAL VEHICLES [FHTV] .....            |       | 9,969                |      | 9,969                    |             |                 |
| 11   | PLS ESP .....   |       | 6,280                |      | 6,280                    |             |                 |
| 12   | HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....       |       | 30,841               |      | 95,185                   |             | +64,344         |
| 13   | HMMWV RECAPITALIZATION PROGRAM .....                      |       | 5,734                |      | 5,734                    |             |                 |
| 14   | TACTICAL WHEELED VEHICLE PROTECTION KITS .....            |       | 45,113               |      | 45,113                   |             |                 |
| 15   | MODIFICATION OF IN SVC EQUIP .....                        |       | 58,946               |      | 57,112                   |             | -1,834          |
|      | NON-TACTICAL VEHICLES                                     |       |                      |      |                          |             |                 |
| 17   | HEAVY ARMORED SEDAN .....                                 |       | 791                  |      | 791                      |             |                 |
| 18   | PASSENGER CARRYING VEHICLES .....                         |       | 1,416                |      | 1,416                    |             |                 |
| 19   | NONTACTICAL VEHICLES, OTHER .....                         |       | 29,891               |      | 28,804                   |             | -1,087          |
|      | TOTAL, TACTICAL AND SUPPORT VEHICLES .....                |       | 1,575,619            |      | 1,676,431                |             | +100,812        |
|      | COMMUNICATIONS AND ELECTRONICS EQUIPMENT                  |       |                      |      |                          |             |                 |
|      | COMM—JOINT COMMUNICATIONS                                 |       |                      |      |                          |             |                 |
| 21   | SIGNAL MODERNIZATION PROGRAM .....                        |       | 153,933              |      | 133,913                  |             | -20,020         |
| 22   | TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE .....          |       | 387,439              |      | 351,139                  |             | -36,300         |
| 23   | SITUATION INFORMATION TRANSPORT .....                     |       | 46,693               |      | 46,693                   |             |                 |
| 25   | JCSF EQUIPMENT (USREDCOM) .....                           |       | 5,075                |      | 5,075                    |             |                 |
|      | COMM—SATELLITE COMMUNICATIONS                             |       |                      |      |                          |             |                 |
| 28   | DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....          |       | 101,189              |      | 101,189                  |             |                 |

[Dollars in thousands]

| Line | Item  | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
| 29   | TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS ..... |      | 77,141               |      | 99,641                   |             | + 22,500        |
| 30   | SHF TERM .....                                      |      | 16,054               |      | 16,054                   |             |                 |
| 31   | ASSURED POSITIONING, NAVIGATION AND TIMING .....    |      | 41,074               |      | 31,674                   |             | - 9,400         |
| 32   | SMART-I (SPACE) .....                               |      | 10,515               |      | 10,515                   |             |                 |
| 33   | GLOBAL BRODCST SVC—GBS .....                        |      | 11,800               |      | 11,800                   |             |                 |
| 34   | ENROUTE MISSION COMMAND (EMC) .....                 |      | 8,609                |      | 8,609                    |             |                 |
|      | COMM—C3 SYSTEM .....                                |      |                      |      |                          |             |                 |
| 38   | COE TACTICAL SERVER INFRASTRUCTURE (TSI) .....      |      | 77,533               |      | 31,672                   |             | - 45,861        |
|      | COMM—COMBAT COMMUNICATIONS .....                    |      |                      |      |                          |             |                 |
| 39   | HANDHELD MANPACK SMALL FORM FIT (HMS) .....         |      | 468,026              |      | 468,026                  |             |                 |
| 40   | RADIO TERMINAL SET, MIDS LVT(2) .....               |      | 23,778               |      | 23,778                   |             |                 |
| 44   | SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE ..... |      | 10,930               |      | 10,930                   |             |                 |
| 46   | UNIFIED COMMAND SUITE .....                         |      | 18,291               |      | 18,291                   |             |                 |
| 47   | COTS COMMUNICATIONS EQUIPMENT .....                 |      | 55,630               |      | 55,630                   |             | + 9,000         |
| 48   | FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....   |      | 16,590               |      | 16,590                   |             |                 |
| 49   | ARMY COMMUNICATIONS & ELECTRONICS .....             |      | 43,457               |      | 37,856                   |             | - 5,601         |
|      | COMM—INTELLIGENCE COMM .....                        |      |                      |      |                          |             |                 |
| 50   | CI AUTOMATION ARCHITECTURE (MPI) .....              |      | 10,470               |      | 10,470                   |             |                 |
| 51   | DEFENSE MILITARY DECEPTION INITIATIVE .....         |      | 3,704                |      | 3,704                    |             |                 |
|      | INFORMATION SECURITY .....                          |      |                      |      |                          |             |                 |
| 53   | FAMILY OF BIOMETRICS .....                          |      | 1,000                |      | 1,000                    |             |                 |
| 54   | INFORMATION SYSTEM SECURITY PROGRAM—ISSP .....      |      | 3,600                |      | 3,600                    |             |                 |
| 55   | COMMUNICATIONS SECURITY (COMSEC) .....              |      | 160,899              |      | 147,097                  |             | - 13,802        |
| 56   | DEFENSIVE CYBER OPERATIONS .....                    |      | 61,962               |      | 56,962                   |             | - 5,000         |
| 57   | INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITOR .....  |      | 756                  |      | 756                      |             |                 |
| 58   | PERSISTENT CYBER TRAINING ENVIRONMENT .....         |      | 3,000                |      | 3,000                    |             |                 |
|      | COMM—LONG HAUL COMMUNICATIONS .....                 |      |                      |      |                          |             |                 |
| 59   | BASE SUPPORT COMMUNICATIONS .....                   |      | 31,770               |      | 31,770                   |             |                 |
|      | COMM—BASE COMMUNICATIONS .....                      |      |                      |      |                          |             |                 |
| 60   | INFORMATION SYSTEMS .....                           |      | 159,009              |      | 159,009                  |             |                 |
| 61   | EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....    |      | 4,854                |      | 4,854                    |             |                 |

|     |  |         |         |         |         |           |
|-----|--|---------|---------|---------|---------|-----------|
| 62  | HOME STATION MISSION COMMAND CENTERS (MSMCC)   | 47,174  | 47,174  | 47,174  | 47,174  | .....     |
| 63  | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM   | 297,994 | 297,994 | 297,994 | 297,994 | .....     |
|     | ELECT EQUIP                                    |         |         |         |         |           |
|     | ELECT EQUIP—TACT INT REL ACT (TIARA)           |         |         |         |         |           |
| 66  | JTT/SIBS—M [MIP]                               | 7,686   | 7,686   | 7,686   | 7,686   | .....     |
| 68  | DCGS-A [MIP]                                   | 180,350 | 180,350 | 146,568 | 146,568 | — 33,782  |
| 70  | TROJAN [MIP]                                   | 17,368  | 17,368  | 17,368  | 17,368  | .....     |
| 71  | MOD OF IN-SVC EQUIP (INTEL SPT) [MIP]          | 59,052  | 59,052  | 59,052  | 59,052  | .....     |
|     | ELECT EQUIP—ELECTRONIC WARFARE (EW)            |         |         |         |         |           |
| 77  | LIGHTWEIGHT COUNTER MORTAR RADAR               | 5,400   | 5,400   | 5,400   | 5,400   | .....     |
| 78  | EW PLANNING AND MANAGEMENT TOOLS               | 7,568   | 7,568   | 7,568   | 7,568   | .....     |
| 79  | AIR VIGILANCE (AV)                             | 8,953   | 8,953   | 8,953   | 8,953   | .....     |
| 81  | MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST  | 6,420   | 6,420   | 6,420   | 6,420   | .....     |
| 83  | COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES   | 501     | 501     | 501     | 501     | .....     |
| 84  | CI MODERNIZATION [MIP]                         | 121     | 121     | 121     | 121     | .....     |
|     | ELECT EQUIP—TACTICAL SURV. (TAC SURV)          |         |         |         |         |           |
| 85  | SENTINEL MODS                                  | 115,210 | 115,210 | 115,210 | 115,210 | .....     |
| 86  | NIGHT VISION DEVICES                           | 236,604 | 236,604 | 64,017  | 64,017  | — 172,587 |
| 88  | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF      | 22,623  | 22,623  | 22,623  | 22,623  | .....     |
| 90  | INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS     | 29,127  | 29,127  | 29,127  | 29,127  | .....     |
| 91  | FAMILY OF WEAPON SIGHTS (FWS)                  | 120,883 | 120,883 | 81,541  | 81,541  | — 39,342  |
| 94  | JOINT BATTLE COMMAND—PLATFORM [JBC-P]          | 265,667 | 265,667 | 256,546 | 256,546 | — 9,121   |
| 95  | JOINT EFFECTS TARGETING SYSTEM (JETS)          | 69,720  | 69,720  | 69,720  | 69,720  | .....     |
| 96  | MOD OF IN-SERVICE EQUIPMENT (LLDR)             | 6,044   | 6,044   | 6,044   | 6,044   | .....     |
| 97  | COMPUTER BALLISTICS: LHMCB XM32                | 3,268   | 3,268   | 3,268   | 3,268   | .....     |
| 98  | MORTAR FIRE CONTROL SYSTEM                     | 13,199  | 13,199  | 13,199  | 13,199  | .....     |
| 99  | MORTAR FIRE CONTROL SYSTEM MODIFICATIONS       | 10,000  | 10,000  | 10,000  | 10,000  | .....     |
| 100 | COUNTERFIRE RADARS                             | 16,416  | 16,416  | 16,416  | 16,416  | .....     |
|     | ELECT EQUIP—TACTICAL C2 SYSTEMS                |         |         |         |         |           |
| 102 | FIRE SUPPORT C2 FAMILY                         | 13,197  | 13,197  | 13,197  | 13,197  | .....     |
| 103 | AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD) | 24,730  | 24,730  | 24,730  | 24,730  | .....     |
| 104 | LAND BATTLE COMMAND SYSTEM                     | 29,629  | 29,629  | 22,000  | 22,000  | — 7,629   |
| 105 | LIFE CYCLE SOFTWARE SUPPORT (LCSS)             | 6,774   | 6,774   | 6,774   | 6,774   | .....     |
| 106 | NETWORK MANAGEMENT INITIALIZATION AND SERVICE  | 24,448  | 24,448  | 24,448  | 24,448  | .....     |
| 107 | MANEUVER CONTROL SYSTEM (MCS)                  | 260     | 260     | 260     | 260     | .....     |
| 108 | GLOBAL COMBAT SUPPORT SYSTEM—ARMY              | 17,962  | 17,962  | 8,815   | 8,815   | — 9,147   |
| 109 | INTEGRATED PERSONNEL AND PAY SYSTEM—ARMY       | 18,674  | 18,674  | 8,287   | 8,287   | — 10,387  |
| 110 | RECONNAISSANCE AND SURVEYING INSTRUMENT SET    | 11,000  | 11,000  | 11,000  | 11,000  | .....     |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 111  | MOD OF IN-SERVICE EQUIPMENT (ENFIRE) .....             |      | 7,317                |      | 7,317                    |             |                 |
|      | ELECT EQUIP—AUTOMATION .....                           |      |                      |      |                          |             |                 |
| 112  | ARMY TRAINING MODERNIZATION .....                      |      | 14,578               |      | 14,578                   |             |                 |
| 113  | AUTOMATED DATA PROCESSING EQUIPMENT .....              |      | 139,342              |      | 128,542                  |             | -10,800         |
| 114  | GENERAL FUND ENTERPRISE BUSINESS SYSTEM .....          |      | 15,802               |      | 15,802                   |             |                 |
| 115  | HIGH PERF COMPUTING MOD PROGRAM .....                  |      | 67,610               |      | 87,610                   |             | +20,000         |
| 116  | CONTRACT WRITING SYSTEM .....                          |      | 15,000               |      | 6,000                    |             | -9,000          |
| 117  | CSS COMMUNICATIONS .....                               |      | 24,700               |      | 24,700                   |             |                 |
| 118  | RESERVE COMPONENT AUTOMATION SYS (RCAS) .....          |      | 27,879               |      | 27,879                   |             |                 |
|      | ELECT EQUIP—AUDIO VISUAL SYS (AV) .....                |      |                      |      |                          |             |                 |
| 120  | ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....       |      | 5,000                |      | 5,000                    |             |                 |
|      | ELECT EQUIP—SUPPORT .....                              |      |                      |      |                          |             |                 |
| 122  | BCT EMERGING TECHNOLOGIES .....                        |      | 22,302               |      |                          |             | -22,302         |
|      | TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT .....  |      | 4,039,333            |      | 3,624,332                |             | -415,001        |
|      | OTHER SUPPORT EQUIPMENT .....                          |      |                      |      |                          |             |                 |
|      | CHEMICAL DEFENSIVE EQUIPMENT .....                     |      |                      |      |                          |             |                 |
| 126  | CBRN DEFENSE .....                                     |      | 25,828               |      | 22,607                   |             | -3,221          |
| 127  | SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM) .....     |      | 5,050                |      | 5,050                    |             |                 |
|      | BRIDGING EQUIPMENT .....                               |      |                      |      |                          |             |                 |
| 128  | TACTICAL BRIDGING .....                                |      | 59,821               |      | 59,821                   |             |                 |
| 129  | TACTICAL BRIDGE, FLOAT—RIBBON .....                    |      | 57,661               |      | 57,661                   |             |                 |
| 130  | BRIDGE SUPPLEMENTAL SET .....                          |      | 17,966               |      | 17,966                   |             |                 |
| 131  | COMMON BRIDGE TRANSPORTER RECAP .....                  |      | 43,155               |      | 43,155                   |             |                 |
|      | ENGINEER (NON-CONSTRUCTION) EQUIPMENT .....            |      |                      |      |                          |             |                 |
| 132  | HANDHELD STANDOFF MINEFIELD DETECTION SYS—HST .....    |      | 7,570                |      | 7,570                    |             |                 |
| 133  | GROUND STANDOFF MINE DETECTION SYSTEM [GSTAMIDS] ..... |      | 37,025               |      | 37,025                   |             |                 |
| 135  | HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....            |      | 83,082               |      | 76,897                   |             | -6,185          |
| 136  | ROBOTIC COMBAT SUPPORT SYSTEM .....                    |      | 2,000                |      | 2,000                    |             |                 |
| 137  | EOD ROBOTICS SYSTEMS RECAPITALIZATION .....            |      | 23,115               |      | 23,115                   |             |                 |
| 138  | ROBOTICS AND APPLIQUE SYSTEMS .....                    |      | 101,056              |      | 99,037                   |             | -2,019          |

|     |   |         |         |       |       |          |
|-----|---|---------|---------|-------|-------|----------|
| 140 | RENDER SAFE SETS KITS OUTFITS .....                 | 18,684  | 18,684  | ..... | ..... | .....    |
| 142 | FAMILY OF BOATS AND MOTORS .....                    | 8,245   | 8,245   | ..... | ..... | .....    |
|     | COMBAT SERVICE SUPPORT EQUIPMENT                    |         |         |       |       |          |
| 143 | HEATERS AND ECUS .....                              | 7,336   | 7,336   | ..... | ..... | .....    |
| 145 | PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....      | 4,281   | 4,281   | ..... | ..... | .....    |
| 146 | GROUND SOLDIER SYSTEM .....                         | 111,955 | 114,505 | ..... | ..... | + 2,550  |
| 147 | MOBILE SOLDIER POWER .....                          | 31,364  | 29,943  | ..... | ..... | - 1,421  |
| 148 | FORCE PROVIDER .....                                | .....   | 12,000  | ..... | ..... | + 12,000 |
| 149 | FIELD FEEDING EQUIPMENT .....                       | 1,673   | 15,973  | ..... | ..... | + 14,300 |
| 150 | CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM ..... | 43,622  | 39,170  | ..... | ..... | - 4,452  |
| 151 | FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....   | 11,451  | 11,451  | ..... | ..... | .....    |
| 152 | ITEMS LESS THAN \$5M (ENG SPT) .....                | 5,167   | 4,128   | ..... | ..... | - 1,039  |
|     | PETROLEUM EQUIPMENT                                 |         |         |       |       |          |
| 154 | DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....       | 74,867  | 72,118  | ..... | ..... | - 2,749  |
|     | MEDICAL EQUIPMENT                                   |         |         |       |       |          |
| 155 | COMBAT SUPPORT MEDICAL .....                        | 68,225  | 89,831  | ..... | ..... | + 21,606 |
|     | MAINTENANCE EQUIPMENT                               |         |         |       |       |          |
| 156 | MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....          | 55,053  | 80,053  | ..... | ..... | + 25,000 |
| 157 | ITEMS LESS THAN \$5.0M (MAINT EQ) .....             | 5,608   | 5,608   | ..... | ..... | .....    |
|     | CONSTRUCTION EQUIPMENT                              |         |         |       |       |          |
| 161 | HYDRAULIC EXCAVATOR .....                           | 500     | 500     | ..... | ..... | .....    |
| 162 | TRACTOR, FULL TRACKED .....                         | 4,835   | 4,835   | ..... | ..... | .....    |
| 163 | ALL TERRAIN CRANES .....                            | 23,936  | 23,003  | ..... | ..... | - 933    |
| 164 | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS .....   | 27,188  | 27,188  | ..... | ..... | .....    |
| 166 | CONST EQUIP ESP .....                               | 34,790  | 34,790  | ..... | ..... | .....    |
| 167 | ITEMS LESS THAN \$5.0M (CONST EQUIP) .....          | 4,381   | 4,381   | ..... | ..... | .....    |
|     | RAIL FLOAT CONTAINERIZATION EQUIPMENT               |         |         |       |       |          |
| 168 | ARMY WATERCRAFT ESP .....                           | 35,194  | 35,194  | ..... | ..... | .....    |
| 169 | MANEUVER SUPPORT VESSEL (MSV) .....                 | 14,185  | .....   | ..... | ..... | - 14,185 |
| 170 | ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....           | 6,920   | 6,920   | ..... | ..... | .....    |
|     | GENERATORS  |         |         |       |       |          |
| 171 | GENERATORS AND ASSOCIATED EQUIPMENT .....           | 58,566  | 111,040 | ..... | ..... | + 52,474 |
| 172 | TACTICAL ELECTRIC POWER RECAPITALIZATION .....      | 14,814  | 14,814  | ..... | ..... | .....    |
|     | MATERIAL HANDLING EQUIPMENT                         |         |         |       |       |          |
| 173 | FAMILY OF FORKLIFTS .....                           | 14,864  | 13,864  | ..... | ..... | - 1,000  |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 174  | TRAINING EQUIPMENT                                   |      |                      |      |                          |             |                 |
|      | COMBAT TRAINING CENTERS SUPPORT .....                |      | 123,411              |      | 123,411                  |             |                 |
| 175  | TRAINING DEVICES, NONSYSTEM .....                    |      | 220,707              |      | 207,748                  |             | -12,959         |
| 176  | SYNTHETIC TRAINING ENVIRONMENT (STE) .....           |      | 20,749               |      |                          |             | -20,749         |
| 178  | AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA) ..... |      | 4,840                |      | 4,840                    |             |                 |
| 179  | GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....  |      | 15,463               |      | 15,463                   |             |                 |
|      | TEST MEASURE AND DIG EQUIPMENT [TMD]                 |      |                      |      |                          |             |                 |
| 180  | CALIBRATION SETS EQUIPMENT .....                     |      | 3,030                |      | 3,030                    |             |                 |
| 181  | INTEGRATED FAMILY OF TEST EQUIPMENT [IFTE] .....     |      | 76,980               |      | 76,980                   |             |                 |
| 182  | TEST EQUIPMENT MODERNIZATION [TEMOD] .....           |      | 16,415               |      | 15,132                   |             | -1,283          |
|      | OTHER SUPPORT EQUIPMENT                              |      |                      |      |                          |             |                 |
| 184  | RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....      |      | 9,877                |      | 9,877                    |             |                 |
| 185  | PHYSICAL SECURITY SYSTEMS (OPAS) .....               |      | 82,158               |      | 78,958                   |             | -3,200          |
| 186  | BASE LEVEL COM'L EQUIPMENT .....                     |      | 15,340               |      | 15,340                   |             |                 |
| 187  | MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....       |      | 50,458               |      | 63,458                   |             | +13,000         |
| 189  | BUILDING, PRE-FAB, RELOCATABLE .....                 |      | 14,400               |      | 32,700                   |             | +18,300         |
| 190  | SPECIAL EQUIPMENT FOR USER TESTING .....             |      | 9,821                |      | 9,821                    |             |                 |
|      | TOTAL, OTHER SUPPORT EQUIPMENT .....                 |      | 1,814,682            |      | 1,898,517                |             | +83,835         |
| 192  | INITIAL SPARES—C&E .....                             |      | 9,757                |      | 9,757                    |             |                 |
| 999  | CLASSIFIED PROGRAMS .....                            |      | 3,710                |      | 11,910                   |             | +8,200          |
|      | TOTAL, OTHER PROCUREMENT, ARMY .....                 |      | 7,443,101            |      | 7,220,947                |             | -222,154        |



## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 6    | Joint Light Tactical Vehicle .....  | 996,007              | 972,407                  | - 23,600                    |
|      | Restoring acquisition accountability: Revised TADSS acquisition strategy .....                                      |                      |                          | - 19,100                    |
|      | Transfer: Army-requested transfer to RDT&E Line 169 .....   |                      |                          | - 4,500                     |
| 8    | Family of Medium Tactical Veh [FMTV] .....  | 72,057               | 138,057                  | + 66,000                    |
|      | Program increase .....  |                      |                          | + 66,000                    |
| 9    | Firetrucks & Associated Firefighting Equip .....  | 28,048               | 25,037                   | - 3,011                     |
|      | Improving funds management: Requirements previously funded .....  |                      |                          | - 3,011                     |
| 12   | Hvy Expanded Mobile Tactical Truck Ext Serv .....   | 30,841               | 95,185                   | + 64,344                    |
|      | Program increase .....  |                      |                          | + 64,344                    |
| 15   | Modification of In Svc Equip .....  | 58,946               | 57,112                   | - 1,834                     |
|      | Improving funds management: Program management carryover .....  |                      |                          | - 1,834                     |
| 19   | Nontactical Vehicles, Other .....   | 29,891               | 28,804                   | - 1,087                     |
|      | Restoring acquisition accountability: Unit cost growth .....  |                      |                          | - 1,087                     |
| 21   | Signal Modernization Program .....  | 153,933              | 133,913                  | - 20,020                    |
|      | Restoring acquisition accountability: TROPO delay .....   |                      |                          | - 20,020                    |
| 22   | Tactical Network Technology Mod In Svc .....  | 387,439              | 351,139                  | - 36,300                    |
|      | Restoring acquisition accountability: SATCOM obsolescence-Satellite Transportable Terminals previously funded ..... |                      |                          | - 36,300                    |
| 29   | Transportable Tactical Command Communications .....   | 77,141               | 99,641                   | + 22,500                    |
|      | Program increase .....  |                      |                          | + 22,500                    |
| 31   | Assured Positioning, Navigation and Timing .....  | 41,074               | 31,674                   | - 9,400                     |
|      | Reduce duplication: Dismounted support funded in RDT&E,A .....  |                      |                          | - 2,000                     |
|      | Restoring acquisition accountability: Pseudolite program termination .....  |                      |                          | - 7,400                     |
| 38   | COE Tactical Server Infrastructure [TSI] .....  | 77,533               | 31,672                   | - 45,861                    |
|      | Restoring acquisition accountability: TSI acquisition strategy .....  |                      |                          | - 45,861                    |
| 46   | Unified Command Suite .....   | 9,291                | 18,291                   | + 9,000                     |
|      | Program increase .....  |                      |                          | + 9,000                     |
| 49   | Army Communications & Electronics .....   | 43,457               | 37,856                   | - 5,601                     |
|      | Classified adjustment .....   |                      |                          | - 5,601                     |
| 55   | Communications Security [COMSEC] .....  | 160,899              | 147,097                  | - 13,802                    |
|      | Insufficient budget justification: INE quantity discrepancies .....   |                      |                          | - 9,867                     |
|      | Insufficient budget justification: Secure voice quantity discrepancies .....  |                      |                          | - 3,935                     |
| 56   | Defensive CYBER Operations .....  | 61,962               | 56,962                   | - 5,000                     |
|      | Restoring acquisition accountability: Unjustified request-Rapid prototyping fund .....                              |                      |                          | - 2,000                     |
|      | Insufficient budget justification: Inconsistent justification material .....  |                      |                          | - 3,000                     |
| 68   | DCGS-A (MIP) .....  | 180,350              | 146,568                  | - 33,782                    |
|      | Improving funds management: Capability drop 1 software previously funded .....                                      |                      |                          | - 33,782                    |
| 81   | Multi-Function Electronic Warfare [MFEW] Syst .....   | 6,420                |                          | - 6,420                     |
|      | Improving funds management: Early to need .....   |                      |                          | - 6,420                     |
| 86   | Night Vision Devices .....  | 236,604              | 64,017                   | - 172,587                   |
|      | Restoring acquisition accountability: ENVG-B ONS excess to need .....   |                      |                          | - 64,344                    |
|      | Restoring acquisition accountability: ENVG-B program of record unit cost growth .....                               |                      |                          | - 35,018                    |
|      | Restoring acquisition accountability: IVAS early to need .....  |                      |                          | - 76,225                    |
|      | Program increase: Digital night vision test devices .....   |                      |                          | + 3,000                     |
| 91   | Family of Weapon Sights [FWS] .....   | 120,883              | 81,541                   | - 39,342                    |

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
|      | Restoring acquisition accountability: FWS-CS program delay ....                       |                      |                          | - 39,342                    |
| 94   | Joint Battle Command—Platform [JBC-P] .....   | 265,667              | 256,546                  | - 9,121                     |
|      | Maintain program affordability: Unjustified fielding growth .....                     |                      |                          | - 3,653                     |
|      | Maintain program affordability: Unjustified ancillary equipment growth .....          |                      |                          | - 5,468                     |
| 104  | IAMD Battle Command System .....  | 29,629               | 22,000                   | - 7,629                     |
|      | Improving funds management: Ahead of need .....                                       |                      |                          | - 7,629                     |
| 108  | Global Combat Support System—Army [GCSS-A] .....                                      | 17,962               | 8,815                    | - 9,147                     |
|      | Improving funds management: Forward financing increment 2 fielding .....              |                      |                          | - 9,147                     |
| 109  | Integrated Personnel and Pay System—Army [IPPS-A] .....                               | 18,674               | 8,287                    | - 10,387                    |
|      | Restoring acquisition accountability: Release 3 ahead of need .....                   |                      |                          | - 5,813                     |
|      | Restoring acquisition accountability: Excess to requirements .....                    |                      |                          | - 4,574                     |
| 113  | Automated Data Processing Equip .....   | 139,342              | 128,542                  | - 10,800                    |
|      | Improving funds management: Accessions Information Environment early to need .....    |                      |                          | - 10,000                    |
|      | Restoring acquisition accountability: GFEBs unjustified growth .....                  |                      |                          | - 800                       |
| 115  | High Perf Computing Mod Pgm [HPCMP] .....   | 67,610               | 87,610                   | + 20,000                    |
|      | Program increase: Virtual prototyping .....   |                      |                          | + 20,000                    |
| 116  | Contract Writing System .....   | 15,000               | 6,000                    | - 9,000                     |
|      | Improving funds management: Forward financing license requirements .....              |                      |                          | - 9,000                     |
| 122  | BCT Emerging Technologies .....   | 22,302               |                          | - 22,302                    |
|      | Insufficient budget justification: Lack of defined requirements .....                 |                      |                          | - 22,302                    |
| 126  | CBRN Defense .....  | 25,828               | 22,607                   | - 3,221                     |
|      | Restoring acquisition accountability: MRDS Unit cost savings .....                    |                      |                          | - 3,221                     |
| 135  | Husky Mounted Detection System [HMDS] .....   | 83,082               | 76,897                   | - 6,185                     |
|      | Insufficient budget justification: GPR unit cost savings ...                          |                      |                          | - 6,185                     |
| 138  | Robotics and Applique Systems .....   | 101,056              | 99,037                   | - 2,019                     |
|      | Restoring acquisition accountability: MTRS requirement previously funded .....        |                      |                          | - 2,019                     |
| 146  | Ground Soldier System .....   | 111,955              | 114,505                  | + 2,550                     |
|      | Improving funds management: Sustainment support carryover .....                       |                      |                          | - 4,950                     |
|      | Program increase: Fire detection .....  |                      |                          | + 7,500                     |
| 147  | Mobile Soldier Power .....  | 31,364               | 29,943                   | - 1,421                     |
|      | Restoring acquisition accountability: UBC unit cost growth .....                      |                      |                          | - 1,421                     |
| 148  | Force Provider .....  |                      | 12,000                   | + 12,000                    |
|      | Program Increase: Expeditionary shelter protection system .....                       |                      |                          | + 12,000                    |
| 149  | Field Feeding Equipment .....   | 1,673                | 15,973                   | + 14,300                    |
|      | Program increase: Multi-temperature refrigerated container system .....               |                      |                          | + 14,300                    |
| 150  | Cargo Aerial Del & Personnel Parachute System .....                                   | 43,622               | 39,170                   | - 4,452                     |
|      | Restoring acquisition accountability: MC-6 unit cost adjustments .....                |                      |                          | - 4,452                     |
| 152  | Items Less Than \$5M (Eng Spt) .....  | 5,167                | 4,128                    | - 1,039                     |
|      | Maintain program affordability: Unjustified management growth .....                   |                      |                          | - 1,039                     |
| 154  | Distribution Systems, Petroleum & Water .....   | 74,867               | 72,118                   | - 2,749                     |
|      | Restoring acquisition accountability: HIPPO unit cost growth .....                    |                      |                          | - 1,249                     |
|      | Restoring acquisition accountability: Unjustified MTRS data growth .....              |                      |                          | - 1,500                     |
| 155  | Combat Support Medical .....  | 68,225               | 89,831                   | + 21,606                    |
|      | Maintain program affordability: Laboratory science equipment unjustified growth ..... |                      |                          | - 3,394                     |
|      | Program increase: Enhanced rotary wing medical kits .....                             |                      |                          | + 15,000                    |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Program increase: Enhanced vehicle medical kits .....  |                      |                          | + 10,000                    |
| 156  | Mobile Maintenance Equipment Systems .....   | 55,053               | 80,053                   | + 25,000                    |
|      | Program increase: Next generation shop equipment .....   |                      |                          | + 25,000                    |
| 163  | All Terrain Cranes .....   | 23,936               | 23,003                   | - 933                       |
|      | Restoring acquisition accountability: Unit cost growth .....                                     |                      |                          | - 933                       |
| 169  | Maneuver Support Vessel [MSV] .....  | 14,185               |                          | - 14,185                    |
|      | Improving funds management: TADDS early to need .....  |                      |                          | - 14,185                    |
| 171  | Generators and Associated Equip .....  | 58,566               | 111,040                  | + 52,474                    |
|      | Program increase: Advanced Medium Mobile Power Sources .....                                     |                      |                          | + 52,474                    |
| 173  | Family of Forklifts .....  | 14,864               | 13,864                   | - 1,000                     |
|      | Maintain program affordability: Unjustified fielding growth .....                                |                      |                          | - 1,000                     |
| 175  | Training Devices, Nonsystem .....  | 220,707              | 207,748                  | - 12,959                    |
|      | Restoring acquisition accountability: V-TESS unit cost growth .....                              |                      |                          | - 2,429                     |
|      | Maintain program affordability: Unjustified JPMRC growth   |                      |                          | - 6,170                     |
|      | Maintain program affordability: Unjustified NSTD furniture and fixtures growth .....             |                      |                          | - 4,360                     |
| 176  | Synthetic Training Environment [STE] .....   | 20,749               |                          | - 20,749                    |
|      | Restoring acquisition accountability: Acquisition strategy .....                                 |                      |                          | - 20,749                    |
| 182  | Test Equipment Modernization [TEMOD] .....   | 16,415               | 15,132                   | - 1,283                     |
|      | Restoring acquisition accountability: Oscilloscope contract delays .....                         |                      |                          | - 1,283                     |
| 185  | Physical Security Systems (OPA3) .....   | 82,158               | 78,958                   | - 3,200                     |
|      | Maintain program affordability: Unjustified growth—Standardized Intrusion Detection System ..... |                      |                          | - 3,200                     |
| 187  | Modification of In-Svc Equipment (OPA-3) .....   | 50,458               | 63,458                   | + 13,000                    |
|      | Program increase: Expeditionary solid-waste disposal systems .....                               |                      |                          | + 13,000                    |
| 189  | Building, Pre-Fab, Relocatable .....   | 14,400               | 32,700                   | + 18,300                    |
|      | Transfer: Army-requested transfer to Title IX .....  |                      |                          | - 14,400                    |
|      | Program increase: Stryker vehicle protective shelters .....                                      |                      |                          | + 32,700                    |
| 999  | Classified Programs .....  | 3,710                | 11,910                   | + 8,200                     |
|      | Classified adjustment .....  |                      |                          | + 8,200                     |

*Joint Light Tactical Vehicle Trailers.*—The Committee notes that the Joint Light Tactical Vehicle [JLTV] Multi-Service Operational Test & Evaluation, completed in April 2018, demonstrated that the Army's existing Light Tactical Trailer [LTT] is not compatible with the JLTV through its full mission profile speeds. As a result, the Army Requirements Oversight Council [AROC] issued a decision that restricted the mission profiles for JLTVs fielded with the LTT. Additionally, a JLTV Trailer Towing—Ground Safety Action was released on July 11, 2019, restricting users from employing the JLTV to tow trailers where the HMMWV is the prime mover, including the LTT, absent specific authorization from the Army Command/Army Service Component Command.

The Committee further notes that on June 7, 2019, an AROC determined that the JLTV should be fielded as a complete system with the JLTV Trailer [JLTV-T] and set an initial JLTV-T procurement quantity of 7,523. However, due to the sequencing of events, the President's fiscal year 2020 budget submission does not request funding for the Army's JLTV-T program. Given the safety concerns, the reduced mission profiles with existing trailers, and the Army's decision to pursue a JLTV-T program of record, the Committee supports the Secretary of the Army's pursuit of the JLTV-T and recognizes the disconnects from budget submission to

subsequent restrictions. Therefore, of the funds made available within budget line item 6, Joint Light Tactical Vehicle, up to \$66,100,000 may be made available to the Secretary of the Army for procurement of JLTV-Ts. The Secretary of the Army shall notify the congressional defense committees no later than 15-days prior to obligating funds on a contract, including the amount of funding repurposed, contract vehicle, and procurement quantity. Further, the Committee expects that the Army will resource the program within the fiscal year 2021 budget submission.

*Standoff Robotic Explosive Detection System.*—The Committee notes that the Standoff Robotic Explosive Detection System [SREHD] program consists of payload modules to be mounted on man-portable unmanned ground vehicles, providing dismounted soldiers with stand-off detection, marking and neutralization capability for mines and explosive hazards. The Committee further notes that despite procurement funding being appropriated in the Department of Defense Appropriations Act, 2019 (Public Law 115–245), the Army has decided to complete a final low-rate initial production buy with previously appropriated fiscal year 2018 resources and execute an orderly shutdown of the program. The Committee is concerned that this approach will eliminate a soldier’s capability to remain in a protective posture while detecting and neutralizing threats. Therefore, the Committee directs the Program Executive Office, Combat Support and Combat Service Support [PEO CS & CSS] to investigate the potential for integration of SREHD payload modules onto the Man Transportable Robotic System Increment II [MTRS Inc II] platform or other unmanned ground vehicles for future deployment. The Committee further directs PEO CS & CSS to provide a briefing to the congressional defense committees addressing the following: capabilities and limitations of SREHD payload modules; potential for integration of SREHD payload modules onto the MTRS Inc II or other unmanned ground platform; an overview of requirements for this capability; a breakout of similar capabilities being developed or procured within the Army; and a plan to resource integration efforts, if no such capabilities exist.

*Advanced Medium Mobile Power Sources.*—The Committee is pleased with the Department’s Mobile Electric Power program that aims to provide standardized and modern tactical electric power across the military services. The Committee further notes that a subcomponent of this effort, the Advanced Medium Mobile Power Sources [AMMPS] program, consisting of 30kW and 60kW trailer-mounted generators, includes a microgrid capability that allows up to six generators to automatically start and stop, matching load demand. This capability increases reliability and fuel-efficiency, thereby lowering operating costs. While the Committee is pleased with the overall approach of the Department, the Committee is concerned with the Department of the Army’s significant reduction to the AMMPS program in the fiscal year 2020 President’s budget request, attributable to the Army’s top-down reallocation effort to resource Army priorities under the purview of Army Futures Command and supporting Cross-Functional Teams. Therefore, the Committee recommends an additional \$52,474,000 for the AMMPS program and encourages each of the Service Secretaries to invest in

capabilities that improve fuel-efficiency or reduce the logistical burden of the operating forces.

*Mine Resistant Ambush Protected Fleet.*—The Committee supports the continued sustainment and modernization of the Army’s Mine Resistant Ambush Protected [MRAP] fleet and encourages the Secretary of the Army to continue investments in the MRAP fleet, as long as soldiers operate in environments where mines and improvised explosive devices are prevalent.

*Advanced Manufacturing Center of Excellence.*—Pursuant to section 229 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232), the Under Secretary of Defense for Acquisition and Sustainment and the Under Secretary of Defense for Research and Engineering, in coordination with the Service Secretaries, were directed to establish advanced manufacturing activities within each military service. The Committee remains supportive of these endeavors and recognizes the Army for establishing a Center of Excellence for Advanced and Additive Manufacturing at the Rock Island Arsenal—Joint Manufacturing and Technology Center. Therefore, the Committee encourages the Service Secretaries to allocate the appropriate resources to sustain these initiatives throughout the next Future Years Defense Program.

AIRCRAFT PROCUREMENT, NAVY

|                                |                  |
|--------------------------------|------------------|
| Appropriations, 2019 .....     | \$20,092,199,000 |
| Budget estimate, 2020 .....    | 18,522,204,000   |
| Committee recommendation ..... | 18,573,560,000   |

The Committee recommends an appropriation of \$18,573,560,000. This is \$51,356,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|-----------------------------------|---------------------------------------|------|----------------------|------|--------------------------|-------------|-----------------|
|                                   |                                       |      |                      |      |                          | Qty.        | Budget estimate |
| <b>AIRCRAFT PROCUREMENT, NAVY</b> |                                       |      |                      |      |                          |             |                 |
| 1                                 | COMBAT AIRCRAFT                       |      |                      |      |                          |             |                 |
| 2                                 | F/A-18E/F (FIGHTER) HORNET [MYP]      | 24   | 1,748,934            | 24   | 1,721,134                |             | - 27,800        |
| 3                                 | F/A-18E/F (FIGHTER) HORNET [MYP] (AP) |      | 55,128               |      | 55,128                   |             |                 |
| 4                                 | JOINT STRIKE FIGHTER CV               | 20   | 2,272,301            | 20   | 2,210,051                |             | - 62,250        |
| 5                                 | JOINT STRIKE FIGHTER CV [AP-CY]       |      | 339,053              |      | 339,053                  |             |                 |
| 6                                 | JSF STOVL                             | 10   | 1,342,035            | 16   | 1,805,535                | + 6         | + 463,500       |
| 7                                 | JSF STOVL [AP-CY]                     |      | 291,804              |      | 177,558                  |             | - 114,246       |
| 8                                 | CH-53K (HEAVY LIFT)                   | 6    | 807,876              | 6    | 807,876                  |             |                 |
| 9                                 | CH-53K (HEAVY LIFT) [AP-CY]           |      | 215,014              |      | 215,014                  |             |                 |
| 10                                | V-22 (MEDIUM LIFT)                    | 10   | 966,666              | 10   | 966,666                  |             |                 |
| 11                                | V-22 (MEDIUM LIFT) [AP-CY]            |      | 27,104               |      | 27,104                   |             |                 |
| 12                                | UH-1YAH-1Z                            |      | 62,003               |      | 62,003                   |             |                 |
| 13                                | MH-60R                                |      | 894                  |      | 894                      |             |                 |
| 14                                | P-8A POSEIDON                         | 6    | 1,206,701            | 6    | 1,139,401                |             | - 67,300        |
| 15                                | E-2D ADV HAWKEYE                      | 4    | 744,484              | 4    | 727,184                  |             | - 17,300        |
| 16                                | E-2D ADV HAWKEYE [AP-CY]              |      | 190,204              |      | 190,204                  |             |                 |
| 17                                | TOTAL, COMBAT AIRCRAFT                |      | 10,270,201           |      | 10,444,805               |             | + 174,604       |
| 18                                | TRAINER AIRCRAFT                      |      |                      |      |                          |             |                 |
| 19                                | ADVANCED HELICOPTER TRAINING SYSTEM   | 32   | 261,160              | 32   | 261,160                  |             |                 |
| 20                                | TOTAL, TRAINER AIRCRAFT               |      | 261,160              |      | 261,160                  |             |                 |
| <b>OTHER AIRCRAFT</b>             |                                       |      |                      |      |                          |             |                 |
| 21                                | KC-130J                               | 3    | 240,840              | 3    | 240,840                  |             |                 |
| 22                                | KC-130J [AP-CY]                       |      | 66,061               |      | 66,061                   |             |                 |
| 23                                | F-5                                   | 22   | 39,676               | 22   | 39,676                   |             |                 |
| 24                                | MQ-4 TRITON                           | 2    | 473,134              | 2    | 460,634                  |             | - 12,500        |
| 25                                | MQ-4 TRITON [AP-CY]                   |      | 20,139               |      | 20,139                   |             |                 |
| 26                                | MQ-8 UAV                              |      | 44,957               |      | 44,957                   |             |                 |
| 27                                | STUASLO UAV                           |      | 43,819               |      | 43,819                   |             |                 |
|                                   | OTHER SUPPORT AIRCRAFT                | 1    |                      | 1    | 14,300                   | + 1         | + 14,300        |

|    |                                       |   |           |   |           |       |           |
|----|---------------------------------------|---|-----------|---|-----------|-------|-----------|
| 28 | VH-92A EXECUTIVE HELO .....           | 6 | 658,067   | 6 | 624,967   | ..... | - 33,100  |
|    | TOTAL, OTHER AIRCRAFT .....           |   | 1,586,693 |   | 1,555,393 | ..... | - 31,300  |
|    | MODIFICATION OF AIRCRAFT .....        |   |           |   |           |       |           |
| 29 | AEA SYSTEMS .....                     |   | 44,470    |   | 44,470    | ..... |           |
| 30 | AV-8 SERIES .....                     |   | 39,472    |   | 39,472    | ..... |           |
| 31 | ADVERSARY .....                       |   | 3,415     |   | 3,415     | ..... |           |
| 32 | F-18 SERIES .....                     |   | 1,207,089 |   | 1,139,670 | ..... | - 67,419  |
| 33 | H-53 SERIES .....                     |   | 68,385    |   | 68,385    | ..... |           |
| 34 | MH-60 SERIES .....                    |   | 149,797   |   | 147,297   | ..... | - 2,500   |
| 35 | H-1 SERIES .....                      |   | 114,059   |   | 107,309   | ..... | - 6,750   |
| 36 | EP-3 SERIES .....                     |   | 8,655     |   | 8,655     | ..... |           |
| 38 | E-2 SERIES .....                      |   | 117,059   |   | 117,059   | ..... |           |
| 39 | TRAINER A/C SERIES .....              |   | 5,616     |   | 5,616     | ..... |           |
| 40 | C-2A .....                            |   | 15,747    |   | 13,747    | ..... | - 2,000   |
| 41 | C-130 SERIES .....                    |   | 122,671   |   | 85,266    | ..... | - 37,405  |
| 42 | FEWSG .....                           |   | 509       |   | 509       | ..... |           |
| 43 | CARGO/TRANSPORT A/C SERIES .....      |   | 8,767     |   | 8,767     | ..... |           |
| 44 | E-6 SERIES .....                      |   | 169,827   |   | 166,527   | ..... | - 3,300   |
| 45 | EXECUTIVE HELICOPTERS SERIES .....    |   | 8,933     |   | 8,933     | ..... |           |
| 47 | T-45 SERIES .....                     |   | 186,022   |   | 171,722   | ..... | - 14,300  |
| 48 | POWER PLANT CHANGES .....             |   | 16,136    |   | 16,136    | ..... |           |
| 49 | JPATS SERIES .....                    |   | 21,824    |   | 21,824    | ..... |           |
| 50 | AVIATION LIFE SUPPORT MODS .....      |   | 39,762    |   | 39,762    | ..... |           |
| 51 | COMMON ECM EQUIPMENT .....            |   | 162,839   |   | 159,539   | ..... | - 3,300   |
| 52 | COMMON AVIONICS CHANGES .....         |   | 102,107   |   | 102,107   | ..... |           |
| 53 | COMMON DEFENSIVE WEAPON SYSTEM .....  |   | 2,100     |   | 2,100     | ..... |           |
| 54 | ID SYSTEMS .....                      |   | 41,437    |   | 41,437    | ..... |           |
| 55 | P-8 SERIES .....                      |   | 107,539   |   | 74,610    | ..... | - 32,929  |
| 56 | MAGTF EW FOR AVIATION .....           |   | 26,536    |   | 26,536    | ..... |           |
| 57 | MQ-8 SERIES .....                     |   | 34,686    |   | 34,686    | ..... |           |
| 58 | V-22 (TILT/ROTOR ACFT) OSPREY .....   |   | 325,367   |   | 325,367   | ..... |           |
| 59 | NEXT GENERATION JAMMER (NGJ) .....    |   | 6,223     |   | .....     | ..... | - 6,223   |
| 60 | F-35 STOVL SERIES .....               |   | 65,385    |   | 61,585    | ..... | - 4,000   |
| 61 | F-35 CV SERIES .....                  |   | 15,358    |   | 13,358    | ..... | - 2,000   |
| 62 | QUICK REACTION CAPABILITY (QRC) ..... |   | 165,016   |   | 165,016   | ..... |           |
| 63 | MQ-4 SERIES .....                     |   | 27,994    |   | 27,994    | ..... |           |
| 64 | RQ-21 SERIES .....                    |   | 66,282    |   | 61,032    | ..... | - 5,250   |
|    | TOTAL, MODIFICATION OF AIRCRAFT ..... |   | 3,497,284 |   | 3,309,908 | ..... | - 187,376 |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 67   | AIRCRAFT SPARES AND REPAIR PARTS                     |      | 2,166,788            |      | 2,263,108                |             | + 96,320        |
|      | SPARES AND REPAIR PARTS .....                        |      |                      |      |                          |             |                 |
|      | AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES            |      |                      |      |                          |             |                 |
| 68   | COMMON GROUND EQUIPMENT .....                        |      | 491,025              |      | 491,025                  |             |                 |
| 69   | AIRCRAFT INDUSTRIAL FACILITIES .....                 |      | 71,335               |      | 71,335                   |             |                 |
| 70   | WAR CONSUMABLES .....                                |      | 41,086               |      | 41,086                   |             |                 |
| 72   | SPECIAL SUPPORT EQUIPMENT .....                      |      | 135,740              |      | 135,740                  |             |                 |
| 73   | FIRST DESTINATION TRANSPORTATION .....               |      | 892                  |      | 892                      |             | - 892           |
|      | TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES ..... |      | 740,078              |      | 739,186                  |             | - 892           |
|      | TOTAL, AIRCRAFT PROCUREMENT, NAVY .....              |      | 18,522,204           |      | 18,573,560               |             | + 51,356        |



## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 1    | F/A-18E/F (Fighter) Hornet .....  | 1,748,934            | 1,721,134                | - 27,800                    |
|      | Restoring acquisition accountability: Contract award savings .....  |                      |                          | - 27,800                    |
| 3    | Joint Strike Fighter CV .....   | 2,272,301            | 2,210,051                | - 62,250                    |
|      | Program increase: Alternate sourcing requirements .....   |                      |                          | + 2,750                     |
|      | Restoring acquisition accountability: Unit cost savings .....   |                      |                          | - 55,000                    |
|      | Restoring acquisition accountability: Other corporate ops carryover .....                                       |                      |                          | - 10,000                    |
| 5    | JSF STOVL .....   | 1,342,035            | 1,805,535                | + 463,500                   |
|      | Program increase: Six aircraft .....  |                      |                          | + 747,150                   |
|      | Program increase: Alternate sourcing requirements .....   |                      |                          | + 39,350                    |
|      | Restoring acquisition accountability: Unit cost savings .....   |                      |                          | - 43,000                    |
|      | Restoring acquisition accountability: Other corporate ops carryover .....                                       |                      |                          | - 10,000                    |
|      | Restoring acquisition accountability: Excess support costs .....  |                      |                          | - 270,000                   |
| 6    | JSF STOVL—AP .....  | 291,804              | 177,558                  | - 114,246                   |
|      | Maintain program affordability: Excess advance procurement .....  |                      |                          | - 114,246                   |
| 14   | P-8A Poseidon .....   | 1,206,701            | 1,139,401                | - 67,300                    |
|      | Maintain program affordability: Excess production engineering support given sustained production line .....     |                      |                          | - 27,900                    |
|      | Maintain program affordability: Excess other integrated logistics support given sustained production line ..... |                      |                          | - 39,400                    |
| 16   | E-2D Adv Hawkeye .....  | 744,484              | 727,184                  | - 17,300                    |
|      | Restoring acquisition accountability: Anticipated unit cost contract award savings .....                        |                      |                          | - 5,000                     |
|      | Maintain program affordability: Unjustified growth in peculiar ground support equipment .....                   |                      |                          | - 12,300                    |
| 23   | MQ-4 Triton .....   | 473,134              | 460,634                  | - 12,500                    |
|      | Maintain program affordability: Unjustified unit cost growth .....  |                      |                          | - 12,500                    |
| 27   | Other Support Aircraft .....  |                      | 14,300                   | + 14,300                    |
|      | Program increase: Additional UC-12W for USMC .....  |                      |                          | + 14,300                    |
| 28   | VH-92A Executive Helo .....   | 658,067              | 624,967                  | - 33,100                    |
|      | Maintain program affordability: Unjustified request for airframe and contractor funded equipment .....          |                      |                          | - 19,000                    |
|      | Maintain program affordability: Excess support costs .....  |                      |                          | - 14,100                    |
| 32   | F-18 Series .....   | 1,207,089            | 1,139,670                | - 67,419                    |
|      | Restoring acquisition accountability: IRST modifications early to need .....                                    |                      |                          | - 67,419                    |
| 34   | MH-60 Series .....  | 149,797              | 147,297                  | - 2,500                     |
|      | Maintain program affordability: MC/FMC B kits excess to need .....  |                      |                          | - 2,500                     |
| 35   | H-1 Series .....  | 114,059              | 107,309                  | - 6,750                     |
|      | Maintain program affordability: Unjustified growth (OSIP 013-14) .....  |                      |                          | - 6,750                     |
| 40   | C-2A .....  | 15,747               | 13,747                   | - 2,000                     |
|      | Maintain program affordability: ARC-210 radio program cancellation .....  |                      |                          | - 2,000                     |
| 41   | C-130 Series .....  | 122,671              | 85,266                   | - 37,405                    |
|      | Restoring acquisition accountability: Block 8.1 upgrade program delay (OSIP 019-14) .....                       |                      |                          | - 37,405                    |
| 44   | E-6 Series .....  | 169,827              | 166,527                  | - 3,300                     |
|      | Maintain program affordability: Unjustified growth in training (OSIP 013-10) .....                              |                      |                          | - 3,300                     |
| 47   | T-45 Series .....   | 186,022              | 171,722                  | - 14,300                    |
|      | Maintain program affordability: Prior year carryover .....  |                      |                          | - 14,300                    |
| 51   | Common ECM Equipment .....  | 162,839              | 159,539                  | - 3,300                     |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Maintain program affordability: Install Equip AN/APR-39 MV-22 unit cost growth ..... |                      |                          | - 3,300                     |
| 55   | P-8 Series .....   | 107,539              | 74,610                   | - 32,929                    |
|      | Restoring acquisition accountability: Increment 3 ECP 6 early to need .....          |                      |                          | - 32,929                    |
| 59   | Next Generation Jammer [NGJ] .....   | 6,223                |                          | - 6,223                     |
|      | Restoring acquisition accountability: Procurement early to need .....                |                      |                          | - 6,223                     |
| 60   | F-35 STOVL Series .....  | 65,585               | 61,585                   | - 4,000                     |
|      | Restoring acquisition accountability: Block 4 upgrade funding ahead of need .....    |                      |                          | - 4,000                     |
| 61   | F-35 CV Series .....   | 15,358               | 13,358                   | - 2,000                     |
|      | Restoring acquisition accountability: Block 4 upgrade funding ahead of need .....    |                      |                          | - 2,000                     |
| 64   | RQ-21 Series .....   | 66,282               | 61,032                   | - 5,250                     |
|      | Maintain program affordability: Unjustified growth in B kits (OSIP 004-20) .....     |                      |                          | - 5,250                     |
| 67   | Spares and Repair Parts .....  | 2,166,788            | 2,263,108                | + 96,320                    |
|      | Program increase: F/A-18E/F engine spares .....                                      |                      |                          | + 52,000                    |
|      | Program increase: F-35B spares .....   |                      |                          | + 44,820                    |
|      | Program increase: F-35B engine spare .....   |                      |                          | + 28,800                    |
|      | Maintain program affordability: CH-53K spares excess growth .....                    |                      |                          | - 29,300                    |
| 73   | First Destination Transportation .....   | 892                  |                          | - 892                       |
|      | Maintain program affordability: Prior year carryover .....                           |                      |                          | - 892                       |

WEAPONS PROCUREMENT, NAVY

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$3,711,576,000 |
| Budget estimate, 2020 .....    |                 |
| Committee recommendation ..... | 3,963,067,000   |

The Committee recommends an appropriation of \$3,963,067,000. This is \$3,963,067,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|-------------------------------------|------|----------------------|------|--------------------------|-------------|-----------------|
|      |                                     |      |                      |      |                          | Qty.        | Budget estimate |
|      | <b>WEAPONS PROCUREMENT, NAVY</b>    |      |                      |      |                          |             |                 |
|      | BALLISTIC MISSILES                  |      |                      |      |                          |             |                 |
|      | MODIFICATION OF MISSILES            |      |                      |      |                          |             |                 |
| 1    | TRIDENT II MODS .....               |      |                      |      | 1,177,251                |             | + 1,177,251     |
| 2    | SUPPORT EQUIPMENT AND FACILITIES    |      |                      |      | 7,142                    |             | + 7,142         |
|      | MISSILE INDUSTRIAL FACILITIES ..... |      |                      |      |                          |             |                 |
|      | TOTAL, BALLISTIC MISSILES .....     |      |                      |      | 1,184,393                |             | + 1,184,393     |
|      | OTHER MISSILES                      |      |                      |      |                          |             |                 |
|      | STRATEGIC MISSILES                  |      |                      |      |                          |             |                 |
| 3    | TOMAHAWK .....                      |      |                      | 90   | 355,556                  | + 90        | + 355,556       |
|      | TACTICAL MISSILES                   |      |                      |      |                          |             |                 |
| 4    | AMIRAM .....                        |      |                      |      | 211,827                  | + 169       | + 211,827       |
| 5    | SIDEWINDER .....                    |      |                      | 169  | 115,473                  | + 292       | + 115,473       |
| 7    | STANDARD MISSILE .....              |      |                      | 125  | 404,523                  | + 125       | + 404,523       |
| 8    | STANDARD MISSILE (AP-CY) .....      |      |                      |      | 96,085                   |             | + 96,085        |
| 9    | SMALL DIAMETER BOMB II .....        |      |                      | 750  | 108,452                  | + 750       | + 108,452       |
| 10   | RAM .....                           |      |                      | 120  | 106,765                  | + 120       | + 106,765       |
| 12   | HELLFIRE .....                      |      |                      | 29   | 1,525                    | + 29        | + 1,525         |
| 15   | AERIAL TARGETS .....                |      |                      |      | 145,880                  |             | + 145,880       |
| 17   | OTHER MISSILE SUPPORT .....         |      |                      |      | 3,388                    |             | + 3,388         |
| 18   | LRASM .....                         |      |                      | 24   | 72,544                   | + 24        | + 72,544        |
| 19   | LCS 0TH MISSILE .....               |      |                      | 18   | 38,137                   | + 18        | + 38,137        |
|      | MODIFICATION OF MISSILES            |      |                      |      |                          |             |                 |
| 20   | ESSM .....                          |      |                      |      | 110,059                  | + 60        | + 110,059       |
| 21   | HARPOON MODS .....                  |      |                      | 60   | 25,447                   |             | + 25,447        |
| 22   | HARM MODS .....                     |      |                      |      | 183,740                  |             | + 183,740       |
| 23   | STANDARD MISSILES MODS .....        |      |                      |      | 2,500                    |             | + 2,500         |
|      | SUPPORT EQUIPMENT AND FACILITIES    |      |                      |      |                          |             |                 |
| 24   | WEAPONS INDUSTRIAL FACILITIES ..... |      |                      |      | 12,006                   |             | + 12,006        |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 25   | FLEET SATELLITE COMM FOLLOW-ON .....         |      |                      |      | 67,380                   |             | + 67,380        |
|      | ORDNANCE SUPPORT EQUIPMENT .....             |      |                      |      |                          |             |                 |
| 27   | ORDNANCE SUPPORT EQUIPMENT .....             |      |                      |      | 42,027                   |             | + 42,027        |
|      | TOTAL, OTHER MISSILES .....                  |      |                      |      | 2,103,314                |             | + 2,103,314     |
|      | TORPEDOES AND RELATED EQUIPMENT .....        |      |                      |      |                          |             |                 |
|      | TORPEDOES AND RELATED EQUIP .....            |      |                      |      |                          |             |                 |
| 28   | SSD .....                                    |      |                      |      | 5,561                    |             | + 5,561         |
| 29   | MK-48 TORPEDO .....                          |      |                      | 71   | 130,000                  |             | + 130,000       |
| 30   | ASW TARGETS .....                            |      |                      |      | 15,095                   |             | + 15,095        |
|      | MOD OF TORPEDOES AND RELATED EQUIP .....     |      |                      |      |                          |             |                 |
| 31   | MK-54 TORPEDO MODS .....                     |      |                      |      | 103,860                  |             | + 103,860       |
| 32   | MK-48 TORPEDO ADCAP MODS .....               |      |                      |      | 39,508                   |             | + 39,508        |
| 33   | QUICKSTRIKE MINE .....                       |      |                      |      | 5,183                    |             | + 5,183         |
|      | SUPPORT EQUIPMENT .....                      |      |                      |      |                          |             |                 |
| 34   | TORPEDO SUPPORT EQUIPMENT .....              |      |                      |      | 68,225                   |             | + 68,225        |
| 35   | ASW RANGE SUPPORT .....                      |      |                      |      | 3,890                    |             | + 3,890         |
|      | DESTINATION TRANSPORTATION .....             |      |                      |      |                          |             |                 |
| 36   | FIRST DESTINATION TRANSPORTATION .....       |      |                      |      | 3,803                    |             | + 3,803         |
|      | TOTAL, TORPEDOES AND RELATED EQUIPMENT ..... |      |                      |      | 375,125                  |             | + 375,125       |
|      | OTHER WEAPONS .....                          |      |                      |      |                          |             |                 |
|      | GUNS AND GUN MOUNTS .....                    |      |                      |      |                          |             |                 |
| 37   | SMALL ARMS AND WEAPONS .....                 |      |                      |      | 13,607                   |             | + 13,607        |
|      | MODIFICATION OF GUNS AND GUN MOUNTS .....    |      |                      |      |                          |             |                 |
| 38   | CWS MODS .....                               |      |                      |      | 44,126                   |             | + 44,126        |
| 39   | COAST GUARD WEAPONS .....                    |      |                      |      | 43,927                   |             | + 43,927        |
| 40   | GUN MOUNT MODS .....                         |      |                      |      | 62,579                   |             | + 62,579        |
| 41   | LCS MODULE WEAPONS .....                     |      |                      | 90   | 10,998                   |             | + 10,998        |

|    |  |  |  |  |           |  |  |             |
|----|--|--|--|--|-----------|--|--|-------------|
| 43 | AIRBORNE MINE NEUTRALIZATION SYSTEMS ..... |  |  |  | 7,160     |  |  | + 7,160     |
|    | TOTAL, OTHER WEAPONS .....                 |  |  |  | 182,397   |  |  | + 182,397   |
| 45 | SPARES AND REPAIR PARTS .....              |  |  |  | 117,838   |  |  | + 117,838   |
|    | TOTAL, WEAPONS PROCUREMENT, NAVY .....     |  |  |  | 3,963,067 |  |  | + 3,963,067 |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
| 1    | Trident II Mods .....  |                      | 1,177,251                | + 1,177,251                 |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 1,177,251                 |
| 2    | Missile Industrial Facilities .....  |                      | 7,142                    | + 7,142                     |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 7,142                     |
| 3    | Tomahawk .....   |                      | 355,556                  | + 355,556                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 386,730                   |
|      | Restoring acquisition accountability: Support equipment requirements previously funded ..... |                      |                          | - 13,380                    |
|      | Restoring acquisition accountability: NAV/COMMs kits early to need .....                     |                      |                          | - 8,370                     |
|      | Restoring acquisition accountability: Recertifications early to need .....                   |                      |                          | - 9,424                     |
| 4    | AMRAAM .....   |                      | 211,827                  | + 211,827                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 224,502                   |
|      | Restoring acquisition accountability: AUR unit cost growth .....                             |                      |                          | - 12,675                    |
| 5    | Sidewinder .....   |                      | 115,473                  | + 115,473                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 119,456                   |
|      | Restoring acquisition accountability: AUR unit cost growth .....                             |                      |                          | - 3,983                     |
| 7    | Standard Missile .....   |                      | 404,523                  | + 404,523                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 404,523                   |
| 8    | Standard Missile (AP) .....  |                      | 96,085                   | + 96,085                    |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 96,085                    |
| 9    | Small Diameter Bomb II .....   |                      | 108,452                  | + 108,452                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 118,466                   |
|      | Restoring acquisition accountability: AUR unit cost growth .....                             |                      |                          | - 10,014                    |
| 10   | Ram .....  |                      | 106,765                  | + 106,765                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 106,765                   |
| 12   | Hellfire .....   |                      | 1,525                    | + 1,525                     |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 1,525                     |
| 15   | Aerial Targets .....   |                      | 145,880                  | + 145,880                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 145,880                   |
| 16   | Drones And Decoys .....  |                      |                          | + 20,000                    |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 20,000                    |
|      | Restoring acquisition accountability: Accelerated acquisition strategy .....                 |                      |                          | - 20,000                    |
| 17   | Other Missile Support .....  |                      | 3,388                    | + 3,388                     |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 3,388                     |
| 18   | LRASM .....  |                      | 72,544                   | + 72,544                    |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 143,200                   |
|      | Restoring acquisition accountability: Contract delay .....                                   |                      |                          | - 70,656                    |
| 19   | LCS OTH Missile .....  |                      | 38,137                   | + 38,137                    |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 38,137                    |
| 20   | ESSM .....   |                      | 110,059                  | + 110,059                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 128,059                   |
|      | Restoring acquisition accountability: AUR unit cost adjustment .....                         |                      |                          | - 18,000                    |
| 21   | Harpoon Mods .....   |                      | 25,447                   | + 25,447                    |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 25,447                    |
| 22   | Harm Mods .....  |                      | 183,740                  | + 183,740                   |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 183,740                   |
| 23   | Standard Missiles Mods .....   |                      | 2,500                    | + 2,500                     |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 22,500                    |
|      | Maintain program affordability: Unjustified component improvement request .....              |                      |                          | - 20,000                    |
| 24   | Weapons Industrial Facilities .....  |                      | 12,006                   | + 12,006                    |
|      | Transfer: From Title IX to Title III for base requirements .....                             |                      |                          | + 1,958                     |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Program increase: NIROP facilitation .....   |                      |                          | + 10,048                    |
| 25   | Fleet Satellite Comm Follow-On .....   |                      | 67,380                   | + 67,380                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 67,380                    |
| 27   | Ordnance Support Equipment .....   |                      | 42,027                   | + 42,027                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 109,427                   |
|      | Classified adjustment .....  |                      |                          | - 67,400                    |
| 28   | SSTD .....   |                      | 5,561                    | + 5,561                     |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 5,561                     |
| 29   | MK-48 Torpedo .....  |                      | 130,000                  | + 130,000                   |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 114,000                   |
|      | Program increase: Additional munitions .....                                       |                      |                          | + 16,000                    |
| 30   | ASW Targets .....  |                      | 15,095                   | + 15,095                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 15,095                    |
| 31   | MK-54 Torpedo Mods .....   |                      | 103,860                  | + 103,860                   |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 119,453                   |
|      | Restoring acquisition accountability: HAAC unit cost growth .....                  |                      |                          | - 15,593                    |
| 32   | MK-48 Torpedo ADCAP Mods .....   |                      | 39,508                   | + 39,508                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 39,508                    |
| 33   | Quickstrike Mine .....   |                      | 5,183                    | + 5,183                     |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 5,183                     |
| 34   | Torpedo Support Equipment .....  |                      | 68,225                   | + 68,225                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 79,028                    |
|      | Improving funds management: Prior year carryover .....                             |                      |                          | - 10,803                    |
| 35   | ASW Range Support .....  |                      | 3,890                    | + 3,890                     |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 3,890                     |
| 36   | First Destination Transportation .....   |                      | 3,803                    | + 3,803                     |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 3,803                     |
| 37   | Small Arms and Weapons .....   |                      | 13,607                   | + 13,607                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 14,797                    |
|      | Restoring acquisition accountability: CSASS previously funded .....                |                      |                          | - 1,190                     |
| 38   | CIWS Mods .....  |                      | 44,126                   | + 44,126                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 44,126                    |
| 39   | Coast Guard Weapons .....  |                      | 43,927                   | + 43,927                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 44,980                    |
|      | Maintain program affordability: Unjustified ILS growth .....                       |                      |                          | - 1,053                     |
| 40   | Gun Mount Mods .....   |                      | 62,579                   | + 62,579                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 66,376                    |
|      | Maintain program affordability: Unjustified growth—Medium caliber gun mounts ..... |                      |                          | - 1,127                     |
|      | Maintain program affordability: Unjustified growth—MK 38 .....                     |                      |                          | - 2,670                     |
| 41   | LCS Module Weapons .....   |                      | 10,998                   | + 10,998                    |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 14,585                    |
|      | Improving funds management: AURs early to need .....                               |                      |                          | - 3,587                     |
| 43   | Airborne Mine Neutralization Systems .....   |                      | 7,160                    | + 7,160                     |
|      | Transfer: From Title IX to Title III for base requirements .....                   |                      |                          | + 7,160                     |
| 45   | Spares and Repair Parts .....  |                      | 117,838                  | + 117,838                   |
|      | Transfer: From Title IX to Title II for base requirements .....                    |                      |                          | + 126,138                   |
|      | Improving funds management: Prior year carryover .....                             |                      |                          | - 8,300                     |

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

|                                |               |
|--------------------------------|---------------|
| Appropriations, 2019 .....     | \$952,682,000 |
| Budget estimate, 2020 .....    |               |
| Committee recommendation ..... | 872,251,000   |

The Committee recommends an appropriation of \$872,251,000. This is \$872,251,000 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. | 2020 budget estimate | Qty.  | Committee recommendation | Change from |                 |
|------|---|------|----------------------|-------|--------------------------|-------------|-----------------|
|      |   |      |                      |       |                          | Qty.        | Budget estimate |
|      | PROC AMMO, NAVY                                 |      |                      |       |                          |             |                 |
|      | NAVY AMMUNITION                                 |      |                      |       |                          |             |                 |
| 1    | GENERAL PURPOSE BOMBS                           |      |                      |       | 34,997                   |             | + 34,997        |
| 2    | JDM   |      |                      | 2,844 | 70,413                   |             | + 70,413        |
| 3    | AIRBORNE ROCKETS, ALL TYPES                     |      |                      |       | 27,684                   |             | + 27,684        |
| 4    | MACHINE GUN AMMUNITION                          |      |                      |       | 4,793                    |             | + 4,793         |
| 5    | PRACTICE BOMBS                                  |      |                      |       | 34,708                   |             | + 34,708        |
| 6    | CARTRIDGES & CART ACTUATED DEVICES              |      |                      |       | 45,738                   |             | + 45,738        |
| 7    | AIR EXPENDABLE COUNTERMEASURES                  |      |                      |       | 77,301                   |             | + 77,301        |
| 8    | JATOS   |      |                      |       | 7,262                    |             | + 7,262         |
| 9    | 5 INCH/54 GUN AMMUNITION                        |      |                      |       | 19,161                   |             | + 19,161        |
| 10   | INTERMEDIATE CALIBER GUN AMMUNITION             |      |                      |       | 37,193                   |             | + 37,193        |
| 11   | OTHER SHIP GUN AMMUNITION                       |      |                      |       | 39,291                   |             | + 39,291        |
| 12   | SMALL ARMS & LANDING PARTY AMMO                 |      |                      |       | 47,896                   |             | + 47,896        |
| 13   | PYROTECHNIC AND DEMOLITION                      |      |                      |       | 10,621                   |             | + 10,621        |
| 15   | AMMUNITION LESS THAN \$5 MILLION                |      |                      |       | 2,386                    |             | + 2,386         |
|      | TOTAL, PROC AMMO, NAVY                          |      |                      |       | 459,444                  |             | + 459,444       |
|      | PROC AMMO, MARINE CORPS                         |      |                      |       |                          |             |                 |
|      | MARINE CORPS AMMUNITION                         |      |                      |       |                          |             |                 |
| 16   | MORTARS   |      |                      |       | 55,543                   |             | + 55,543        |
| 17   | DIRECT SUPPORT MUNITIONS                        |      |                      |       | 61,906                   |             | + 61,906        |
| 18   | INFANTRY WEAPONS AMMUNITION                     |      |                      |       | 52,088                   |             | + 52,088        |
| 19   | COMBAT SUPPORT MUNITIONS                        |      |                      |       | 40,048                   |             | + 40,048        |
| 20   | AMMO MODERNIZATION                              |      |                      |       | 14,325                   |             | + 14,325        |
| 21   | ARTILLERY MUNITIONS                             |      |                      |       | 184,376                  |             | + 184,376       |
| 22   | ITEMS LESS THAN \$5 MILLION                     |      |                      |       | 4,521                    |             | + 4,521         |
|      | TOTAL, PROC AMMO, MARINE CORPS                  |      |                      |       | 412,807                  |             | + 412,807       |
|      | TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS |      |                      |       | 872,251                  |             | + 872,251       |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 1    | General Purpose Bombs .....   |                      | 34,997                   | + 34,997                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 36,028                    |
|      | Restoring acquisition accountability: Q2192 BLU-110 unit cost growth .....  |                      |                          | - 1,031                     |
| 2    | JDAM .....  |                      | 70,413                   | + 70,413                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 70,413                    |
| 3    | Airborne Rockets, All Types .....   |                      | 27,684                   | + 27,684                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 31,756                    |
|      | Restoring acquisition accountability: MK 66 unit cost growth .....          |                      |                          | - 4,072                     |
| 4    | Machine Gun Ammunition .....  |                      | 4,793                    | + 4,793                     |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 4,793                     |
| 5    | Practice Bombs .....  |                      | 34,708                   | + 34,708                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 34,708                    |
| 6    | Cartridges & Cart Actuated Devices .....                                    |                      | 45,738                   | + 45,738                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 45,738                    |
| 7    | Air Expendable Countermeasures .....  |                      | 77,301                   | + 77,301                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 77,301                    |
| 8    | JATOS .....   |                      | 7,262                    | + 7,262                     |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 7,262                     |
| 9    | 5 Inch/54 Gun Ammunition .....  |                      | 19,161                   | + 19,161                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 22,594                    |
|      | Restoring acquisition accountability: MK 187 contract delay .....           |                      |                          | - 3,433                     |
| 10   | Intermediate Caliber Gun Ammunition .....                                   |                      | 37,193                   | + 37,193                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 37,193                    |
| 11   | Other Ship Gun Ammunition .....   |                      | 39,291                   | + 39,291                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 39,491                    |
|      | Restoring acquisition accountability: 20MM DUMMY contract award delay ..... |                      |                          | - 200                       |
| 12   | Small Arms & Landing Party Ammo .....                                       |                      | 47,896                   | + 47,896                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 47,896                    |
| 13   | Pyrotechnic and Demolition .....  |                      | 10,621                   | + 10,621                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 10,621                    |
| 15   | Ammunition Less Than \$5 Million .....                                      |                      | 2,386                    | + 2,386                     |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 2,386                     |
| 16   | Mortars .....   |                      | 55,543                   | + 55,543                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 55,543                    |
| 17   | Direct Support Munitions .....  |                      | 61,906                   | + 61,906                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 131,765                   |
|      | Insufficient budget justification: CZ11 Multipurpose round .....            |                      |                          | - 30,053                    |
|      | Insufficient budget justification: HB25 Complete Round .....                |                      |                          | - 27,000                    |
|      | Insufficient budget justification: HB26 Complete Round .....                |                      |                          | - 12,000                    |
|      | Improving Funds Management: CA30 complete round unit cost discrepancy ..... |                      |                          | - 806                       |
| 18   | Infantry Weapons Ammunition .....   |                      | 52,088                   | + 52,088                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 78,056                    |
|      | Improving Funds Management: Marine Corps identified excess to need .....    |                      |                          | - 25,968                    |
| 19   | Combat Support Munitions .....  |                      | 40,048                   | + 40,048                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 40,048                    |
| 20   | Ammo Modernization .....  |                      | 14,325                   | + 14,325                    |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 14,325                    |
| 21   | Artillery Munitions .....   |                      | 184,376                  | + 184,376                   |
|      | Transfer: From Title IX to Title III for base requirements ....             |                      |                          | + 188,876                   |
|      | Restoring acquisition accountability: NA29 unit cost growth .....           |                      |                          | - 2,500                     |
|      | Improving Funds Management: Marine Corps identified excess to need .....    |                      |                          | - 2,000                     |
| 22   | Items Less Than \$5 Million .....   |                      | 4,521                    | + 4,521                     |

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
|      | Transfer: From Title IX to Title III for base requirements .... | .....                | .....                    | + 4,521                     |

SHIPBUILDING AND CONVERSION, NAVY

|                                |                  |
|--------------------------------|------------------|
| Appropriations, 2019 .....     | \$24,150,087,000 |
| Budget estimate, 2020 .....    | 23,783,710,000   |
| Committee recommendation ..... | 24,366,431,000   |

The Committee recommends an appropriation of \$24,366,431,000. This is \$582,721,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|---|--|------|----------------------|------|--------------------------|-------------|-----------------|
|   |  |      |                      |      |                          | Qty.        | Budget estimate |
| <b>SHIPBUILDING &amp; CONVERSION, NAVY</b>              |  |      |                      |      |                          |             |                 |
| 1   | FLEET BALLISTIC MISSILE SHIPS          |      |                      |      |                          |             |                 |
|   | OHIO REPLACEMENT SUBMARINE [AP-CY]     |      | 1,698,907            |      | 1,821,907                |             | +123,000        |
| <b>OTHER WARSHIPS</b>                                   |  |      |                      |      |                          |             |                 |
| 2   | CARRIER REPLACEMENT PROGRAM (CVN 80)   |      | 2,347,000            |      | 1,062,000                |             | -1,285,000      |
| XX  | CARRIER REPLACEMENT PROGRAM (CVN 81)   |      |                      |      | 1,174,750                |             | +1,174,750      |
| 3   | VIRGINIA CLASS SUBMARINE               | 3    | 7,155,946            | 2    | 5,355,946                | -1          | -1,800,000      |
| 4   | VIRGINIA CLASS SUBMARINE [AP-CY]       |      | 2,769,552            |      | 2,969,552                |             | +200,000        |
| 5   | CVN REFUELING OVERHAUL                 | 1    | 647,926              | 1    | 614,626                  |             | -33,300         |
| 6   | CVN REFUELING OVERHAULS [AP-CY]        |      |                      |      | 16,900                   |             | +16,900         |
| 7   | DDG 1000                               |      | 155,944              |      | 155,944                  |             |                 |
| 8   | DDG-51                                 | 3    | 5,099,295            | 3    | 5,099,295                |             |                 |
| 9   | DDG-51 [AP-CY]                         |      | 224,028              |      | 779,028                  |             | +555,000        |
| 11  | FFG-FRIGATE                            | 1    | 1,281,177            | 1    | 1,281,177                |             |                 |
|   | <b>TOTAL, OTHER WARSHIPS</b>           |      | 19,680,868           |      | 18,509,218               |             | -1,171,650      |
| <b>AMPHIBIOUS SHIPS</b>                                 |  |      |                      |      |                          |             |                 |
| 12  | LPD FLIGHT II                          |      |                      | 1    | 747,100                  | +1          | +747,100        |
| 13  | LPD FLIGHT II (AP)                     |      | 247,100              |      |                          |             | -247,100        |
| 15  | LHA REPLACEMENT                        |      |                      | 1    | 650,000                  | +1          | +650,000        |
| 17  | EXPEDITIONARY FAST TRANSPORT           |      |                      | 1    | 261,000                  | +1          | +261,000        |
|   | <b>TOTAL, AMPHIBIOUS SHIPS</b>         |      | 247,100              |      | 1,658,100                |             | +1,411,000      |
| <b>AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS</b> |  |      |                      |      |                          |             |                 |
| 18  | TAO FLEET OILER                        | 2    | 981,215              | 2    | 981,215                  |             |                 |
| 19  | TAO FLEET OILER [AP-CY]                |      | 73,000               |      | 73,000                   |             |                 |
| 20  | TOWING, SALVAGE, AND RESCUE SHIP (ATS) | 2    | 150,282              | 1    | 88,204                   | -1          | -62,078         |
| 22  | LCU 1700                               | 4    | 85,670               | 4    | 85,670                   |             |                 |
| 23  | OUTFITTING                             |      | 754,679              |      | 714,428                  |             | -40,251         |
| 25  | SERVICE CRAFT                          |      | 56,289               | 1    | 81,789                   | +1          | +25,500         |
| 28  | COMPLETION OF PY SHIPBUILDING PROGRAMS |      | 55,700               |      | 104,700                  |             | +49,000         |

|    |   |            |       |            |       |           |
|----|---|------------|-------|------------|-------|-----------|
| XX | TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM ..... | 2,156,835  | ..... | 2,129,006  | ..... | - 27,829  |
|    | UNMANNED SURFACE VESSELS .....                          | .....      | ..... | 248,200    | + 2   | + 248,200 |
|    | TOTAL, SHIPBUILDING & CONVERSION, NAVY .....            | 23,783,710 | ..... | 24,366,431 | ..... | + 582,721 |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 1    | OHIO Replacement Submarine (AP-CY) .....  | 1,698,907            | 1,821,907                | + 123,000                   |
|      | Program increase: Submarine industrial base expansion .....   |                      |                          | + 123,000                   |
| 2    | Carrier Replacement Program (CVN 80) .....  | 2,347,000            | 1,062,000                | - 1,285,000                 |
|      | Restoring acquisition accountability: Transfer CVN-81 only to line 2X .....   |                      |                          | - 1,285,000                 |
| 2X   | Carrier Replacement Program (CVN 81) .....  |                      | 1,174,750                | + 1,174,750                 |
|      | Restoring acquisition accountability: Transfer from line 2 for CVN-81 only .....  |                      |                          | + 1,285,000                 |
|      | Insufficient budget justification: Growth for non-propulsion equipment .....  |                      |                          | - 110,250                   |
| 3    | Virginia Class Submarine .....  | 7,155,946            | 5,355,946                | - 1,800,000                 |
|      | Restoring acquisition accountability: Transfer from SSN-812 to SSN-804 and SSN-805 full funding with Virginia Payload Modules per revised multi-year procurement contract cost estimate ..... |                      |                          | - 3,100,000                 |
|      | Restoring acquisition accountability: Transfer from SSN-812 to Research and Development, Navy, line 132 for SSN-812 design risk reduction .....   |                      |                          | - 100,000                   |
|      | Improving funds management: Transfer from SSN-812 to SSN-804 and SSN-805 per revised multi-year procurement contract cost estimate, including Virginia Payload Modules .....                  |                      |                          | + 1,400,000                 |
| 4    | Virginia Class Submarine (AP-CY) .....  | 2,769,552            | 2,969,552                | + 200,000                   |
|      | Restoring acquisition accountability: Transfer from SSN-812 to Advance Procurement in support of 10th multi-year procurement contract option ship only .....                                  |                      |                          | + 200,000                   |
| 5    | CVN Refueling Overhauls .....   | 647,926              | 614,626                  | - 33,300                    |
|      | Transfer to line 6 only for CVN 75 RCOH .....   |                      |                          | - 16,900                    |
|      | Restoring acquisition accountability: Temporary systems unjustified request .....   |                      |                          | - 16,400                    |
| 6    | CVN Refueling Overhauls (AP-CY) .....   |                      | 16,900                   | + 16,900                    |
|      | Transfer from line 5 only for CVN 75 RCOH .....   |                      |                          | + 16,900                    |
| 9    | DDG-51 (AP-CY) .....  | 224,028              | 779,028                  | + 555,000                   |
|      | Program increase: Long lead time material for fiscal year 2021 DDG 51 Flight III ships .....  |                      |                          | + 390,000                   |
|      | Program increase: Surface combatant supplier base .....   |                      |                          | + 130,000                   |
|      | Program increase: Hybrid electric drive .....   |                      |                          | + 35,000                    |
| 12   | LPD Flight II .....   |                      | 747,100                  | + 747,100                   |
|      | Improving funds management: Transfer from line 13 for LPD 31 .....  |                      |                          | + 247,100                   |
|      | Program increase: LPD 31 .....  |                      |                          | + 500,000                   |
| 13   | LPD Flight II (AP-CY) .....   | 247,100              |                          | - 247,100                   |
|      | Improving funds management: Transfer to line 12 for LPD 31 .....  |                      |                          | - 247,100                   |
| 15   | LHA Replacement .....   |                      | 650,000                  | + 650,000                   |
|      | Program increase: LHA 9 .....   |                      |                          | + 650,000                   |
| 17   | Expeditionary Fast Transport [EPF] .....  |                      | 261,000                  | + 261,000                   |
|      | Program increase: Additional ship .....   |                      |                          | + 261,000                   |
| 20   | Towing, Salvage, and Rescue Ship (ATS) .....  | 150,282              | 88,204                   | - 62,078                    |
|      | Restoring acquisition accountability: Contract award delays .....   |                      |                          | - 62,078                    |
| 23   | Outfitting .....  | 754,679              | 714,428                  | - 40,251                    |
|      | Restoring acquisition accountability: CVN 79 outfitting early to need .....   |                      |                          | - 37,539                    |
|      | Restoring acquisition accountability: T-AO outfitting early to need .....   |                      |                          | - 2,712                     |
| 25   | Service Craft .....   | 56,289               | 81,789                   | + 25,500                    |
|      | Program increase: Accelerate YP-703 Flight II .....   |                      |                          | + 25,500                    |
| 28   | Completion of PY Shipbuilding Programs .....  | 55,700               | 104,700                  | + 49,000                    |

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| XX   | Program increase: EPF-14 Expeditionary Medical Transport conversion ..... | .....                | .....                    | + 49,000                    |
|      | Unmanned Surface Vesels .....   | .....                | 248,200                  | + 248,200                   |
|      | Transfer from RDN, line 34 to Unmanned Surface Vesels .....               | .....                | .....                    | + 209,200                   |
|      | Transfer from RDN, line 34 to Unmanned Surface Vesels C4 LLTM only .....  | .....                | .....                    | + 39,000                    |

*Congressional Reporting on Submarine Construction Programs.*—Consistent with direction accompanying the Department of Defense Appropriations Act, 2016, the Assistant Secretary of the Navy (Research, Development and Acquisition) submits to the congressional defense committees quarterly reports describing actions the Navy is taking to minimize costs on the Virginia Payload Module [VPM] program. Additionally, the Program Executive Officer, Submarines provides quarterly construction metrics on the *Columbia* Class Submarine, *Virginia* Class Submarine and VPM programs. The Committee directs the Assistant Secretary of the Navy (Research, Development and Acquisition) to consolidate and update these reporting requirements in accordance with congressional guidance regarding key metrics for these programs beginning in the second quarter, fiscal year 2020.

*CVN 80 and CVN 81 Budget Justification Materials.*—The fiscal year 2020 President’s budget request includes \$2,347,000,000 for the incrementally funded procurement of CVN 80 and CVN 81 in accordance with contract authorities provided by the Congress and implemented by the Department of Defense in fiscal year 2019. The Committee notes that the Navy did not update its congressional budget justification or briefing materials in support of this acquisition and strategy, which has fiscal implications well into the 2030s. The Committee finds this unsatisfactory and directs the Assistant Secretary of the Navy (Financial Management and Comptroller) to provide not later than 30 days after enactment of this Act, proposals for updated CVN 78 Class congressional budget justification documents to the congressional defense committees in support of future budget submissions, to be implemented with the fiscal year 2021 President’s budget request.

*Virginia Class Submarine.*—The fiscal year 2020 President’s budget request includes \$9,925,498,000 for the procurement of *Virginia* Class Submarines [VCS] under multi-year procurement authority for Block V VCS provided by the Congress in fiscal years 2018 and 2019. The Committee notes that conditions for multi-year procurement authority include stable requirements, funding availability and stability, design stability, as well as realistic cost estimates. The Committee further notes that with submission of the fiscal year 2020 President’s budget request, the Navy violated several of these tenets, in particular with respect to program requirements and funding stability, thus needlessly introducing uncertainty to the Navy’s acquisition enterprise and the submarine industrial base. Following extensive discussions with the Navy and the industrial base team, the Committee understands that challenges in the execution of the current Block IV VCS multi-year pro-

urement contract as well as updated estimates for labor hours required for the construction and delivery of 10 Block V VCS with 9 Virginia Payload Modules from fiscal years 2019 to 2023 require adjustments to the fiscal year 2020 budget request for VCS.

The Committee retains its strong support for VCS, long considered a successful shipbuilding program after overcoming earlier challenges. Further, the Committee is aware of the industrial base synergies between the VCS and *Columbia* Class Submarine [CLB] programs and is strongly concerned about any negative perturbations the VCS could have on the CLB program. Therefore, informed by discussions with the Navy and the shipbuilder, the Committee recommends several adjustments to the fiscal year 2020 budget request for VCS in support of a 10-VCS multi-year procurement contract, as delineated in the table of Committee Recommended Adjustments accompanying this section. This includes a recommendation of \$100,000,000 in Research, Development, Test and Evaluation, Navy for design risk reduction of SSN-812; as well as an additional \$200,000,000 in advance procurement for a 10th VCS with VPM, per the agreement between the Navy and the shipbuilder. The Assistant Secretary of the Navy (Research, Development and Acquisition) is directed to provide to the congressional defense committees an updated acquisition strategy for VCS Block V and SSN-812 no less than 30 days prior to the obligation and expenditure of those funds.

*LPD Flight II.*—The fiscal year 2020 President’s budget request includes \$247,100,000 for advance procurement [AP] of LPD 31. The Committee notes that \$350,000,000 was appropriated in AP for this ship in fiscal year 2019, but the Navy delayed the procurement of LPD 31 and has not obligated or expended these funds. Therefore, the Committee recommends adjusting previously appropriated AP in accordance with the Navy’s requirements and recommends \$747,100,000 for LPD 31 in fiscal year 2020.

#### OTHER PROCUREMENT, NAVY

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$9,097,138,000 |
| Budget estimate, 2020 .....    | 9,652,956,000   |
| Committee recommendation ..... | 10,568,201,000  |

The Committee recommends an appropriation of \$10,568,201,000. This is \$915,245,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
|      | OTHER PROCUREMENT, NAVY                              |      |                      |      |                          |             |                 |
|      | SHIPS SUPPORT EQUIPMENT                              |      |                      |      |                          |             |                 |
|      | SHIP PROPULSION EQUIPMENT                            |      |                      |      |                          |             |                 |
| 1    | SURFACE POWER EQUIPMENT                              |      | 14,490               |      | 14,490                   |             |                 |
|      | GENERATORS   |      |                      |      |                          |             |                 |
| 2    | SURFACE COMBATANT HM&E                               |      | 31,583               |      | 31,561                   |             | -22             |
|      | NAVIGATION EQUIPMENT                                 |      |                      |      |                          |             |                 |
| 3    | OTHER NAVIGATION EQUIPMENT                           |      | 77,404               |      | 77,404                   |             |                 |
|      | PERISCOPES   |      |                      |      |                          |             |                 |
| 4    | SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM |      | 160,803              |      | 160,803                  |             |                 |
|      | OTHER SHIPBOARD EQUIPMENT                            |      |                      |      |                          |             |                 |
| 5    | DDG MOD  |      | 566,140              |      | 561,140                  |             | -5,000          |
| 6    | FIREFIGHTING EQUIPMENT                               |      | 18,223               |      | 18,223                   |             |                 |
| 7    | COMMAND AND CONTROL SWITCHBOARD                      |      | 2,086                |      | 2,086                    |             |                 |
| 8    | LHA/LHD MIDLIFE                                      |      | 95,651               |      | 95,651                   |             |                 |
| 9    | POLLUTION CONTROL EQUIPMENT                          |      | 23,910               |      | 23,910                   |             |                 |
| 10   | SUBMARINE SUPPORT EQUIPMENT                          |      | 44,895               |      | 44,895                   |             |                 |
| 11   | VIRGINIA CLASS SUPPORT EQUIPMENT                     |      | 28,465               |      | 28,465                   |             |                 |
| 12   | LCS CLASS SUPPORT EQUIPMENT                          |      | 19,426               |      | 19,426                   |             |                 |
| 13   | SUBMARINE BATTERIES                                  |      | 26,290               |      | 24,590                   |             | -1,700          |
| 14   | LPD CLASS SUPPORT EQUIPMENT                          |      | 46,945               |      | 46,945                   |             |                 |
| 15   | DDG-1000 SUPPORT EQUIPMENT                           |      | 9,930                |      | 8,530                    |             | -1,400          |
| 16   | STRATEGIC PLATFORM SUPPORT EQUIP                     |      | 14,331               |      | 14,331                   |             |                 |
| 17   | DSSP EQUIPMENT                                       |      | 2,909                |      | 2,909                    |             |                 |
| 18   | CRUISER MODERNIZATION                                |      | 193,990              |      | 193,990                  |             |                 |
| 19   | LCAC   |      | 3,392                |      | 3,392                    |             |                 |
| 20   | UNDERWATER EOD PROGRAMS                              |      | 71,240               |      | 71,240                   |             |                 |
| 21   | ITEMS LESS THAN \$5 MILLION                          |      | 102,543              |      | 102,543                  |             |                 |
| 22   | CHEMICAL WARFARE DETECTORS                           |      | 2,961                |      | 2,961                    |             |                 |
| 23   | SUBMARINE LIFE SUPPORT SYSTEM                        |      | 6,635                |      | 6,635                    |             |                 |
|      | X SHIP MAINTENANCE, REPAIR AND MODERNIZATION         |      |                      |      | 1,200,000                |             | +1,200,000      |

[Dollars in thousands]

| Line | Item                                     | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 24   | REACTOR PLANT EQUIPMENT                  |      | 5,340                |      | 5,340                    |             |                 |
| 25   | REACTOR POWER UNITS                      |      | 465,726              |      | 462,749                  |             | -2,977          |
| 26   | OCEAN ENGINEERING                        |      | 11,854               |      | 11,854                   |             |                 |
| 27   | DIVING AND SALVAGE EQUIPMENT             |      | 79,102               |      | 79,102                   |             |                 |
| 28   | SMALL BOATS                              |      | 202,238              |      | 202,238                  |             |                 |
| 29   | OPERATING FACILITIES EQUIPMENT           |      | 51,553               |      | 51,553                   |             |                 |
| 30   | OTHER SHIP SUPPORT                       |      | 197,129              |      | 134,157                  |             | -62,972         |
| 31   | LCS COMMON MISSION MODULES EQUIPMENT     |      | 27,754               |      | 27,754                   |             |                 |
| 32   | LCS MCM MISSION MODULES                  |      | 26,566               |      | 26,566                   |             |                 |
| 33   | LCS ASW MISSION MODULES                  |      | 84,972               |      | 82,000                   |             | -2,972          |
| 34   | LCS IN-SERVICE MODERNIZATION             |      | 40,547               |      | 39,047                   |             | -1,500          |
| 35   | LOGISTICS SUPPORT                        |      | 40,269               |      | 40,269                   |             |                 |
|      | SMALL & MEDIUM UUV                       |      |                      |      |                          |             |                 |
|      | LSD MIDLIFE AND MODERNIZATION            |      |                      |      |                          |             |                 |
|      | SUBTOTAL                                 |      | 40,269               |      | 40,269                   |             |                 |
|      | TOTAL, SHIPS SUPPORT EQUIPMENT           |      | 2,797,292            |      | 3,918,749                |             | +1,121,457      |
|      | COMMUNICATIONS AND ELECTRONICS EQUIPMENT |      |                      |      |                          |             |                 |
| 36   | SHIP SONARS                              |      | 26,195               |      | 26,195                   |             |                 |
| 37   | SPQ-9B RADAR                             |      | 125,237              |      | 125,237                  |             |                 |
| 38   | AN/SQQ-89 SURF ASW COMBAT SYSTEM         |      | 366,968              |      | 378,968                  |             | +12,000         |
| 39   | SSN ACOUSTICS EQUIPMENT                  |      | 8,967                |      | 8,967                    |             |                 |
| 40   | UNDERSEA WARFARE SUPPORT EQUIPMENT       |      | 23,545               |      | 23,545                   |             |                 |
|      | ASW ELECTRONIC EQUIPMENT                 |      |                      |      |                          |             |                 |
|      | SUBMARINE ACOUSTIC WARFARE SYSTEM        |      |                      |      |                          |             |                 |

|    |   |         |         |         |         |
|----|---|---------|---------|---------|---------|
| 41 | SSID .....  | 12,439  | 12,439  | 12,439  | 12,439  |
| 42 | FIXED SURVEILLANCE SYSTEM .....                     | 128,441 | 128,441 | 128,441 | 128,441 |
| 43 | SURTASS .....                                       | 21,923  | 21,923  | 21,923  | 21,923  |
|    | ELECTRONIC WARFARE EQUIPMENT                        |         |         |         |         |
| 44 | AWSLQ-32 .....                                      | 420,154 | 420,154 | 346,544 | -73,610 |
|    | RECONNAISSANCE EQUIPMENT                            |         |         |         |         |
| 45 | SHIPBOARD IW EXPLOIT .....                          | 194,758 | 194,758 | 188,486 | -6,272  |
| 46 | AUTOMATED IDENTIFICATION SYSTEM (AIS) .....         | 5,368   | 5,368   | 5,368   |         |
|    | OTHER SHIP ELECTRONIC EQUIPMENT                     |         |         |         |         |
| 47 | COOPERATIVE ENGAGEMENT CAPABILITY .....             | 35,128  | 35,128  | 35,128  |         |
| 48 | NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) ..... | 15,154  | 15,154  | 15,154  |         |
| 49 | ATDLS .....   | 52,753  | 52,753  | 52,753  |         |
| 50 | NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....        | 3,390   | 3,390   | 3,390   |         |
| 51 | MINESWEEPING SYSTEM REPLACEMENT .....               | 19,448  | 19,448  | 19,448  |         |
| 52 | SHALLOW WATER MCM .....                             | 8,730   | 8,730   | 8,730   |         |
| 53 | NAVSTAR GPS RECEIVERS (SPACE) .....                 | 32,674  | 32,674  | 23,294  | -9,380  |
| 54 | ARMED FORCES RADIO AND TV .....                     | 2,617   | 2,617   | 2,617   |         |
| 55 | STRATEGIC PLATFORM SUPPORT EQUIP .....              | 7,973   | 7,973   | 7,973   |         |
|    | AVIATION ELECTRONIC EQUIPMENT                       |         |         |         |         |
| 56 | ASHORE ATC EQUIPMENT .....                          | 72,406  | 72,406  | 72,406  |         |
| 57 | AFLOAT ATC EQUIPMENT .....                          | 67,410  | 64,910  | 64,910  | -2,500  |
| 58 | ID SYSTEMS .....                                    | 26,059  | 26,059  | 26,059  |         |
| 59 | JOINT PRECISION APPROACH AND LANDING SYSTEM .....   | 92,695  | 78,195  | 78,195  | -14,500 |
| 60 | NAVAL MISSION PLANNING SYSTEMS .....                | 15,296  | 15,296  | 15,296  |         |
|    | OTHER SHORE ELECTRONIC EQUIPMENT                    |         |         |         |         |
| 61 | TACTICAL/MOBILE C4I SYSTEMS .....                   | 36,226  | 36,226  | 36,226  |         |
| 62 | DOGS-N .....  | 21,788  | 19,038  | 19,038  | -2,750  |
| 63 | CANES .....   | 426,654 | 395,154 | 395,154 | -31,500 |
| 64 | RADIAC .....  | 6,450   | 6,450   | 6,450   |         |
| 65 | CANES-INTELL .....                                  | 52,713  | 52,713  | 52,713  |         |
| 66 | GPETE .....   | 13,028  | 13,028  | 13,028  |         |
| 67 | MASF .....  | 5,193   | 5,193   | 5,193   |         |
| 68 | INTEG COMBAT SYSTEM TEST FACILITY .....             | 6,028   | 6,028   | 6,028   |         |
| 69 | EMI CONTROL INSTRUMENTATION .....                   | 4,209   | 4,209   | 4,209   |         |
| 70 | ITEMS LESS THAN \$5 MILLION .....                   | 168,436 | 139,436 | 139,436 | -29,000 |
|    | SHIPBOARD COMMUNICATIONS                            |         |         |         |         |
| 71 | SHIPBOARD TACTICAL COMMUNICATIONS .....             | 55,853  | 50,053  | 50,053  | -5,800  |

[Dollars in thousands]

| Line | Item  | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
| 72   | SHIP COMMUNICATIONS AUTOMATION .....                  |      | 137,861              |      | 131,461                  |             | -6,400          |
| 73   | COMMUNICATIONS ITEMS UNDER \$5M .....                 |      | 35,093               |      | 31,493                   |             | -3,600          |
| 74   | SUBMARINE COMMUNICATIONS .....                        |      | 50,833               |      | 50,833                   |             |                 |
| 75   | SUBMARINE BROADCAST SUPPORT .....                     |      | 69,643               |      | 69,643                   |             |                 |
| 76   | SUBMARINE COMMUNICATION EQUIPMENT .....               |      |                      |      |                          |             |                 |
| 76   | SATELLITE COMMUNICATIONS .....                        |      | 45,841               |      | 45,841                   |             |                 |
| 77   | SATELLITE COMMUNICATIONS SYSTEMS .....                |      | 88,021               |      | 81,785                   |             | -6,236          |
| 77   | NAVY MULTIBAND TERMINAL (NMT) .....                   |      |                      |      |                          |             |                 |
| 78   | SHORE COMMUNICATIONS .....                            |      | 4,293                |      | 4,293                    |             |                 |
| 78   | JCS COMMUNICATIONS EQUIPMENT .....                    |      |                      |      |                          |             |                 |
| 79   | CRYPTOGRAPHIC EQUIPMENT .....                         |      | 166,540              |      | 166,540                  |             |                 |
| 79   | INFO SYSTEMS SECURITY PROGRAM (ISSP) .....            |      | 968                  |      | 968                      |             |                 |
| 80   | MIO INTEL EXPLOITATION TEAM .....                     |      |                      |      |                          |             |                 |
| 81   | CRYPTOLOGIC EQUIPMENT .....                           |      | 13,090               |      | 13,090                   |             |                 |
| 81   | CRYPTOLOGIC COMMUNICATIONS EQUIP .....                |      |                      |      |                          |             |                 |
| 83   | OTHER ELECTRONIC SUPPORT .....                        |      | 61,370               |      | 61,370                   |             |                 |
| 83   | COAST GUARD EQUIPMENT .....                           |      |                      |      |                          |             |                 |
|      | TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT ..... |      | 3,255,859            |      | 3,076,311                |             | -179,548        |
|      | AVIATION SUPPORT EQUIPMENT .....                      |      |                      |      |                          |             |                 |
| 85   | SONOBUOYS .....                                       |      | 260,644              |      | 310,644                  |             | + 50,000        |
| 85   | SONOBUOYS—ALL TYPES .....                             |      |                      |      |                          |             |                 |
| 86   | AIRCRAFT SUPPORT EQUIPMENT .....                      |      | 5,000                |      | 5,000                    |             |                 |
| 86   | MINOTAUR .....  |      | 101,843              |      | 101,843                  |             |                 |
| 87   | WEAPONS RANGE SUPPORT EQUIPMENT .....                 |      | 145,601              |      | 145,601                  |             |                 |
| 88   | AIRCRAFT SUPPORT EQUIPMENT .....                      |      | 4,725                |      | 4,725                    |             |                 |
| 89   | ADVANCED ARRESTING GEAR (AAG) .....                   |      | 14,687               |      | 12,407                   |             | -2,280          |
| 90   | METEOROLOGICAL EQUIPMENT .....                        |      | 19,250               |      | 18,918                   |             | -332            |
| 92   | AIRBORNE MINE COUNTERMEASURES .....                   |      | 792                  |      | 792                      |             |                 |
| 93   | LAMPS EQUIPMENT .....                                 |      |                      |      |                          |             |                 |

|     |   |           |           |           |           |       |       |       |          |
|-----|---|-----------|-----------|-----------|-----------|-------|-------|-------|----------|
| 94  | AVIATION SUPPORT EQUIPMENT .....                        | 55,415    | 55,415    | 55,415    | 55,415    | ..... | ..... | ..... | .....    |
| 95  | UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CONTROL ..... | 32,668    | 32,668    | 5,668     | 5,668     | ..... | ..... | ..... | - 27,000 |
|     | TOTAL, AVIATION SUPPORT EQUIPMENT .....                 | 640,825   | 640,825   | 661,013   | 661,013   | ..... | ..... | ..... | + 20,388 |
|     | ORDNANCE SUPPORT EQUIPMENT .....                        |           |           |           |           |       |       |       |          |
| 96  | SHIP GUN SYSTEM EQUIPMENT .....                         | 5,451     | 5,451     | 5,451     | 5,451     | ..... | ..... | ..... | .....    |
|     | SHIP GUN SYSTEMS EQUIPMENT .....                        |           |           |           |           |       |       |       |          |
| 97  | SHIP MISSILE SYSTEMS EQUIPMENT .....                    | 1,100     | 1,100     | 1,100     | 1,100     | ..... | ..... | ..... | .....    |
| 98  | HARPOON SUPPORT EQUIPMENT .....                         | 228,104   | 228,104   | 293,104   | 293,104   | ..... | ..... | ..... | + 65,000 |
| 99  | SHIP MISSILE SUPPORT EQUIPMENT .....                    | 78,593    | 78,593    | 57,593    | 57,593    | ..... | ..... | ..... | - 21,000 |
|     | TOMAHAWK SUPPORT EQUIPMENT .....                        |           |           |           |           |       |       |       |          |
| 100 | FBM SUPPORT EQUIPMENT .....                             | 280,510   | 280,510   | 280,510   | 280,510   | ..... | ..... | ..... | .....    |
|     | STRATEGIC MISSILE SYSTEMS EQUIP .....                   |           |           |           |           |       |       |       |          |
|     | ASW SUPPORT EQUIPMENT .....                             |           |           |           |           |       |       |       |          |
| 101 | SSN COMBAT CONTROL SYSTEMS .....                        | 148,547   | 148,547   | 148,547   | 148,547   | ..... | ..... | ..... | .....    |
| 102 | ASW SUPPORT EQUIPMENT .....                             | 21,130    | 21,130    | 21,130    | 21,130    | ..... | ..... | ..... | .....    |
|     | OTHER ORDNANCE SUPPORT EQUIPMENT .....                  |           |           |           |           |       |       |       |          |
| 103 | EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....                 | 15,244    | 15,244    | 15,244    | 15,244    | ..... | ..... | ..... | .....    |
| 104 | ITEMS LESS THAN \$5 MILLION .....                       | 5,071     | 5,071     | 5,071     | 5,071     | ..... | ..... | ..... | .....    |
|     | OTHER EXPENDABLE ORDNANCE .....                         |           |           |           |           |       |       |       |          |
| 105 | ANTI-SHIP MISSILE DECOY SYSTEM .....                    | 41,962    | 41,962    | 37,318    | 37,318    | ..... | ..... | ..... | - 4,644  |
| 106 | SUBMARINE TRAINING DEVICE MODS .....                    | 75,057    | 75,057    | 75,057    | 75,057    | ..... | ..... | ..... | .....    |
| 107 | SURFACE TRAINING EQUIPMENT .....                        | 233,175   | 233,175   | 222,647   | 222,647   | ..... | ..... | ..... | - 10,528 |
|     | TOTAL, ORDNANCE SUPPORT EQUIPMENT .....                 | 1,133,944 | 1,133,944 | 1,162,772 | 1,162,772 | ..... | ..... | ..... | + 28,828 |
|     | CIVIL ENGINEERING SUPPORT EQUIPMENT .....               |           |           |           |           |       |       |       |          |
| 108 | PASSENGER CARRYING VEHICLES .....                       | 4,562     | 4,562     | 4,562     | 4,562     | ..... | ..... | ..... | .....    |
| 109 | GENERAL PURPOSE TRUCKS .....                            | 10,974    | 10,974    | 9,474     | 9,474     | ..... | ..... | ..... | - 1,500  |
| 110 | CONSTRUCTION & MAINTENANCE EQUIP .....                  | 43,191    | 43,191    | 43,191    | 43,191    | ..... | ..... | ..... | .....    |
| 111 | FIRE FIGHTING EQUIPMENT .....                           | 21,142    | 21,142    | 21,142    | 21,142    | ..... | ..... | ..... | .....    |
| 112 | TACTICAL VEHICLES .....                                 | 33,432    | 33,432    | 33,432    | 33,432    | ..... | ..... | ..... | .....    |
| 114 | POLLUTION CONTROL EQUIPMENT .....                       | 2,633     | 2,633     | 2,633     | 2,633     | ..... | ..... | ..... | .....    |
| 115 | ITEMS UNDER \$5 MILLION .....                           | 53,467    | 53,467    | 53,467    | 53,467    | ..... | ..... | ..... | .....    |
| 116 | PHYSICAL SECURITY VEHICLES .....                        | 1,173     | 1,173     | 1,173     | 1,173     | ..... | ..... | ..... | .....    |
|     | TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT .....        | 170,574   | 170,574   | 169,074   | 169,074   | ..... | ..... | ..... | - 1,500  |

[Dollars in thousands]

| Line | Item   | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
| 117  | SUPPLY SUPPORT EQUIPMENT                       |      | 16,730               |      | 16,730                   |             |                 |
| 118  | SUPPLY EQUIPMENT                               |      | 5,389                |      | 5,389                    |             |                 |
| 119  | FIRST DESTINATION TRANSPORTATION               |      | 654,674              |      | 593,574                  |             | -61,100         |
|      | SPECIAL PURPOSE SUPPLY SYSTEMS                 |      |                      |      |                          |             |                 |
|      | TOTAL, SUPPLY SUPPORT EQUIPMENT                |      | 676,793              |      | 615,693                  |             | -61,100         |
|      | PERSONNEL AND COMMAND SUPPORT EQUIPMENT        |      |                      |      |                          |             |                 |
|      | TRAINING DEVICES                               |      |                      |      |                          |             |                 |
| 120  | TRAINING SUPPORT EQUIPMENT                     |      | 3,633                |      | 3,633                    |             |                 |
| 121  | TRAINING AND EDUCATION EQUIPMENT               |      | 97,636               |      | 94,356                   |             | -3,280          |
|      | COMMAND SUPPORT EQUIPMENT                      |      |                      |      |                          |             |                 |
| 122  | COMMAND SUPPORT EQUIPMENT                      |      | 66,102               |      | 56,102                   |             | -10,000         |
| 123  | MEDICAL SUPPORT EQUIPMENT                      |      | 3,633                |      | 3,633                    |             |                 |
| 125  | NAVAL MIP SUPPORT EQUIPMENT                    |      | 6,097                |      | 6,097                    |             |                 |
| 126  | OPERATING FORCES SUPPORT EQUIPMENT             |      | 16,905               |      | 16,905                   |             |                 |
| 127  | CAISR EQUIPMENT                                |      | 30,146               |      | 30,146                   |             |                 |
| 128  | ENVIRONMENTAL SUPPORT EQUIPMENT                |      | 21,986               |      | 21,986                   |             |                 |
| 129  | PHYSICAL SECURITY EQUIPMENT                    |      | 160,046              |      | 160,046                  |             |                 |
| 130  | ENTERPRISE INFORMATION TECHNOLOGY              |      | 56,899               |      | 56,899                   |             |                 |
| 133  | NEXT GENERATION ENTERPRISE SERVICE             |      | 122,832              |      | 122,832                  |             |                 |
|      | TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT |      | 585,915              |      | 572,635                  |             | -13,280         |
| 134  | SPARES AND REPAIR PARTS                        |      | 375,608              |      | 375,608                  |             |                 |
|      | CLASSIFIED PROGRAMS                            |      | 16,346               |      | 16,346                   |             |                 |
|      | TOTAL, OTHER PROCUREMENT, NAVY                 |      | 9,652,956            |      | 10,568,201               |             | +915,245        |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 2    | Surface Combatant HM&E .....  | 31,583               | 31,561                   | - 22                        |
|      | Restoring acquisition accountability: Twisted rudder installation ahead of need .....                                 |                      |                          | - 22                        |
| 5    | DDG Mod .....   | 566,140              | 561,140                  | - 5,000                     |
|      | Restoring acquisition accountability: Aegis modernization testing excess execution funds .....                        |                      |                          | - 5,000                     |
|      | Restoring acquisition accountability: Combat system ship qualification trials excess execution funds ....             |                      |                          | - 9,000                     |
|      | Program increase: Integrated training and maintenance support system .....  |                      |                          | + 9,000                     |
| 13   | Submarine Batteries .....   | 26,290               | 24,590                   | - 1,700                     |
|      | Restoring acquisition accountability: Unit cost growth .....  |                      |                          | - 1,700                     |
| 15   | DDG 1000 Class Support Equipment .....  | 9,930                | 8,530                    | - 1,400                     |
|      | Restoring acquisition accountability: Maritime strike tomahawk integration ahead of need .....                        |                      |                          | - 1,400                     |
| 23x  | Ship Maintenance, Repair and Modernization .....  |                      | 1,200,000                | + 1,200,000                 |
|      | Transfer: From Operation and Maintenance, Navy line 1B4B for Pacific Fleet ship maintenance pilot program .....       |                      |                          | + 1,200,000                 |
| 25   | Reactor Components .....  | 465,726              | 462,749                  | - 2,977                     |
|      | Restoring acquisition accountability: Unit cost growth .....  |                      |                          | - 2,977                     |
| 30   | LCS MCM Mission Modules .....   | 197,129              | 134,157                  | - 62,972                    |
|      | Restoring acquisition accountability: Unmanned surface vehicles excess growth before test completion .....            |                      |                          | - 35,196                    |
|      | Restoring acquisition accountability: Minesweeping payload delivery system excess growth before test completion ..... |                      |                          | - 2,277                     |
|      | Restoring acquisition accountability: Minehunting payload delivery systems excess growth before test completion ..... |                      |                          | - 11,499                    |
|      | Improving funds management: Reduce one knifefish system due to contract delay .....                                   |                      |                          | - 14,000                    |
| 33   | LCS In-Service Modernization .....  | 84,972               | 82,000                   | - 2,972                     |
|      | Restoring acquisition accountability: Habitability modification cost growth .....                                     |                      |                          | - 2,972                     |
| 34   | Small & Medium UUV .....  | 40,547               | 39,047                   | - 1,500                     |
|      | Restoring acquisition accountability: Knifefish unit cost growth .....  |                      |                          | - 1,500                     |
| 38   | SSN Acoustic Equipment .....  | 366,968              | 378,968                  | + 12,000                    |
|      | Program increase .....  |                      |                          | + 12,000                    |
| 44   | AN/SLQ-32 .....   | 420,154              | 346,544                  | - 73,610                    |
|      | Restoring acquisition accountability: Solid state product support integrator funding ahead of need .....              |                      |                          | - 1,778                     |
|      | Restoring acquisition accountability: Block 3 multi-purpose reconfigurable training systems ahead of need .....       |                      |                          | - 1,410                     |
|      | Restoring acquisition accountability: Block 1B3 installations previously funded .....                                 |                      |                          | - 2,300                     |
|      | Restoring acquisition accountability: Excess Block 3 systems .....  |                      |                          | - 65,758                    |
|      | Restoring acquisition accountability: Block 3 installation funding ahead of need .....                                |                      |                          | - 2,364                     |
| 45   | Shipboard IW Exploit .....  | 194,758              | 188,486                  | - 6,272                     |
|      | Restoring acquisition accountability: SSEE modifications unit cost growth .....                                       |                      |                          | - 1,472                     |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Restoring acquisition accountability: SSEE modifications installation previously funded .....                  |                      |                          | - 4,800                     |
| 53   | Navstar GPS Receivers (SPACE) .....  | 32,674               | 23,294                   | - 9,380                     |
|      | Improving funds management: GPNTS excess growth .....  |                      |                          | - 9,380                     |
| 57   | Afloat ATC Equipment .....   | 67,410               | 64,910                   | - 2,500                     |
|      | Restoring acquisition accountability: AN/SPN-50(V)1 excess support costs .....                                 |                      |                          | - 2,500                     |
| 59   | Joint Precision Approach And Landing System .....  | 92,695               | 78,195                   | - 14,500                    |
|      | Improving funds management: Excess growth .....  |                      |                          | - 14,500                    |
| 62   | DCGS-N .....   | 21,788               | 19,038                   | - 2,750                     |
|      | Restoring acquisition accountability: Installation funding ahead of need .....                                 |                      |                          | - 2,750                     |
| 63   | CANES .....  | 426,654              | 395,154                  | - 31,500                    |
|      | Restoring acquisition accountability: Installations previously funded .....                                    |                      |                          | - 31,500                    |
| 70   | Items Less Than \$5 Million .....  | 168,436              | 139,436                  | - 29,000                    |
|      | Restoring acquisition accountability: Next generation surface search radar unit cost growth .....              |                      |                          | - 2,500                     |
|      | Restoring acquisition accountability: Next generation surface ship radar installation early to need .....      |                      |                          | - 26,500                    |
| 71   | Shipboard Tactical Communications .....  | 55,853               | 50,053                   | - 5,800                     |
|      | Improving funds management: Prior year carryover ...   |                      |                          | - 5,800                     |
| 72   | Ship Communications Automation .....   | 137,861              | 131,461                  | - 6,400                     |
|      | Restoring acquisition accountability: STACC unit cost growth .....   |                      |                          | - 6,400                     |
| 73   | Communications Items Under 5M .....  | 35,093               | 31,493                   | - 3,600                     |
|      | Improving funds management: Prior year carryover ...   |                      |                          | - 3,600                     |
| 77   | Navy Multiband Terminal [NMT] .....  | 88,021               | 81,785                   | - 6,236                     |
|      | Restoring acquisition accountability: Afloat prior year contract savings .....                                 |                      |                          | - 4,055                     |
|      | Restoring acquisition accountability: Ashore kit previously funded .....                                       |                      |                          | - 2,181                     |
| 85   | Sonobuoys—All Types .....  | 260,644              | 310,644                  | + 50,000                    |
|      | Program increase .....   |                      |                          | + 50,000                    |
| 90   | Meteorological Equipment .....   | 14,687               | 12,407                   | - 2,280                     |
|      | Restoring acquisition accountability: ASOS upgrades cost growth .....  |                      |                          | - 2,280                     |
| 92   | Legacy Airborne MCM .....  | 19,250               | 18,918                   | - 332                       |
|      | Improving funds management: Prior year contract savings .....  |                      |                          | - 332                       |
| 95   | UMCS-Unman Carrier Aviation [UCA] Mission Cntrl .....  | 32,668               | 5,668                    | - 27,000                    |
|      | Restoring acquisition accountability: Funding ahead of need .....  |                      |                          | - 27,000                    |
| 98   | Ship Missile Support Equipment .....   | 228,104              | 293,104                  | + 65,000                    |
|      | Program increase: High energy laser and integrated optical-dazzler with surveillance [HELIOS] .....            |                      |                          | + 65,000                    |
| 99   | Tomahawk Support Equipment .....   | 78,593               | 57,593                   | - 21,000                    |
|      | Restoring acquisition accountability: TMPC 7.0 funding ahead of need .....                                     |                      |                          | - 21,000                    |
| 105  | Anti-Ship Missile Decoy System .....   | 41,962               | 37,318                   | - 4,644                     |
|      | Restoring acquisition accountability: Nulka decoy unit cost growth .....                                       |                      |                          | - 4,644                     |
| 107  | Surface Training Equipment .....   | 233,175              | 222,647                  | - 10,528                    |
|      | Restoring acquisition accountability: LCS Integrated Tactics Trainer modernization funding ahead of need ..... |                      |                          | - 6,133                     |
|      | Restoring acquisition accountability: BFFT ship sets installation funding excess .....                         |                      |                          | - 1,515                     |
|      | Restoring acquisition accountability: BFFT upgrade kits installation funding ahead of need .....               |                      |                          | - 2,880                     |
| 109  | General Purpose Trucks .....   | 10,974               | 9,474                    | - 1,500                     |
|      | Improving funds management: Prior year carryover ...   |                      |                          | - 1,500                     |
| 119  | Special Purpose Supply Systems .....   | 654,674              | 593,574                  | - 61,100                    |
|      | Classified adjustment .....  |                      |                          | - 61,100                    |



[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
| 121  | Training and Education Equipment .....   | 97,636               | 94,356                   | - 3,280                     |
|      | Restoring acquisition accountability: A2AD training equipment unit cost growth .....     |                      |                          | - 180                       |
|      | Restoring acquisition accountability: Fleet training wholeness excess growth .....       |                      |                          | - 3,100                     |
| 122  | Command Support Equipment .....  | 66,102               | 56,102                   | - 10,000                    |
|      | Restoring acquisition accountability: Fleet Forces Command equipment excess growth ..... |                      |                          | - 10,000                    |

*Bromine-Free Water Purification Systems.*—The Committee has previously encouraged and provided funding for the Navy to explore and pilot bromine-free shipboard water disinfectant systems in destroyers, as it does with large deck ships. The Committee understands that technology improvements make bromine-free systems more practical for smaller ships and that the current variants of the Littoral Combat Ship [LCS] use bromine-based disinfectant methods under a waiver from the Navy’s Bureau of Medicine and Surgery [BUMED]. The Committee encourages the Navy to accelerate the use of bromine-free water disinfectant systems in both destroyers and LCS in order to remove hazardous materials from ships and eliminate the need for continued BUMED waivers.

*Unmanned Underwater Vehicles.*—The Committee is encouraged by the Navy’s ongoing efforts to explore, demonstrate, and prove the utility of Unmanned Underwater Vehicles [UUVs] across multiple concepts of operation and further encourages the Navy to consider the use of ship-launched UUVs for the anti-submarine warfare mission set.

#### PROCUREMENT, MARINE CORPS

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$2,719,870,000 |
| Budget estimate, 2020 .....    | 3,090,449,000   |
| Committee recommendation ..... | 3,045,749,000   |

The Committee recommends an appropriation of \$3,045,749,000. This is \$44,700,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
|      | PROCUREMENT, MARINE CORPS                           |      |                      |      |                          |             |                 |
|      | WEAPONS AND COMBAT VEHICLES                         |      |                      |      |                          |             |                 |
|      | TRACKED COMBAT VEHICLES                             |      |                      |      |                          |             |                 |
| 1    | AAV7A1 PIP .....                                    |      | 39,495               |      | 39,495                   |             |                 |
| 2    | AMPHIBIOUS COMBAT VEHICLE 1.1 .....                 | 56   | 317,935              | 56   | 300,935                  |             | -17,000         |
| 3    | LAV PIP .....                                       |      | 60,734               |      | 60,734                   |             |                 |
|      | ARTILLERY AND OTHER WEAPONS                         |      |                      |      |                          |             |                 |
| 4    | 155MM LIGHTWEIGHT TOWED HOWITZER .....              |      | 25,065               |      | 25,065                   |             |                 |
| 5    | ARTILLERY WEAPONS SYSTEM .....                      |      | 100,002              |      | 100,002                  |             |                 |
| 6    | WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION ..... |      | 31,945               |      | 31,945                   |             |                 |
|      | OTHER SUPPORT                                       |      |                      |      |                          |             |                 |
| 7    | MODIFICATION KITS .....                             |      | 22,760               |      | 22,760                   |             |                 |
|      | TOTAL, WEAPONS AND COMBAT VEHICLES .....            |      |                      |      |                          |             |                 |
|      |   |      | 597,936              |      | 580,936                  |             | -17,000         |
|      | GUIDED MISSILES AND EQUIPMENT                       |      |                      |      |                          |             |                 |
|      | GUIDED MISSILES                                     |      |                      |      |                          |             |                 |
| 8    | GROUND BASED AIR DEFENSE .....                      |      | 175,998              |      | 175,998                  |             |                 |
| 9    | JAVELIN .....                                       | 97   | 20,207               | 97   | 20,207                   |             |                 |
| 10   | FOLLOW ON TO SIMAW/FOAWIS .....                     |      | 21,913               |      | 21,913                   |             |                 |
| 11   | ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAMS-H)/TOW .....  |      | 60,501               |      | 60,501                   |             |                 |
| 12   | GUIDED MLRS ROCKET (GMLRS) .....                    | 210  | 29,062               | 210  | 29,062                   |             |                 |
|      | TOTAL, GUIDED MISSILES AND EQUIPMENT .....          |      |                      |      |                          |             |                 |
|      |   |      | 307,681              |      | 307,681                  |             |                 |
|      | COMMUNICATIONS AND ELECTRONICS EQUIPMENT            |      |                      |      |                          |             |                 |
|      | COMMAND AND CONTROL SYSTEMS                         |      |                      |      |                          |             |                 |
| 13   | COMMON AVIATION COMMAND AND CONTROL SYS .....       |      | 37,203               |      | 37,203                   |             |                 |
|      | REPAIR AND TEST EQUIPMENT                           |      |                      |      |                          |             |                 |
| 14   | REPAIR AND TEST EQUIPMENT .....                     |      | 55,156               |      | 55,156                   |             |                 |
| 15   | MODIFICATION KITS .....                             |      | 4,945                |      | 4,945                    |             |                 |



[Dollars in thousands]

| Line | Item   | Qty.  | 2020 budget estimate | Qty.  | Committee recommendation | Change from |                 |
|------|--|-------|----------------------|-------|--------------------------|-------------|-----------------|
|      |  |       |                      |       |                          | Qty.        | Budget estimate |
| 43   | POWER EQUIPMENT ASSORTED .....                         | ..... | 22,441               | ..... | 22,441                   | .....       | .....           |
| 44   | AMPHIBIOUS SUPPORT EQUIPMENT .....                     | ..... | 7,101                | ..... | 7,101                    | .....       | .....           |
| 45   | EOD SYSTEMS .....                                      | ..... | 44,700               | ..... | 44,700                   | .....       | .....           |
| 46   | MATERIALS HANDLING EQUIPMENT .....                     | ..... | 15,404               | ..... | 15,404                   | .....       | .....           |
|      | PHYSICAL SECURITY EQUIPMENT .....                      | ..... |                      | ..... |                          | .....       | .....           |
|      | GENERAL PROPERTY .....                                 | ..... |                      | ..... |                          | .....       | .....           |
| 47   | FIELD MEDICAL EQUIPMENT .....                          | ..... | 2,898                | ..... | 2,898                    | .....       | .....           |
| 48   | TRAINING DEVICES .....                                 | ..... | 149,567              | ..... | 149,567                  | .....       | .....           |
| 49   | FAMILY OF CONSTRUCTION EQUIPMENT .....                 | ..... | 35,622               | ..... | 35,622                   | .....       | .....           |
| 50   | FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV) ..... | ..... | 647                  | ..... | 647                      | .....       | .....           |
|      | OTHER SUPPORT .....                                    | ..... |                      | ..... |                          | .....       | .....           |
| 51   | ITEMS LESS THAN \$5 MILLION .....                      | ..... | 10,956               | ..... | 10,956                   | .....       | .....           |
|      | TOTAL, ENGINEER AND OTHER EQUIPMENT .....              | ..... | 289,883              | ..... | 289,883                  | .....       | .....           |
| 52   | SPARES AND REPAIR PARTS .....                          | ..... | 33,470               | ..... | 33,470                   | .....       | .....           |
|      | CLASSIFIED PROGRAMS .....                              | ..... | 5,535                | ..... | 5,535                    | .....       | .....           |
|      | TOTAL, PROCUREMENT, MARINE CORPS .....                 | ..... | 3,090,449            | ..... | 3,045,749                | .....       | -44,700         |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
| 2    | Amphibious Combat Vehicle 1.1 .....                            | 317,935              | 300,935                  | - 17,000                    |
|      | Improving funds management: Forward financing .....            | .....                | .....                    | - 15,000                    |
|      | Restoring acquisition accountability: Unit cost growth ..      | .....                | .....                    | - 2,000                     |
| 16   | Items Under \$5 Million (Comm & Elec) .....                    | 112,124              | 82,424                   | - 29,700                    |
|      | Maintain program affordability: Maintain level of effort ..... | .....                | .....                    | - 29,700                    |
| 33   | Radio Systems .....  | 227,320              | 229,320                  | + 2,000                     |
|      | Program increase: GBS receive suite .....                      | .....                | .....                    | + 2,000                     |

## AIRCRAFT PROCUREMENT, AIR FORCE

|                                |                  |
|--------------------------------|------------------|
| Appropriations, 2019 .....     | \$17,112,337,000 |
| Budget estimate, 2020 .....    | 16,784,279,000   |
| Committee recommendation ..... | 17,308,918,000   |

The Committee recommends an appropriation of \$17,308,918,000. This is \$524,639,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
|      | AIRCRAFT PROCUREMENT, AIR FORCE                           |      |                      |      |                          |             |                 |
|      | COMBAT AIRCRAFT   |      |                      |      |                          |             |                 |
|      | TACTICAL FORCES   |      |                      |      |                          |             |                 |
| 1    | F-35 .....  | 48   | 4,274,359            | 60   | 5,286,259                | +12         | +1,011,900      |
| 2    | F-35 [AP-CY] .....  |      | 655,500              |      | 811,500                  |             | +156,000        |
| 3    | F-15E .....   | 8    | 1,050,000            | 6    | 628,000                  | -2          | -422,000        |
|      | TOTAL, COMBAT AIRCRAFT .....                              |      | 5,979,859            |      | 6,725,759                |             | +745,900        |
|      | AIRLIFT AIRCRAFT/TACTICAL AIRLIFT                         |      |                      |      |                          |             |                 |
| 5    | KC-46A TANKER .....                                       | 12   | 2,234,529            | 12   | 2,127,755                |             | -106,774        |
|      | OTHER AIRLIFT   |      |                      |      |                          |             |                 |
| 6    | C-130J .....  |      | 12,156               |      | 12,156                   |             |                 |
| 8    | MC-130J .....   | 8    | 871,207              | 9    | 857,607                  | +1          | -13,600         |
| 9    | MC-130J (AP) .....  |      | 40,000               |      | 40,000                   |             |                 |
|      | TOTAL, AIRLIFT AIRCRAFT .....                             |      | 3,157,892            |      | 3,037,518                |             | -120,374        |
|      | OTHER AIRCRAFT  |      |                      |      |                          |             |                 |
|      | HELICOPTERS   |      |                      |      |                          |             |                 |
| 10   | COMBAT RESCUE HELICOPTER .....                            | 12   | 884,235              |      | 856,735                  | -12         | -27,500         |
|      | MISSION SUPPORT AIRCRAFT                                  |      |                      |      |                          |             |                 |
| 11   | C-37A .....   | 2    | 161,000              | 2    | 147,500                  |             | -13,500         |
| 12   | CIVIL AIR PATROL A/C .....                                | 4    | 2,767                | 4    | 11,000                   |             | +8,233          |
|      | OTHER AIRCRAFT  |      |                      |      |                          |             |                 |
| 14   | TARGET DRONES .....                                       | 37   | 130,837              | 37   | 130,837                  |             |                 |
| 15   | COMPASS CALL .....  | 1    | 114,095              | 2    | 254,895                  | +1          | +140,800        |
| 16   | OBSERVATION ATTACK REPLACEMENT (OA-X) LIGHT ATTACK' ..... |      |                      | 6    | 210,000                  | +6          | +210,000        |
| 17   | MQ-9 .....  | 3    | 189,205              | 3    | 106,560                  |             | -82,645         |
|      | TOTAL, OTHER AIRCRAFT .....                               |      | 1,482,139            |      | 1,717,527                |             | +235,388        |

| MODIFICATION OF INSERVICE AIRCRAFT |   |         |         |  |  |  |          |
|------------------------------------|---|---------|---------|--|--|--|----------|
| 19                                 | STRATEGIC AIRCRAFT                      |         |         |  |  |  |          |
|                                    | B-2A                                    | 9,582   | 9,582   |  |  |  |          |
| 20                                 | B-1B                                    | 22,111  | 12,958  |  |  |  | -9,153   |
| 21                                 | B-52                                    | 69,648  | 36,001  |  |  |  | -33,647  |
| 22                                 | LARGE AIRCRAFT INFRARED COUNTERMEASURES | 43,758  | 43,758  |  |  |  |          |
|                                    | TACTICAL AIRCRAFT                       |         |         |  |  |  |          |
| 23                                 | A-10                                    | 132,069 | 125,825 |  |  |  | -6,244   |
| 24                                 | E-11 BACN/HAG                           | 70,027  | 70,027  |  |  |  |          |
| 25                                 | F-15                                    | 481,073 | 474,767 |  |  |  | -6,306   |
| 26                                 | F-16                                    | 234,782 | 283,000 |  |  |  | +48,218  |
| 28                                 | F-22A                                   | 323,597 | 157,597 |  |  |  | -166,000 |
| 30                                 | F-35 MODIFICATIONS                      | 343,590 | 299,590 |  |  |  | -44,000  |
| 31                                 | F-15 EPAW                               | 149,047 | 125,417 |  |  |  | -23,630  |
| 32                                 | INCREMENT 3.2b                          | 20,213  | 14,913  |  |  |  | -5,300   |
| 33                                 | KC-46A MODS                             | 10,213  | 10,213  |  |  |  |          |
|                                    | AIRLIFT AIRCRAFT                        |         |         |  |  |  |          |
| 34                                 | C-5                                     | 73,550  | 57,937  |  |  |  | -15,613  |
| 36                                 | C-17A                                   | 60,244  | 60,244  |  |  |  |          |
| 37                                 | C-21                                    | 216     | 216     |  |  |  |          |
| 38                                 | C-32A                                   | 11,511  | 11,511  |  |  |  |          |
| 39                                 | C-37A                                   | 435     | 435     |  |  |  |          |
|                                    | TRAINER AIRCRAFT                        |         |         |  |  |  |          |
| 40                                 | GLIDER MODS                             | 138     | 138     |  |  |  |          |
| 41                                 | T-1                                     | 11,826  | 11,826  |  |  |  |          |
| 42                                 | T-1                                     | 26,787  | 26,787  |  |  |  |          |
| 43                                 | T-38                                    | 37,341  | 37,341  |  |  |  |          |
|                                    | OTHER AIRCRAFT                          |         |         |  |  |  |          |
| 44                                 | U-2 MODS                                | 86,896  | 31,563  |  |  |  | -55,333  |
| 45                                 | KC-10A (ATCA)                           | 2,108   | 2,108   |  |  |  |          |
| 46                                 | C-12                                    | 3,021   | 3,021   |  |  |  |          |
| 47                                 | VC-25A MOD                              | 48,624  | 37,724  |  |  |  | -10,900  |
| 48                                 | C-40                                    | 256     | 256     |  |  |  |          |
| 49                                 | C-130                                   | 52,066  | 181,066 |  |  |  | +129,000 |
| 50                                 | C130J MODS                              | 141,686 | 128,399 |  |  |  | -13,287  |
| 51                                 | C-135                                   | 124,491 | 115,226 |  |  |  | -9,265   |
| 53                                 | COMPASS CALL MODS                       | 110,754 | 282,247 |  |  |  | +171,493 |
| 54                                 | COMBAT FLIGHT INSPECTION (CFIN)         | 508     | 508     |  |  |  |          |

[Dollars in thousands]

| Line | Item  | Qty.  | 2020 budget estimate | Qty.  | Committee recommendation | Change from |                 |
|------|---|-------|----------------------|-------|--------------------------|-------------|-----------------|
|      |   |       |                      |       |                          | Qty.        | Budget estimate |
| 55   | RC-135 .....                                    | ..... | 227,673              | ..... | 224,310                  | .....       | -3,363          |
| 56   | E-3 .....                                       | ..... | 216,299              | ..... | 105,326                  | .....       | -110,973        |
| 57   | E-4 .....                                       | ..... | 58,477               | ..... | 58,477                   | .....       | .....           |
| 58   | E-8 .....                                       | ..... | 28,778               | ..... | 48,778                   | .....       | +20,000         |
| 59   | AIRBORNE WARNING AND CONTROL SYSTEM .....       | ..... | 36,000               | ..... | 32,821                   | .....       | -3,179          |
| 60   | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....  | ..... | 7,910                | ..... | 2,367                    | .....       | -5,543          |
| 61   | H-1 .....                                       | ..... | 3,817                | ..... | 3,817                    | .....       | .....           |
| 62   | H-60 .....                                      | ..... | 20,879               | ..... | 32,879                   | .....       | +12,000         |
| 63   | RQ-4 UAV MODS .....                             | ..... | 1,704                | ..... | 1,704                    | .....       | .....           |
| 64   | HC/MC-130 MODIFICATIONS .....                   | ..... | 51,482               | ..... | 34,850                   | .....       | -16,632         |
| 65   | OTHER AIRCRAFT .....                            | ..... | 50,098               | ..... | 50,098                   | .....       | .....           |
| 66   | MQ-9 MODS .....                                 | ..... | 383,594              | ..... | 197,915                  | .....       | -185,679        |
| 68   | CV-22 MODS .....                                | ..... | 65,348               | ..... | 65,348                   | .....       | .....           |
|      | TOTAL, MODIFICATION OF INSERVICE AIRCRAFT ..... | ..... | 3,854,227            | ..... | 3,510,891                | .....       | -343,336        |
| 69   | AIRCRAFT SPARES AND REPAIR PARTS .....          | ..... | 708,230              | ..... | 711,430                  | .....       | +3,200          |
|      | INITIAL SPARES/REPAIR PARTS .....               | ..... | .....                | ..... | .....                    | .....       | .....           |
|      | TOTAL, AIRCRAFT SPARES AND REPAIR PARTS .....   | ..... | 708,230              | ..... | 711,430                  | .....       | +3,200          |
| 72   | AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES ..... | ..... | 84,938               | ..... | 84,938                   | .....       | .....           |
|      | COMMON SUPPORT EQUIPMENT .....                  | ..... | .....                | ..... | .....                    | .....       | .....           |
|      | AIRCRAFT REPLACEMENT SUPPORT EQUIP .....        | ..... | .....                | ..... | .....                    | .....       | .....           |
|      | POST PRODUCTION SUPPORT .....                   | ..... | .....                | ..... | .....                    | .....       | .....           |
| 73   | B-2A .....                                      | ..... | 1,403                | ..... | 1,403                    | .....       | .....           |
| 74   | B-2B .....                                      | ..... | 42,234               | ..... | 42,234                   | .....       | .....           |
| 75   | B-52 .....                                      | ..... | 4,641                | ..... | 2,341                    | .....       | -2,300          |
| 76   | C-17A .....                                     | ..... | 124,805              | ..... | 124,805                  | .....       | .....           |
| 79   | F-15 .....                                      | ..... | 2,589                | ..... | 2,589                    | .....       | .....           |
| 81   | F-16 POST PRODUCTION SUPPORT .....              | ..... | 15,348               | ..... | 11,402                   | .....       | -3,946          |
| 84   | RQ-4 POST PRODUCTION CHARGES .....              | ..... | 47,246               | ..... | 47,246                   | .....       | .....           |
|      | INDUSTRIAL PREPAREDNESS .....                   | ..... | .....                | ..... | .....                    | .....       | .....           |
| 86   | INDUSTRIAL PREPAREDNESS .....                   | ..... | 17,705               | ..... | 17,705                   | .....       | .....           |



|    |  |            |            |            |            |           |
|----|--|------------|------------|------------|------------|-----------|
| 87 | WAR CONSUMABLES                                  | 32,102     | 32,102     | 32,102     | 32,102     |           |
|    | WAR CONSUMABLES                                  |            |            |            |            |           |
|    | OTHER PRODUCTION CHARGES                         | 1,194,728  | 1,194,728  | 1,204,835  | 1,204,835  | + 10,107  |
| 88 | OTHER PRODUCTION CHARGES                         |            |            |            |            |           |
|    | TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | 1,567,739  | 1,567,739  | 1,571,600  | 1,571,600  | + 3,861   |
|    | CLASSIFIED PROGRAMS                              | 34,193     | 34,193     | 34,193     | 34,193     |           |
|    | TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE           | 16,784,279 | 16,784,279 | 17,308,918 | 17,308,918 | + 524,639 |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 1    | F-35 .....  | 4,274,359            | 5,286,259                | + 1,011,900                 |
|      | Restoring acquisition accountability: Unit cost savings ..  |                      |                          | - 146,400                   |
|      | Restoring acquisition accountability: Other corporate ops carryover .....                           |                      |                          | - 10,000                    |
|      | Program increase: Twelve aircraft .....   |                      |                          | + 960,000                   |
|      | Program increase: Alternate sourcing requirements .....   |                      |                          | + 208,300                   |
| 2    | F-35 (AP-CY) .....  | 655,500              | 811,500                  | + 156,000                   |
|      | Program increase .....  |                      |                          | + 156,000                   |
| 3    | F-15E .....   | 1,050,000            | 628,000                  | - 422,000                   |
|      | Transfer two test aircraft and NRE funds to RDAF line 180 .....                                     |                      |                          | - 364,400                   |
|      | Restoring acquisition accountability: NRE funding excess to need .....                              |                      |                          | - 57,600                    |
| 5    | KC-46A Tanker .....   | 2,234,529            | 2,127,755                | - 106,774                   |
|      | Restoring acquisition accountability: Unit cost growth ....   |                      |                          | - 47,950                    |
|      | Restoring acquisition accountability: WARP kits cost growth .....                                   |                      |                          | - 10,280                    |
|      | Restoring acquisition accountability: Excess depot standup funding due to delivery delays .....     |                      |                          | - 48,544                    |
| 8    | MC-130J .....   | 871,207              | 857,607                  | - 13,600                    |
|      | Restoring acquisition accountability: Excess unit cost growth .....                                 |                      |                          | - 13,600                    |
| 10   | Combat Rescue Helicopter .....  | 884,235              | 856,735                  | - 27,500                    |
|      | Improving funds management: Engineering change orders excess .....                                  |                      |                          | - 17,500                    |
|      | Improving funds management: Program management excess growth .....                                  |                      |                          | - 10,000                    |
| 11   | C-37A .....   | 161,000              | 147,500                  | - 13,500                    |
|      | Restoring acquisition accountability: Unit cost growth ....   |                      |                          | - 13,500                    |
| 12   | Civil Air Patrol A/C .....  | 2,767                | 11,000                   | + 8,233                     |
|      | Program increase .....  |                      |                          | + 8,233                     |
| 15   | Compass Call .....  | 114,095              | 254,895                  | + 140,800                   |
|      | Program increase: Accelerate EC-37B baseline 4 aircraft .....                                       |                      |                          | + 140,800                   |
| 16   | Observation Attack Replacement (OA-X) Light Attack Aircraft .....                                   |                      | 210,000                  | + 210,000                   |
|      | Program increase: Six aircraft .....  |                      |                          | + 210,000                   |
| 17   | MQ-9 .....  | 189,205              | 106,560                  | - 82,645                    |
|      | Restoring acquisition accountability: Block 50 ground control stations ahead of testing .....       |                      |                          | - 46,845                    |
|      | Restoring acquisition accountability: Block 50 ground control station simulator ahead of need ..... |                      |                          | - 35,800                    |
| 20   | B-1B .....  | 22,111               | 12,958                   | - 9,153                     |
|      | Restoring acquisition accountability: ADS-B out ahead of need .....                                 |                      |                          | - 9,153                     |
| 21   | B-52 .....  | 69,648               | 36,001                   | - 33,647                    |
|      | Restoring acquisition accountability: Bomber tactical data link ahead of need .....                 |                      |                          | - 15,925                    |
|      | Restoring acquisition accountability: Crypto modernization funding ahead of need .....              |                      |                          | - 17,722                    |
| 23   | A-10 .....  | 132,069              | 125,825                  | - 6,244                     |
|      | Restoring acquisition accountability: Prior year carryover .....                                    |                      |                          | - 6,244                     |
| 25   | F-15 .....  | 481,073              | 474,767                  | - 6,306                     |
|      | Restoring acquisition accountability: APG-82 installation cost growth .....                         |                      |                          | - 10,300                    |
|      | Restoring acquisition accountability: ADCP II-C installation funding ahead of need .....            |                      |                          | - 3,006                     |
|      | Program increase: Anti-jam capability .....   |                      |                          | + 7,000                     |
| 26   | F-16 .....  | 234,782              | 283,000                  | + 48,218                    |
|      | Restoring acquisition accountability: Modular mission computer funding ahead of need .....          |                      |                          | - 14,530                    |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Restoring acquisition accountability: Digital radar warning receiver funding ahead of need ..... |                      |                          | - 4,315                     |
|      | Restoring acquisition accountability: AIFF mode 5 funding excess to requirement .....            |                      |                          | - 7,937                     |
|      | Program increase: AESA radar upgrades for the Air National Guard .....                           |                      |                          | + 75,000                    |
| 28   | F-22A .....  | 323,597              | 157,597                  | - 166,000                   |
|      | Improving funds management: Link 16 delays .....   |                      |                          | - 14,300                    |
|      | Transfer F-22A modernization: Air Force requested to RDAF line 182 .....                         |                      |                          | - 50,000                    |
|      | Restoring acquisition accountability: Sensor enhancement funding ahead of need .....             |                      |                          | - 101,700                   |
| 30   | F-35 Modifications .....   | 343,590              | 299,590                  | - 44,000                    |
|      | Restoring acquisition accountability: Concurrency ICS excess growth .....                        |                      |                          | - 14,000                    |
|      | Restoring acquisition accountability: Correction of deficiencies excess support costs .....      |                      |                          | - 16,000                    |
|      | Restoring acquisition accountability: Block 4 modification funding ahead of need .....           |                      |                          | - 14,000                    |
| 31   | F-15 EPAW .....  | 149,047              | 125,417                  | - 23,630                    |
|      | Restoring acquisition accountability: Unit cost growth .....                                     |                      |                          | - 17,400                    |
|      | Restoring acquisition accountability: Installation funding ahead of need .....                   |                      |                          | - 6,230                     |
| 32   | Increment 3.2b .....   | 20,213               | 14,913                   | - 5,300                     |
|      | Restoring acquisition accountability: Installation cost growth .....                             |                      |                          | - 5,300                     |
| 34   | C-5 .....  | 73,550               | 57,937                   | - 15,613                    |
|      | Restoring acquisition accountability: CMC weather radar contract delays .....                    |                      |                          | - 15,613                    |
| 44   | U-2 Mods .....   | 86,896               | 31,563                   | - 55,333                    |
|      | Restoring acquisition accountability: Electronic warfare systems delay .....                     |                      |                          | - 7,000                     |
|      | Restoring acquisition accountability: Egress funding ahead of need .....                         |                      |                          | - 3,000                     |
|      | Restoring acquisition accountability: Airframe sensors and data recorder delays .....            |                      |                          | - 11,900                    |
|      | Restoring acquisition accountability: ASARS-2B funding ahead of need .....                       |                      |                          | - 33,433                    |
| 47   | VC-25A Mod .....   | 48,624               | 37,724                   | - 10,900                    |
|      | Improving funds management: Excess funds due to limited aircraft availability .....              |                      |                          | - 10,900                    |
| 49   | C-130 .....  | 52,066               | 181,066                  | + 129,000                   |
|      | Program increase: Engine enhancement program .....   |                      |                          | + 74,000                    |
|      | Program increase: Eight-blade propeller upgrade .....  |                      |                          | + 55,000                    |
| 50   | C-130J Mods .....  | 141,686              | 128,399                  | - 13,287                    |
|      | Restoring acquisition accountability: Block 8.1 cost growth .....                                |                      |                          | - 2,990                     |
|      | Restoring acquisition accountability: Block 8.1 excess support costs .....                       |                      |                          | - 6,500                     |
|      | Restoring acquisition accountability: Center wing replacement installation cost growth .....     |                      |                          | - 3,797                     |
| 51   | C-135 .....  | 124,491              | 115,226                  | - 9,265                     |
|      | Improving funds management: Block 45 installation funding ahead of need .....                    |                      |                          | - 4,465                     |
|      | Improving funds management: RTIC installation funding carryover .....                            |                      |                          | - 4,800                     |
| 53   | Compass Call Mods .....  | 110,754              | 282,247                  | + 171,493                   |
|      | Restoring acquisition accountability: B kit cost growth .....                                    |                      |                          | - 4,207                     |
|      | Program increase: Accelerate EC-37B baseline 4 aircraft .....                                    |                      |                          | + 175,700                   |
| 55   | RC-135 .....   | 227,673              | 224,310                  | - 3,363                     |
|      | Restoring acquisition accountability: Cobra Ball B kit unit cost growth .....                    |                      |                          | - 3,363                     |
| 56   | E-3 .....  | 216,299              | 105,326                  | - 110,973                   |

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
|      | Restoring acquisition accountability: Mode 5 acceleration funding ahead of need .....            |                      |                          | - 2,343                     |
|      | Restoring acquisition accountability: Communications network upgrade funding ahead of need ..... |                      |                          | - 10,423                    |
|      | Restoring acquisition accountability: Dragon installation funding ahead of need .....            |                      |                          | - 10,900                    |
|      | Transfer AWACS modernization projects: Air Force requested to line 88 .....                      |                      |                          | - 87,307                    |
| 58   | E-8 .....  | 28,778               | 48,778                   | + 20,000                    |
|      | Program increase .....   |                      |                          | + 20,000                    |
| 59   | Airborne Warning and Control System .....  | 36,000               | 32,821                   | - 3,179                     |
|      | Restoring acquisition accountability: Block 40/45 installation cost growth .....                 |                      |                          | - 3,179                     |
| 60   | Family of Beyond Line-of-Sight Terminals .....   | 7,910                | 2,367                    | - 5,543                     |
|      | Improving funds management: Support cost carryover .....   |                      |                          | - 5,543                     |
| 62   | H-60 .....   | 20,879               | 32,879                   | + 12,000                    |
|      | Program increase: Operational loss replacement kits .....  |                      |                          | + 12,000                    |
| 64   | HC/MC-130 Modifications .....  | 51,482               | 34,850                   | - 16,632                    |
|      | Restoring acquisition accountability: Block 8.1 funds ahead of need .....                        |                      |                          | - 16,632                    |
| 66   | MQ-9 Mods .....  | 383,594              | 197,915                  | - 185,679                   |
|      | Restoring acquisition accountability: MQ-9 field retrofit delays .....                           |                      |                          | - 20,000                    |
|      | Restoring acquisition accountability: GCS block 30 modernization cost growth .....               |                      |                          | - 7,579                     |
|      | Restoring acquisition accountability: DAS-4 contract delays and excess growth .....              |                      |                          | - 158,000                   |
|      | Restoring acquisition accountability: SLAM funding ahead of need .....                           |                      |                          | - 100                       |
| 69   | Initial Spares/Repair Parts .....  | 708,230              | 711,430                  | + 3,200                     |
|      | Improving funds management: F-15 spares excess to requirement .....                              |                      |                          | - 30,000                    |
|      | Improving funds management: E-3 spares excess to requirement .....                               |                      |                          | - 24,200                    |
|      | Improving funds management: MQ-9 spares excess to requirement .....                              |                      |                          | - 63,600                    |
|      | Program increase: F-35 spares .....  |                      |                          | + 96,000                    |
|      | Program increase: RQ-4 spares .....  |                      |                          | + 25,000                    |
| 75   | B-52 .....   | 4,641                | 2,341                    | - 2,300                     |
|      | Improving funds management: Prior year carryover .....   |                      |                          | - 2,300                     |
| 81   | F-16 .....   | 15,348               | 11,402                   | - 3,946                     |
|      | Restoring acquisition accountability: Digital radar warning receiver funding ahead of need ..... |                      |                          | - 3,946                     |
| 88   | Other Production Charges .....   | 1,194,728            | 1,204,835                | + 10,107                    |
|      | Restoring acquisition accountability: F-22A squadrons excess to need .....                       |                      |                          | - 60,000                    |
|      | Restoring acquisition accountability: MQ-9 prior year carryover .....                            |                      |                          | - 4,500                     |
|      | Classified adjustment .....  |                      |                          | - 12,700                    |
|      | Transfer AWACS modernization projects: Air Force requested from line 56 .....                    |                      |                          | + 87,307                    |

*MC-130J Procurement Quantities.*—The Committee understands that the Air Force is negotiating a third multi-year procurement contract for C-130J aircraft that will utilize fiscal year 2019 through 2023 funding. Currently, negotiations have resulted in significant anticipated unit cost savings for the fiscal year 2019 and fiscal year 2020 aircraft purchases, and the Air Force has briefed the Committee on a plan to apply these savings to accelerate acquisition of one trainer in fiscal year 2019 and one additional MC-130J aircraft in fiscal year 2020. The Committee is supportive of

this approach and directs the Secretary of the Air Force to follow through with the planned procurement of a ninth MC-130J aircraft with fiscal year 2020 funding.

*MQ-9 Procurement Profile.*—The Committee is concerned with the procurement profile for MQ-9 Reapers through the future years defense program as well as the quantity requested in the fiscal year 2020 President’s budget request. With the additional aircraft added by Congress in fiscal year 2019, the Air Force estimates a unit cost of \$15,900,000 for 24 aircraft. The Committee was dismayed to receive a fiscal year 2020 request for 12 aircraft at a unit cost of approximately \$20,000,000, which includes a 20 percent economic order quantity penalty for a quantity buy below the optimized rate of 16 aircraft per year. The Committee also understands that the Air Force is not appropriately budgeting for attrition reserve requirements and recommends an additional \$26,700,000 for MQ-9 Reapers. The Committee expects the Air Force to utilize this additional funding along with the savings realized on the 12 budgeted aircraft to procure an additional four aircraft in order to reach the optimized production rate of 16 aircraft.

*Battlefield Airborne Communications Node.*—The Committee notes that the Battlefield Airborne Communications Node [BACN] provides critical battlespace awareness as well as data transfer, resilient communication sharing, and bridging across disparate networks and platforms, including with partner nations. The Committee commends the Secretary of the Air Force for continuing to transition the BACN program to a program of record and integrating sustainment, modernization, and future year budget planning in the fiscal year 2020 President’s budget request. The Committee encourages the Secretary of the Air Force to continue development of a modernization plan for the BACN system that addresses anticipated future requirements as well as near, mid-term, and future threats across the full spectrum of joint operational communications. The plan should support multi-domain and multi-level security command and control architectures, high capacity backbone, combat cloud, and data networking requirements in order to support operational requirements across multiple theaters and combatant commands supporting the joint force.

*C-130J Aircraft for the Air National Guard.*—The Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees not later than 180 days after the enactment of this act with an updated beddown plan that transitions Air National Guard C-130H aircraft to C-130J aircraft by fiscal year and location. The plan shall include efforts to preserve Air National Guard missions during the transition period between aircraft and includes data on impacts on workforce and manufacturing capacity of the existing industrial base supporting the C-130 program.

MISSILE PROCUREMENT, AIR FORCE

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$2,585,004,000 |
| Budget estimate, 2020 .....    | 2,889,187,000   |
| Committee recommendation ..... | 2,589,166,000   |

The Committee recommends an appropriation of \$2,589,166,000. This is \$300,021,000 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.  | 2020 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 .....             |       | 55,888               |       | 55,888                   |             |                 |
|      | OTHER MISSILES                                     |       |                      |       |                          |             |                 |
|      | TACTICAL   |       |                      |       |                          |             |                 |
| 2    | REPLAC EQUIP & WAR CONSUMABLES .....               |       | 9,100                |       | 4,500                    |             | -4,600          |
| 3    | JOINT AIR-TO-GROUND MUNITION .....                 | 60    | 15,000               | 60    | 15,000                   |             |                 |
| 4    | JOINT AIR-SURFACE STANDOFF MISSILE (JASSM) .....   | 411   | 482,525              | 411   | 482,525                  |             |                 |
| 6    | SIDEWINDER (AIM-9X) .....                          | 355   | 160,408              | 355   | 155,289                  |             | -5,119          |
| 7    | AWRAAM .....                                       | 220   | 332,250              | 220   | 311,730                  |             | -20,520         |
| 8    | PREDATOR HELFIRE MISSILE .....                     | 1,531 | 118,860              | 1,531 | 118,860                  |             |                 |
| 9    | SMALL DIAMETER BOMB .....                          | 7,078 | 275,438              | 7,078 | 275,438                  |             |                 |
| 10   | SMALL DIAMETER BOMB II .....                       | 1,175 | 212,434              | 1,175 | 183,279                  |             | -29,155         |
|      | INDUSTRIAL FACILITIES                              |       |                      |       |                          |             |                 |
| 11   | INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION ..... |       | 801                  |       | 801                      |             |                 |
|      | TOTAL, OTHER MISSILES .....                        |       | 1,606,816            |       | 1,547,422                |             | -59,394         |
|      | MODIFICATION OF INSERVICE MISSILES                 |       |                      |       |                          |             |                 |
|      | CLASS IV   |       |                      |       |                          |             |                 |
| 12   | ICBM FUZE MOD .....                                | 6     | 5,000                |       |                          |             | -5,000          |
| 13   | ICBM FUZE MOD .....                                |       | 14,497               |       | 14,497                   |             |                 |
| 14   | MM III MODIFICATIONS .....                         |       | 50,831               |       | 50,831                   |             |                 |
| 15   | AGM-65D MAVERICK .....                             |       | 294                  |       | 294                      |             |                 |
| 16   | AIR LAUNCH CRUISE MISSILE .....                    |       | 77,387               |       | 68,513                   |             | -8,874          |
|      | TOTAL, MODIFICATION OF INSERVICE MISSILES .....    |       | 148,009              |       | 134,135                  |             | -13,874         |
|      | SPARES AND REPAIR PARTS                            |       |                      |       |                          |             |                 |
| 18   | INITIAL SPARES/REPAIR PARTS .....                  |       | 1,910                |       | 1,910                    |             |                 |

[Dollars in thousands]

| Line | Item  | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
| 19   | REPLEN SPARES/REPAIR PARTS .....            |      | 82,490               |      | 72,490                   |             | — 10,000        |
|      | TOTAL, SPARES AND REPAIR PARTS .....        |      | 84,400               |      | 74,400                   |             | — 10,000        |
| 23   | SPECIAL PROGRAMS                            |      | 144,553              |      | 134,553                  |             | — 10,000        |
|      | SPECIAL UPDATE PROGRAMS .....               |      | 849,521              |      | 642,768                  |             | — 206,753       |
|      | CLASSIFIED PROGRAMS .....                   |      | 994,074              |      | 777,321                  |             | — 216,753       |
|      | TOTAL, SPECIAL PROGRAMS .....               |      | 2,889,187            |      | 2,589,166                |             | — 300,021       |
|      | TOTAL, MISSILE PROCUREMENT, AIR FORCE ..... |      |                      |      |                          |             |                 |



## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 2    | Replac Equip & War Consumables .....                                      | 9,100                | 4,500                    | - 4,600                     |
|      | Insufficient budget justification: Lack of justification .....            |                      |                          | - 4,600                     |
| 6    | Sidewinder (AIM-9X) .....   | 160,408              | 155,289                  | - 5,119                     |
|      | Restoring acquisition accountability: AUR unit cost growth .....          |                      |                          | - 5,119                     |
| 7    | AMRAAM .....  | 332,250              | 311,730                  | - 20,520                    |
|      | Maintain program affordability: Unjustified production test support ..... |                      |                          | - 4,020                     |
|      | Restoring acquisition accountability: AUR unit cost growth .....          |                      |                          | - 16,500                    |
| 10   | SMALL DIAMETER BOMB II .....  | 212,434              | 183,279                  | - 29,155                    |
|      | Restoring acquisition accountability: AUR unit cost adjustment .....      |                      |                          | - 29,155                    |
| 12   | ICBM FUZE MOD .....   | 5,000                |                          | - 5,000                     |
|      | Improving funds management: Request early to need .....                   |                      |                          | - 5,000                     |
| 16   | Air Launch Cruise Missile [ALCM] .....                                    | 77,387               | 68,513                   | - 8,874                     |
|      | Restoring acquisition accountability: Excess to requirement .....         |                      |                          | - 8,874                     |
| 19   | Replen Spares/Repair Parts .....  | 82,490               | 72,490                   | - 10,000                    |
|      | Improving funds management: Historical underexecution .....               |                      |                          | - 10,000                    |
| 23   | Special Update Programs .....   | 144,553              | 134,553                  | - 10,000                    |
|      | Classified adjustment .....   |                      |                          | - 10,000                    |
| 999  | Classified Programs .....   | 849,521              | 642,768                  | - 206,753                   |
|      | Classified adjustment .....   |                      |                          | - 206,753                   |

## SPACE PROCUREMENT, AIR FORCE

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$2,343,642,000 |
| Budget estimate, 2020 .....    | 2,414,383,000   |
| Committee recommendation ..... | 2,460,605,000   |

The Committee recommends an appropriation of \$2,460,605,000. This is \$46,222,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
|      | SPACE PROGRAMS                                 |      |                      |      |                          |             |                 |
| 1    | ADVANCED EHF .....                             |      | 31,894               |      | 21,894                   |             | -10,000         |
| 2    | AF SATELLITE COMM SYSTEM .....                 |      | 56,298               |      | 56,298                   |             |                 |
| 4    | COUNTERSPACE SYSTEMS .....                     |      | 5,700                |      | 5,700                    |             |                 |
| 5    | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS ..... |      | 34,020               |      | 29,020                   |             | -5,000          |
| 7    | GENERAL INFORMATION TECHNOLOGY—SPACE .....     |      | 3,244                |      | 3,244                    |             |                 |
| 8    | GPS III FOLLOW ON .....                        | 1    | 414,625              |      | 394,625                  |             | -20,000         |
| 9    | GPS III SPACE SEGMENT .....                    |      | 31,466               |      | 31,466                   |             |                 |
| 12   | SPACE COMMUNICATIONS SECURITY .....            |      | 32,031               |      | 32,031                   |             |                 |
| 13   | MILSATCOM TERMINALS .....                      |      | 11,096               |      | 11,096                   |             |                 |
| 15   | EVOLVED EXPENDABLE LAUNCH VEHICLE .....        | 4    | 1,237,635            |      | 1,237,635                |             |                 |
| 16   | SBIR HIGH (SPACE) .....                        |      | 233,952              |      | 233,952                  |             |                 |
| 17   | NUDET DETECTION SYSTEM SPACE .....             |      | 7,432                |      | 7,432                    |             |                 |
| 18   | ROCKET SYSTEM LAUNCH PROGRAM .....             |      | 11,473               |      | 11,473                   |             |                 |
| 19   | SPACE FENCE .....                              |      | 71,784               |      | 51,784                   |             | -20,000         |
| 20   | SPACE MODS SPACE .....                         |      | 106,330              |      | 106,330                  |             |                 |
| 21   | SPACE/LIFT RANGE SYSTEM SPACE .....            |      | 118,140              |      | 118,140                  |             |                 |
| XX   | EO/IR WEATHER .....                            |      |                      |      | 101,222                  |             | +101,222        |
|      | SPARES AND REPAIR PARTS                        |      |                      |      |                          |             |                 |
| 22   | INITIAL SPARES/REPAIR PARTS .....              |      | 7,263                |      | 7,263                    |             |                 |
|      | TOTAL, SPACE PROCUREMENT, AIR FORCE .....      |      | 2,414,383            |      | 2,460,605                |             | +46,222         |

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
| 1    | Advanced EHF .....   | 31,894               | 21,894                   | - 10,000                    |
|      | Improving funds management: Anticipated cost savings .....                 |                      |                          | - 10,000                    |
| 5    | Family of Beyond Line-of-Sight Terminals .....                             | 34,020               | 29,020                   | - 5,000                     |
|      | Improving funds management: Installation and depot activation delays ..... |                      |                          | - 5,000                     |
| 8    | GPSIII Follow On .....   | 414,625              | 394,625                  | - 20,000                    |
|      | Maintain program affordability: Excess to need .....                       |                      |                          | - 20,000                    |
| 19   | Space Fence .....  | 71,784               | 51,784                   | - 20,000                    |
|      | Maintain program affordability: Excess to need .....                       |                      |                          | - 20,000                    |
| 23   | EO/IR Weather .....  |                      | 101,222                  | + 101,222                   |
|      | Transfer from RDTE AF Space, EO/IR Weather .....                           |                      |                          | + 101,222                   |

PROCUREMENT OF AMMUNITION, AIR FORCE

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$1,485,856,000 |
| Budget estimate, 2020 .....    |                 |
| Committee recommendation ..... | 1,625,661,000   |

The Committee recommends an appropriation of \$1,625,661,000. This is \$1,625,661,000 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. | 2020 budget estimate | Qty.   | Committee recommendation | Change from |                 |
|---|---|------|----------------------|--------|--------------------------|-------------|-----------------|
|   |   |      |                      |        |                          | Qty.        | Budget estimate |
| PROCUREMENT OF AMMUNITION, AIR FORCE              |   |      |                      |        |                          |             |                 |
| 1   | PROCUREMENT OF AMMO, AIR FORCE          |      |                      |        |                          |             |                 |
| 2   | ROCKETS .....                           |      |                      |        | 132,968                  |             | +132,968        |
|   | CARTRIDGES .....                        |      |                      |        | 140,449                  |             | +140,449        |
| BOMBS   |   |      |                      |        |                          |             |                 |
| 3   | PRACTICE BOMBS .....                    |      |                      |        | 29,313                   |             | +29,313         |
| 4   | GENERAL PURPOSE BOMBS .....             |      |                      |        | 85,885                   |             | +85,885         |
| 6   | JOINT DIRECT ATTACK MUNITION .....      |      |                      | 37,000 | 1,034,224                |             | +1,034,224      |
| 7   | B61 .....                               |      |                      | 533    | 70,773                   |             | +70,773         |
| FLARE, IR MU-7B                                   |   |      |                      |        |                          |             |                 |
| 9   | CAD/PAD .....                           |      |                      |        | 47,069                   |             | +47,069         |
| 10  | EXPLOSIVE ORDNANCE DISPOSAL [EOD] ..... |      |                      |        | 6,133                    |             | +6,133          |
| 11  | SPARES AND REPAIR PARTS .....           |      |                      |        | 533                      |             | +533            |
| 12  | MODIFICATIONS .....                     |      |                      |        | 1,291                    |             | +1,291          |
| 13  | ITEMS LESS THAN \$5,000,000 .....       |      |                      |        | 1,677                    |             | +1,677          |
| FLARES/FUZES                                      |   |      |                      |        |                          |             |                 |
| 15  | FLARES .....                            |      |                      |        | 36,116                   |             | +36,116         |
| 16  | FUZES .....                             |      |                      |        | 1,734                    |             | +1,734          |
| TOTAL, PROCUREMENT OF AMMO, AIR FORCE .....       |   |      |                      |        |                          |             |                 |
|   |   |      |                      |        | 1,588,165                |             | +1,588,165      |
| WEAPONS   |   |      |                      |        |                          |             |                 |
| 17  | SMALL ARMS .....                        |      |                      |        | 37,496                   |             | +37,496         |
| TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE ..... |   |      |                      |        |                          |             |                 |
|   |   |      |                      |        | 1,625,661                |             | +1,625,661      |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 1    | Rockets .....   |                      | 132,968                  | + 132,968                   |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 133,268                   |
|      | Restoring acquisition accountability: APKWS production support growth ..... |                      |                          | - 300                       |
| 2    | Cartridges .....  |                      | 140,449                  | + 140,449                   |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 140,449                   |
| 3    | Practice Bombs .....  |                      | 29,313                   | + 29,313                    |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 29,313                    |
| 4    | General Purpose Bombs .....   |                      | 85,885                   | + 85,885                    |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 85,885                    |
| 6    | Joint Direct Attack Munition .....  |                      | 1,034,224                | + 1,034,224                 |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 1,066,224                 |
|      | Insufficient budget justification: JDAM Tailkit unit cost adjustment .....  |                      |                          | - 32,000                    |
| 7    | B61 .....   |                      | 70,773                   | + 70,773                    |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 80,773                    |
|      | Restoring acquisition accountability: TKA contract delays .....             |                      |                          | - 10,000                    |
| 9    | Cad/Pad .....   |                      | 47,069                   | + 47,069                    |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 47,069                    |
| 10   | Explosive Ordnance Disposal [EOD] .....                                     |                      | 6,133                    | + 6,133                     |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 6,133                     |
| 11   | Spares And Repair Parts .....   |                      | 533                      | + 533                       |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 533                       |
| 12   | Modifications .....   |                      | 1,291                    | + 1,291                     |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 1,291                     |
| 13   | Items Less Than \$5,000,000 .....   |                      | 1,677                    | + 1,677                     |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 1,677                     |
| 15   | Flares .....  |                      | 36,116                   | + 36,116                    |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 36,116                    |
| 16   | Fuzes .....   |                      | 1,734                    | + 1,734                     |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 1,734                     |
| 17   | Small Arms .....  |                      | 37,496                   | + 37,496                    |
|      | Transfer: From Title IX to Title III for base requirements .....            |                      |                          | + 37,496                    |

## OTHER PROCUREMENT, AIR FORCE

|                                |                  |
|--------------------------------|------------------|
| Appropriations, 2019 .....     | \$20,884,225,000 |
| Budget estimate, 2020 .....    | 20,687,857,000   |
| Committee recommendation ..... | 21,083,464,000   |

The Committee recommends an appropriation of \$21,083,464,000. This is \$395,607,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
|      | OTHER PROCUREMENT, AIR FORCE                                   |      |                      |      |                          |             |                 |
|      | VEHICULAR EQUIPMENT  |      |                      |      |                          |             |                 |
|      | PASSENGER CARRYING VEHICLES                                    |      |                      |      |                          |             |                 |
| 1    | PASSENGER CARRYING VEHICLE .....                               |      | 15,238               |      | 15,238                   |             |                 |
|      | CARGO + UTILITY VEHICLES                                       |      |                      |      |                          |             |                 |
| 2    | FAMILY MEDIUM TACTICAL VEHICLE .....                           |      | 34,616               |      | 34,616                   |             |                 |
| 3    | CAP VEHICLES .....   |      | 1,040                |      | 1,700                    |             | + 660           |
| 4    | ITEMS LESS THAN \$5M (CARGO AND UTILITY VEHICLES) .....        |      | 23,133               |      | 23,133                   |             |                 |
|      | SPECIAL PURPOSE VEHICLES                                       |      |                      |      |                          |             |                 |
| 5    | JOINT LIGHT TACTICAL VEHICLE .....                             |      | 32,027               |      | 32,027                   |             |                 |
| 6    | SECURITY AND TACTICAL VEHICLES .....                           |      | 1,315                |      | 1,315                    |             |                 |
| 7    | ITEMS LESS THAN \$5M (SPECIAL PURPOSE VEHICLES) .....          |      | 14,593               |      | 14,593                   |             |                 |
|      | FIRE FIGHTING EQUIPMENT  |      |                      |      |                          |             |                 |
| 8    | FIRE FIGHTING/CRASH RESCUE VEHICLES .....                      |      | 28,604               |      | 12,004                   |             | - 16,600        |
|      | MATERIALS HANDLING EQUIPMENT                                   |      |                      |      |                          |             |                 |
| 9    | ITEMS LESS THAN \$5M (MATERIALS HANDLING EQUIPMENT) .....      |      | 21,848               |      | 21,848                   |             |                 |
|      | BASE MAINTENANCE SUPPORT                                       |      |                      |      |                          |             |                 |
| 10   | RUNWAY SNOW REMOVAL & CLEANING EQUIP .....                     |      | 2,925                |      | 2,925                    |             |                 |
| 11   | ITEMS LESS THAN \$5M (BASE MAINTENANCE SUPPORT VEHICLES) ..... |      | 55,776               |      | 55,776                   |             |                 |
|      | TOTAL, VEHICULAR EQUIPMENT .....                               |      | 231,115              |      | 215,175                  |             | - 15,940        |
|      | ELECTRONICS AND TELECOMMUNICATIONS EQUIP                       |      |                      |      |                          |             |                 |
|      | COMM SECURITY EQUIPMENT(COMSEC)                                |      |                      |      |                          |             |                 |
| 13   | COMSEC EQUIPMENT .....   |      | 91,461               |      | 81,461                   |             | - 10,000        |
|      | INTELLIGENCE PROGRAMS  |      |                      |      |                          |             |                 |
| 14   | INTERNATIONAL INTEL TECH AND ARCHITECTURES .....               |      | 11,386               |      | 11,386                   |             |                 |
| 15   | INTELLIGENCE TRAINING EQUIPMENT .....                          |      | 7,619                |      | 7,619                    |             |                 |
| 16   | INTELLIGENCE COMM EQUIP .....                                  |      | 35,558               |      | 35,558                   |             |                 |



[Dollars in thousands]

| Line | Item  | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
|      | TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP ..... |      | 1,538,374            |      | 1,505,124                |             | - 33,250        |
|      | OTHER BASE MAINTENANCE AND SUPPORT EQUIP .....        |      |                      |      |                          |             |                 |
|      | PERSONAL SAFETY AND RESCUE EQUIP .....                |      |                      |      |                          |             |                 |
| 54   | ITEMS LESS THAN \$5,000,000 (SAFETY) .....            |      | 50,634               |      | 50,634                   |             |                 |
|      | DEPOT PLANT + MATERIALS HANDLING EQ .....             |      |                      |      |                          |             |                 |
| 55   | POWER CONDITIONING EQUIPMENT .....                    |      | 11,000               |      | 11,000                   |             |                 |
| 56   | MECHANIZED MATERIAL HANDLING .....                    |      | 11,901               |      | 11,901                   |             |                 |
|      | BASE SUPPORT EQUIPMENT .....                          |      |                      |      |                          |             |                 |
| 57   | BASE PROCURED EQUIPMENT .....                         |      | 23,963               |      | 23,963                   |             |                 |
| 58   | ENGINEERING AND EOD EQUIPMENT .....                   |      | 34,124               |      | 34,124                   |             |                 |
| 59   | MOBILITY EQUIPMENT .....                              |      | 26,439               |      | 26,439                   |             |                 |
| 60   | FUELS SUPPORT EQUIPMENT (FSE) .....                   |      | 24,255               |      | 24,255                   |             |                 |
| 61   | ITEMS LESS THAN \$5M (BASE SUPPORT) .....             |      | 38,986               |      | 38,986                   |             |                 |
|      | SPECIAL SUPPORT PROJECTS .....                        |      |                      |      |                          |             |                 |
| 63   | DARP RC135 .....                                      |      | 26,716               |      | 26,716                   |             |                 |
| 64   | DISTRIBUTED GROUND SYSTEMS .....                      |      | 116,055              |      | 116,055                  |             |                 |
| 66   | SPECIAL UPDATE PROGRAM .....                          |      | 835,148              |      | 835,148                  |             |                 |
|      | TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP ..... |      | 1,199,221            |      | 1,199,221                |             |                 |
|      | SPARE AND REPAIR PARTS .....                          |      |                      |      |                          |             |                 |
| 67   | SPARES AND REPAIR PARTS .....                         |      | 81,340               |      | 81,340                   |             |                 |
|      | CLASSIFIED PROGRAMS .....                             |      | 17,637,807           |      | 18,082,604               |             | + 444,797       |
|      | TOTAL, OTHER PROCUREMENT, AIR FORCE .....             |      | 20,687,857           |      | 21,083,464               |             | + 395,607       |



## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item  | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|---|----------------------|--------------------------|-----------------------------|
| 3    | Cap Vehicles .....  | 1,040                | 1,700                    | + 660                       |
|      | Program increase: CAP vehicles .....                                  |                      |                          | + 660                       |
| 8    | Fire Fighting/Crash Rescue Vehicles .....                             | 28,604               | 12,004                   | - 16,600                    |
|      | Insufficient budget justification: Poor justification materials ..... |                      |                          | - 16,600                    |
| 13   | Comsec Equipment .....  | 91,461               | 81,461                   | - 10,000                    |
|      | Improving funds management: Unobligated balances .....                |                      |                          | - 10,000                    |
| 17   | Air Traffic Control & Landing Sys .....                               | 17,939               | 29,939                   | + 12,000                    |
|      | Program increase: Deployable instrument landing system .....          |                      |                          | + 12,000                    |
| 26   | Integrated Strat Plan & Analy Network [ISPAN] .....                   | 9,901                | 8,601                    | - 1,300                     |
|      | Restoring acquisition accountability: Unit cost growth .....          |                      |                          | - 1,300                     |
| 32   | Combat Training Ranges .....  | 233,993              | 282,893                  | + 48,900                    |
|      | Program increase: Joint threat emitters .....                         |                      |                          | + 28,000                    |
|      | Program increase: F-35 advanced threat systems .....                  |                      |                          | + 20,900                    |
| 34   | Wide Area Surveillance [WAS] .....                                    | 80,818               | 42,118                   | - 38,700                    |
|      | Restoring acquisition accountability: Schedule slips .....            |                      |                          | - 38,700                    |
| 36   | Integrated Personnel and Pay System .....                             | 20,900               |                          | - 20,900                    |
|      | Restoring acquisition accountability: Acquisition strategy .....      |                      |                          | - 20,900                    |
| 43   | Base Information Transport Infrast [BITI] Wired .....                 | 69,530               | 62,280                   | - 7,250                     |
|      | Restoring acquisition accountability .....                            |                      |                          | - 7,250                     |
| 44   | AFNET .....   | 147,063              | 131,063                  | - 16,000                    |
|      | Maintain program affordability: Maintain level of effort .....        |                      |                          | - 4,000                     |
|      | Improving funds management: Prior year carryover .....                |                      |                          | - 7,000                     |
|      | Insufficient budget justification: Poor justification materials ..... |                      |                          | - 5,000                     |
| 999  | Classified Programs .....   | 17,637,807           | 18,082,604               | + 444,797                   |
|      | Classified adjustment .....   |                      |                          | + 444,797                   |

*Cold Weather Aviation System.*—The Committee supports fielding the Cold Weather Aviation System to both the Air Force and the Air National Guard and encourages the Air Force Secretary to work with the Chief, National Guard Bureau to evaluate simultaneously fielding the uniform to reduce unit costs and to protect air crews.

## PROCUREMENT, DEFENSE-WIDE

|                                |                 |
|--------------------------------|-----------------|
| Appropriations, 2019 .....     | \$6,822,180,000 |
| Budget estimate, 2020 .....    | 5,109,416,000   |
| Committee recommendation ..... | 5,285,914,000   |

The Committee recommends an appropriation of \$5,285,914,000. This is \$176,498,000 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. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|--|------|----------------------|------|--------------------------|-------------|-----------------|
|      |  |      |                      |      |                          | Qty.        | Budget estimate |
|      | PROCUREMENT, DEFENSE-WIDE                        |      |                      |      |                          |             |                 |
|      | MAJOR EQUIPMENT                                  |      |                      |      |                          |             |                 |
| 2    | MAJOR EQUIPMENT, DCMA                            |      | 2,432                |      | 2,432                    |             |                 |
|      | MAJOR EQUIPMENT                                  |      |                      |      |                          |             |                 |
| 3    | MAJOR EQUIPMENT, DHRA                            |      | 5,030                |      | 5,030                    |             |                 |
|      | PERSONNEL ADMINISTRATION                         |      |                      |      |                          |             |                 |
| 8    | MAJOR EQUIPMENT, DISA                            |      | 3,318                |      | 4,718                    |             | + 1,400         |
| 9    | INFORMATION SYSTEMS SECURITY                     |      | 25,103               |      | 25,103                   |             |                 |
|      | TELEPORT PROGRAM                                 |      | 26,416               |      | 26,416                   |             |                 |
| 10   | ITEMS LESS THAN \$5M                             |      | 17,574               |      | 17,574                   |             |                 |
| 12   | DEFENSE INFORMATION SYSTEMS NETWORK              |      | 45,079               |      | 45,079                   |             |                 |
| 14   | WHITE HOUSE COMMUNICATION AGENCY                 |      | 78,669               |      | 87,669                   |             | + 9,000         |
| 15   | SENIOR LEADERSHIP ENTERPRISE                     |      | 88,000               |      | 88,000                   |             |                 |
| 16   | JOINT REGIONAL SECURITY STACKS (JRSS)            |      | 107,907              |      | 107,907                  |             |                 |
| 17   | JOINT SERVICE PROVIDER                           |      |                      |      |                          |             |                 |
|      | MAJOR EQUIPMENT, DLA                             |      |                      |      |                          |             |                 |
| 19   | MAJOR EQUIPMENT                                  |      | 8,122                |      | 8,122                    |             |                 |
|      | MAJOR EQUIPMENT, DMACT                           |      |                      |      |                          |             |                 |
| 20   | A—WEAPON SYSTEM COST                             |      | 10,961               |      | 10,961                   |             |                 |
|      | MAJOR EQUIPMENT, DODEA                           |      |                      |      |                          |             |                 |
| 21   | AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS       |      | 1,320                |      | 1,320                    |             |                 |
|      | MAJOR EQUIPMENT, DPAA                            |      |                      |      |                          |             |                 |
| 22   | MAJOR EQUIPMENT, DPAA                            | 32   | 1,504                | 32   | 1,504                    |             |                 |
|      | MAJOR EQUIPMENT, DSS                             |      |                      |      |                          |             |                 |
| 23   | MAJOR EQUIPMENT                                  |      | 496                  |      | 496                      |             |                 |
|      | MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY |      |                      |      |                          |             |                 |
| 25   | VEHICLES   |      | 211                  |      | 211                      |             |                 |
| 26   | OTHER MAJOR EQUIPMENT                            |      | 11,521               |      | 11,521                   |             |                 |

|                            |   |       |           |    |           |  |          |
|----------------------------|---|-------|-----------|----|-----------|--|----------|
| 28                         | MAJOR EQUIPMENT, MDA                          | 37    | 425,863   | 37 | 388,543   |  | -37,320  |
| 29                         | THAAD SYSTEM                                  | 9,471 |           |    | 352,471   |  | +343,000 |
| 31                         | GROUND BASED MIDCOURSE                        | 37    | 600,773   | 30 | 327,374   |  | -273,399 |
| 32                         | AEGIS BMD                                     |       |           | 7  | 238,000   |  | +238,000 |
| 33                         | AEGIS BMD SM-3 BLOCK IIA                      |       |           |    | 96,995    |  |          |
| 34                         | BMDs AN/TPY-2 RADARS                          |       | 10,046    |    | 10,046    |  |          |
| 35                         | ISRAELI PROGRAMS                              | 1     | 55,000    | 1  | 55,000    |  |          |
| 36                         | SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) | 1     | 50,000    | 1  | 50,000    |  |          |
| 37                         | AEGIS ASHORE PHASE III                        | 1     | 25,659    | 1  | 25,659    |  |          |
| 38                         | IRON DOME SYSTEM                              | 1     | 95,000    | 1  | 95,000    |  |          |
|                            | AEGIS BMD HARDWARE AND SOFTWARE               | 36    | 124,986   | 36 | 124,986   |  |          |
| 44                         | MAJOR EQUIPMENT, NSA                          |       | 1,533     |    | 133       |  | -1,400   |
| 45                         | INFORMATION SYSTEMS SECURITY PROGRAM [ISSP]   |       |           |    |           |  |          |
| 46                         | MAJOR EQUIPMENT, OSD                          |       | 43,705    |    | 43,705    |  |          |
| 47                         | MAJOR EQUIPMENT, IJS                          |       | 6,905     |    | 6,905     |  |          |
| 49                         | MAJOR EQUIPMENT, TJS                          |       | 1,458     |    | 1,458     |  |          |
|                            | MAJOR EQUIPMENT—TJS CYBER                     |       |           |    |           |  |          |
|                            | MAJOR EQUIPMENT, WHS                          |       | 507       |    | 507       |  |          |
|                            | TOTAL, MAJOR EQUIPMENT                        |       | 1,981,564 |    | 2,260,845 |  | +279,281 |
| SPECIAL OPERATIONS COMMAND |   |       |           |    |           |  |          |
| AVIATION PROGRAMS          |   |       |           |    |           |  |          |
| 53                         | SOF ROTARY WING UPGRADES AND SUSTAINMENT      |       | 172,020   |    | 158,920   |  | -13,100  |
| 54                         | UNMANNED ISR                                  |       | 15,208    |    | 15,208    |  |          |
| 55                         | NON-STANDARD AVIATION                         |       | 32,310    |    | 32,310    |  |          |
| 56                         | SOF U-28                                      |       | 10,898    |    | 10,898    |  |          |
| 57                         | MH-47 CHINOOK                                 |       | 173,812   |    | 173,812   |  |          |
| 58                         | CY-22 SOF MODIFICATION                        |       | 17,256    |    | 17,256    |  |          |
| 59                         | MQ-9 UNMANNED AERIAL VEHICLE                  |       | 5,338     |    | 5,338     |  |          |
| 60                         | PRECISION STRIKE PACKAGE                      |       | 232,930   |    | 232,930   |  |          |
| 61                         | AC/MC-130J                                    |       | 173,419   |    | 131,819   |  | -41,600  |
| 62                         | C-130 MODIFICATIONS                           |       | 15,582    |    | 15,582    |  |          |
| 63                         | SHIPBUILDING                                  |       | 58,991    |    | 58,991    |  |          |
|                            | UNDERWATER SYSTEMS                            |       |           |    |           |  |          |

[Dollars in thousands]

| Line | Item                                      | Qty. | 2020 budget estimate | Qty. | Committee recommendation | Change from |                 |
|------|---|------|----------------------|------|--------------------------|-------------|-----------------|
|      |   |      |                      |      |                          | Qty.        | Budget estimate |
| 64   | AMMUNITION PROGRAMS                       |      |                      |      |                          |             |                 |
|      | SOF ORDNANCE ITEMS UNDER \$5,000,000      |      | 279,992              |      | 246,592                  |             | -33,400         |
|      | OTHER PROCUREMENT PROGRAMS                |      |                      |      |                          |             |                 |
| 65   | SOF INTELLIGENCE SYSTEMS                  |      | 100,641              |      | 100,641                  |             |                 |
| 66   | DGGS-SOF                                  |      | 12,522               |      | 12,522                   |             |                 |
| 67   | OTHER ITEMS UNDER \$5,000,000             |      | 103,910              |      | 103,910                  |             |                 |
| 68   | SOF COMBATANT CRAFT SYSTEMS               |      | 33,088               |      | 33,088                   |             |                 |
| 69   | SPECIAL PROGRAMS                          |      | 63,467               |      | 63,467                   |             |                 |
| 70   | TACTICAL VEHICLES                         |      | 77,832               |      | 107,832                  |             | +30,000         |
| 71   | WARRIOR SYSTEMS UNDER \$5,000,000         |      | 298,480              |      | 298,480                  |             |                 |
| 72   | COMBAT MISSION REQUIREMENTS               |      | 19,702               |      | 19,702                   |             |                 |
| 73   | SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES  |      | 4,787                |      | 4,787                    |             |                 |
| 74   | SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE |      | 8,175                |      | 8,175                    |             |                 |
| 75   | SOF OPERATIONAL ENHANCEMENTS              |      | 282,532              |      | 282,532                  |             |                 |
|      | TOTAL, SPECIAL OPERATIONS COMMAND         |      | 2,192,892            |      | 2,134,792                |             | -58,100         |
|      | CHEMICAL/BIOLOGICAL DEFENSE               |      |                      |      |                          |             |                 |
| 76   | CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS |      | 162,406              |      | 154,673                  |             | -7,733          |
| 77   | CB PROTECTION AND HAZARD MITIGATION       |      | 188,188              |      | 170,788                  |             | -17,400         |
|      | TOTAL, CHEMICAL/BIOLOGICAL DEFENSE        |      | 350,594              |      | 325,461                  |             | -25,133         |
|      | CLASSIFIED PROGRAMS                       |      | 564,366              |      | 564,816                  |             | +19,550         |
|      | TOTAL, PROCUREMENT, DEFENSE-WIDE          |      | 5,109,416            |      | 5,285,914                |             | +176,498        |

## COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

| Line | Item   | 2020 budget estimate | Committee recommendation | Change from budget estimate |
|------|--|----------------------|--------------------------|-----------------------------|
| 8    | Information Systems Security (DISA) .....  | 3,318                | 4,718                    | + 1,400                     |
|      | Transfer from line 44 for Sharkseer .....  |                      |                          | + 1,400                     |
| 15   | Senior Leadership Enterprise (DISA) .....  | 78,669               | 87,669                   | + 9,000                     |
|      | Program increase .....   |                      |                          | + 9,000                     |
| 28   | THAAD (MDA) .....  | 425,863              | 388,543                  | - 37,320                    |
|      | Improving funds management: Unit cost savings .....  |                      |                          | - 37,320                    |
| 29   | Ground Based Midcourse (MDA) .....   | 9,471                | 352,471                  | + 343,000                   |
|      | RKV program termination funding transfer: 6 boosters to maintain deployed 44 GBIs .....                            |                      |                          | + 217,000                   |
|      | RKV program termination funding transfer: 22 missile field launch support systems for missile fields 1 and 4 ..... |                      |                          | + 45,000                    |
|      | RKV program termination funding transfer: 44 missile field launch support systems replacement .....                |                      |                          | + 90,000                    |
|      | RKV program termination: Early to need .....   |                      |                          | - 9,000                     |
| 31   | Aegis BMD (MDA) .....  | 600,773              | 327,374                  | - 273,399                   |
|      | SM-3 Block IB multiyear unit cost savings .....  |                      |                          | - 35,399                    |
|      | Transfer to line XX for SM-3 Block IIA interceptors .....  |                      |                          | - 238,000                   |
| XX   | AEGIS BMD SM-3 Block IIA .....   |                      | 238,000                  | + 238,000                   |
|      | Transfer from line 31 for SM-3 Block IIA interceptors .....  |                      |                          | + 238,000                   |
| 44   | Information Systems Security Program [ISSP] (NSA) .....  | 1,533                | 133                      | - 1,400                     |
|      | Transfer to line 8 for Sharkseer .....   |                      |                          | - 1,400                     |
| 53   | Rotary Wing Upgrades and Sustainment (SOCOM) .....   | 172,020              | 158,920                  | - 13,100                    |
|      | Restoring acquisition accountability: Installations ahead of need .....  |                      |                          | - 13,100                    |
| 61   | AC/MC-130J (SOCOM) .....   | 173,419              | 131,819                  | - 41,600                    |
|      | SOCOM requested transfer to RDDW, Line 256: RFCM .....   |                      |                          | - 8,400                     |
|      | Restoring acquisition accountability: RFCM ahead of need .....   |                      |                          | - 33,200                    |
| 64   | Ordnance Items <\$5M (SOCOM) .....   | 279,992              | 246,592                  | - 33,400                    |
|      | Restoring acquisition accountability: SOPGM unit cost adjustment .....   |                      |                          | - 11,900                    |
|      | Restoring acquisition accountability: Excess carryover .....   |                      |                          | - 21,500                    |
| 70   | Tactical Vehicles (SOCOM) .....  | 77,832               | 107,832                  | + 30,000                    |
|      | Program increase: Ground Mobility Vehicles .....   |                      |                          | + 30,000                    |
| 76   | Chemical Biological Situational Awareness (CBDP) .....   | 162,406              | 154,673                  | - 7,733                     |
|      | Program increase: CBRN dismounted reconnaissance system .....  |                      |                          | + 5,000                     |
|      | Restoring acquisition accountability: EMBD maintain level of effort .....  |                      |                          | - 1,500                     |
|      | MMPRDS .....   |                      |                          | - 3,245                     |
|      | JCAD .....   |                      |                          | - 4,493                     |
|      | Restoring acquisition accountability: CSIRP Acquisition strategy .....   |                      |                          | - 3,495                     |
| 77   | CB Protection & Hazard Mitigation (CBDP) .....   | 188,188              | 170,788                  | - 17,400                    |
|      | Program increase: CB protective shelter .....  |                      |                          | + 5,000                     |
|      | Program increase: Joint service lightweight integrated suit technology .....                                       |                      |                          | + 2,000                     |
|      | Restoring acquisition accountability: JSAM RW Schedule slips .....   |                      |                          | - 18,700                    |
|      | Restoring acquisition accountability: AAS Schedule slips .....   |                      |                          | - 2,200                     |
|      | Restoring acquisition accountability: VAC BOT Schedule slips .....   |                      |                          | - 3,000                     |
|      | Restoring acquisition accountability: VAC PLG Schedule slips .....   |                      |                          | - 500                       |
| 999  | Classified Programs .....  | 584,366              | 564,816                  | - 19,550                    |
|      | Classified adjustment .....  |                      |                          | - 19,550                    |

*Procurement of Standard Missile-3 Block IB and Block IIA Interceptors.*—The fiscal year 2020 President’s budget request includes \$459,768,000 in Procurement, Defense-Wide for the procurement of no less than 30 Standard Missile-3 [SM–3] Block IB interceptors using previously granted multi-year procurement authority, which includes \$96,995,000 in Advance Procurement [AP] for economic order quantity items. The Committee recommends full funding of AP for SM–3 Block IB interceptors and understands that this will result in unit cost savings above those included in the President’s budget request due to additional cost saving opportunities identified by the Government and industry team. The Committee further understands that this will provide opportunities to increase procurement quantities over the multi-year procurement without additional costs to the Government.

The Committee notes that under existing law, a multi-year procurement contract may not be entered into until thirty days after the Secretary of Defense certifies in writing to the congressional defense committees that certain conditions are satisfied, and directs that concurrent with such certification the Under Secretary of Defense (Research and Engineering) shall certify to the congressional defense committees the design and technology readiness levels of critical SM–3 Block IB interceptor components.

The Committee understands that opportunities to upgrade the SM–3 Block IIA interceptor exist and directs that no funds for the procurement of SM–3 Block IIA interceptors in fiscal year 2020 may be obligated or expended until thirty days after the Under Secretary of Defense (Research and Engineering) certifies to the congressional defense committees the design and technology readiness levels of critical SM–3 Block IIA interceptor components; as well as identifies additional upgrades to the SM–3 Block IIA interceptor under consideration and associated costs.

In addition, the Committee notes that the approved acquisition objective [AAO] for the SM–3 interceptor is under review. The Committee directs the Director, MDA, in conjunction with the Assistant Secretary of the Navy (Research, Development and Acquisition) to provide to the congressional defense committees the updated AAO for SM–3 interceptors, consistent with the format provided in response to such direction in fiscal year 2017, not later than with submission of the fiscal year 2021 President’s budget request.

*Chemical Protective Suits.*—The Committee recognizes the importance of maintaining warfighter capability during contingency operations involving the hostile deployment of chemical weapons and recommends continued support of the organic industrial base for chemical protective suits.

DEFENSE PRODUCTION ACT PURCHASES

|                                |              |
|--------------------------------|--------------|
| Appropriations, 2019 .....     | \$53,578,000 |
| Budget estimate, 2020 .....    | 34,393,000   |
| Committee recommendation ..... | 39,393,000   |

The Committee recommends an appropriation of \$39,393,000. This is \$5,000,000 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.  | 2020 budget estimate | Qty.  | Committee recommendation | Change from |                 |
|------|---|-------|----------------------|-------|--------------------------|-------------|-----------------|
|      |   |       |                      |       |                          | Qty.        | Budget estimate |
| 1    | DEFENSE PRODUCTION ACT PURCHASES        | ..... | 34,393               | ..... | 39,393                   | .....       | + 5,000         |
|      | TOTAL, DEFENSE PRODUCTION ACT PURCHASES | ..... | 34,393               | ..... | 39,393                   | .....       | + 5,000         |



*Additional Funding.*—The Committee recognizes the critical role that the DPA title III program serves in strengthening the U.S. defense industrial base, including its support of Executive Order 13806, Assessing and Strengthening the Manufacturing and Defense Industrial Base and Supply Chain Resiliency of the United States. The Committee encourages the DPA program to continue supporting Executive Order 13806, as well as efforts to strengthen domestic fabric suppliers, and will continue to monitor execution of funds and drawdown of the DPA fund balance. Therefore, the Committee increases funding for DPA by \$5,000,000 over the budget request. The Committee directs that the additional funding be competitively awarded to new initiatives and priority consideration should be given to completion of DPA projects initiated in prior years. Furthermore, the Committee directs the Under Secretary of Defense (Acquisition and Sustainment) to inform the congressional defense committees 30 days prior to any obligation or expenditure of these funds.

JOINT URGENT OPERATIONAL NEEDS FUND

|                                |              |
|--------------------------------|--------------|
| Appropriations, 2019 .....     |              |
| Budget estimate, 2020 .....    | \$99,200,000 |
| Committee recommendation ..... |              |

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