RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY APPROPRIATION LANGUAGE

For expenses necessary for basic and applied scientific research, development, test and evaluation, including maintenance, rehabilitation, lease, and operation of facilities and equipment, \$7,615,921,000.00 to remain available for obligation until September 30, 2018.

The following Justification Books were prepared at a cost of \$1,209,553: Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 - Tactical & Support Vehicles, Other Procurement Army (OPA) 2 – Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, and Budget Activity 7.

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FY 2017 RDT&E, ARMY PROGRAM ELEMENT DESCRIPTIVE SUMMARIES

Introduction and Explanation of Contents

- 1. General. The purpose of this document is to provide summary information concerning the Research, Development, Test and Evaluation, Army program. The descriptive summaries are comprised of R-2 (Army RDT&E Budget Item Justification program element level), R-2A (Army RDT&E Budget Item Justification project level), R-3 (Army RDT&E Cost Analysis), R-4 (Schedule Profile Detail) and R-5 (Termination Liability Funding for MDAPs) Exhibits, which provide narrative information on all RDT&E program elements and projects through FY 2017.
- 2. Relationship of the FY 2017 Budget Submitted to Congress to the FY 2016 Budget Submitted to Congress. This paragraph provides a list of program elements/projects that are major new starts, restructures, developmental transitions, and terminated programs. Explanations for these changes can be found in the narrative sections of the Program Element R-2A Exhibits.

A. New Start Programs:

| PE/Project | PE Title | Project Title |
|------------|---|--|
| 345251/FA8 | Cyberspace Operations Forces and Force Support | Cyberspace Operations Forces and Force Support |
| 363326/FA9 | Security Initiatives | Security Initiatives |
| 373150/EA5 | Army Global Command & Control System | Strategic and Joint Mission Command |
| 643308/EB7 | Army Missile Defense Systems Integration | Army Space System Enhancement/Integration |
| 643619/606 | Close Combat Systems Adv Dev | Cntrmn/Barrier Adv Dev |
| 643801/B47 | Aviation Advanced Development | Future Vertical Lift Medium |
| 654270/ET7 | EW Development | Radio Frequency Interference Mitigation |
| 654270/DX6 | EW Development | Radio Frequency Interference Mitigation |
| 654622/659 | Family of Heavy Tactical Vehicles | Family of Hvy Tac Veh |
| 654622/E40 | Light Tactical Wheeled Vehicle | LTV Prototype |
| 654645/EV8 | Armored Systems Modernization on End Dev | Mobile Protected Firepower |
| 654818/EW3 | Army Tac Comm & Cont Hardware & Software | Unit Task Reorganization (UTR) Development |
| 654822/EV4 | General Fund Enterprise Business System (GFEBS) | General Fund Enterprise Business System Inc 2 |
| 664759/FA4 | Major Test & Evaluation Investment | Warrior Injury Assessment Manikin (WIAMan) |
| 675024/FB1 | Anti-Tamper Technology Support | Anti-Tamper Technology Support |
| 654818/EW3 | Army Tac Comm &Cont Hardware & Software | Unit Task Reorganization (UTR) Development |

B. Program Element/Project Restructures:

| Old | | New |
|-------------|---|-------------|
| PE/Project | New Project Title | PE/Project |
| 0205778/EG2 | Long Range Precision Fires (LRPF) | 0607134/ES1 |
| 0303140/501 | Army Key Mgmt System | 0303140/DV4 |
| 0305204/D10 | MQ-1C Gray Eagle | 0203744/EB6 |
| 0601102/S14 | Basic Resch in Clinical & Rehabilitative Med | 0601102/ET6 |
| 0602787/874 | Appl Resch in Clinical and Rehabilitative Med | 0602787/ET4 |
| 0603002/840 | Medical Advance Technology | 0603002/ET5 |
| 0603827/S53 | Personnel Airdrop System Development | 0603827/ET8 |
| 0604120/ED5 | Mounted | 0604120/EH8 |
| 0604120/ED5 | Dismounted | 0604120/EJ2 |
| 0604280/DZ5 | Manpack Radio | 0605042/FA1 |
| 0604280/DZ5 | Rifleman Radio | 0605042/FA2 |
| 0604622/659 | TWV Protection Kits | 0604622/VR5 |
| 0604759/984 | Range Radar Replacement Program (RRRP) | 0604759/EY9 |
| 0604798/DY4 | Network Integration Support | 0604798/DY3 |
| 0604798/DY6 | Brigade and Platform Integration Support | 0604798/DY3 |
| 0604818/S75 | Tactical Network Operations and Management | 0604818/EK9 |
| 0604827/S75 | Ground Soldier Ensemble | 0604818/EQ8 |
| 0605031/EF5 | Waveforms | 0605031/EX6 |
| 0605457/DU4 | FAAD C2 ED | 0604741/126 |

C. Developmental Transitions:

| Old | | New |
|-------------|---|-------------|
| PE/Project | New Project Title | PE/Project |
| 0204502/EF2 | Integ/GrdSecSurv RespC | 0605029/EQ2 |
| 0204502/EF2 | Grnd-Based Opnl Surv Sys Expend (GBOSS-E) | 0605033/EQ3 |
| 0303140/491 | Defensive Cyber Operations | 0605041/EV5 |
| 0603639/EC2 | Adv Armor-Piercing (ADVAP) | 0604802/EP5 |
| 0603639/EL8 | Lightweight Cartridge Case for Small Caliber Ammo | 0604802/EP6 |
| 0603639/656 | 120mm Cartridge (Advanced Multipurpose AMP) | 0604802/ED7 |
| 0603782/372 | Warfighter Information Network | 0605535/EE8 |
| 0603827S54 | Crew Served Weapons Engineering Development | 0604601/EW4 |
| 0603850/472 | Integrated Broadcast System | 0305179/EF4 |
| 0605626/AC5 | Enhanced Medium Alt Recon Surv Sys | 0305206/EH3 |
| 0605898/M65 | ATEC Joint | 0605712/001 |
| 0606801/M46 | AMCOM Cmd/Ctr Spt | 0602705/H94 |
| 0606801/M46 | AMCOM Cmd/Ctr Spt | 0605024/FB1 |
| 0607865/DV8 | Lower Tier Missile Defense (LTAMD) Capability | 0604114/EX2 |
| 0604319/DU3 | IFPC2 | 0605052/EY7 |

D. Program Terminations:

PE TitlePE/ProjectAircrew Integrated Sys Ad0603827/152PAC-3/MSE Missile0605456/PA3

3. Classification: This document contains no classified data Appropriately cleared individuals can obtain further information on Classified/Special Access Programs by contacting the Department of the Army (ASA(ALT)) Special Programs Office.

Department of Defense FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

| Appropriation | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|--|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|
| Research, Development, Test & Eval, Army | 6,744,134 | 7,562,170 | 1,500 | 7,563,670 | 7,515,399 | 100,522 | 7,615,921 |
| Total Research, Development, Test & Evaluation | 6,744,134 | 7,562,170 | 1,500 | 7,563,670 | 7,515,399 | 100,522 | 7,615,921 |

Department of Defense FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

| Summary Recap of Budget Activities | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|--|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|
| Basic Research | 447,868 | 469,079 | | 469,079 | 428,943 | | 428,943 |
| Applied Research | 964,085 | 1,092,885 | | 1,092,885 | 907,574 | | 907,574 |
| Advanced Technology Development | 1,089,087 | 1,127,304 | | 1,127,304 | 930,065 | | 930,065 |
| Advanced Component Development & Prototypes | 298,467 | 506,123 | 1,500 | 507,623 | 550,635 | 9,375 | 560,010 |
| System Development & Demonstration | 1,604,756 | 2,085,147 | | 2,085,147 | 2,265,094 | 84,043 | 2,349,137 |
| RDT&E Management Support | 1,166,015 | 1,070,581 | | 1,070,581 | 1,136,134 | | 1,136,134 |
| Operational Systems Development | 1,173,856 | 1,211,051 | | 1,211,051 | 1,296,954 | 7,104 | 1,304,058 |
| Total Research, Development, Test & Evaluation | 6,744,134 | 7,562,170 | 1,500 | 7,563,670 | 7,515,399 | 100,522 | 7,615,921 |
| Summary Recap of FYDP Programs | | | | | | | , |
| General Purpose Forces | 705,451 | 779,716 | | 779,716 | 618,038 | | 618,038 |
| Intelligence and Communications | 162,187 | 171,857 | | 171,857 | 238,711 | 7,104 | 245,815 |
| Research and Development | 5,788,542 | 6,545,639 | 1,500 | 6,547,139 | 6,591,738 | 93,418 | 6,685,156 |
| Central Supply and Maintenance | 73,419 | 60,422 | | 60,422 | 62,287 | | 62,287 |
| Administration and Associated Activities | 233 | | | | | | |
| Classified Programs | 14,302 | 4,536 | | 4,536 | 4,625 | | 4,625 |
| Total Research, Development, Test & Evaluation | 6,744,134 | 7,562,170 | 1,500 | 7,563,670 | 7,515,399 | 100,522 | 7,615,921 |

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

| Summary Recap of Budget Activities | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|--|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|
| Basic Research | 447,868 | 469,079 | | 469,079 | 428,943 | | 428,943 |
| Applied Research | 964,085 | 1,092,885 | | 1,092,885 | 907,574 | | 907,574 |
| Advanced Technology Development | 1,089,087 | 1,127,304 | | 1,127,304 | 930,065 | | 930,065 |
| Advanced Component Development & Prototypes | 298,467 | 506,123 | 1,500 | 507,623 | 550,635 | 9,375 | 560,010 |
| System Development & Demonstration | 1,604,756 | 2,085,147 | | 2,085,147 | 2,265,094 | 84,043 | 2,349,137 |
| RDT&E Management Support | 1,166,015 | 1,070,581 | | 1,070,581 | 1,136,134 | | 1,136,134 |
| Operational Systems Development | 1,173,856 | 1,211,051 | | 1,211,051 | 1,296,954 | 7,,104 | 1,304,058 |
| Total Research, Development, Test & Evaluation | 6,744,134 | 7,562,170 | 1,500: | 7,563,670 | 7,515,399 | 100,522 | 7,615,921 |
| Summary Recap of PYDP Programs | | | | | | | |
| General Purpose Forces | 705,451 | 779,716 | , | 779,716 | 618,038 | 0 | 618,038 |
| Intelligence and Communications | 162,187 | 171,857 | | 171,857 | 238,711 | 7,104 | 245,815 |
| Research and Development | 5,788,542 | 6,545,639 | 1,500 | 6,547,139 | 6,591,738 | 93,418 | 6,685,156 |
| Central Supply and Maintenance | 73,419 | 60,422 | | 60,422 | 62,287 | | 62,287 |
| Administration and Associated Activities | 233 | | | | | | |
| Classified Programs | 14,302 | 4,536 | | 4,536 | 4,625 | • | 4,625 |
| Total Research, Development, Test & Evaluation | 6,744,134 | 7,562,170 | 1,500 | 7,563,670 | 7,515,399 | 100,522 | 7,615,921 |

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Appropriation: 2040A Research, Development, Test & Eval, Army

| Program Line Element No Number | Îtem | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 20 Tota | | S e c |
|--------------------------------------|---|------------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|---------------|-------|-------------|
| 1 0601101A | In-House Laboratory Independe | nt 01 | 13,125 | 13,018 | | 13,018 | 12,381 | | 12 | ,381 | υ |
| 2 0601102A | Defense Research Sciences | 01 | 249,855 | 279,118 | | 279,118 | 253,116 | | 253 | ,116 | Ū |
| 3 0601103A | University Research Initiativ | es 01 | 79,122 | 72,603 | | 72,603 | 69,166 | | 69 | ,166 | U |
| 4.0601104A | University and Industry Resea Centers | rch 01 | 105,766 | 104,340 | | 104,340 | 94,280 | | 94 | ,280 | υ |
| Bas | ic Research | | 447,868 | 469,079 | | 469,079 | 428,943 | | 428 | ,943 | |
| 5 0602105A | Materials Technology | 02 | 45,563 | 68,314 | | 68,314 | 31,533 | | 31 | ,533 | IJ |
| 6 0602120A | Sensors and Electronic Surviv | ability 02 | 45,792 | 58,374 | | 58,374 | 36,109 | | . 36 | ,109 | U |
| 7 0602122A | TRACTOR HIP | 02 | 16,358 | 6,879 | | 6,879 | 6,995 | | 6 | ,995 | U |
| 8 0602211A | Aviation Technology | 02 | 62,046 | 56,884 | | 56,884 | 65,914 | | 65 | ,914 | U |
| 9 0602270A | Electronic Warfare Technology | . 02 | 19,333 | 19,243 | | 19,243 | 25,466 | | 25 | ,466 | U |
| 10 0602303A | Missile Technology | 02 | 61,144 | 53,553 | | 53,553 | 44,313 | | 44 | ,313 | U |
| 11 0602307A | Advanced Weapons Technology | 02 | 37,464 | 38,028 | | 38,028 | 28,803 | | 28 | ,803 | U |
| 12 0602308A | Advanced Concepts and Simulat | ion 02 | 26,505 | 27,862 | | 27,862 | 27,688 | | 27 | ,688 | U |
| 13 0602601A | Combat Vehicle and Automotive Technology | 02 | 71,811 | 98,439 | | 98,439 | 67,959 | | 67 | , 959 | U |
| 14 0602618A | Ballistics Technology | 02 | 83,610 | 117,801 | | 117,801 | 85,436 | | 85 | ,436 | Ū |
| 15 0602622A | Chemical, Smoke and Equipment Defeating Technology | 02 | 3,865 | 3,866 | | 3,866 | 3,923 | | 3 | , 923 | Ū |
| 16 0602623A | Joint Service Small Arms Prog | ram 02 | 6,633 | 5,487 | | 5,487 | 5,545 | | 5 | ,545 | U |
| 17 0602624A | Weapons and Munitions Technol | ogy 02 | 62,131 | 83,340 | | 83,340 | 53,581 | | 53 | ,581 | U |
| 18 0602705A | Electronics and Electronic De | vices 02 | 72,442 | 64,301 | | 64,301 | 56,322 | | 56 | ,322 | U |

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Appropriation: 2040A Research, Development, Test & Eval, Army

| Line No | Program Element Number | Item | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total | S e c |
|------------|------------------------------|---|-----|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 19 | 0602709A | Night Vision Technology | 02 | . 44,694 | 38,807 | | 38,807 | 36,079 | | 36,079 | U |
| 20 | 0602712A | Countermine Systems | 02 | 28,597 | 36,568 | | 36,568 | 26,497 | | 26,497 | U |
| 21 | 0602716A | Human Factors Engineering Technology | 02 | 23,434 | 23,681 | | 23,681 | 23,671 | | 23,671 | U |
| 22 | 0602720A | Environmental Quality Technology | 02 | 15,288 | 20,850 | | 20,850 | 22,151 | | 22,151 | U |
| 23 | 0602782A | Command, Control, Communications Technology | 02 | 33,117 | 36,160 | | 36,160 | 37,803 | | 37,803 | υ |
| 24 | 0602783A | Computer and Software Technology | 02 | 10,514 | 12,656 | | 12,656 | 13,811 | | 13,811 | U |
| 25 | 0602784A | Military Engineering Technology | 02 | 66,582 | 80,909 | | 80,909 | 67,416 | | 67,416 | U |
| 26 | 0602785A | Manpower/Personnel/Training Technology | 02 | 21,280 | 24,735 | | 24,735 | 26,045. | | 26,045 | U |
| 27 | 0602786A | Warfighter Technology | 02 | 31,597 | 39,295 | | 39,295 | 37,403 | | 37,403 | U |
| 28 | 0602787A | Medical Technology | 02 | 74,285 | 76,853 | | 76,853 | 77,111 | | 77,111 | U |
| | Appli | ed Research | | 964,085 | 1,092,885 | | 1,092,885 | 907,574 | | 907,574 | |
| 29 | 0603001A | Warfighter Advanced Technology | 03 | 75,833 | 55,973 | | 55,973 | 38,831 | | 38,831 | U |
| 30 | 0603002A | Medical Advanced Technology | 03 | 104,997 | 108,584 | | 108,584 | 68,365 | | 68,365 | U |
| 31 | 0603003A | Aviation Advanced Technology | 03 | 99,762 | 103,136 | | 103,136 | 94,280 | | 94,280 | U |
| 32 | 0603004A | Weapons and Munitions Advanced Technology | 03 | 72,176 | 82,663 | | 82,663 | 68,714 | | 68,714 | U |
| 33 | 0603005A | Combat Vehicle and Automotive Advanced Technology | 03 | 143,606 | 135,571 | | 135,571 | 122,132 | | 122,132 | U |
| 34 | 0603006A | Space Application Advanced Technology | 03 | 6,664 | 5,554 | | 5,554 | 3,904 | | 3,904 | U |
| 35 | 0603007A | Manpower, Personnel and Training Advanced Technology | 03 | 11,677 | 12,636 | | 12,636 | 14,417 | | 14,417 | Ü |

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Appropriation: 2040A Research, Development, Test & Eval, Army

| Program Line Element No Number | Item | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 20: Tota | | s e c |
|--------------------------------------|---|--------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|----------------|-------|-------------|
| 36 06030082 | | 03 | 43,416 | | | | | | | | U |
| 37 06030092 | A TRACTOR HIKE | 03 | 7,492 | 7,502 | | 7,502 | 8,074 | • | 8. | ,074 | U |
| 38 0603015 | Next Generation Training & Simulation Systems | 03 | 16,103 | 17,425 | | 17,425 | 18,969 | | 18, | , 969 | U |
| 39 06030201 | A TRACTOR ROSE | 03 | 14,483 | 11,912 | | 11,912 | 11,910 | | 11, | ,910 | U, |
| 40 0603125 | A Combating Terrorism - Technolog Development | у 03 | 23,334 | 33,520 | | 33,520 | 27,686 | | 27, | , 686 | U |
| 41 0603130 | A TRACTOR NAIL | 03 | 3,440 | 2,381 | | 2,381 | 2,340 | | 2, | 340 | U |
| 42 0603131 | A TRACTOR EGGS | 0.3 | 2,406 | 2,431 | | 2,431 | 2,470 | | 2, | 470 | υ |
| 43 0603270 | Electronic Warfare Technology | 03 | 27,238 | 32,874 | | 32,874 | 27,893 | | 27, | 893 | υ |
| 44 06033137 | Missile and Rocket Advanced Technology | 03 | 78,302 | 104,449 | | 104,449 | 52,190 | | 52, | 190 | Ū |
| 45 0603322 | TRACTOR CAGE | 03 | 11,105 | 10,999 | | 10,999 | 11,107 | | 11, | 107 | υ |
| 46 06034612 | High Performance Computing Modernization Program | 0.3 | 214,614 | 222,159 | | 222,159 | 177,190 | | 177, | 190 | U |
| 47 0603606 <i>I</i> | Landmine Warfare and Barrier Advanced Technology | 03 | 12,795 | 13,966 | | 13,966 | 17,451 | | 17, | 451 | U |
| 48 0603607 | Joint Service Small Arms Program | m 03 | 7,055 | 5,105 | | 5,105 | 5,839 | | 5, | 839 | U |
| 49 0603710 <i>F</i> | Night Vision Advanced Technology | y 03 | 46,056 | 40,929 | | 40,929 | 44,468 | | 44, | 468 | U |
| 50 0603728 | Environmental Quality Technology Demonstrations | y 03 | 11,311 | 14,727 | | 14,727 | 11,137 | | 11, | 137 | U |
| 51 06037342 | Military Engineering Advanced Technology | 03 | 17,124 | 26,845 | | 26,845 | 20,684 | | 20, | 684 | U |
| 52 0603772A | Advanced Tactical Computer Scienand Sensor Technology | nce 03 | 38,098 | 38,147 | | 38,147 | 44,239 | | 44, | 239 | U |

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Appropriation: 2040A Research, Development, Test & Eval, Army

| Line No | Program Element Number | Item | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total | s e c |
|------------|------------------------------|--|------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 53 | 0603794A | C3 Advanced Technology | 03 | | 37,816 | | 37,816 | 35,775 | | 35,775 | U |
| | Advan | ced Technology Development | | 1,089,087 | 1,127,304 | | 1,127,304 | 930,065 | | 930,065 | - |
| 54 | 0603305A | Army Missle Defense Systems Integration | 04 | 25,672 | 29,347 | | 29,347 | 9,433 | | 9,433 | Ū |
| 55 | 0603308A | Army Space Systems Integration | 04 | 13,804 | 25,061 | | 25,061 | 23,056 | 9,375 | 32,431 | U |
| 56 | 0603619A | Landmine Warfare and Barrier - Adv Dev | 04 | | 45,757 | | 45,757 | 72,117 | | 72,117 | U |
| 57 | 0603627A | Smoke, Obscurant and Target Defeating Sys-Adv Dev | . 04 | | 13,426 | | 13,426 | 28,244 | | 28,244 | Ū |
| 58 | 0603639A | Tank and Medium Caliber Ammunition | 04 | 25,317 | 46,749 | ä | 46,749 | 40,096 | | 40,096 | U |
| 59 | 0603747A | Soldier Support and Survivability | 04 | 8,633 | 2,801 | 1,500 | 4,301 | 10,506 | | 10,506 | U |
| 60 | 0603766A | Tactical Electronic Surveillance System - Adv Dev | 04 | 9,255 | 13,472 | | 13,472 | 15,730 | | 15,730 | υ |
| 61 | 0603774A | Night Vision Systems Advanced Development | 04 | 3,521 | 7,292 | | 7,292 | 10,321 | | 10,321 | υ |
| 62 | 0603779A | Environmental Quality Technology - Dem/Val | 04 | 7,529 | 8,813 | | 8,813 | 7,785 | | 7,785 | Ū |
| 63 | 0603790A | NATO Research and Development | 04 | 2,839 | 6,075 | | 6,075 | 2,300 | | 2,300 | U |
| 64 | 0603801A | Aviation - Adv Dev | 04 | | | | | 10,014 | | 10,014 | U |
| 65 | 0603804A | Logistics and Engineer Equipment - Adv Dev | 04 | 13,188 | 21,233 | | 21,233 | 20,834 | | 20,834 | υ |
| 66 | 0603807A | Medical Systems - Adv Dev | 04 | 22,825 | 31,962 | | 31,962 | 33,503 | | 33,503 | U |
| 67 | 0603827A | Soldier Systems - Advanced Development | 04 | 9,194 | 22,994 | | 22,994 | 31,120 | | 31,120 | U |
| 68 | 0604100A | Analysis Of Alternatives | 04 | 9,685 | 9,805 | | 9,805 | 6,608 | | 6,608 | U |

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Appropriation: 2040A Research, Development, Test & Eval, Army

| Line No | Program Element Number | Item | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 20 Tota | | s e c |
|------------|------------------------------|--|-----------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|---------------|-------|-------------|
| 69 | 0604114A | Lower Tier Air Missile Defens | e 04 | | | | | 35,132 | | 3 | 5,132 | U |
| 70 | 0604115A | Technology Maturation Initiat | ives 04 | 43,083 | 35,917 | | 35,917 | 70,047 | | 70 | 0,047 | U |
| 71 | 0604120A | Assured Positioning, Navigati Timing (PNT) | on and 04 | 11,447 | 30,058 | | 30,058 | 83,279 | | 83 | 3,279 | U |
| 72 | 0604319A | Indirect Fire Protection Capa Increment 2-Intercept (IFPC2) | | 92,475 | 155,361 | | 155,361 | | - | | | Ū |
| 73 | 0305251A | Cyberspace Operations Forces Force Support | and 04 | | | | | 40,510 | : | 4 0 | ,510 | υ |
| | Advan | ced Component Development & Pr | ototypes | 298,467 | 506,123 | 1,500 | 507,623 | 550,635 | 9,375 | 560 | ,010 | • |
| 74 | 0604201A | Aircraft Avionics | 05 | 39,583 | 18,639 | | 18,639 | 83,248 | • | 83 | ,248 | U |
| 75 | 0604270A | Electronic Warfare Developmen | t 05 | 5,792 | 18,843 | | 18,843 | 34,642 | | 34 | ,642 | U |
| 76 | 0604280A | Joint Tactical Radio | 05 | 9,454 | 4,546 | | 4,546 | | | | | U |
| 77 | 0604290A | Mid-tier Networking Vehicular (MNVR) | Radio 05 | 9,355 | 8,763 | | 8,763 | 12,172 | | 12 | ,172 | ָּט |
| 78 | 0604321A | All Source Analysis System | 05 | 5,532 | 4,309 | | 4,309 | 3,958 | | 3 | ,958 | U |
| 79 | 0604328A | TRACTOR CAGE | 05 | 19,929 | 15,138 | | 15,138 | 12,525 | | 12 | ,525 | ប |
| 80 | 0604601A | Infantry Support Weapons | 05 | 36,826 | 89,661 | | 89,661 | 66,943 | | 66 | ,943 | U |
| 81 | 0604604A | Medium Tactical Vehicles | 05 | 202 | | | | | | | | U |
| 82 | 0604611A | JAVELIN | 05 | 4,006 | 3,945 | | 3,945 | 20,011 | | 20 | ,011 | U |
| 83 | 0604622A | Family of Heavy Tactical Vehi | cles 05 | 12,768 | | | | 11,429 | | 11 | ,429 | U |
| 84 | 0604633A | Air Traffic Control | 05 | 17,066 | 10,076 | | 10,076 | 3,421 | | 3 | ,421 | U |
| 85 | 0604641A | Tactical Unmanned Ground Vehic (TUGV) | cle 05 | 2,663 | 15,374 | | 15,374 | 39,282 | | 39 | ,282 | U |

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| | Program Element Number | Item | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total | s e c |
|-----|------------------------------|--|-----|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 86 | 0604642A | Light Tactical Wheeled Vehicles | 05 | | | | | 494 | | 494 | U |
| 87 | 0604645A | Armored Systems Modernization (ASM) - Eng Dev | 05 | | | | | 9,678 | | 9,678 | υ |
| 88 | 0604710A | Night Vision Systems - Eng Dev | 05 | 58,997 | 67,582 | | 67,582 | 84,519 | | 84,519 | บ |
| 89 | 0604713A | Combat Feeding, Clothing, and Equipment | 05 | 2,983 | 1,763 | | 1,763 | 2,054 | | 2,054 | U |
| 90 | 0604715A | Non-System Training Devices - Eng Dev | 05 | 8,775 | 27,155 | | 27,155 | 30,774 | 33 | 30,807 | U |
| 91 | 0604741A | Air Defense Command, Control and Intelligence - Eng Dev | 05 | 15,294 | 34,569 | | 34,569 | 53,332 | | 53,332 | U |
| 92 | 0604742A | Constructive Simulation Systems Development | 05 | 4,394 | 23,364 | | 23,364 | 17,887 | | 17,887 | U |
| 93 | 0604746A | Automatic Test Equipment Development | 05 | 10,685 | 8,960 | | 8,960 | .8,813 | | 8,813 | U |
| 94 | 0604760A | Distributive Interactive Simulations (DIS) - Eng Dev | 05 | 9,699 | 9,138 | | 9,138 | 10,487 | | 10,487 | υ |
| 95 | 0604780A | Combined Arms Tactical Trainer (CATT) Core | 05 | 33,422 | 21,622 | | 21,622 | 15,068 | | 15,068 | U |
| 96 | 0604798A | Brigade Analysis, Integration and Evaluation | 05 | 82,957 | 99,242 | | 99,242 | 89,716 | | 89,716 | υ |
| 97 | 0604802A | Weapons and Munitions - Eng Dev | 05 | 17,312 | 21,379 | | 21,379 | 80,365 | | 80,365 | U |
| 98 | 0604804A | Logistics and Engineer Equipment - Eng Dev | 05 | 23,652 | 46,039 | | 46,039 | 75,098 | | 75,098 | U |
| 99 | 0604805A | Command, Control, Communications Systems - Eng Dev | 05 | 5,116 | 2,683 | | 2,683 | 4,245 | | 4,245 | U |
| 100 | 0604807A | Medical Materiel/Medical Biological Defense Equipment - Eng Dev | 05 | 29,441 | 45,412 | | 45,412 | 41,124 | | 41,124 | υ |
| 101 | 0604808A | Landmine Warfare/Barrier - Eng Dev | 05 | 53,579 | 55,215 | | 55,215 | 39,630 | | 39,630 | U |

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| | Program Element Number | Item | Ac | FY 2015 t (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total | S e c |
|-----|------------------------------|--|--------------|---------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 102 | 0604818A | Army Tactical Command & Cont. Hardware & Software | rol 0 | 5 29,690 | 131,639 | | 131,639 | 205,590 | | 205,590 | U |
| 103 | 0604820A | Radar Development | 0 | 5 5,022 | 12,309 | | 12,309 | 15,983 | | 15,983 | U |
| 104 | 0604822A | General Fund Enterprise Busin System (GFEBS) | iess 0 | 5 5,500 | 21,155 | | 21,155 | 6,805 | | 6,805 | U |
| 105 | 0604823A | Firefinder | 0 | 5 22,587 | 2,967 | | 2,967 | 9,235 | | 9,235 | U |
| 106 | 0604827A | Soldier Systems - Warrior Der | n/Val 0 | 5,942 | 18,776 | | 18,776 | 12,393 | | 12,393 | U |
| 107 | 0604854A | Artillery Systems - EMD | . 0 | 5 1,838 | 1,953 | | 1,953 | 1,756 | | 1,756 | U |
| 108 | 0605013A | Information Technology Develo | pment 0 | 64,982 | 60,358 | | 60,358 | 74,236 | | 74,236 | U |
| 109 | 0605018A | Integrated Personnel and Pay System-Army (IPPS-A) | 0. | 62,831 | 121,011 | | 121,011 | 155,584 | | 155,584 | Ū |
| 110 | 0605028A | Armored Multi-Purpose Vehicle | (AMPV) 0 | 5 88,797 | 226,210 | | 226,210 | 184,221 | | 184,221 | U |
| 111 | 0605029A | Integrated Ground Security Surveillance Response Capabil (IGSSR-C) | 0 ity | 5 | | | | 4,980 | | 4,980 | U |
| 112 | 0605030A | Joint Tactical Network Center | (JTNC) 0 | 8,615 | 13,357 | | 13,357 | 15,041 | | 15,041 | U |
| 113 | 0605031A | Joint Tactical Network (JTN) | 0. | 5 17,305 | 18,055 | | 18,055 | 16,014 | | 16,014 | U |
| 114 | 0605032A | TRACTOR TIRE | 0: | 5 | 5,677 | | 5,677 | 27,254 | | 27,254 | U |
| 115 | 0605033A | Ground-Based Operational Surveillance System - Expedit (GBOSS-E) | 09 ionary | 5 | | | | 5,032 | | 5,032 | U |
| 116 | 0605034A | Tactical Security System (TSS | 5) 0! | 5 | | | | 2,904 | | 2,904 | υ |
| 117 | 0605035A | Common Infrared Countermeasur (CIRCM) | es 0! | 169,196 | 101,570 | | 101,570 | 96,977 | 10,900 | 107,877 | Ū |
| 118 | 0605036A | Combating Weapons of Mass Destruction (CWMD) | 05 | 5 | | | | 2,089 | | 2,089 | U |

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|------------|------------------------------|--|---------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 119 | 0605041A | Defensive CYBER Tool Development | 05 | | | | | 33,836 | | 33,836 | U |
| 120 | 0605042A | Tactical Network Radio Systems (Low-Tier) | 05 | | | | | 18,824 | | 18,824 | U |
| 121 | 0605047A | Contract Writing System | 05 | | | | | 20,663 | | 20,663 | υ |
| 122 | 0605051A | Aircraft Survivability Development | 05 | | 78,112 | | 78,112 | 41,133 | 73,110 | 114,243 | U |
| 123 | 0605052A | Indirect Fire Protection Capability Inc 2 - Block 1 | 05 | | | | | 83,995 | | 83,995 | U · |
| 124 | 0605350A | WIN-T Increment 3 - Full Networking | 05 | 108,851 | 33,515 | | 33,515 | | | | U |
| 125 | 0605380A | AMF Joint Tactical Radio System (JTRS) | 05 | 6,616 | 11,455 | | 11,455 | 5,028 | | 5,028 | U |
| 126 | 0605450A | Joint Air-to-Ground Missile (JAGM) | 05 | 80,585 | 83,054 | | 83,054 | 42,972 | | 42,972 | υ |
| 127 | 0605456A | PAC-3/MSE Missile | 05 | 33,709 | 2,272 | | 2,272 | | | | U |
| 128 | 0605457A | Army Integrated Air and Missile Defense (AIAMD) | 05 | 147,250 | 222,075 | | 222,075 | 252,811 | | 252,811 | U |
| 129 | 0605625A | Manned Ground Vehicle | 05 | 47,265 | 39,247 | | 39,247 | | | | U |
| 130 | 0605626A | Aerial Common Sensor | 05 | 20,328 | 2 | | 2 | | | | U |
| 131 | 0605766A | National Capabilities Integration (MIP) | 05 | 18,254 | 10,599 | | 10,599 | 4,955 | | 4,955 | U |
| 132 | 0605812A | Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph | 05 | 43,302 | 32,486 | | 32,486 | 11,530 | | 11,530 | U |
| 133 | 0605830A | Aviation Ground Support Equipment | 05 | 9,655 | 13,880 | | 13,880 | 2,142 | | 2,142 | U |
| 134 | 0210609A | Paladin Integrated Management (PIM) | 05 | 77,210 | 152,288 | | 152,288 | 41,498 | | 41,498 | U |
| 135 | 0303032A | TROJAN - RH12 | 05 | 983 | 5,022 | | 5,022 | 4,273 | | 4,273 | U |

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|-----|------------------------------|--|-----------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 136 | 0304270A | Electronic Warfare Developmen | t 05 | 8,961 | 12,686 | | 12,686 | 14,425 | | 14,42 | 5 U |
| | Syste | em Development & Demonstration | | 1,604,756 | 2,085,147 | | 2,085,147 | 2,265,094 | 84,043 | 2,349,13 | 7 |
| 137 | 0604256A | Threat Simulator Development | 06 | 21,691 | 27,535 | | 27,535 | 25,675 | | 25,67 | 5 U |
| 138 | 0604258A | Target Systems Development | 06 | 9,778 | 16,684 | | 16,684 | 19,122 | | 19,12 | 2 ΰ |
| 139 | 0604759A | Major T&E Investment | 06 | 54,281 | 66,580 | | 66,580 | 84,777 | | 84,77 | 7 U |
| 140 | 0605103A | Rand Arroyo Center | . 06 | 19,817 | 19,382 | | 19,382 | 20,658 | | 20,65 | 3 U |
| 141 | 0605301A | Army Kwajalein Atoll | 06 | .169,699 | 203,905 | | 203,905 | 236,648 | · | 236,64 | 3 U |
| 142 | 0605326A | Concepts Experimentation Prog | ram 06 | 18,757 | 19,430 | | 19,430 | 25,596 | | 25,59 | 5 U |
| 143 | 0605502A | Small Business Innovative Rese | earch 06 | 172,658 | | | | | | | U |
| 144 | 0605601A | Army Test Ranges and Facilities | es 06 | 271,377 | 279,896 | | 279,896 | 293,748 | ; | 293,74 | 3 U |
| 145 | 0605602A | Army Technical Test Instrument and Targets | tation 06 | 43,961 | 51,550 | | 51,550 | 52,404 | | 52,40 | ł U |
| 146 | 0605604A | Survivability/Lethality Analys | sis 06 | 33,210 | 33,246 | | 33,246 | 38,571 | | 38,57 | L U |
| 147 | 0605606A | Aircraft Certification | 06 | 4,667 | 4,760 | | 4,760 | 4,665 | | 4,66 | 5 U |
| 148 | 0605702A | Meteorological Support to RDTA Activities | &E 06 | 6,289 | 8,303 | | 8,303 | 6,925 | | 6,92 | i U |
| 149 | 0605706A | Materiel Systems Analysis | 06 | 20,578 | 20,403 | | 20,403 | 21,677 | | 21,67 | , U |
| 150 | 0605709A | Exploitation of Foreign Items | 0,6 | 8,418 | 10,396 | | 10,396 | 12,415 | | 12,415 | ; U |
| 151 | 0605712A | Support of Operational Testing | g 06 | 48,953 | 49,337 | | 49,337 | 49,684 | | 49,684 | ŧ U |
| 152 | 0605716A | Army Evaluation Center | 06 | 54,468 | 52,694 | | 52,694 | 55,905 | | 55,905 | 5 U |
| 153 | 0605718A | Army Modeling & Sim X-Cmd Collaboration & Integ | 06 | 1,081 | 938 | | 938 | 7,959 | | 7,959 | , U |
| 154 | 0605801A | Programwide Activities | 06 | 63,687 | 60,319 | | 60,319 | 51,822 | | 51,822 | : บ |

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|----------------|------------------------------|--|---------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|----------------|
| 155 | 0605803A | Technical Information Activities | 06 | 28,781 | 28,478 | | . 28,478 | 33,323 | | 33,323 | υ _υ |
| 156 | 0605805A | Munitions Standardization, Effectiveness and Safety | 06 | 62,168 | 64,604 | | 64,604 | 40,545 | | 40,545 | υ |
| 157 | 0605857A | Environmental Quality Technology Mgmt Support | 06 | 2,512 | 3,186 | | 3,186 | 2,130 | | 2,130 | σ |
| 158 | 0605898A | Management HQ - R&D | 06 | 48,951 | 48,955 | | 48,955 | 49,885 | | 49,885 | U |
| 159 | 0303260A | Defense Military Deception Initiative | 06 | | | | | 2,000 | | 2,000 | υ |
| 160 | 0909999A | Financing for Cancelled Account Adjustments | 06 | 233 | | | | | | | U |
| | RDT&E | Management Support | | 1,166,015 | 1,070,581 | | 1,070,581 | 1,136,134 | | 1,136,134 | - |
| 161 | 0603778A | MLRS Product Improvement Program | 07 | 17,852 | 18,397 | | 18,397 | 9,663 | | 9,663 | U |
| 162 | 0603813A | TRACTOR PULL | 07 | | 9,461 | | 9,461 | 3,960 | | 3,960 | U |
| 163 | 0605024A | Anti-Tamper Technology Support | 07 | | | | | 3,638 | | 3,638 | U |
| 164 | 0607131A | Weapons and Munitions Product Improvement Programs | 07 | | 4,945 | | 4,945 | 14,517 | | 14,517 | U |
| 165 | 0607133A | TRACTOR SMOKE | 07 | | 7,569 | | 7,569 | 4,479 | | 4,479 | U |
| 166 | 0607134A | Long Range Precision Fires (LRPF) | 07 | | | | | 39,275 | | 39,275 | U |
| 167 | 0607135A | Apache Product Improvement Program | 07 | 86,099 | 65,562 | | 65,562 | 66,441 | | 66,441 | U |
| 168 | 0607136A | Blackhawk Product Improvement Program | 07 | 48,406 | 66,653 | | 66,653 | 46,765 | | 46,765 | ŭ |
| 169 | 0607137Å | Chinook Product Improvement Program | 07 | 35,424 | . 32,407 | | 32,407 | 91,848 | | 91,848 | υ |
| 170 | 0607138A | Fixed Wing Product Improvement Program | 07 | 819 | 1,151 | | 1,151 | 796 | | 796 | U |
| 171 | 0607139A | Improved Turbine Engine Program | 07 | 49,328 | 51,164 | | 51,164 | 126,105 | | 126,105 | U |

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| Line No | Program Element Number | Item | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | Y 20 Fota | | S e C - |
|------------|------------------------------|--|--------|-------------------------|-------------------------|------------------------|--------------------------|-----------------|--------------|-------|---------|
| 172 | 0607140A | Emerging Technologies from NIE | 07 | 4,916 | 2,481 | | 2,481 | 2,369 | 2 | ,369 | Ū |
| 173 | 0607141A | Logistics Automation | 07 | 3,513 | 1,673 | | 1,673 | 4,563 | 4 | , 563 | ŋ |
| 174 | 0607665A | Family of Biometrics | 07 | 1,332 | 13,237 | | 13,237 | 12,098 | 12 | ,098 | U |
| 175 | 0607865A | Patriot Product Improvement | 07 | 57,962 | 89,816 | | 89,816 | 49,482 | 49 | ,482 | U |
| 176 | 0202429A | Aerostat Joint Project - COCOM Exercise | 07 | 43,248 | 10,565 | | 10,565 | 45,482 | 45 | ,482 | υ |
| 177 | 0203726A | Adv Field Artillery Tactical Dat System | a 07 | 1,224 | | | | | | - | Ū |
| 178 | 0203728A | Joint Automated Deep Operation Coordination System (JADOCS) | 07 | 33,996 | 35,719 | | 35,719 | 30,455 | 30 | ,455 | U |
| 179 | 0203735A | Combat Vehicle Improvement Progr | ams 07 | 297,423 | 354,667 | | 354,667 | 316,857 | 316 | , 857 | υ |
| 180 | 0203740A | Maneuver Control System | 07 | 43,453 | 15,408 | | 15,408 | 4,031 | 4 | ,031 | υ |
| 181 | 0203744A | Aircraft Modifications/Product Improvement Programs | 07 | 40 | | | | 35,793 | 35 | ,793 | U |
| 182 | 0203752A | Aircraft Engine Component Improvement Program | 07 | 372 | 3 64 | | 364 | 259 | | 259 | U |
| 183 | 0203758A | Digitization | 07 | 5,765 | 4,361 | | 4,361 | 6,483 | 6 | ,483 | U |
| 184 | 0203801A | Missile/Air Defense Product Improvement Program | 07 | 4,917 | 3,154 | | 3,154 | 5,122 | 5 | ,122 | U |
| 185 | 0203802A | Other Missile Product Improvemen Programs | t . 07 | 40,468 | 35,951 | | 35,951 | 7,491 | 7 | ,491 | U |
| 186 | 0203808A | TRACTOR CARD | 07 | 19,347 | 34,686 | | 34,686 | 20,333 | 20 | , 333 | U |
| 187 | 0205402A | Integrated Base Defense - Operational System Dev | 07 | 4,196 | 10,750 | | 10,750 | | | | U |
| 188 | 0205410A | Materials Handling Equipment | 07 | 802 | 402 | | 402 | 124 | | 124 | U |

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| Line No | Program Element Number | | Act | FY 2015 (Base & OCO) | FY 2016 Base Enacted | FY 2016 OCO Enacted | FY 2016 Total Enacted | FY 2017 Base | FY 2017 OCO | FY 2017 Total | s e c |
|------------|------------------------------|--|-----|-------------------------|-------------------------|------------------------|--------------------------|-----------------|----------------|------------------|-------------|
| 189 | 0205412A | Environmental Quality Technology - Operational System Dev | 07 | 270 | | | * <u>.</u> | | | | U |
| 190 | 0205456A | Lower Tier Air and Missile Defense (AMD) System | 07 | 78,720 | 64,159 | | 64,159 | 69,417 | | 69,417 | U |
| 191 | 0205778A | Guided Multiple-Launch Rocket System (GMLRS) | 07 | 43,791 | 36,727 | | 36,727 | 22,044 | | 22,044 | σ |
| 192 | 0208053A | Joint Tactical Ground System | 07 | 10,209 | 20,515 | | 20,515 | 12,649 | | 12,649 | U |
| 194 | 0303028A | Security and Intelligence Activities | 07 | 12,518 | 6,998 | | 6,998 | 11,619 | | 11,619 | ΰ |
| 195 | 0303140A | Information Systems Security Program | 07 | 13,627 | 31,154 | | 31,154 | 38,280 | | 38,280 | U |
| 196 | 0303141A | Global Combat Support System | 07 | 5,225 | 21,574 | | 21,574 | 27,223 | | 27,223 | U |
| 197 | 0303142A | SATCOM Ground Environment (SPACE) | 07 | 9,978 | 9,355 | | 9,355 | 18,815 | | 18,815 | U |
| 198 | 0303150A | WWMCCS/Global Command and Control System | 07 | 2,493 | 7,034 . | | 7,034 | 4,718 | | 4,718 | บ |
| 201 | 0305179A | Integrated Broadcast Service (IBS) | 07 | | 750 | | 750 | | | | U |
| 202 | 0305204A | Tactical Unmanned Aerial Vehicles | 07 | 20,290 | 13,225 | | 13,225 | 8,218 | | 8,218 | U |
| 203 | 0305206A | Airborne Reconnaissance Systems | 07 | ÷ | 22,870 | | 22,870 | 11,799 | • | 11,799 | U |
| 204 | 0305208A | Distributed Common Ground/Surface Systems | 07 | 20,155 | 25,592 | | 25,592 | 32,284 | | 32,284 | U |
| 205 | 0305219A | MQ-1C Gray Eagle UAS | 07 | 46,472 | | | | 13,470 | | 13,470 | U |
| 206 | 0305232A | RQ-11 UAV | 07 | | | | | 1,613 | | 1,613 | U |
| 207 | 0305233A | RQ-7 UAV | 07 | 16,389 | 11,797 | | 11,797 | 4,597 | | 4,597 | U |
| 208 | 0307665A | Biometrics Enabled Intelligence | 07 | 1,973 | | | | | 7,104 | 7,104 | U |
| 209 | 0310349A | Win-T Increment 2 - Initial Networking | 07 | 3,123 | 3,800 | | 3,800 | 4,867 | | 4,867 | . U |

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| Line | Program Element | | | FY 2015 | FY 2016 | FY 2016 | FY 2016 | FY 2017 | FY 2017 | FY 2017 | s e |
|------|--------------------|--|--------|--------------|--------------|-------------|---------------|-----------|---------|----------|--------|
| No | Number | Item | Act | (Base & OCO) | Base Enacted | OCO Enacted | Total Enacted | Base | oco | Total | c |
| | | | | | | | | | | | |
| 210 | 0708045A | End Item Industrial Prepared Activities | ess 07 | 73,419 | 60,422 | | 60,422 | 62,287 | | 62,28 | 7 U |
| 9999 | 999999999 | Classified Programs | | 14,302 | 4,536 | | 4,536 | 4,625 | | 4,62 | 5 U |
| | Operat | cional Systems Development | | 1,173,856 | 1,211,051 | | 1,211,051 | 1,296,954 | 7,104 | 1,304,05 | 8 |
| Tota | l Research, | Development, Test & Eval, Arm | У | 6,744,134 | 7,562,170 | 1,500 | 7,563,670 | 7,515,399 | 100,522 | 7,615,92 | 1 |