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PROGRAM ELEMENT COMPARISON SUMMARY

PROGRAM ELEMENT (BY BUDGET ACTIVITY)

Remarks

BUDGET ACTIVITY #1: BASIC RESEARCH (Volume 1)

None

BUDGET ACTIVITY #2: APPLIED RESEARCH (Volume 1)

None

BUDGET ACTIVITY #3: ADVANCED TECHNOLOGY DEVELOPMENT (Volume 1)

None

BUDGET ACTIVITY #4: ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPE (Volume 2)

0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	In FY 2016, funding in PECs 0208059F and 0306250F, Project 676002 Cyber Systems Modernization, BA 07, was transferred to PE 0306250F, Cyber Operations Technology Development, Project 646008, US Cyber Command Technology Development, BA 04 in order to align efforts.
0603742F	COMBAT IDENTIFICATION TECHNOLOGY	In FY 2016, Project 642597 Non-cooperative Identification Subsystems includes new start efforts for Radio ID (RID).
0603790F	NATO RESEARCH AND DEVELOPMENT	In FY 2016, PE 0603791F, International Space Cooperative Research & Development, Project 645035, International Space Coop R&D, efforts were transferred to PE 0603790, NATO Research and Development, Project 64NATO, NATO Coop R&D, in order to consolidate international cooperative research and development activities.

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0603791F	INTERNATIONAL SPACE COOPERATIVE R&D	In FY 2016, PE 0603791F, International Space Cooperative Research & Development, Project 645035, International Space Coop R&D, efforts were transferred to PE 0603790, NATO Research and Development, Project 64NATO, NATO Coop R&D, in order to consolidate international cooperative research and development activities.
0603859F	POLLUTION PREVENTION - DEM/VAL	In FY 2016, Project Number 644852 Pollution Prevention was terminated.
0605230F	GROUND BASED STRATEGIC DETERRENT	In FY 2016, PE 0605230F, Project 641025, Ground Based Strategic Deterrent (GBSD), efforts were transferred from the Solid Rocket Motor Modernization (SRMM) and Guidance Modernization Program (GMP) efforts in PE 0101213F, Project 672987, MM Ops Equipment

BUDGET ACTIVITY #5: SYSTEM DEVELOPMENT AND DEMONSTRATION (SDD) (Volume 2)

0207171F	F-15 EPAWSS	In FY 2016, PE 0207171F, F-15 EPAWSS, Project 676038 was transferred to PE 0207171F, F-15 EPAWSS, Project 657108 BA05 to align BA with stage of development.
0305176F	COMBAT SURVIVOR EVADER LOCATOR	In FY 2016, Project 654522 CSAR EMD, includes new start efforts for CSEL Crypto.
0401319F	PRESIDENTIAL AIRCRAFT REPLACEMENT (PAR)	In the FY 2016, PE 0401319 Presidential Aircraft Recap (PAR), Project 655250 Presidential Aircraft Recapitalization, was transferred to PE 0401319 Presidential Aircraft Recap (PAR), Project 655250 Presidential Aircraft Recapitalization, BA07 to align BA with stage of development.
0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	In FY 2016 PE 0604233F Specialized Undergraduate Flight Training, Project 654102 JPATS was transferred to BA07 to align activities for upgrades to fielded weapon system.
0604421F	COUNTERSPACE SYSTEMS	In FY 2016, Project 65A013 Bounty Hunter is a new start effort.

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0604706F	LIFE SUPPORT SYSTEMS	In FY 2016 project 65412A Life Support Systems New Start projects for Personal Radio Communications (PRC) and Aircrew Safety Improvements.
0604853F	EELVP (SPACE) - EMD	In FY 2016, Project 650006, Next Generation Rocket Engine, includes new start efforts for the Evolved Expendable Launch Vehicle program.
0605278F	HC/MC-130 RECAP RDT&E	In FY 2016, PE 0605278F, HC/MC-130 Recap RDTE, Project 655249 HC-130Recap, efforts were transferred to PE 0605278F, HC/MC-130 Recap RDTE, Project 655249, HC/MC-130 Recap, BA 07 as the program achieved full rate production.
0701212F	AUTOMATED TEST SYSTEMS	In FY 2016, Project 6506TE, Test and Evaluation Support Budget Authority, includes a new start effort for Automated Bomber Test Systems.

BUDGET ACTIVITY #6: RDT&E MANAGEMENT SUPPORT (Volume 2)

0606017F	REQUIREMENTS ANALYSIS AND MATURATION	In FY 2016, Project 666158, Integrated Simulation and Analysis includes new start efforts to improve organic Air Force analysis and assessment capabilities.
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BUDGET ACTIVITY #7: OPERATIONAL SYSTEMS DEVELOPMENT (Volume 3)

0101113F	B-52 SQUADRONS	<p>In FY 2016, Project 675055, GPS-IU, includes new start effort for Global Positioning System (GPS)-Interface Unit (IU) Replacement.</p> <p>In FY 2016, Project 675039, B-52 System Improvements, includes new start effort(s) for potential engineering studies & analysis and test & evaluation.</p>
0101127F	B-2 SQUADRONS	In FY 2016 Project 675345, B-2 Modernization, includes new start effort for B-2 strategic communication.

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0101213F	MINUTEMAN SQUADRONS	<p>In FY 2016, Project 672984, MM III Baseline Support, includes new start efforts for LGM-30G Cadmium Replacement Program (CaDRP) and LGM-30G Squadron Data Simulator (SDS).</p> <p>In FY 2016, Project 672985, MM Support Equip, the LGM-30G Payload Transporter Replacement (PTR) program was re-established and transferred from PE 0604851F, ICBM - EMD, Project 655037, Support Equipment, in order to consolidate ICBM efforts.</p> <p>In FY 2016, Project 672987, MM Ops Equipment, the two ongoing efforts will be transferred into PE 0605230F, Ground Based Strategic Deterrent (GBSD), Project 641025. The efforts being transferred are Guidance Modernization Program (GMP) and Solid Rocket Motor Modernization (SRMM).</p> <p>In FY 2016, Project 672985, MM Support Equip, includes a new start effort for LGM-30G Performance Assessment Data Systems Communications Equipment Interface Unit (PADS CEIU).</p>
0101313F	STRAT WAR PLANNING SYSTEM - USSTRATCOM	<p>In FY 2016, PE 0101313F, Strategic War Planning System, Project 675368, Global Sensor Integrated on Network, efforts were transferred to PE 0301017F, Global Sensor Integrated on Network, Project 675368, Global Sensor Integrated on Network, in order to provide improved transparency.</p>
0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	<p>In FY 2016, Project 671820, Strategic Automated Command and Control System (SACCS), includes a new start effort for SACCS Replacement.</p>
0105921F	SVC SPT TO STRATCOM - SPACE ACTIVITIES	<p>In FY 2016 Project 670373 DCIP and Project 67A011 Space Analysis and Application Development are new starts</p>
0207171F	F-15 EPAWSS	<p>In FY 2016, PE 0207171F, F-15 EPAWSS, Project 676038 was transferred to PE 0207171F, F-15 EPAWSS, Project 657108 BA05 to align BA with stage of development.</p>
0207224F	COMBAT RESCUE AND RECOVERY	<p>In FY 2016, Project 676016, Avionics Development and Integration will complete.</p>
0207412F	CONTROL AND REPORTING CENTER (CRC)	<p>In FY 2016, Project 67485L, Theater Air Control Sys Imp (TACSI), includes new start effort for JTIDS LINK 16 Terminal replacement.</p>

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0207601F	USAF MODELING AND SIMULATION	In FY 2016, Project Number 674567, M&S Foundations includes new start efforts for simulations for systems engineering and test activities.
0208059F	CYBER COMMAND ACTIVITIES	In FY 2016, PE 0208059F, Cyber Command Activities, Project 676002, Cyber Systems Modernization, efforts were transferred to PE 0306250F, Cyber Operations Technology Development, Project 646008, US Cyber Command Technology Development, to consolidate all USCYBERCOM programs
0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	In FY 2016, this program element includes new start efforts for Cyberspace Vulnerability Assessment, Cyber Defense Analysis, and AFCERT activities.
0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	In FY 2016, PE 0101313F, (Strategic War Planning System), Project 675368, (Global Sensor Integrated on Network) efforts were transferred to PE 0301017F, (Global Sensor Integrated on Network), Project 675368, (Global Sensor Integrated on Network), in order to provide improved transparency.
0302015F	E-4B NAT AIRBORNE OPS CTR (NAOC)	In FY 2016, Project E-4B Recapitalization includes new start efforts for E-4B Aircraft Modernization.
0303001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	In FY 2016, PE 0303001F Family of Advanced BLoS Terminals (FAB-T), Project 672490, Family of Advanced BLoS Terminals (FAB-T) efforts were transferred to PE 0303601F, MILSATCOM Terminals, Project 672490, Family of Advanced BLoS Terminals (FAB-T) in order to provide improved visibility.
0303131F	MIN ESSENT EMGNCY COMM NETWORK (MEECN)	In FY 2016, Project 676029, Global ASNT, includes a new start effort for Global ASNT Increment 2.
0303141F	GLOBAL COMBAT SUPPORT SYSTEM	In FY 2016, components of project number 675046, Systems Engineering & Integration, efforts were transferred from PE 0303141F, Global Combat Support Systems (GCSS) to PE 0303142F, Global Force Management - Data Initiative (GFM-DI) in order to provide better visibility.
0303142F	GLOBAL FORCE MGMT - DATA INITIATIVE	In FY 2016, components of project number 675046, Systems Engineering & Integration, efforts were transferred from PE 0303141F, Global Combat Support Systems (GCSS) to PE 0303142F, Global Force Management - Data Initiative (GFM-DI) in order to provide better visibility.

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0303601F	MILSATCOM TERMINALS	In FY 2016, PE 0303601F, MILSATCOM Terminals, Project 672490, Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) was transferred to PE 0303001F, FAB-T, Project 672490 FAB-T for improved visibility of ACAT I programs.
0304260F	AIRBORNE SIGINT ENTERPRISE	In FY 2016, PE 0304260F, Airborne SIGINT Enterprise, Project 675181, High Altitude SIGINT Development - High Altitude efforts are transferred to PE 0304260F, Airborne SIGINT Enterprise, Project 675183, Common Development (Airborne SIGINT Development - Common Development) to better align efforts.
0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	<p>In FY 2016, PE 0305220F, RQ-4, Project 675148, Common Airborne Sense and Avoid (C-ABSAA), efforts transferred to PE 0305206F, Airborne Reconnaissance Systems, Project 675148, Common Airborne Sense and Avoid (C-ABSAA), in order to provide greater visibility into this capability and prepare for expanded applications.</p> <p>In FY 2016, PE 0305208F, Distributed Common Ground Station (DCGS), Project 676025, Data Compression, efforts transferred to PE 0305206F, Airborne Reconnaissance Systems, Project 676025, Data Compression, in order to provide greater visibility into this capability.</p>
0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	In FY 2016, PE 0305208F, Distributed Common Ground Station (DCGS), Project 676025, Data Compression, efforts transferred to PE 0305206F, Airborne Reconnaissance Systems, Project 676025, Data Compression, in order to provide greater visibility into this capability.
0305220F	RQ-4 UAV	In FY 2016, PE 0305220F, RQ-4, Project 675148, Common-Airborne Sense & Avoid (C-ABSAA), transferred to PE 0305206F, Airborne Reconnaissance Systems, Project 675148. This transfer will provide greater visibility into this capability and prepares for expanded applications by making the capability program and platform agnostic.
0305614F	JSPOC MISSION SYSTEM	In FY 2016, Project 65A035, (Increment 3), includes new start efforts for JMS Increment 3.
0305940F	SPACE SITUATION AWARENESS OPERATIONS	In FY 2016, Project 67A017, Sensor Service Life Extension Program, includes a new start effort for Space Situational Awareness (SSA) Ops Demo.

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0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	In FY 2016, PE 0208059F, Cyber Command Activities, Project 676002, Cyber Systems Modernization, efforts were transferred to PE 0306250F, Cyber Operations Technology Development, Project 646008, US Cyber Command Technology Development, to consolidate all USCYBERCOM programs.
0401115F	C-130 AIRLIFT SQUADRON	C-130 CNS/ATM program has been updated and renamed C-130H VAAP Increment 1.
0401119F	C-5 AIRLIFT SQUADRONS (IF)	In FY 2016, Project 675359, C-5 Communication, Navigation, Surveillance / Air Traffic Management (CNS/ATM), is a new start effort.
0401318F	CV-22	In FY 2016, Project 676033 includes new start effort for Aircraft Electrical Power upgrade.
0401319F	PRESIDENTIAL AIRCRAFT REPLACEMENT (PAR)	In the FY 2016, PE 0401319 Presidential Aircraft Replacement, Project 655250 Presidential Aircraft Recap (PAR), was transferred to PE 0401319 Presidential Aircraft Replacement, Project 655250 Presidential Aircraft Recap (PAR), BA07 to realign budget activity for execution.

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0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	<p>In FY 2016 PE 0604233F Specialized Undergraduate Flight Training, Project 654102 JPATS, was transferred from BA05 as the program achieved full-rate production.</p> <p>In FY 2016 Project 674101 Undergraduate Remotely Piloted Aircraft Training includes a new start effort for Remotely Piloted Aircraft (RPA) Predator Reaper Integrated Mission Environment (PRIME) Desktop Training System (DTS).</p> <p>In FY 2016 Project 676034 Joint Primary Aircraft Training System (JPATS) was completed.</p> <p>In FY 2016 Project 676035 T-6 Operational System Development includes new start efforts for studies & development efforts to support future ACAT III Engineering Change Proposals(ECPs) to the T-6 Aircraft. This includes development for the FAA mandated ACAT III program for ADS-B Out and associated upgrades.</p> <p>In FY 2016 Project 676037 T-38 Operational Systems Development includes a new start effort for Block upgrades to incorporate software and/or hardware improvements to comply with new requirements mandated by Department of Defense, Federal Aviation Administration or National Airspace System (DoD/FAA/NAS) and to address flight safety issues. The block upgrades support the T-38C aircraft and Aircrew Training Devices (ATD).</p>
0605278F	HC/MC-130 RECAP RDT&E	<p>In FY 2016, PE 0605278F, HC/MC-130 Recap RDTE, Project 655249 HC-130Recap, efforts were transferred from PE 0605278F, HC/MC-130 Recap RDTE, Project 655249, HC/MC-130 Recap, BA 05 as the program achieved full rate production.</p>
0708611F	SUPPORT SYSTEMS DEVELOPMENT	<p>In FY 2016, PE 0708611 Support Systems Development, Project 673318, Product Data Systems Modernization efforts transferred to PE 0708610F, Logistics Information Technology (Log IT), Project 675207 to align with the Enhanced Technical Information Management System (ETIMS) modification efforts funded within the Log IT PE.</p> <p>In FY 2016, PE 0708611 Support Systems Development, Project Number 675042, Logistics Application Logistics Integration (LALI), the F-35 User Identification Data Exchange System (UIDES) effort was transferred to PE 0604800F, F-35 Lightning II Joint Strike Fighter, in order to align the activity under the F-35 RDT&E Program Element.</p>

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