

| PROGRAM ELEMENT (BY BUDGET ACTIVITY)   |   | PROGRAM ELEMENT COMPARISON SUMMARY   |  |
|--|---|--|--|
| <b>BUDGET ACTIVITY #2: APPLIED RESEARCH (Volume 1)</b>                             |   |  |  |
| <b>0602202F</b>  | <b>HUMAN EFFECTIVENESS APPLIED RESEARCH</b> | <b>Remarks</b><br>In FY13, Measurement and Signature Intelligence (MASINT) moves from Project 627184 to this Project to better align the efforts. Also in FY13, the efforts in this Project move into Projects 625328, 625329, and 627757 to better align the efforts.   |  |
| <b>0602602F</b>  | <b>CONVENTIONAL MUNITIONS</b>               | In FY13, changes in funding are due to higher DoD priorities.  |  |
| <b>0602890F</b>  | <b>HIGH ENERGY LASER RESEARCH</b>           | In FY13, reductions due to higher Department of Defense priorities.  |  |
| <b>BUDGET ACTIVITY #3: ADVANCED TECHNOLOGY DEVELOPMENT (Volume 1)</b>              |   |  |  |
| <b>0603456F</b>  | <b>HUMAN EFFECT. ADV TECH DEVELOPMENT</b>   | In FY13, Project 635326, Performance Enhancement Demonstration, moves to Project 635324, Human Dynamics and Terrain Demonstration, to better align efforts   |  |
| <b>0603601F</b>  | <b>CONVENTIONAL WEAPONS TECHNOLOGY</b>      | In FY13, changes are due to higher DoD priorities.   |  |
| <b>BUDGET ACTIVITY #4: ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPE (Volume 2)</b> |   |  |  |
| <b>0305164F</b>  | <b>NAVSTAR GLO POS SYS(USER EQ)(SPACE)</b>  | In FY13, Military GPS User Equipment (MGUE) funding is transferred to this project in PE 0305164F.   |  |
| <b>0603851F</b>  | <b>ICBM - DEM/VAL</b>                       | In FY13, Project 641025 Ground Based Strategic Deterrence (GBSD) includes efforts to begin Materiel Solution Analysis and the Analysis of Alternatives (AoA) for a follow-on to the Minuteman III Intercontinental Ballistic Mssile (ICBM). This is not a new start, efforts previously funded under project 644209 Long Range Planning. |  |
| <b>0604330F</b>  | <b>JNT DUAL ROLE AIR DOMINANCE MISSILE</b>  | In FY13, PE 0604330F, Joint Dual-Role Air Dominance Missile (JDRADM) was terminated.   |  |
| <b>0604857F</b>  | <b>OPERATIONALLY RESPONSIVE SPACE</b>       | In FY13, 0604857F, ORS, efforts are being descoped, and the remaining efforts transferred to other space programs in order to better integrate the ORS concept into the entire space architecture.   |  |

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| BUDGET ACTIVITY #5: SYSTEM DEVELOPMENT AND DEMONSTRATION (SDD) (Volume 2) |                                    |  |
| 0101125F  | NUCLEAR WEAPONS MODERNIZATION      | In FY13, LRSO efforts were transferred from PE 0101125F, Nuclear Weapon Modernization, project number 657008, to PE 0604932F, Long Range Standoff Weapon, project number 657011.   |
| 0305230F  | ISR FOR IRREGULAR WARFARE          | In FY13, 654673, Distributed Mission Training includes new start efforts.  |
| 0401138F  | C-27J AIRLIFT SQUADRONS            | In FY13, Project 655259, C-27J, is terminated.   |
| 0604270F  | ELECTRONIC WARFARE DEVELOPMENT     | In FY13, Project 657004, MALD-J Increment II is terminated.  |
| 0604429F  | AIRBORNE ELECTRONIC ATTACK         | In FY13, Project 655193, Electronic Attack Pod, was terminated.  |
| 0604617F  | AGILE COMBAT SUPPORT               | In FY13, Project 652895 contains one New Start effort for Airfield Damage Repair Unexploded Ordnance (UXO) Removal.  |
| 0604706F  | LIFE SUPPORT SYSTEMS               | In FY13, Project 65412A, Life Support Systems, includes new starts for Cold Weather Aviation System (CWAS) and Integrated Aircrew Body Armor System programs.  |
| 0604851F  | ICBM - EMD                         | In FY13, Project Number 657006, ICBM EMD: Fuze Support, was transferred to PE 0604933F in order to distinguish the effort as a pre-ACAT I program.<br>In FY13, Project Number 655037, Support Equipment, includes the Transporter Erector (TE) Replacement new start effort.<br>In FY13, Project Number 657010, Operational Equipment includes the Solid Rocket Motor Modernization new start to begin requirements definition to support a future production program. |
| 0604932F  | LONG RANGE STANDOFF WEAPON         | In FY13, LRSO efforts were transferred from PE 0101125F, Nuclear Weapon Modernization, project number 657008 to PE 0604932F, Long Range Standoff Weapon, project number 657011, in order to support LRSO development.  |
| 0604933F  | ICBM FUZE MODERNIZATION            | In FY13, the fuze efforts in Project Number 655082, ICBM Fuze Support, were transferred from PE 0604851F ICBM - EMD, in order to distinguish the effort as an pre-ACAT I program.  |
| 0605213F  | F-22 INCREMENT 3.2B                | In FY13, this is not a New Start. A separate Program Element has been created for Increment 3.2B in support of milestone B preparations. All Increment 3.2B efforts and funding prior to FY13 continue to be shown in this F-22 baseline documentation.  |

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**BUDGET ACTIVITY #7: OPERATIONAL SYSTEM DEVELOPMENT**  
**(Volume 3)**

**0101113F**

**B-52 SQUADRON**

IN FY13, SEPARATE BPACs HAVE BEEN ESTABLISHED AS FOLLOWS:  
675039 B-52 MODERNIZATION  
675048 1760 INTERNAL WEAPONS BAY UPGRADE (IWBU)  
675049 MODE S/5 IFF  
675050 CONECT  
675051 B-52 ANTI-SKID  
In FY13, The EHF and SR2 programs are terminated for higher DoD priorities.

**0101127F**

**B-2 SQUADRONS**

In FY13, B-2 Defensive Management System (DMS) funding in PE 0101127F project 676023 was transferred to PE 0605931F, project 653844.

**0101313F**

**STRAT WAR PLANNING SYS - USSTRATCOM**

In FY13, 675282, Joint Navigation Warfare Center, efforts transferred to PE 0105921F, Service Support to STRATCOM Space Activities (O&M).

**0207133F**

**F-16 SQUADRONS**

In FY13, Presidents Budget(PB) separates this combined effort into a separate Legacy SLEP for structures upgrades and separate Combat Avionics Programmed Extension Suite (CAPES) for avionics modernization upgrades.

**0207134F**

**F-15E SQUADRONS**

In FY13, the F-15 program, Project 670131 has one FY 2013 new start, the F-15 Eagle Passive/Active Warning Survivability System (EPAWSS).

**0207138F**

**F-22A SQUADRONS**

In FY13, a separate Program Element has been created for Increment 3.2B in support of milestone B preparations. All Increment 3.2B efforts and funding prior to FY13 continue to be shown in this F-22 baseline documentation.

**0207325F**

**JOINT AIR-TO-SURFACE STANDOFF MISSIL**

In FY13, BPAC 674515 is not an FY13 New Start. Efforts previously accomplished in BPAC 5356.

**0207423F**

**ADV COMM SYS**

In FY13, Project number 675189, C2ISR JTRS Integration, was terminated.

**0207438F**

**THEATER BATTLE MANAGEMENT (TBM) C4I**

In FY13, Project Number 674802, Deliberate and Crisis Action Planning and Execution Segment (DCAPES), was transferred to PE 0207452F DCAPES, Project Number 674802, Deliberate and Crisis Action Planning and Execution Segment (DCAPES), in order to provide clarity to the effort by providing a singular PE and Project Number.

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| 0207452F                             | DCAPES                              | In FY13, Project Number 674802, Deliberate and Crisis Action Planning and Execution Segment (DCAPES), efforts transferred from PE 0207438, Theater Battle Management (TBM) C4I, Project Number 674802, Deliberate and Crisis Action Planning and Execution Segment (DCAPES), in order to provide clarity to the effort by providing a singular PE and Project Number. |
| 0207601F                             | USAF MODELING AND SIMULATION        | In FY13, Project 4991, Accelerated Acquisition was terminated.  |
| 0208006F                             | MISSION PLANNING SYSTEMS            | In FY13, Project 675838 was renamed Mission Planning Systems Development from Mission Planning Systems. Project 675302 was renamed Precision Aerial Delivery Systems (PADS) from Mobility Air Forces (MAF) Planning Systems in FY13. Project 675380 was renamed Mission Planning Systems (MPS) Modernization from Combat Air Forces (CAF) Planning Systems in FY13.   |
| 0208021F                             | INFORMATION WARFARE SUPPORT         | In FY13, 670374, Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt, includes new start efforts.  |
| 0208059F                             | CYBER COMMAND ACTIVITIES            | In FY13, 676002, Cyber Systems Modernization, efforts were transferred from PE 0307141F, NASS, IO Tech Integration & Tool Dev, 674871, Information Operations Technology, in order to align all CYBERCOM funding into one PE.   |
| 0301400F                             | SPACE SUPERIORITY INTELLIGENCE      | In FY13 PB, all of PE 0301400F RDT&E AF funds are transferred to project 67A051, Space Superiority -- Advanced Intelligence Systems to separate it from unrelated programs.   |
| 0303131F                             | MIN ESSENT EMGNCY COMM NTWK (MEECN) | In FY13, Nuclear Command, Control, and Communications (NC3) Long Term Solution (LTS) was cancelled during FY13 budget development due to higher DoD priorities.   |
| 0303141F                             | GLOBAL COMBAT SUPPORT SYSTEM        | In FY13, Program Element (PE) 0303141F, Global Combat Support Systems - Air Force includes a new start effort to add Enterprise Protection Risk Management (EPRM) as an automated risk analysis and management tool on on the GCSS-AF Integrated Framework (IF).  |
| 0305164F                             | NAVSTAR GLO POS SYS(USER EQ)(SPACE) | In FY13, funds for Military GPS User Equipment (MGUE) are transferred to Project 643833 in this Program Element (PE).   |
| 0305193F                             | INTEL SPT TO INFO OPS (IO)          | In FY13, 674871, Information Operations Technology, efforts tranferred to PE 0208059F, CYBERCOM Activities, 676002, Cyber Systems Modernization, in order to align all CYBERCOM funding into one PE.  |
| 0305202F                             | DRAGON U-2                          | In FY13, Project 674820, Sensor Development, includes new start efforts.  |
| 0305205F                             | ENDURANCE UNMANNED AERIAL VEHICLES  | In FY13, funding totals do not currently include \$29.7M requested for Overseas Contingency Operations.   |

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| 0305206F                             | AIRBORNE RECONNAISSANCE SYSTEMS    | <p>In FY13, Project 674819, Common Data Link, efforts transferred to PE 0305236F, Project 674819, Common Data Link, in order to provide greater visibility into this congressionally mandated capability and prepare for extended applications as new operational concepts come into existence.</p> <p>In FY13, Project 676031, Dismount Detection Radar (DDR) efforts were transferred from Project 674818, Imaging and Targeting Support in order to provide greater visibility into development activities.</p>   |
| 0305208F                             | DISTRIBUTED COMMON GRND SYS        | <p>In FY 2013, Distributed Common Ground System (DCGS) Integrated Backbone (DIB) transferred to PE 0305240F, "Support to Distributed Common Ground System (DCGS) Enterprise", in order to improve visibility into this effort. AF is lead service under the auspices of USD(I).</p> <p>In FY 2013, DCGS-Imagery (DCGS-I) Testbed transferred to PE 0305240F, "Support to Distributed Common Ground System (DCGS) Enterprise", in order to improve visibility into this effort. AF is lead service under the auspices of USD(I).</p> <p>In FY 2013, DCGS Enterprise transferred to PE 0305240F, "Support to Distributed Common Ground System (DCGS) Enterprise", in order to improve visibility into this effort. AF is lead service under the auspices of USD(I).</p> <p>In FY 2013, Common Imagery Processor (CIP) transferred to PE 0305240F, "Support to Distributed Common Ground System (DCGS) Enterprise", in order to improve visibility into this effort. AF is lead service under the auspices of USD(I).</p> |
| 0305220F                             | RQ-4 UAV                           | <p>In FY13, Project 676001, NATO AGS, efforts transferred to PE 0305238F, NATO AGS, Project 676001, NATO AGS, in order to manage NATO AGS as a separate program.</p>   |
| 0305236F                             | COMMON DATA LINK (CDL)             | <p>In FY13, this is a new PE. In FY 2013, Project 674819, Common Data Link, efforts transfer from PE 0305206F, Airborne Reconnaissance, Project 674819, Common Data Link, in order to provide better visibility for this congressionally mandated capability and prepare for expanded applications as new operational concepts come into existence.</p>  |
| 0305238F                             | NATO AGS                           | <p>In FY13, Project 676001, NATO AGS, efforts will transfer from PE 0305220F, NATO AGS, Project 676001, NATO AGS to PE 0305238F, NATO AGS, Project 676001, NATO AGS, in order to manage NATO AGS as a separate program.</p>  |

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| 0305240F                             | SUPPORT TO DCGS ENTERPRISE            | <p>In FY13, Distributed Common Ground System (DCGS) Integrated Backbone (DIB) transferred from PE 0305208F, Distributed Common Ground System (DCGS), in order to improve visibility into this effort. AF is lead service under the auspice of USD(I).</p> <p>In FY13, DCGS-Imagery (DCGS-I) Testbed transferred from PE 0305208F, DCGS, in order to improve visibility into this effort. AF is lead service under the auspice of USD(I).</p> <p>In FY13, DCGS Enterprise transferred from PE 0305208F, DCGS, in order to improve visibility into this effort. AF is lead service under the auspice of USD(I).</p> <p>In FY13, Common Imagery Processor (CIP) transferred from PE 0305208F, DCGS, in order to improve visibility into this effort. AF is lead service under the auspice of USD(I).</p> |
| 0305881F                             | RAPID CYBER ACQUISITION               | <p>In FY13, this is a new PE. In FY2013, 670374, Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt includes new start efforts.</p>   |
| 0307141F                             | INFO OPS TECH INTEGRATION & TOOL DEV  | <p>In FY13, 674871, Information Operations Technology, efforts transferred to PE 0208059F, CYBERCOM Activities, 676002, Cyber Systems Modernization, in order to align all CYBERCOM funding into one PE.</p>  |
| 0401115F                             | C-130 AIRLIFT SQUADRONS               | <p>In FY13, project 675244, C-130 CNS/ATM includes new start efforts.</p> <p>In FY13, project 674885, C-130 Avionics Modernization Program was terminated.</p>  |
| 0603423F                             | GPS III - OPER CONTROL SEGMENT        | <p>In FY13, funds for GPS Enterprise level engineering integrations efforts were transferred to project 67A025 within this Program Element (PE).</p>  |
| 0604263F                             | COMMON VERTICAL LIFT SUPPORT PLATFORM | <p>In FY13, Project 675277, CVLSP, was terminated.</p>  |