Headquarters U.S. Air Force

Integrity - Service - Excellence

FY09 President’s Budget

“America’s Edge: Global Vigilance, Reach and Power”

Maj Gen Larry Spencer
Director, Air Force Budget
4 February 2008
Win Today’s Fight
Take Care of Our People
Prepare for Tomorrow’s Challenges
Air Force Provides

Global Vigilance
Unblinking Eye On Any Entity

Global Reach
Move Anytime Anywhere

Global Power
Strike Any Target

Cross-Domain Air, Space, and Cyber Dominance for the Nation
Air Force In-The-Fight Today

- **Global Vigilance:**
  - 18 MQ-1 Predator combat air patrols provide agile ISR to troops in contact
  - 140+ Satellites provide 24/7 pinpoint navigation, warning & comm to warfighters
  - Investigates 15K daily suspicious alerts using 200 network sensors worldwide

- **Global Reach:**
  - Over 200 airlift sorties & 1K tons of cargo & 2.5K passengers moved every day
  - Tankers flew 14K CENTCOM sorties & fueled 82K coalition aircraft with 973M lbs
  - Aeromedically evacuated 8.6K troops…moved patients to US in 3 days

- **Global Power:**
  - ~33K Close Air Support Sorties for Army, USMC & coalition in Iraq & Afghanistan
    - Conducted 1.1K strike sorties & employed 3.7K air-to-ground weapons
  - Unleashed 40K lbs of precision weapons; destroyed 107 targets on 10 Jan 08
  - MQ-9 Reaper deployed to Afghanistan as Hunter-Killer…1st PGM attack 7 Nov 07

208K Airmen directly support COCOMs daily; 33K deployed worldwide
**People: Supporting Our Airmen**
- Supports Quality of Life for Members and Their Families
- Targeted Recruiting/Retention Bonuses

**Readiness: Fighting Today’s Fight**
- Sustains Readiness to Support Global Commitments
- Increasing Costs of Operations Erode Buying Power

**Infrastructure: Accepting Risk**
- Restricts MILCON Predominately to New Mission Beddown
- Maintains Existing Facilities

**Modernize: Preparing for Tomorrow’s Fight**
- Threats and Aging Fleet Drive Need to Recapitalize
- Top Five Acquisition Priorities are Critical

**Modernizing Air Force’s Aging Fleet Is Our Toughest Challenge**
The Air Force Budget

- People
  - 3.4% Military ($576M) & 2.9% Civ pay raise ($282M)
  - 4.9% increase for housing allowance ($211M)
  - Met 2007 recruiting/retention goals...on pace for FY08
  - 662K Total Force Endstrength (Military & Civilian)

- Readiness
  - $2.1B for fuel price growth, utilities & contract increases
  - Operates 84 installations, produces 1,200 pilots, funds 1.4M flying hours, sustains fleet of over 5,500 aircraft; improves live-fire combat training

- Infrastructure
  - Sustains $243B infrastructure plant; 54 MILCON projects (5 in AOR); eliminates inadequate OCONUS housing & supports CONUS privatization; keeps BRAC on-track for Sep 2011 completion

- Modernization & Recapitalization
  - Top 5 Acquisition Priorities
  - Procures 93 aircraft (52 UAVs); 2 satellites, 4 launch vehicles, and 7.7K missiles/munitions

Modernizing Air Force’s Aging Fleet Is Our Toughest Challenge
Modernization and Recapitalization

<table>
<thead>
<tr>
<th>($B)</th>
<th>FY08</th>
<th>FY09</th>
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<tbody>
<tr>
<td>RDT&amp;E</td>
<td>$17.8</td>
<td>$19.6</td>
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<tr>
<td>Procurement:</td>
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<tr>
<td>Aircraft</td>
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<td>$12.7</td>
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<tr>
<td>Missiles</td>
<td>$3.9</td>
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<td>Other</td>
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<td>$3.1</td>
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<tr>
<td>Ammunition</td>
<td>$0.7</td>
<td>$0.9</td>
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<td><strong>Total</strong></td>
<td><strong>$37.4</strong></td>
<td><strong>$41.0</strong></td>
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**Highlights**

- **Top 5 Acquisition Priorities:**
  - Tanker – development to replace old KC-135 tanker fleet
  - Combat Search and Rescue Helicopter – replaces aging HH-60 helicopter
  - Space Systems – critical capabilities to warn, target, communicate, & navigate
  - F-35A – continues fifth generation fighter development
  - New Bomber – field a new bomber by 2018 with existing technologies

*Our Nation Must Invest Today to Ensure Tomorrow’s Air, Space and Cyberspace Dominance*
Background
• Begins KC-135 fleet recapitalization
• Initial buy of 179 aircraft
• Projected IOC: FY13

FY09 Funding
• Funds competitive acquisition of a commercial derivative tanker
• Development contract award by end of February 2008
• Advance Procurement ($62M) for 5 Aircraft

Enables the Joint Force to Project Combat Capability Anytime, Anywhere
Background
- Next generation CSAR aircraft – replacement for HH-60G Pave Hawk
- Plan to procure 141 aircraft
- Block 0 fields increased CSAR capabilities in range, speed, payload, survivability, and hover operations
- Projected IOC: FY12 (Objective) FY14 (Threshold)

FY09 Funding
- Funds development effort
- Advance procurement ($15M) for 2 aircraft
- Contract Award Summer 2008

Funding Profile
- $Millions
- FY08: Procurement $0, RDT&E $94
- FY09: Procurement $305, RDT&E $320

Air Force is Only Service with Dedicated CSAR Capability
Background

• Major Mission Areas:
  • Missile Warning (SBIRS, 3GIRS)
  • Communications (AEHF, TSAT)
  • Position, Navigation, Timing (GPS)
  • Space Situation Awareness

• Recapitalizing the space fleet to maintain and expand service
  • 09PB supports delivery of 5 new sys (WGS, AEHF, SBSS, GPS IIF, SBIRS)

• Building on existing space protection capabilities (SBSS, Space Fence, ISSA)

• Invests in future systems to meet the growing user need (TSAT, GPS III)

FY09 Funding

• Funds development, integration, test, and delivery of satellites, launch vehicles, and ground systems

Funding Profile

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<thead>
<tr>
<th></th>
<th>FY08</th>
<th>FY09</th>
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<tbody>
<tr>
<td>Procurement</td>
<td>2,868</td>
<td>3,717</td>
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<tr>
<td>RDT&amp;E</td>
<td>4,902</td>
<td>4,860</td>
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Bedrock of Joint Warfighter’s Ability to Warn, Target, Communicate & Navigate
Background
- Fifth generation multi-role strike aircraft
- Plan to procure 1,763 Air Force aircraft
- Conventional (CTOL), carrier, and short take-off and vertical landing
- Joint AF, Navy, Marine Corps, and International program
  - 8 international partners and over $3.3B in System Development and Demonstration (SDD) support
- USAF IOC FY13

FY09 Funding
- Continues SDD effort
- LRIP 3 full funding for 8 CTOL aircraft ($1,674M)
- LRIP 4 long lead funding for 12 CTOL aircraft ($137M)
**Background**

- **AF 3-Phased Long Range Strike Strategy**
  - Phase I: Continue to modernize legacy bombers to improve capability and reliability
  - Phase II: Develop/field next generation long range strike capability to augment current force by 2018
  - Phase III: Field transformational advanced technology capability in 2035 timeframe
- AoA recommended new, manned, subsonic, long-range, highly survivable, penetrating, persistent strike aircraft
- Projected IOC: FY18

**FY09 Funding**

- Continues investment in key modifications (B-1, B-2 & B-52) to improve bomber capability

**Phase I Funding Profile**

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<tr>
<th>FY08</th>
<th>FY09</th>
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<tr>
<td>Procurement</td>
<td>350</td>
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<tr>
<td>RDT&amp;E</td>
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**Nation’s Defense Strategy Requires a Robust and Survivable Long Range Strike Capability**
# Procurement Quantities

<table>
<thead>
<tr>
<th>Aircraft</th>
<th>FY09 Qty</th>
<th>Missiles/Munitions</th>
<th>FY09 Qty</th>
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<tbody>
<tr>
<td>HC-130 Hercules</td>
<td>2</td>
<td>AIM-9X Sidewinder</td>
<td>275</td>
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<tr>
<td>MC-130 Combat Talon</td>
<td>4</td>
<td>AIM-120 AMRAAM</td>
<td>281</td>
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<tr>
<td>CV-22A Osprey</td>
<td>6</td>
<td>JASSM</td>
<td>260</td>
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<tr>
<td>F-35A Lightning II</td>
<td>8</td>
<td>Predator Hellfires</td>
<td>642</td>
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<tr>
<td>F-22A Raptor</td>
<td>20</td>
<td>JDAM</td>
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<tr>
<td>MQ-9A Reaper</td>
<td>9</td>
<td>Small Diameter Bomb</td>
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<tr>
<td>RQ-4A Global Hawk</td>
<td>5</td>
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<tr>
<td>MQ-1B Predator</td>
<td>38</td>
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<tr>
<td>C-29A</td>
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<td>Space</td>
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<td><strong>Total</strong></td>
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<td>SBIRS High</td>
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<td></td>
<td></td>
<td>EELV</td>
<td><strong>4</strong></td>
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<tr>
<td></td>
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<td><strong>Total</strong></td>
<td><strong>6</strong></td>
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At Current Buy Rate Aircraft Fleet Continues to Age
Summary

People: Supporting Our Airmen
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- Targeted Recruiting/Retention Bonuses

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No Modern War Has Been Won Without Air Superiority...No Future War Will Be Won Without Air, Space, and Cyberspace Superiority