Air Force Messages and Issues

As of 30 June 2008
Air Force Mission

The mission of the United States Air Force is to deliver sovereign options for the defense of the United States of America and its global interests – to fly and fight in Air, Space and Cyberspace

Maximizing Unmanned Aircraft Systems Capabilities

- To win today's fight, the Air Force is dramatically adapting its organization, training and equipment to the unmanned Intelligence, Surveillance and Reconnaissance force
- We continue to increase equipment, training and personnel levels and have significantly increased the number of UAS operators and combat air patrols
- Airmen beat the timeline to provide 21 MQ-1 Predator close air patrols (CAPs) to CENTCOM in 2010 by two years and with greater numbers – today we have 24 CAPs over Iraq and Afghanistan ... and we’ll have 25 CAPs by July
- The Air Force's Remote Split Operations (RSO) concept is an effective and efficient approach that maximizes the combat capability of UAS
  - RSO consists of launching UAS via line-of-sight ops in theater, and controlling the aircraft remotely from CONUS
  - RSO has significant advantages to the joint force commander – it delivers capability while minimizing vulnerability
- We must maximize UAS use throughout a theater wherever they are needed – best accomplished by centralized control and decentralized execution to meet the immediate needs of the joint forces requiring them

The Air Force supports joint UAS doctrine by developing and improving UAS technologies and employment procedures

Implementing the Strategy: Our Air Force Priorities

- Our three overarching priorities serve as the organizing principles for all of our efforts:

  1. Win Today’s Fight
  - We remain committed to fighting and winning the Global War on Terror (GWOT), sustaining our current operations, and providing strategic defense of our nation
  - Our Airmen currently fly on average over 300 sorties daily as part of Operations Iraqi Freedom and Enduring Freedom
    - We’ve flown more than 1,000,000 sorties since September 11th
  - Since September 2001, the Air Force is the only service continuously flying Operation Noble Eagle missions that include more than 51,000 sorties in American skies, protecting our homeland
  - Airmen are deployed to more than 125 locations around the world to fight in the GWOT at any given moment. We are fighting our enemies in their own backyard so they cannot come to ours
    - Airmen have fulfilled 524,000 deployments
  - In addition, approximately 41 percent of our Total Force Airmen — are working all over the world contributing to winning today’s global fight and are directly fulfilling Combatant Commanders’ requirements everyday
  - In 2007, Air Force explosive ordnance disposal (EOD) technicians responded to more than 8,200 explosive hazard incidents to support Joint counter-IED efforts in the GWOT
  - Airmen fill more than 65 percent of combat contracting billets in Iraq and Afghanistan
  - In 2007 alone, teams searched more than a million vehicles, uncovered hundreds of weapons caches, supported detainee operations, and conducted hundreds of joint building search and clear missions locating high terrorist targets
  - In today’s changed world no one is better positioned to keep America safe than the Air Force, because the Air Force has the vision and global vigilance, reach and power required for today’s fight

- Global Vigilance
  - America’s Airmen currently operate 68 satellites and provide command and control infrastructure for more than 140 satellites in total
  - Air Force satellites provide 24/7 persistent global communications and GPS signals vital to Joint success

The 21st Century Air Force delivers:
Global Vigilance, Global Reach, Global Power for America
• Global Acquisition Priorities

- **Budget:** The Air Force supports the President’s Budget
  - Fiscal constraints challenge our ability to ensure dominant Air, Space and Cyberspace power for the 21st Century.
  - We made tough, thoughtful decisions to balance our 2009 budget across limited resources considering the continuing high operations tempo of our Airmen, rising readiness costs, and a pressing need to modernize our aging force.
  - We also have a duty to ensure our Airmen have the right tools to secure warfighting capabilities; therefore, we must recapitalize (replace) and modernize our aging air and space fleets.

- **2. Take Care of Our People**
  - Our Airmen are our most valuable “weapon” in fighting the GWOT and preparing for future threats.
  - The Air Force’s “101 Critical Days of Summer” Campaign is in full swing, helping Airmen make responsible decisions about summertime recreation activities, to stay safe during the three riskiest months of the year.
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  - Our Warrior Ethos is part of our culture.
  - The Air Force’s “101 Critical Days of Summer” Campaign is in full swing, helping Airmen make responsible decisions about summertime recreation activities, to stay safe during the three riskiest months of the year.
  - Part of taking care of Airmen and their families includes our serious commitment to high quality of life standards.

- **3. Prepare for Tomorrow’s Challenges**
  - It is our duty to ensure our Airmen have the weapons and equipment necessary to provide for our Nation’s defense.
  - The Air Force’s top acquisition priorities begin to address our critical recapitalization and modernization needs.
  - **Tanker:** Our Number One Priority
    - On February 29, the Air Force awarded the new tanker contract to Northrop Grumman who met or exceeded the requirements of the Request for Proposal and who provided the best overall value to the warfighter and the taxpayer based on the evaluation factors.
    - Boeing filed a protest with the GAO on March 11 and a decision is expected in mid June.
  - **New Combat Search and Rescue Helicopter (CSAR-X)**
    - Purchasing the entire complement of programmed CSAR-X aircraft will relieve the high-tempo operational strain placed on the current inventory of aging helicopters.
    - Estimated new source selection decision is for Fall of 2008.
  - **Space Systems** (Space Situational Awareness, Transformational Satellite Communications & Space Based Infrared System)
    - Many of our satellites have outlived their designed endurance and space systems are generally less durable than other platforms and sensors.
    - The Air Force established an Operationally Responsive Space (ORS) program to develop concepts for surge, augmentation, and reconstitution.
    - The Air Force is committed to institutionalizing “Back-to-Basics” across the space portfolio.
  - **F-35A Lightning II (Joint Strike Fighter)**
    - The Lightning II will field advanced combat capabilities, strengthen integration of our Total Force, and enhance interoperability with global partners.
    - Current plans call for procurement of 1,763 F-35As, with the first squadron projected for FY 2013.
    - The Air Force’s FY09 Unfunded Requirements List includes five additional aircraft in FY09 and advance procurement for six additional aircraft in FY10.
  - **New Bomber**
    - The Air Force envisions a new bomber as a manned, subsonic, highly survivable, penetrating air vehicle to augment the bomber force providing increased long range strike capability for Combatant Commanders.
    - The Air Force has a three-phased approach to developing the new bomber:
      - First, modernize current fleet; second, leverage available science and technology to field new bomber by 2018; third, evaluate producible, cutting-edge technology for new strike capabilities (around 2035).
Nuclear Deterrence

- Nuclear forces underwrite our Nation’s security – perfection is our standard
  - We clearly understand the critical responsibility that comes with the nuclear deterrence mission
- Leadership is the foundation on which the Air Force achieves success in every mission
  - Leaders at every level must accept responsibility, take ownership, enforce standards, and demand accountability
- The US nuclear strike capability and nuclear arsenal form the ultimate backstop of our nation’s strategic defense – dissuading opponents and reassuring allies
- The Air Force has undertaken dozens of initiatives to refocus on this crucial mission; we know there is more work to be done
  - AF Senior Leadership is personally involved to ensure mission focus is revitalized in every corner of the nuclear enterprise: lines of authority and responsibility; sustainment process; inspections and evaluation; weapon system testing; security enhancements; nuclear expertise and experience
- The nuclear force is always there – our Nation, our Allies, and our friends rely on us to guarantee a safe, secure, and combat-ready force
- The Air Force is fully committed to its role in the nuclear mission; our Core Values--Integrity, Service and Excellence--demand nothing less

Contributions to GWOT

- Over 28,000 Airmen are deployed to over 125 locations worldwide to fight the GWOT – we are taking the fight to the enemies’ backyard, keeping them from ours
- We’ve flown more than 1,000,000 sorties since September 11th to include more than 51,500 Operation Noble Eagle missions protecting our homeland
- From the CENTCOM CAOC, Airmen daily command and control a fleet of hundreds of US and coalition aircraft providing every Joint Force Commander complete air coverage across a 27-country theater
  - Airmen produce and fly over 300 sorties a day over Iraq and Afghanistan, delivering precision strike, close air support, mobility, ISR, air refueling and aero-medevac
- Every US service member knows that if their aircraft is downed or if they are isolated on the battlefield, they can rely on the Air Force’s Combat Search and Rescue forces
- Air Force Aeromedical Evacuation is the Joint team’s “lifeline home” – over 51,000 patients transported out of CENTCOM
- The Air Force employs the small diameter bomb, a powerful new tool delivering combat power with precision needed for COIN
- America’s Airmen currently operate 68 satellites and provide command and control for more than 140 satellites in total
  - Satellites are the bedrock of the Joint Force Commander’s ability to target, communicate, and navigate, as well as deliver early missile warning capability

Shortening the Kill Chain with Enhanced ISR Capabilities

- Airmen beat the timeline to provide 21 MQ-1 Predator CAPs to CENTCOM in 2010 by two years and with greater numbers – today we have 25 Combat Air Patrols (CAP) over Iraq and Afghanistan
- In October 2007, Airmen fielded the first MQ-9 Reaper, with nearly twice the performance of the Predator and 6 times the payload. The Air Force is already flying 2 CAPs daily and is accelerating Reaper acquisition to support the GWOT
- The Air Force developed, fielded and put in the hands of ground force commanders over 3,000 sets of ROVER laptops to provide them real-time video that pinpoints enemy positions

Boots on the Ground

- The Joint Force Commander continues to call for Airmen to engage in non-traditional roles requiring innovation, resourcefulness and the use of Joint warfighting skills
  - On average, over 5,000 Airmen currently fill other Services’ billets in some of their stressed skill areas. An additional 2,000 Airmen are in the pipeline for ILO task training
- ILO taskings include convoy operations and protection, explosive ordnance disposal, provincial reconstruction, embedded training teams, and security forces
  - In 2007, Air Force explosive ordnance disposal (EOD) technicians responded to more than 8,200 explosive hazard incidents to support Joint counter-IED efforts in the GWOT
  - In 2007 alone, Military Working Dog teams searched more than a million vehicles, uncovered hundreds of weapons caches, supported detainee operations, and conducted hundreds of joint building search and clear missions locating high terrorist targets

Airlift

- On a typical day in the Global War on Terror alone, our Air Force flies more than 200 airlift sorties
  - Inter-theater assets have airlifted 2,500 MRAPs to the CENTCOM AOR expeditiously getting a safer vehicle for ground transportation in the hands of our forces
  - In Iraq, Air Force intra-theater airlift delivers the equivalent of 3,500 truckloads of cargo in an average month
- In less than 10 months, Airmen developed and fielded a Joint Precision Airdrop System, allowing troops in Iraq and Afghanistan to receive vital supplies with pinpoint accuracy in all types of weather to any remote location
## FY08 Budget

<table>
<thead>
<tr>
<th>Category</th>
<th>FY08 PB</th>
<th>Apprp'd</th>
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<tbody>
<tr>
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<td>1.4</td>
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<tr>
<td>MFH</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
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<td>19.6</td>
</tr>
<tr>
<td>RDT&amp;E</td>
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<td>BRAC</td>
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<td><strong>TOTAL ($B)</strong></td>
<td>$110.7</td>
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- AF Blue $ only & excludes GWOT
- Numbers may not add due to rounding

## FY08 & FY09 Comparison

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<tr>
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<td>1.0</td>
</tr>
<tr>
<td>Procurement</td>
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</tr>
<tr>
<td>RDT&amp;E</td>
<td>18.5</td>
<td>20.2</td>
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<tr>
<td>BRAC</td>
<td>1.1</td>
<td>1.2</td>
</tr>
<tr>
<td><strong>TOTAL ($B)</strong></td>
<td>$108.2</td>
<td>$117.0</td>
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</tbody>
</table>

- AF Blue $ only & excludes GWOT
- Numbers may not add due to rounding

## Flying Hour Program

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<thead>
<tr>
<th>FY</th>
<th>Funded PB*</th>
<th>Executed**</th>
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<tr>
<td>(PB)</td>
<td>($)</td>
<td>($)</td>
</tr>
<tr>
<td>FY04</td>
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<td>FY05</td>
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<td>FY06</td>
<td>$7.1</td>
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<td>FY07</td>
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<td>$9.1</td>
</tr>
<tr>
<td>FY08</td>
<td>$8.0</td>
<td>$5.6</td>
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</table>

 as of EOM Apr 08

* Includes only PB data
** Includes Peacetime & GWOT data

## Capability Replacement

<table>
<thead>
<tr>
<th>Aircraft</th>
<th>Loss</th>
<th>Capability Replacement</th>
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<tbody>
<tr>
<td>F-15E</td>
<td>1</td>
<td>(1) F-35</td>
</tr>
<tr>
<td>F-16C/GCJ</td>
<td>4</td>
<td>(4) F-22</td>
</tr>
<tr>
<td>A-10A</td>
<td>1</td>
<td>(1) A-10A</td>
</tr>
<tr>
<td>MC-130H/P</td>
<td>3</td>
<td>(3) C-130J</td>
</tr>
<tr>
<td>RQ/MQ-1L/K</td>
<td>35</td>
<td>(29/3/3) Predators</td>
</tr>
<tr>
<td>RQ-4A</td>
<td>2</td>
<td>(1) Global Hawk* (1) Global Hawk</td>
</tr>
<tr>
<td>HH-60G</td>
<td>2</td>
<td>CSAR-X</td>
</tr>
<tr>
<td>MH-53M</td>
<td>6</td>
<td>(1) CV-22 (5) CV-22</td>
</tr>
<tr>
<td>B-1B</td>
<td>2</td>
<td>Next Gen Bomber</td>
</tr>
<tr>
<td>B-2</td>
<td>1</td>
<td>Next Gen Bomber</td>
</tr>
<tr>
<td>U-2S</td>
<td>1</td>
<td>Global Hawk</td>
</tr>
<tr>
<td>C-5B**</td>
<td>1</td>
<td>(1) Sensor Suite</td>
</tr>
</tbody>
</table>

Total 59

(9 A/C FY08 GWOT, 9 A/C FY09 GWOT & 5 Not Requested By USAF or Supported by OSD)

* Procured 1 Global Hawk with FY02 Congressional Plus-up
** Considered Loss for FY07 GWOT submission (C-17)

Blue = request FY08 GWOT on Hill (awaiting Congress)
Red = request FY09 GWOT (4 F-22s still @ OSD; 3 MQ-1s (now MQ-9s) & 2 RQ-4s in "Bridge" @ Congress)
Green = Funded
FY08 GWOT Request

As of May 08

<table>
<thead>
<tr>
<th>Category</th>
<th>Force Request Approved by OSD (Apr 08)</th>
<th>Bridge Request to Congress (May 08)</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>$11.3 $</td>
<td>$11.2 $</td>
</tr>
<tr>
<td>MILPERS</td>
<td>1.7 $</td>
<td>1.6</td>
</tr>
<tr>
<td>MILCON</td>
<td>0.1 $</td>
<td>0.0</td>
</tr>
<tr>
<td>PROCURE; RDT&amp;E</td>
<td>3.8 $</td>
<td>3.4</td>
</tr>
</tbody>
</table>

Total Unclass ($B) $49.1 $ 19.5 $ 5.6 $ 13.9 $

* Senate approved their version 22 May and House plans to complete their version by 4 July...final POTUS signature TBD.
** Additional $1.4B @ Congress for consideration

Bridge Investment Highlights Approp'd ($M)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost ($M)</th>
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<tbody>
<tr>
<td>F-15 ARC-210 BLOS/SLOS Radios</td>
<td>$40</td>
</tr>
<tr>
<td>12 C-5 Aircraft Defense Systems</td>
<td>$12</td>
</tr>
<tr>
<td>Physical Security System</td>
<td>$9</td>
</tr>
<tr>
<td>Tactical CE Equip-ROVER</td>
<td>$8</td>
</tr>
<tr>
<td>Halvorsen Loader</td>
<td>$8</td>
</tr>
<tr>
<td>Blue Force Trackers</td>
<td>$3</td>
</tr>
<tr>
<td>Night Vision Goggles</td>
<td>$3</td>
</tr>
<tr>
<td>Counter Sniper Protection Kits</td>
<td>$2</td>
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Investment Highlights Outstanding Request ($M)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost ($M)</th>
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<tbody>
<tr>
<td>12 C-130s (Stressed)</td>
<td>$934</td>
</tr>
<tr>
<td>5 CV-22s (MH-53 Contingency Loss )</td>
<td>$493</td>
</tr>
<tr>
<td>3 C-130Js (Non-Contingency Losses)</td>
<td>$233</td>
</tr>
<tr>
<td>1 F-35 (F-15E Contingency Loss)</td>
<td>$230</td>
</tr>
<tr>
<td>Multi-Platform Radar Tech Insertion</td>
<td>$444</td>
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<tr>
<td>A-10 Propulsion Upgrade</td>
<td>$275</td>
</tr>
<tr>
<td>27 Predators (3 Conting Loss; 24 Incr Orbit)</td>
<td>$192</td>
</tr>
<tr>
<td>2 MC-130J Recap</td>
<td>$188</td>
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<tr>
<td>Bomber Modifications</td>
<td>$154</td>
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<tr>
<td>8 MQ-9 Reapers</td>
<td>$149</td>
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<tr>
<td>F-15C Active Electronically Scanned Radar</td>
<td>$131</td>
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<tr>
<td>E-3 AWACS Blk 40/45 Modifications</td>
<td>$115</td>
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FY09 GWOT Request

As of May 08

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<tr>
<th>Category</th>
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<tr>
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<tr>
<td>MILPERS</td>
<td>1.7 $</td>
<td>1.6</td>
</tr>
<tr>
<td>MILCON</td>
<td>0.1 $</td>
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<tr>
<td>PROCURE; RDT&amp;E</td>
<td>3.8 $</td>
<td>3.4</td>
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</table>

Total Unclass ($B) $16.9 $ 16.2 $ 4.4 $

- On 2 May 08 OSD submitted a $6.5B FY09 "bridge" for the AF ($4.4B unclassified + $2.1B classified) for consideration with current outstanding FY08 supplemental. Senate approved their version 22 May and House plans to complete their version by 4 July...final POTUS signature TBD. Remaining portions of FY09 supplemental will be delivered to Congress after new administration in place; any new guidance will determine content and timing.

* #s will not add due to rounding

AF Investment Highlights in Bridge ($M)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost ($M)</th>
</tr>
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<tbody>
<tr>
<td>3 RQ-4 (Added ISR Capability for AOR)</td>
<td>$354</td>
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<tr>
<td>15 MQ-9 (Added Capability for AOR)</td>
<td>$284</td>
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<tr>
<td>Wide Area Airborne Surveillance</td>
<td>$82</td>
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<tr>
<td>MQ-1/MQ-9 Remote Split Ops</td>
<td>$20</td>
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AF Investment Highlights Not in Bridge ($M)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost ($M)</th>
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</thead>
<tbody>
<tr>
<td>4 F-22 (F-15 &amp; F-16 Contingency Losses)</td>
<td>$600</td>
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<tr>
<td>8 C-130J (Stressed)</td>
<td>$576</td>
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<tr>
<td>LAIRCM (C-17, C-5, C-130)</td>
<td>$490</td>
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<tr>
<td>Advanced Targeting Pods</td>
<td>$174</td>
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<td>WRM Bombs/Ammo</td>
<td>$114</td>
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<tr>
<td>JDM WRM</td>
<td>$85</td>
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<td>F-16 SLOS/BLOS</td>
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<td>Transportable Digital Airport Survell Radar</td>
<td>$57</td>
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<tr>
<td>Counter Radio-IED Elec Warfare (CREW)</td>
<td>$43</td>
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<tr>
<td>New AF Handgun and Associated Ammo</td>
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<tr>
<td>HH-60 Mods</td>
<td>$41</td>
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<tr>
<td>F-15E SLOS/BLOS/SINCGARS</td>
<td>$40</td>
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**Deployed ISO Contingency**

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<thead>
<tr>
<th>Category</th>
<th>Count</th>
<th>Percentage</th>
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<tr>
<td>Current</td>
<td>36,104</td>
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<tr>
<td>AD</td>
<td>27,434</td>
<td>76%</td>
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<tr>
<td>ANG</td>
<td>5,715</td>
<td>16%</td>
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<tr>
<td>AFR</td>
<td>2,824</td>
<td>7%</td>
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<tr>
<td>Civilians</td>
<td>131</td>
<td>&lt;1%</td>
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**Current Mobs**

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<thead>
<tr>
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<tbody>
<tr>
<td>Total</td>
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<tr>
<td>ANG</td>
<td>2,212</td>
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<td>AFRC</td>
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**Current Volunteers**

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<tr>
<td>Total</td>
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<tr>
<td>ANG</td>
<td>5,320</td>
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**Requirements Filled Since 9/11**

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<tr>
<td>AD</td>
<td>471,061</td>
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<tr>
<td>ANG</td>
<td>117,556</td>
<td>18%</td>
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<tr>
<td>AFR</td>
<td>59,172</td>
<td>9%</td>
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<tr>
<td>Civilians</td>
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<tr>
<td>TOTAL</td>
<td>649,540</td>
<td>100%</td>
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**ARC Utilized since 9/11**

As of Jun 08 81%

**ARC Multiple Mobilizations**

- Twice: 9,279 Airmen (156 AF Specialties)
- Three or more: 1,069 Airmen (89 Specialties)

**Top 10 AFSCs (Three or More)**

- Aerospace Maintenance
- Mobility Pilot
- Loadmaster
- Security Forces
- Mobility Nav
- Flight Engineer
- Aircrew Flight Equipment
- Air Transportation
- Intelligence
- Aerospace Medical Services

“Using innovative personnel mgmt to enhance flexibility and reduce involuntary mobilization.”

**GWOT Deployed**

<table>
<thead>
<tr>
<th>Category</th>
<th>OIF</th>
<th>OEF</th>
<th>ONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD</td>
<td>10,792</td>
<td>13,381</td>
<td>102</td>
</tr>
<tr>
<td>ANG</td>
<td>1,224</td>
<td>2,090</td>
<td>45</td>
</tr>
<tr>
<td>AFR</td>
<td>1,044</td>
<td>1,142</td>
<td>17</td>
</tr>
<tr>
<td>TOTAL</td>
<td>13,060</td>
<td>16,613</td>
<td>164</td>
</tr>
</tbody>
</table>

**Requirements Filled Since 9/11**

<table>
<thead>
<tr>
<th>Category</th>
<th>OIF</th>
<th>OEF</th>
<th>ONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD</td>
<td>196,040</td>
<td>209,658</td>
<td>7,975</td>
</tr>
<tr>
<td>ANG</td>
<td>40,887</td>
<td>41,078</td>
<td>5,874</td>
</tr>
<tr>
<td>AFR</td>
<td>17,771</td>
<td>25,117</td>
<td>1,135</td>
</tr>
<tr>
<td>Civilians</td>
<td>632</td>
<td>835</td>
<td>13</td>
</tr>
<tr>
<td>TOTAL</td>
<td>255,330</td>
<td>276,688</td>
<td>14,997</td>
</tr>
</tbody>
</table>

**In-Lieu of Tasking / Support**

- Current Taskings: 6200
- # Amn Deployed: 4,806
- # Amn in the pipeline: 4,281
- Avg Deployment Length: 179d – 78% / 365d – 17%
- Top 5 AFSs: SF(32% of taskings), Vehicle Ops, CE, EOD, Material Management

As of Jun 08
**Total Force Team:** 66,237

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Duty</td>
<td>328,202</td>
</tr>
<tr>
<td>AD Officers</td>
<td>64,198</td>
</tr>
<tr>
<td>AD Enlisted</td>
<td>259,691</td>
</tr>
<tr>
<td>USAFA Cadets</td>
<td>4,313</td>
</tr>
<tr>
<td>Air National Guard</td>
<td>106,105</td>
</tr>
<tr>
<td>ANG Officers</td>
<td>14,002</td>
</tr>
<tr>
<td>ANG Enlisted</td>
<td>92,103</td>
</tr>
<tr>
<td>AF Reserve</td>
<td>68,047</td>
</tr>
<tr>
<td>AF Res Officers</td>
<td>15,526</td>
</tr>
<tr>
<td>AF Res Enlisted</td>
<td>52,521</td>
</tr>
<tr>
<td>Civilians</td>
<td>160,024</td>
</tr>
</tbody>
</table>

AF returned to authorized end strength while shaping to relieve stressed fields and balance skill mix.

**Racial/Ethnic/Gender Diversity**

<table>
<thead>
<tr>
<th>Category</th>
<th>White</th>
<th>Black</th>
<th>Hisp.</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>Officers Active Duty</td>
<td>81.9%</td>
<td>6.3%</td>
<td>4.9%</td>
<td>18.3%</td>
</tr>
<tr>
<td>Enlisted Active Duty</td>
<td>71.7%</td>
<td>17.1%</td>
<td>10.3%</td>
<td>20.0%</td>
</tr>
<tr>
<td>Officers Air Nat Guard</td>
<td>89.1%</td>
<td>5.0%</td>
<td>4.0%</td>
<td>16.6%</td>
</tr>
<tr>
<td>Enlisted Air Nat Guard</td>
<td>82.2%</td>
<td>9.1%</td>
<td>7.3%</td>
<td>18.1%</td>
</tr>
<tr>
<td>Officers AF Reserve</td>
<td>86.0%</td>
<td>6.7%</td>
<td>4.3%</td>
<td>26.3%</td>
</tr>
<tr>
<td>Enlisted AF Reserve</td>
<td>71.1%</td>
<td>18.7%</td>
<td>9.6%</td>
<td>23.9%</td>
</tr>
<tr>
<td>Officers AF Civilians</td>
<td>75.0%</td>
<td>12.4%</td>
<td>7.6%</td>
<td>33.2%</td>
</tr>
<tr>
<td>Officers ANG Officers</td>
<td>14,002</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enlisted ANG Enlisted</td>
<td>92,103</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes: White = White, Not Hispanic
Black = Black, Not Hispanic
Hisp. = Hispanic (can be of any race)
AFR data includes ART, HQ AGR, HQ AGR RECRUIT, IMA, TRAD, UNIT AGR
Officer data does not include GOs
FT/Perm = Full-time, permanent

**Stressed AFSCs**

Definition: Career fields that require significant management intervention to sustain the force or meet COCOM requirements. AFSC is listed as stressed if 2 out of 3 (Manpower / Personnel / Operational Demand) measures

Total Stressed AFSCs = 18 (6 O / 12 E)

**AEF UTC Capabilities**

**AEF Tempo Band can:**
- Open & operate 5-6 expeditionary wings
- Deploy 6 tenant expeditionary groups

**ARC Volunteers**
- 27 percent of Iron
- 18 percent ECS

**Personnel:**
- 15% of AD forces in stressed AFSCs
- 11% of officer force; 16% of enlisted force

Data as of 30 Apr 08 – kneeboard current 6 Jun 08

As of 5 Jun 08
### Air Expeditionary Forces

**AF authorizations postured in 1999:** 80,000  
% postured in 1999: 22%  
**AF authorizations postured in 2008:** 283,024  
% A/D postured in 2008: 93%  
**AEF TEMPO Banding:** 15,512  

Cyc 7 ARC Posturing:  
ANG 89,052  
AFRC 48,647  

Current rotation:  
AEF 3/4  
May – Sep 08  

Next Rotation:  
AEF 5/6  
Sep 08 – Jan 09  

### AEF Pair Composition

Each AEF pair can:  
- Open 5-6 expeditionary bases (AEW)  
- Deploy 6 tenant groups (AEG)  

<table>
<thead>
<tr>
<th>Forces</th>
<th>Numbers (Mob)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fighter AEW</td>
<td>5 (8)</td>
</tr>
<tr>
<td>Tanker AEW</td>
<td>2</td>
</tr>
<tr>
<td>C-130 AEG</td>
<td>2</td>
</tr>
<tr>
<td>ISR AEG</td>
<td>2</td>
</tr>
<tr>
<td>Bomber AEG</td>
<td>1</td>
</tr>
<tr>
<td>SOF AEG</td>
<td>1</td>
</tr>
</tbody>
</table>

As of 5 Mar 08  

### Active Duty Snapshot (A1) (as of 31 May 08)

Total force: 324,008 (less GOs and Cadets)  
Unavailable to deploy: 59,784 (18.5% of Total force)  
STP Account (Students, Transitory, Holddees): 27,435  
Assignment Restrictions (Perm/Temp): 32,349  

### AFRS Manning

**Production Recruiters:**  
Authorized – 1,502  
Assigned – 1,349  

**Support***:  
Authorized – 1,070  
Assigned – 1,060  

*Supervisory production recruiters (Flight Chiefs and Production Supervintendents of ~250) are listed in the support numbers  

**Post PB D 720 (FY09 Cuts) Production Recruiters:**  
Authorized – 1,341 (-396 from Pre 720 recruiter authorized #)  

**Support**  
Authorized – 1,007 (-239 from Pre 720 Support authorized #)  

Already having the smallest number of recruiters in the field in comparison to our sister services and facing significant reductions in our future recruiting force, many challenges face AFRS that could affect our ability to attract and recruit the right people, at the right time, and in the right jobs to meet the AF mission  

As of 31 May 08  

### Space Cadre Highlights

Space Cadre  
Air Force: 11,759  
Army (FA-40s): 211 (1756 Space Enablers)  
Navy: 1270  
Marines: 87  

**AF SP w/Advanced Technical Degrees:** 1437  
Officers (AFIT designated tech degrees): 1437  
Masters Degrees for Enlisted personnel: 28 (1 Technical/27 non-technical)  

**NSSI (National Security Space Institute)**  
**Space Professional courses**  
Graduates/year: 1570  

**Space Weapons School**  
Graduates/year: 20 (19 AD + 1 reservist)  
Total graduates: 180  

AF Space Cadre with DIRSPACEFOR experience – 80 (Trained)  
6 (permanent party assigned to COCOM)
# International Airmen Programs

### Attaché:
- 234 USAF billets in 98 Countries [*plus 3 rotational O-7 DATT billets, none currently USAF – China (USA), Russia (USA), UK (USN)]
  - 109 Officer (32 DATT, 50 AIRA, 27 A/AIRA); fill rate = 96%
  - 125 Enlisted (Attaché Operations Support NCOs); fill rate = 97%
- Airmen fill 25% (32 of 137) DATT positions DAS-wide
- USAF fills 23% officer & 39% NCO steady-state DAS requirements

### International Affairs Specialist (IAS):
- **Requirements/Utilization:**

<table>
<thead>
<tr>
<th>Duty AFSC</th>
<th>Total Auth</th>
<th>Deliberately Developed</th>
<th>Assigned</th>
</tr>
</thead>
<tbody>
<tr>
<td>16F (RAS)</td>
<td>232</td>
<td>3</td>
<td>141</td>
</tr>
<tr>
<td>16P (PAS)</td>
<td>296</td>
<td>26</td>
<td>163</td>
</tr>
<tr>
<td>Total</td>
<td>528</td>
<td>29</td>
<td>304</td>
</tr>
</tbody>
</table>

- **Total Inventory of Certified IAS Officers:**

<table>
<thead>
<tr>
<th>Duty AFSC</th>
<th>Deliberately Developed</th>
<th>Non-Deliberately Developed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>16F (RAS)</td>
<td>11</td>
<td>38</td>
<td>49</td>
</tr>
<tr>
<td>16P (PAS)</td>
<td>57</td>
<td>N/A</td>
<td>57</td>
</tr>
<tr>
<td>Total</td>
<td>68</td>
<td>38</td>
<td>106</td>
</tr>
</tbody>
</table>

- **RAS in Training = 166 / PAS in Training = 173**

### Military Personnel Exchange Program (MPEP):
- 156 USAF MPEP positions in 23 Countries; expanding to 246 positions in 43 countries by FY12
- FY08 Expansion – 16 positions [Poland (3), Bulgaria (1), Bahrain (3), UAE (3), Peru (2), France (2), Indonesia (1), Singapore (1)]
- FY09 Expansion – 12 positions
### Security Forces Utilization

**CSAF’s Guidance:**
- Get the SF folks out of SCIFs (replace by admin)
- Get all SF to places that by and large are F work (NRO, etc)
- Get as close to 100% of our SF personnel (officer & enlisted) in the "bucket"

**Deployment Review:** (OCR: A7S) Target: 371 Airmen
(359 SF + 12 additional SF identified by USAFE)

**Feedback from the Field (Goal: 100%):**
- 338/371 91%

**Result from Owning Agencies:**
- Retained SF: 45/371 12%
- Recommended Return to Core Duties: 196/371 53%
- Remainder Pending/TBD: 119/371 32%
- Data Error/Miscoded: 11/371 3%

**PCA/PCS: (OCR: AFPC/DP A)**
- Methodology: Move w/in PCS budget w/ consideration for professional development; Local realignment first; PCS surplus Ann ‘after dust settles’

**Airmen PCA/PCS:**
- Retained: 9/371 2.4%

**Overall results:**
- TOTAL # of Airmen back in core SF units as a result of the 371 Airmen Return-to-Core Review: 9

---

### Retention

**Authorized End Strength:** 324,600 (FY08)
Excludes 4313 USAFA cadets

**Assigned:**
- End Apr 08: 324,889 (Over 741)

**Enlisted Average Career Length (ACL):**
- End Apr 08 numbers represent last 12 calendar months, 1 May 07 – 30 Apr 08

<table>
<thead>
<tr>
<th>FY07 Goal</th>
<th>FY08 YTD Goal</th>
<th>End Apr 08</th>
<th>% YTD Met</th>
<th>FY08 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall ACL: 9.98 yrs</td>
<td>10.61 yrs</td>
<td>9.34</td>
<td>88%</td>
<td>11.06</td>
</tr>
</tbody>
</table>

**Zone Retention (CCR)*

<table>
<thead>
<tr>
<th>Zone</th>
<th>FY07 Goal</th>
<th>FY08 YTD Goal</th>
<th>End Apr 08</th>
<th>% YTD Met</th>
<th>FY08 Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone A 1-6</td>
<td>44%</td>
<td>52%</td>
<td>45%</td>
<td>87%</td>
<td>58%</td>
</tr>
<tr>
<td>Zone B 6-10</td>
<td>73%</td>
<td>71%</td>
<td>65%</td>
<td>92%</td>
<td>70%</td>
</tr>
<tr>
<td>Zone C 10-14</td>
<td>92%</td>
<td>92%</td>
<td>84%</td>
<td>92%</td>
<td>92%</td>
</tr>
</tbody>
</table>

*CCR=Cumulative Continuation Rate= % of inventory entering the zone expected to remain in inventory at end of the zone. Retention performance now based on YTD goal to bring stability to this metric when transitioning from one FY’s goals to the next. FY08 goals are based on requirements, not expectations.

**Rated-officer retention (P/Nav/ABM)**
- (as of 30 Apr 08)
- ACP takes 2007 54% / NA / 76%

**ACP Inventory:**
- Includes all eligible aviators through 30 Apr 08
- FY08 ACP Proposal still in coord
- FY08 ACP Proposal inventory (as of 30 Apr 08) = 487
- Inventory based on end of FY08 requirements (13,676)

---

### NSPS Highlights

**Background:**
- Included in 2004 NDAA to provide increased manager flexibility; regs published Nov 05

**AF benefits by:**
- Hiring, paying & retaining employees in performance based culture that rewards excellence

**Progress:**
- Revised implementing issuances sent to unions on 3 Apr witih 5 May suspense
- National Guard Bureau Chief advised DoD that conversion of Title 32 employees postponed indefinitely
- Low number of remaining eligible and high cost to implement

**Status:**
- On 26 Oct 07, A1 and A4/7 suspended using organizations to review the 371 SF billets by 9 Nov 07. Disconnects are being resolved and final decision pending.

**Results from Owning Agencies:**
- Retained SF: 45/371 12%
- Recommended Return to Core Duties: 196/371 53%
- Remainder Pending/TBD: 119/371 32%
- Data Error/Miscoded: 11/371 3%

---

**Changes to DoD NSPS PEO**
- Ms Mary Lacey, Program Executive Officer, to MDA
- Mr Brad Bunn, currently Director, CPMS, will replace
- Short term goal: publish new enabling regs and implementing issues reflecting FY08 NDAA
- Long term goal: complete conversion to NSPS

**Next large implementation effort - no earlier than Feb 09**
### Availability

**Definition:** Percentage of a fleet’s total active inventory (TAI) (unit and depot possessed) that is MC.

#### Availability

<table>
<thead>
<tr>
<th>Fleet</th>
<th>FY98</th>
<th>FY99</th>
<th>FY00</th>
<th>FY01</th>
<th>FY02</th>
<th>FY03</th>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fighters</td>
<td>67.8</td>
<td>67.5</td>
<td>66.2</td>
<td>65.7</td>
<td>68.3</td>
<td>67.7</td>
<td>67.9</td>
<td>69.2</td>
<td>66.7</td>
<td>67.1</td>
<td>62.5</td>
</tr>
<tr>
<td>Bombers</td>
<td>50.8</td>
<td>51.2</td>
<td>50.1</td>
<td>54.1</td>
<td>57.2</td>
<td>55.3</td>
<td>56.5</td>
<td>54.3</td>
<td>55.1</td>
<td>56.6</td>
<td>48.1</td>
</tr>
<tr>
<td>Airlift</td>
<td>64.5</td>
<td>61.3</td>
<td>61.3</td>
<td>62.2</td>
<td>65.2</td>
<td>66.0</td>
<td>62.7</td>
<td>59.4</td>
<td>59.4</td>
<td>60.7</td>
<td>64.3</td>
</tr>
<tr>
<td>All Tanker</td>
<td>64.4</td>
<td>59.1</td>
<td>50.1</td>
<td>54.0</td>
<td>61.1</td>
<td>65.3</td>
<td>64.8</td>
<td>62.4</td>
<td>62.1</td>
<td>61.8</td>
<td>59.9</td>
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<tr>
<td>KC-135</td>
<td>63.6</td>
<td>58.2</td>
<td>48.2</td>
<td>52.7</td>
<td>60.5</td>
<td>64.8</td>
<td>64.2</td>
<td>61.4</td>
<td>61.3</td>
<td>60.4</td>
<td>58.3</td>
</tr>
<tr>
<td>ISR</td>
<td>62.1</td>
<td>60.0</td>
<td>55.7</td>
<td>59.8</td>
<td>60.1</td>
<td>59.4</td>
<td>59.3</td>
<td>63.1</td>
<td>67.3</td>
<td>69.3</td>
<td>69.9</td>
</tr>
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<td>CSAR</td>
<td>67.5</td>
<td>54.5</td>
<td>53.4</td>
<td>53.3</td>
<td>54.0</td>
<td>52.7</td>
<td>52.6</td>
<td>55.4</td>
<td>56.6</td>
<td>62.0</td>
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<tr>
<td>SP OPS</td>
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<td>66.8</td>
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<td>65.9</td>
<td>63.6</td>
<td>56.0</td>
<td>54.9</td>
<td>57.2</td>
<td>61.6</td>
<td>59.4</td>
</tr>
</tbody>
</table>

FY07 Worst Availability: B-2 37.1
FY07 Best Availability: MQ-1 79.3

As of 31-Mar-08 Source: Log, Installation & Mission Support-Enterprise View

### Aging Aircraft Notes

#### Effects of Aging

1. Fatigue
2. Loss of material thickness due to corrosion
3. Deterioration of non-metal materials (wiring, sealants)
4. Increasing resource requirements

**KC-135E:** avg age 48.9 yrs
- 29 Grounded due to expired PDM and/or engine strut EIR

**C-130:** avg age 25.1 yrs
- 3 Grounded for Center Wing Box (CWB), wing cracks, & corrosion
- 23 C-130E/H Flight & weight restrictions for CWB cracks

**F-15A-D:** avg age 25.5 yrs
- 9 of 435 grounded for Cracked Longerons
-- 5 repaired, 2 retired, and 2 modified for ground trainers

**A/OA-10:** avg age 26.8 yrs
2 Grounded: 1 gun failure & gear-up landing; CLS Team will repair
1 jacking mishap; structural & electrical component damage

**Average AF * Operational Fleet Age (yrs):**
- 1967 = 8.45
- 2007 = 24.1

*Operational = TAI - [Trainer + Support + Test Acft]

### Depot Days

**Definition:** Average number of flow days for all depot locations

<table>
<thead>
<tr>
<th>Fleet</th>
<th>02</th>
<th>03</th>
<th>04</th>
<th>05</th>
<th>06</th>
<th>07</th>
<th>08</th>
</tr>
</thead>
<tbody>
<tr>
<td>KC-135E</td>
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<td>183</td>
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</tr>
<tr>
<td>KC-130R</td>
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<td>181</td>
<td>180</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>KC-130RT</td>
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<td>182</td>
<td>181</td>
<td>180</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>C-130</td>
<td>181</td>
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<tr>
<td>ISR</td>
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<tr>
<td>RC-135</td>
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<td>HH-60</td>
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<tr>
<td>F-16</td>
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<td>RH-56</td>
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</tr>
<tr>
<td>MH-53</td>
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<td>172</td>
<td>171</td>
<td>170</td>
<td>169</td>
<td>169</td>
</tr>
</tbody>
</table>

### Depot Funding

<table>
<thead>
<tr>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3.4B</td>
<td>$3.4B</td>
<td>$3.3B</td>
<td>$3.3B</td>
<td>$3.3B</td>
</tr>
</tbody>
</table>

* requested

As of 21-Apr-08

### LD/HD Platforms*

**Definition:** Aircraft/Systems that are few in numbers but frequently requested by theater CCGs

<table>
<thead>
<tr>
<th>Platform</th>
<th>Training Backlog</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC-135</td>
<td>120 days</td>
</tr>
<tr>
<td>EC-130H</td>
<td>100 days</td>
</tr>
<tr>
<td>CCT</td>
<td>13 days</td>
</tr>
<tr>
<td>PJ</td>
<td>65 days</td>
</tr>
</tbody>
</table>

### Corrective Strategy:

**RC-135:** Above Max-Surge 61 of last 72 months; The RJ is now in max surge. The FTU Instructor manning is currently 77%, projected to climb to 100% by 30 Mar. There are 950+ Airborne Linguists in the pipeline with current FTU capacity; ANG activated; CT MQ-1: Above max surge since Nov 01; orbits up to 18

**EC-130H:** Above Max-Surge for past 29 months. Add manning: 51 unfunded OSS and Training Sq billets still required to overcome continual instructor shortfall and training backlog. Add funding: impending loss of TF-coded aircraft due to CLS funding shortfall (64% of training backlog. Add funding: impending loss of TF-coded aircraft due to CLS funding shortfall (64% of requirement) will worsen training backlog.

**CCT:** New facility opened Apr 08 unconstraining pipeline; placed CCT/PJ at 3 x recruiting groups; adjusted attrition rates at all courses increasing accessions; 76 in training.

**PJ:** Dwell improved from 1:1 to 1:2, due to AETC training (91 grads) and ACC fielding 3 more Guardian Angel UTC’s in last CY. Program on track to grad 88 PJs and field two more UTC’s (1-ACC, 1-ANG) in next CY.

**MQ-1:** Above max surge since Nov 01; orbits up to 18 out of planned 21; Inc FTU capacity; ANG activated; CT CNX’d; Limited PME; non-ops TDYs CNX’d

**NOTE – LD/HD replaced by LS/HD (Limited Supply/High Demand) in the FY08 Global Force Management Guidance**
**READINESS**

**Aircraft / Infrastructure**

Total Fleet Size: 5774 TAI

FY08 (through 10 Mar 08):
> 42,240 sorties supported GWOT

<table>
<thead>
<tr>
<th>Bases Opened</th>
<th>OEF</th>
<th>OIF</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>10</td>
<td>12</td>
</tr>
</tbody>
</table>

**Fleet MC Rates**

**Definition:** Percentage of a fleet that is unit possessed (not depot possessed) and capable of flying at least one assigned mission

<table>
<thead>
<tr>
<th>Fleet</th>
<th>FY98</th>
<th>FY99</th>
<th>FY00</th>
<th>FY01</th>
<th>FY02</th>
<th>FY03</th>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
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<tr>
<td>Fighters</td>
<td>74.9</td>
<td>74.3</td>
<td>74.5</td>
<td>73.9</td>
<td>76.6</td>
<td>76.5</td>
<td>76.3</td>
<td>77.5</td>
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<td>72.5</td>
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<tr>
<td>Bombers</td>
<td>63.1</td>
<td>63.7</td>
<td>63.6</td>
<td>67.3</td>
<td>70.1</td>
<td>69.9</td>
<td>70.3</td>
<td>66.8</td>
<td>67.2</td>
<td>67.0</td>
<td>62.8</td>
</tr>
<tr>
<td>Airlift</td>
<td>72.8</td>
<td>71.7</td>
<td>71.6</td>
<td>72.1</td>
<td>73.9</td>
<td>75.1</td>
<td>73.5</td>
<td>72.9</td>
<td>73.3</td>
<td>73.7</td>
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<tr>
<td>All Tanker</td>
<td>79.6</td>
<td>78.2</td>
<td>72.4</td>
<td>76.6</td>
<td>79.7</td>
<td>79.3</td>
<td>78.0</td>
<td>77.3</td>
<td>77.5</td>
<td>79.5</td>
<td>79.5</td>
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<td>KC-135</td>
<td>78.8</td>
<td>77.4</td>
<td>71.1</td>
<td>75.8</td>
<td>79.6</td>
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<td>77.4</td>
<td>76.5</td>
<td>77.0</td>
<td>78.9</td>
<td>79.5</td>
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<tr>
<td>ISR</td>
<td>75.3</td>
<td>74.3</td>
<td>70.8</td>
<td>74.2</td>
<td>76.7</td>
<td>76.9</td>
<td>77.6</td>
<td>80.9</td>
<td>83.6</td>
<td>84.4</td>
<td>85.3</td>
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<tr>
<td>CSAR</td>
<td>68.9</td>
<td>67.8</td>
<td>66.0</td>
<td>65.1</td>
<td>66.7</td>
<td>63.7</td>
<td>62.6</td>
<td>66.4</td>
<td>69.3</td>
<td>72.3</td>
<td>73.3</td>
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<tr>
<td>SP OPS</td>
<td>73.6</td>
<td>73.7</td>
<td>79.1</td>
<td>77.9</td>
<td>79.4</td>
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<td>72.1</td>
<td>69.3</td>
<td>71.0</td>
<td>73.2</td>
<td>73.3</td>
</tr>
</tbody>
</table>

MC Source - LIMS-EV as of 31-Mar-08

**Deployed C-130 MC rates Mar-08**

| E | 80.2 |
| H | 84.5 |
| J | 93.0 |

Source: CENTAF/A4 LGM as of: 31-Mar-08

**Average Age and Cost Data**

Total Fleet: 24.0 Yr (5,708 TAI)
To Maintain 24: Must Buy 164/Yr

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AGE</th>
<th>CPFH*</th>
<th>Trend**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fighter</td>
<td>19.9</td>
<td>$19.4K</td>
<td>9.8%</td>
</tr>
<tr>
<td>Bomber</td>
<td>33.4</td>
<td>$52.7K</td>
<td>8.1%</td>
</tr>
<tr>
<td>Tanker</td>
<td>44.4</td>
<td>$14.3K</td>
<td>6.1%</td>
</tr>
<tr>
<td>Strat lift</td>
<td>15.6</td>
<td>$24.4K</td>
<td>17.2%</td>
</tr>
<tr>
<td>Tac lift</td>
<td>24.7</td>
<td>$13.3K</td>
<td>10.2%</td>
</tr>
<tr>
<td>C2</td>
<td>22.1</td>
<td>$44.5K</td>
<td>10.0%</td>
</tr>
<tr>
<td>SOF</td>
<td>27.8</td>
<td>$29.8K</td>
<td>7.1%</td>
</tr>
<tr>
<td>ISR</td>
<td>30.1</td>
<td>$40.2K</td>
<td>(4.1)%</td>
</tr>
<tr>
<td>CSAR</td>
<td>22.4</td>
<td>$19.0K</td>
<td>5.4%</td>
</tr>
<tr>
<td>OSA/VIP</td>
<td>26.1</td>
<td>$12.1K</td>
<td>18.1%</td>
</tr>
<tr>
<td>Trainer</td>
<td>24.4</td>
<td>$3.4K</td>
<td>6.7%</td>
</tr>
</tbody>
</table>

Oldest Avg Fleet: Tanker
Youngest Avg Fleet: Strategic Airlift

* Operational Cost Per Flying Hour (NoMods) TY $ = FY07 Operating CP FH
Includes Mission Personnel; Unit level Consumption; Intermediate and Depot Level Repair; Contractor Fee and Indirect Support
** Trend = Average growth/year from FY03 to FY07

Age data as of 1 Mar 08/AFT OC Operational Cost Data as of 31 Oct 07
## Aging Satellites

**Early Warning**  
DSP – *Defense Satellite Prgm*  
- # of Sats: classified  
- Design life: 5 yrs  
- Avg Age: classified

**Satellite Communications**  
- Milstar  
  - # of Sats: 5  
  - Design life: 10 yrs  
  - Avg Age: 9.1 yrs  
- DSCS – *Defense Satellite Comm Sys*  
  - # of Sats: 9  
  - Design life: 10 yrs  
  - Avg Age: 10.1 yrs  
- Interim Polar (payload on classified host)  
  - # of Sats: 2  
  - Design life: classified  
  - Avg Age: classified

**Modernization Satellites FY09 Investment:**  
- **Early Warning**  
  - SBIRS/AIRSS  
  - $2477.3M
- **Satellite Comm**  
  - Advanced EHF  
  - $404.7M  
  - TSAT  
  - $843.0M  
  - WGS  
  - $22.6M  
  - Enhanced Polar  
  - $237.7M  
  - Terminals  
  - $423.4M

## Aging Space Systems

**Global Strike**  
- Minuteman III ICBM  
- Readiness rate: 99.5% for CY2006  
- Age: 35+  
- FY08 O&M: $304M  
- FY08 Invest: $552M  
- Extends ops: 2020+

**Warfighting Support**  
- AF Satellite Cntl Network  
- Contact success rate: 89.7% for CY07  
- Age: 40+  
- FY08 O&M: $248M  
- FY08 Invest: $78M  
- Extends ops: n/a

**Persistent C4ISR – SSA**  
- Haystack Radar  
  - Tasking response rate: N/A  
  - AF pays MIT  
  - Lincoln Laboratory for 13 wks of ops/yr  
  - Age: 43 yrs  
  - FY08 O&M: $2M  
  - FY08 Invest: $.7M  
  - Adds W-band/year-round X-band

- Eglin Radar  
  - Tasking response rate: 90%  
  - Age: 40 yrs  
  - FY08 O&M: $9.6M  
  - FY08 Invest: $15.5M  
  - Extends ops: 2015

## Space Situational Awareness (SSA)

**SBV**  
- *Space-based Visible*  
- # of Sats: 1  
- Design life: 5 yrs  
- Avg Age: ~11 yrs  
- GPS IIA / IIR / IIR-M  
- # of Sats: 31  
- Design life: 7.5 yrs  
- Avg Age: ~9.03 yrs

**Environment**  
- DMSP – *Defense Meteorological Satellite Prgm*  
- # of Sats: 5  
- Design life: 4.0 yrs  
- Avg Age: ~7.5 yrs

## Modernization Satellites FY09 Investment:

<table>
<thead>
<tr>
<th>SSA</th>
<th>SBSS</th>
<th>$ 120.7M</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GPS IIF</td>
<td></td>
<td>$ 140.2M</td>
</tr>
<tr>
<td>GPS III</td>
<td></td>
<td>$ 261.7M</td>
</tr>
<tr>
<td>Environmental NPOESS</td>
<td></td>
<td>$ 289.5M</td>
</tr>
</tbody>
</table>

## Fiscal Year 2009 Investments:

- Early Warning SBIRS/AIRSS: $2477.3M
- Satellite Communications:
  - Advanced EHF: $404.7M
  - TSAT: $843.0M
  - WGS: $22.6M
  - Enhanced Polar: $237.7M
  - Terminals: $423.4M
- Persistent C4ISR – SSA
  - Haystack Radar:
    - Tasking response rate: N/A
    - Age: 43 yrs
  - Eglin Radar:
    - Tasking response rate: 90%
    - Age: 40 yrs
- Warfighting Support - AF Satellite Cntl Network:
  - Contact success rate: 89.7%
  - Age: 40+
- Global Strike - Minuteman III ICBM:
  - Readiness rate: 99.5%
  - Age: 35+  
  - FY08 O&M: $304M  
  - FY08 Invest: $552M  
  - Extends ops: 2020+
- Architecture:
  - Persistent C4ISR – SSA
  - Haystack Radar:
    - Tasking response rate: N/A
    - Age: 43 yrs
  - Eglin Radar:
    - Tasking response rate: 90%
    - Age: 40 yrs
**C-315 Retirements/Transfers**

- Oldest fleet-first E-model turned 30 in 2008
- E-models more expensive to sustain
- Service life of the E-model expires by FY08
- Significant maintenance required to fly
- Maintenance costs higher for mods

Retirements (Qn: 3 restrictions FY04-08)
- As of May 08, 35 C-17s in storage
- FY07 requested 8; allowed 6 retire 29
- FY08 requested 8; allowed 6 retire 48 all flying

- Work on C-17s in 

- RERP status: FY08 funding: $363.9M
- Work done at LM Marietta
- 25 Mar 08 - MS CADM authorized Lot 1 (1 a/c) material fabrication and Lot 2 (3 a/c) long-lead components
- 18 Apr 08 - Contract awarded for Lot 1 (1 a/c) material fabrication and Lot 2 (3 a/c) long-lead components

- Current Bases:
  - AD: Dover, Travis
  - AFRC: Westover, Lackland, WPAFB
  - ANG: Stewart, Memphis, Martinsburg

- AMP status: FY08 funding: $120.4M
- Work done at Dover and Travis

- RERP status: FY08 funding: $363.9M
- Work done at LM Marietta

AF is committed to modernizing the mobility fleet

**C-130 Retirements/CWB/AMP**

- 109 TAI C-130Es (Avg Age - 44 years)
- C-130 Es/Hs facing significant CWB problems
  - 28 Es & Hs flt restrictions—CW serv lfe issues
- C-130E Retirements (FY08 NDAA permitted 24)
  - FY 07 08 09 10 11 12 13 14
  - Plan 51 24 TBD Based on Recap Efforts

- Savings invested in fleet recapitalization- No AMP or CWB replacement for C-130Es
  - CBP repairs only for select C-130Es
  - Repairs provide additional 3-5 yrs of life
- C-130 AMP -$18M (TY$) per aircraft
  - 222 aircraft funded (H2, H2.5 & H3)
  - 166 aircraft unfunded (71 H1 & 119 Special Mission)
- C-130 CWB Repair/Replacement
  - Repair $800K/aircraft; Replacement $6-8M
  - Replacement planned for H1, 2, 2.5, and 3
  - E-model cost avoidance: $1.6B
- MCS requires 395 C-130s equiv for mod risk
  - Met by C-130J, Mod’d Hs and C-130Es
  - Approach MCS Minimum tails in FY10 & 11

**Intra-theater lift requirements will be met by C-130Js and modernized Hs**

**C-17**

174 of 190 USAF C-17s Delivered

- Current bases:
  - AD: Altus, Charleston, Dover, Elmendorf, McChord, McGuire, Hickam, Travis
  - AFRC: March
  - ANG: Jackson

- FY07 Appropriation ($2.26B) funded the final 12 C-17s under the MYP II contract to 180 aircraft
- Title IX of FY07 Appropriation ($2.09B) funded 10 additional C-17s, increasing total fleet to 190
- FY08 PB and FY09 PB do not include additional C-17 procurement funding for aircraft above 190 aircraft

- Without FY08 C-17 procurement, Boeing C-17 production line will begin to shutdown mid-2008

- FY08 Congressional Actions:
  - Authorization: $2.28B for 8 additional C-17s (198 C-17 fleet)
  - Appropriation: included no additional C-17 funding)
  - HAC: Deferred C-17 decision to GWOT Supp Bill

- FY09 Congressional Actions:
  - HASC included $3.9B for 15 C-17s
  - SASC did not include funding for additional C-17s

AF procuring additional C-17s added by Congress in FY07. FY08 C-17 procurement is TBD.
### Space Priorities
- **Assure freedom to access & act in space**
- **Ensure continuity of service and new development of critical space capabilities**
  - Specifically: Space Situational Awareness, Early Warning and Space Communications
- **Continued cooperation across military and intelligence communities**
- **Developing a space cadre**
- **Incorporate a “Back-to-Basics” space acquisition approach**
- **Renewed emphasis on use of mature technology, increased schedule confidence, risk reduction & requirements collaboration**
- **Focus on Operationally Responsive Space**
  - Developing CONOPS, Capabilities and Components to revolutionize space response

**Mission:** exploit & control space to protect & defend the Nation and its global interests...in peace and war

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### Early Warning
**Warning, defense and situational awareness from the world's most advanced sensor net**

**Current capability:** DSP, EWRs
**Future capability:** SBIRS, 3GIRS

**Space based sensors:**
Space Based Infrared System (SBIRS) is the replacement for Defense Support Program (DSP), meeting a significantly increased set of requirements

**Ground based sensors:**
Upgraded Early Warning Radar (UEWR) adds missile defense capability and modernizes radar signal processing hardware/software while improving sustainability

**Recapitalization FY09 Investment $M**
Transformational FY09 Investment $1,081.2M
[MDA funding 3 UEWRs, AF to fund next 2]

FY09 PB RDT&E and Procurement

---

### Space Situation Awareness
Watching Space – knowing who is there and what they are doing

**Current capability:** 8 dedicated sensors (7 ground)
**Future capability:** 12 dedicated sensors (8 ground)

**Ground based sensors:** Eglin, AF Space Surveillance System, and Globus II radars, Ground-based Electro-Optical Deep Space Surveillance and Moron telescopes. Space Fence in future

**Space based sensors:** Space-Based Visible telescope. Future Space-Based Space Surveillance (SBSS)

**Integration:** Integrated SSA program to integrate / distribute sensor data

**Recapitalization FY09 Investment $M**
Transformational FY09 Investment $20.8M

**Transformational FY09 Investment $219.5M**

FY09 PB RDT&E and Procurement

---

### Space Communications
Lifting the fog of war

**Current capability:** DSCS / WGS - Unprotected Wideband (X & Ka band) SATCOM; Milstar – Protected, Survivable SATCOM

**Future capability:** 1) Higher Capacity Wideband SATCOM (Unprotected & Protected) provides ISR Relay and X to Ka cross-banding; 2) More Flexible Protected SATCOM provides continuity of Strategic Missions, Richer Tactical Connectivity, and Improved Ground/Naval/ Air Operations

**Receivers/Terminals:** FAB-T, GBS, GMT, SMART-T, & AFWET (DSCS-SHF)

**Space systems:** WGS, AEHF, EPS, & TSAT

**Recapitalization FY09 Investment $M**
AEHF, WGS, Enhanced Polar

**Transformational FY09 Investment $1,172.3M**

FY09 PB RDT&E and Procurement
**Transformational Satellite Communications (TSAT)**
- 5-satellite networked constellation w/laser crosslinks
- Provides wideband for ISR, and protected for all users via internet protocol comm
- Enables Services' warfighting visions
- Provides battle command-on-the-move capability across joint force
- Worldwide persistent connectivity of ISR assets for sensor-to-shooter SA
- Enabler for net-centric operations
- FY09 program reflects QDR approved restructure – block build – lower risk
- FY09 SASC +$350.0M to address delays; HASC, HAC, SAC: TBD
- FY09 PB: In FY10, source TSAT to fund AEHF 4; reassess TSAT investment strategy

**A4/7 Transformation**

- Depot Modernization strategy

  AF Depot structure is continuously monitored to provide improved depot support. AF is committed to depot modernization as key to its strategy to provide sustainment on time and at affordable costs.

**Expeditionary Logistics for 21st Century (eLog21)**
- Centralized Asset Management (CAM)
  -- In FY07, sustainment funding was centralized for Active O&M CLS, Sustaining Engineering (Sust Eng), TOs, and AVPOL
  -- FY08 adds Active O&M DPEM, Depot Level Reparables, Flying Hour Consumables, and Support Equipment (SE)
  -- Congress did not approve the transfer of FY08 ANG & AFRC CLS, Sust Eng, and SE funding into centrally managed account

*As of Jan 08*
FY08 BUDGET
- Appropriation passed. DoD BRAC allocation was $938M less than requested. AF $1.183B request was fair-share reduced by $235M. AF transferred $42M to Army for AF projects on Army installations -- OSD anticipates majority restored in FY 08 supplement

FY09 BUDGET
- AF request for $1,073M includes $738M in MILCON for 63 projects

Priority Issues
- Joint Basing: DSD signed implementation guidance directing TOA and RP transfer, and phased implementation; Supplemental guidance released 16 Apr; MOA development next
- San Antonio: Comprehensive integration: 2 med ctrs & basic/specialty enlisted med trng
- JSF: EIS (noise) will affect housing privatization @ Eglin, including Army beddown
- Pope: AF/Army continue to negotiate particulars – no formal agreement in place yet

BRAC Account 2005 One-Time Implementation Costs

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
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<td>253.272</td>
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<td>Other</td>
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<td>63.226</td>
<td>17.768</td>
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<tr>
<td>Environmental</td>
<td>15.830</td>
<td>5.249</td>
<td>6.834</td>
<td>11.486</td>
<td>12.553</td>
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<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>9.000</td>
</tr>
</tbody>
</table>

Total One Time Costs 231.428 906.941 1,183.812 1,072.925 390.661 140.443 3,926.210

AF Goals for BRAC 2005
- Maximize warfighting capability efficiently
- Realign Air Force infrastructure to meet future defense strategy
- Maximize operational capability by eliminating excess physical capacity
- Capitalize on opportunities for joint activity

Program Funding:
- AF fully funded total of $3.9B
- AF Corporate Structure fully funded its implementation requirement for FY 06-11 and will fund its environmental cleanup and property management requirements in FY 12 and beyond

Talking Points
- BRAC implementation is more than brick & mortar -- unfunded FY08 requirements threaten personnel movements, infrastructure, COMM/IT & furniture for new buildings
- If the 2008 Omnibus reduction is not restored, the AF will experience delays and disruptions in construction and the movement of people and assets--we’ll be hard broke
- Realigns infrastructure to meet future defense strategy--transform Air Force over 20 yrs
- Capitalizes on joint opportunities - places AF assets for better training, future ops/support
**INSTALLATIONS**

**MAJOR Total** 84
- Active 77
- CONUS/OCONUS (active) 61/16*
- ANG 2
- AFRC 5
- Major CONUS/OCONUS 68/16

**MINOR Total** 82
- Active 10
- CONUS/OCONUS (active) 7/1*
- ANG 65
- CONUS/OCONUS (ANG) 64/1*
- AFRC 7
- Minor CONUS/OCONUS 78/4

**SUPPORT SITE Total** 111
- Active 48
- CONUS/OCONUS (active) 40/8
- ANG 61
- CONUS/OCONUS (ANG) 52/9
- AFRC 2
- Support sites CONUS/OCONUS 94/17

**OTHER Total** 1,185
- Active 1,071
- CONUS/OCONUS (active) 644/427*
- ANG 87
- CONUS/OCONUS (ANG) 84/5*
- AFRC 27
- Other CONUS/OCONUS 755/430

**ALL TYPES Total** 995/467

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**MAJOR Installation** (Air Force Base, Air Base, Air Guard Base or Air Reserve Base): Self-supporting center of operations for actions of importance to AF combat, combat support, or training. Operated by an Active, ANG or AFRC unit of wing size or larger with all land, facilities and organic support needed to accomplish the unit mission. Must have real property accountability through ownership of all real estate and facilities. Agreements with foreign governments, which give the AF jurisdiction over real property, meet this requirement. Shared use agreements (as opposed to joint use agreements where the AF owns the runway) do not meet the criteria to be major installations.

**MINOR Installation** (Air Station, Air Guard Station or Air Reserve Station): Facility operated by Active, ANG or AFRC unit of at least squadron size that does not otherwise satisfy all the criteria for a major installation. Examples of minor installations are ANG and AFRC flying operations that are located at civilian-owned airports.

**Support Site**: Air Station, Air Guard Station, Air Reserve Station or facility operated by Active, ANG, or AFRC unit that provides general support to the Air Force mission and does not satisfy the criteria for a major or minor installation. Examples of support sites are: Air Force-owned contractor-operated plants, ANG and AFRC installations supporting communications/engineering units, installations in standby, and installations with no flying operations which provide only base operations support to other units.

**Other Activities**: Annexes, minimally manned/unmanned installations with little or no real property, and leased office space. Examples are: sites that are located on installations belonging to other Services, Maxwell/Gunter Annex, radio relay sites, radio beacon sites, remote tracking sites, radar sites and NAVAID sites.

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Note: By naming convention most major installations are called bases, with the exception of Creech AFB, which is a minor installation. Definitions below are contained in AFPD 10-5. While BRAC will generate the potential lost of three major installations and three minor installations with one minor changing from AFRC to ANG; the dates for these have not been determined and are not expected to take place prior to FY07.

* OCONUS includes foreign countries and Hawaii, Alaska and Guam (Hickam, Eielson, Elmendorf and Andersen). Active minor OCONUS locations are: Clear AFS, Thule and RAF Croughton; ANG OCONUS minor installation is Kulis AGS AK.
**Ranges and Airspace**

**Numbers:** Operate 45 Ranges
- 40 Air-to-Ground
  - 23 Air Force (5 OCONUS)
  - 14 ANG
  - 3 AFRC
- 2 Information Operations Ranges
- 3 Space (2 Launch / 1 Test & Training)

**Operating Space Enterprise (OSE):** IAW PA D 07-13
AF/A3O-AR and MAJ COMs/ NGB are currently developing the OSE in order to achieve a more institutionalized approach towards airspace and ranges in order to eliminate disparities in funding and charging procedures, duplication of effort. The OSE and its identified lead MAJCOMs (ACC, AFMC, AF SP C) will program, budget, implement and, most importantly, integrate enterprise solutions to meet user requirements for operating space in all three domains. It will implement strategy, consolidate skills and provide a common voice for inter-agency coordination, advocacy, requirements and funding, and P&PLANS under development.

**Range – Training – Readiness Linkage and Risks:** Through the FYDP, AF is unable to meet our highest level training requirements due to $951.4M shortfall in O&M, MilCon and Acquisition. Forces presented to Combatant Commanders may not be immediately prepared to accomplish complex, joint tasks required to prevail against an advanced adversary.

**Housing**

**AF Housing Goal:** Fund to eliminate all inadequate housing in overseas by 2009 *

**FY09 Total Housing Beginning State:**

- Requirement: 81,300
- Inventory **: 83,500
- Adequate: 78,700
- Inadequate: 4,800
- % of US inventory privatized: 70%

* Funding requirement to eliminate CONUS inadequate units by 2007 met
** Includes AF-owned (37,200), privatized (41,500), and leased (4,800) units

**Investment Requirement/Funding:**

<table>
<thead>
<tr>
<th>FY09 only</th>
<th>FY09-13</th>
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</thead>
<tbody>
<tr>
<td>Units</td>
<td>$396M</td>
</tr>
<tr>
<td>$948M</td>
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</tr>
</tbody>
</table>

**Privatization:**

- Total awarded to date: 35,100
- Total completed to date: 16,500

**FY10 Total Housing End State:**

- Requirement: 81,300
- Inventory: 83,600
- AF-owned: 31,900
- Privatized: 45,900
- Leased: 5,800

As of 19 Jun 08

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**4 Month Space Launch Manifest (as of: 3 Jun 08)**

<table>
<thead>
<tr>
<th>Mission</th>
<th>Launch Vehicle</th>
<th>Launch Site</th>
<th>NET</th>
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<tbody>
<tr>
<td>GLAST</td>
<td>DELTA II 7920H</td>
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<td>OSTM</td>
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<td>[WR] SLC-2W</td>
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<td>GMD FTG-04</td>
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<td>[WR] LF-23</td>
<td>18-Jul-08</td>
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<td>GMD NFIRE-2B</td>
<td>TLV</td>
<td>[WR] LF-06</td>
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<td>MINUTEMAN III</td>
<td>[WR] LF-04</td>
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<td>GEOEYE-1</td>
<td>DELTA II 7920</td>
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<td>NROL-26</td>
<td>DELTA IV HEAVY</td>
<td>[ER] SLC-37B</td>
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<td>DMSP-18</td>
<td>ATLAS V (401)</td>
<td>[WR] SLC-3E</td>
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<td>GPS IIR-20(M)</td>
<td>DELTA II 7925</td>
<td>[ER] SLC-17A</td>
<td>18-Sep-08</td>
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As of 19 Jun 08
3,705 Deployment Requirements

- 1,596 Joint Sourced Taskings (43%)
- 2,109 AF Taskings (57%)
- 2,866 Active Duty (77%)
- 839 ARC (23%)

3,778 Short - 3,821 Backfill = 43 Delta

1,596 Joint Sourced Taskings

912 Faces Short

2,866 AD Deployed

314 Civilian over hire

1,416 ARC

347 Host Nation Support

1744 Contractors

- 9 Returned to date
- 318 Targeted for Return
- 243 Remain out of core

- Current UTC Dwell is 1:1.7, target is 1:2
- First term SF retention (May 08) remains 36%
- PBD 720 cuts: 0 enlisted; 97 officers
- 570 SF Enl out of core assignments; working with A1 to realign
- Nuclear units manned at 100%, working with 20th AF and AFSPC on deployment options
- Congress mandated 10% cut in contractors: max is 1744 for FY08, and 1583 in FY09
- GS overhires: AFMC 103, AETC 195, AFSOC 16 = 314
- Host nation support: USAFE 311, PACAF 36 = 347

More in notes page
### AFEOD CENTCOM Presence

<table>
<thead>
<tr>
<th>Taskings</th>
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<tbody>
<tr>
<td>Positions</td>
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<td># Filled</td>
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<tr>
<td>Location</td>
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</table>

**Response**

- IED: 1538
- CACH E: 590
- UXO: 1589

### Total JEOD Auth Manpower

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<thead>
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<th></th>
<th>USAF</th>
<th>USA</th>
<th>USN</th>
<th>USMC</th>
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<tr>
<td>USMC</td>
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</table>

### AFEOD Casualties

- KIA / WIA: 8 / 33

### Health of SNCOs

<table>
<thead>
<tr>
<th></th>
<th>E7 Manning Level %</th>
<th>E8 Manning Level %</th>
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</thead>
<tbody>
<tr>
<td>Manning Level %</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>Change 08</td>
<td>440%</td>
<td>470%</td>
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<tr>
<td>Change 07</td>
<td>5</td>
<td>8</td>
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### VIPPSA (Missions/Man-hrs)*

| 235/52,07 |
| 3 |

### Notes provided on "Notes" screen

### OPSTEMP O

<table>
<thead>
<tr>
<th>Dwell</th>
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<tbody>
<tr>
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<tr>
<td>E-6</td>
<td>1:1</td>
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<tr>
<td>E-7</td>
<td>1:1</td>
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