U.S. Air Force
FY06 Budget Rollout

Making the Whole Joint Team Better

Major General Stephen Lorenz
Air Force Director of Budget
Today, We Fight The Global War on Terrorism And Prepare For Other Threats Around the World and on the Horizon.

The Global War on Terrorism Continues on Many Fronts and the U.S. Air Force Remains Engaged Throughout the World.
Where Air Force People Are Engaged Today

USNORTHCOM / CONUS
Asgn: 470,632
Deployed in: 1,322

USEUCOM
Asgn: 35,545
Deployed in: 1,813

USSOUTHCOM
Asgn: 291
Deployed in: 158

USCENTCOM
Asgn: 318
Deployed in: 19,484

USPACOM
Asgn: 46,270
Deployed in: 3,170

Total Assigned Overseas: 82,000+
Total Deployed OCONUS*: 32,000+
*Includes personnel enroute

The AF is globally engaged: 100,000+ members are deployed or assigned to COCOM AORs and another 100,000+ provide COCOM support from the CONUS
19,000+ Airmen are currently deployed to CENTCOM’s AOR in support of OIF/OEF and over 260,000 Airmen have been deployed to AOR since 9/11 -- Also 265,000+ sorties flown to date and 37M+ lbs of munitions dropped
In the GWOT, Our Airmen Are Totally Engaged Beyond the Airfield As Well

Defeating IEDs:
The AF fielded Specialized Explosive Detection Dogs and upgraded three flying platforms that specifically focus on detecting/defeating IEDs

Reducing Convoy Casualties:
350 fewer trucks in convoys each day by airlifting supplies rather than overland travel

Personnel Support to Army:
AF is filling 2,668 billets to help relieve Army shortfalls such as convoy escorts, prison guards, and personnel security detachments

Iraqi Elections:
Transported voter lists, ballots, Iraqi officials and Security Forces

Integrating Joint Operations:
Joint Terminal Attack Controllers direct actions of combat aircraft engaged in close air support and other offensive air operations

Simultaneously, the Air Force Also Supports NORTHCOM and Operation NOBLE EAGLE
AF maintains a **24/7 posture** with fighter, tanker, and early warning assets in the air and on ground alert at ~20 locations -- **37,000+ sorties since 9/11**

**Aircraft on Alert**

<table>
<thead>
<tr>
<th></th>
<th>Pre-9/11</th>
<th>Post-9/11</th>
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</thead>
<tbody>
<tr>
<td>Fighters</td>
<td>14</td>
<td>30</td>
</tr>
<tr>
<td>Tankers</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>AWACS</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14</td>
<td>40</td>
</tr>
</tbody>
</table>

*More than 5-Fold Increase in Personnel Supporting Alert Missions*
Other Contingency Operations

Fighting the War on Drugs
200+ Airmen deployed to SOUTHCOM in southern U.S., the Caribbean, and Central and South America
24/7 detection and monitoring of air space to counter illegal drug and narcotics trafficking

Bolstering Regional Security
PACOM - 8,400 Airmen providing security for South Korea
B-52s continuously deployed to Guam
EUCOM – 475 Airmen providing stability to the Balkans

Operation UNIFIED ASSISTANCE
960 Airmen deployed to PACOM supporting tsunami relief efforts
The AF has airlifted 15M+ lbs of food and supplies to disaster victims
1,134 Sorties

To Make This All Happen, You Have to Get the People and Equipment in Place – The AF’s Global Mobility Assets Deliver the Joint Force, Anywhere, Any Time
Global Mobility

In Addition to Global Mobility, Space Is the Key Enabler for All Joint Operations From the Strategic to Tactical Levels

Joint Refueling
GWOT: Nearly 20,000,000 lbs of fuel in the last 7 days
Non-GWOT: 3,900,000 lbs of fuel in last 7 days

AMC Airlift Story since 11 Sep 2001
(as of 13 Jan 2005)

<table>
<thead>
<tr>
<th>Mission Type</th>
<th>Missions</th>
<th>Sorties</th>
<th>Pax</th>
<th>Stons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Mobility Command</td>
<td>199,252</td>
<td>459,216</td>
<td>3,841,665</td>
<td>1,517,674</td>
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<tr>
<td>Global War On Terror</td>
<td>37,485</td>
<td>129,542</td>
<td>1,809,593</td>
<td>952,223</td>
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<tr>
<td>Operations Enduring Freedom</td>
<td>17,508</td>
<td>56,752</td>
<td>536,466</td>
<td>422,266</td>
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<td>Operation Iraqi Freedom</td>
<td>19,537</td>
<td>71,786</td>
<td>1,265,627</td>
<td>527,200</td>
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<tr>
<td>Operation Noble Eagle</td>
<td>440</td>
<td>1,004</td>
<td>7,500</td>
<td>2,757</td>
</tr>
<tr>
<td>Operation Unified Assistance</td>
<td>70</td>
<td>76</td>
<td>1,270</td>
<td>1,948</td>
</tr>
</tbody>
</table>

Weekly AMC OPERATIONS TEMPO
Snapshot 18 Jan 05

<table>
<thead>
<tr>
<th>Mission Type</th>
<th>Last 7 Days</th>
<th>6-Week Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Worldwide Missions</td>
<td>999</td>
<td>910</td>
</tr>
<tr>
<td>CENTCOM Missions</td>
<td>465</td>
<td>418</td>
</tr>
<tr>
<td>OIF Missions</td>
<td>119</td>
<td>94</td>
</tr>
</tbody>
</table>

Worldwide Missions
Last 7 Days 999
6-Week Average 910

CENTCOM Missions
Last 7 Days 465
6-Week Average 418

OIF Missions
Last 7 Days 119
6-Week Average 94
We Didn’t Achieve These Capabilities by Accident – After the Berlin Wall Came Down, We Began Over a Decade of Air Force Transformation
How We Got Here
AF Transformation

First, the Changes in the Strategic Environment Drove Air Force
Organizational Transformation

New Things & Old Things in New Ways

AF Transformation Flight Plan

Organization

Technology

CONOPs

AEF Construct
Balancing Total Force Mix
F/A-22
Expeditionary Cmbt Spt Modules
Embedded CRG Capability
CAOC as a Weapons System
AF Network Ops Center
Blue Force Tracking
Common Operational Picture
“Precision-izing” the Force
Machine-Machine Integration
Laser/JTRS Communications
DMO/DMT
JSF
UAVs / J-UCAS
E-10A, ROBE on Tankers
Ground Warrior Modernization
Bandwidth Sharing
Time Sensitive Targeting
Joint Complementary Capabilities
Cruise Missile Defense
Mobile Targeting
Organizational Transformation

Air Expeditionary Force (AEF): Flexibility and Agility

10 Equally Capable AEFs (5 Pairs)

AEF 1/2  
AEF 3/4  
AEF 5/6  
AEF 7/8  
AEF 9/10

Command and Control  
Iron  
Expeditionary Combat Support  
Equipment

12 Carrier Strike Groups  
7 MEUs  
10 Divisions (TBD: 43 BCTs)

The Air Force Is Also Aggressively Pursuing Technological Innovation – Which Is Critical to Maximizing Air and Space Power in a Joint Warfighting Environment
Examples of Technology Transformation

**Precision engagement:**
From sorties per target, to targets per sortie

**Persistent air and space sensor capabilities and improved integration of systems:**
Allows our Joint Warfighters to See First, Understand First, Act First –
In Any Weather, Anywhere on the Globe, 24/7

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**Technology Transformation Increases Our Ability to Produce Desired Effects and Makes the Entire Joint Team More Effective – We Also Transformed Our CONOPS**
Concept of Operations (CONOPs) Transformation: Drives Everything We Do

Joint Integrated Capability is the absolute requirement – CONOPs are how we are going to fight in the joint arena and with coalition partners

So, Let’s Look at How It All Comes Together – and the Air Force’s Core Missions in the Emerging Security Environment
Putting It All Together: AF Core Missions in the Emerging Security Environment

**Persistent C4ISR**
- See First, Understand First, Act First
- Precision NAV
- Missile Warning
- CAOC
- OEF/OIF: 24/7 Command and Control, GPS
- Blue-Force Tracking
- UAVs
- Responsive Reconnaissance
- Tracking Mobile Targets
- Airborne Early Warning
- Weather

**Global Mobility**
- Move People & Equipment Around The World Quickly – The Right Force, Anywhere, Any Time
- Direct, Strategic Deployment
- 173rd Brigade
- Joint Refueling
- Intra-Theater Airlift
- Aeromedical
- Humanitarian Relief Operations
- SOF Mobility
- Aeromedical
- Combat Support

**Rapid Strike**
- Precise, persistent, and survivable capability—able to produce tactical, operational, and strategic effects
- Air Superiority
- Cruise / Ballistic Missile Defense
- 24/7 All Weather Interdiction
- Global Strike
- Battlefield Airmen
- Force Multiplier of Distributed Ground Units
- High Value Targets

Here’s How Our FY06 Budget Helps Make the Whole Joint Team Better
Air Force Budget
FY04 - FY06 Comparison

FY04: $91.8B + $9.9B Supplemental = $102.9B
FY05: $96.0B + $0.7B Supplemental = $96.0B
FY06: $102.9B
Air Force Budget
FY04 - FY06 Comparison

FY04 FY05 FY06
$91.8B $96.0B $102.9B

Peacetime Comparison

<table>
<thead>
<tr>
<th>Category</th>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
</tr>
</thead>
<tbody>
<tr>
<td>People</td>
<td>$30.4</td>
<td>$32.4</td>
<td>$34.7</td>
</tr>
<tr>
<td>Modernization</td>
<td>$32.9</td>
<td>$35.5</td>
<td>$35.1</td>
</tr>
<tr>
<td>Readiness</td>
<td>$25.5</td>
<td>$25.2</td>
<td>$29.9</td>
</tr>
<tr>
<td>MILCON/MFH</td>
<td>$3.0</td>
<td>$2.9</td>
<td>$3.2</td>
</tr>
</tbody>
</table>

17
The Air Force Budget for FY05 and FY06 shows a comparison of expenditures in billions:

**FY05**
- **Modernization**: $35.5B (37%)
- **Readiness**: $25.2B (26%)
- **People**: $32.4B (34%)
- **MILCON/MFH**: $2.9B (3%)

**FY06**
- **Modernization**: $35.1B (34%)
- **Readiness**: $29.9B (29%)
- **People**: $34.7B (34%)
- **MILCON/MFH**: $3.2B (3%)

Comparative differences:
- **Military Pay**: +$1.3B
- **Civilian Pay**: +$1.0B
- **Total People**: +$2.3B
- **Space Operations**: +$0.0B
- **Mission Support**: +$1.2B
- **Flying Operations**: +$3.5B
- **Total Readiness**: +$4.7B
- **MILCON**: -$0.1B
- **Family Housing**: +$0.4B
- **Total MILCON/MFH**: +$0.3B
- **RDT&E**: +$1.3B
- **Procurement**: -$1.7B
- **Total Modernization**: -$0.4B

The budget shows an overall increase of $6.9B from FY05 to FY06.
## Air Force Budget
### FY05 - FY06 Comparison

<table>
<thead>
<tr>
<th>Category</th>
<th>FY05</th>
<th>FY06</th>
<th>Change</th>
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</thead>
<tbody>
<tr>
<td>Military Pay</td>
<td>$1.3B</td>
<td></td>
<td>+$1.3B</td>
</tr>
<tr>
<td>Civilian Pay</td>
<td>$1.0B</td>
<td></td>
<td>+$1.0B</td>
</tr>
<tr>
<td>Inflation</td>
<td>-$1.0B</td>
<td></td>
<td>+$1.0B</td>
</tr>
<tr>
<td>Total Real Growth</td>
<td>$1.3B</td>
<td></td>
<td>+$1.3B</td>
</tr>
<tr>
<td>Space Operations</td>
<td>+$0.0B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mission Support</td>
<td>+$1.2B</td>
<td></td>
<td>+$1.2B</td>
</tr>
<tr>
<td>Flying Operations</td>
<td>+$3.5B</td>
<td></td>
<td>+$3.5B</td>
</tr>
<tr>
<td>Inflation/Fuel</td>
<td>-$1.2B</td>
<td></td>
<td>+$1.2B</td>
</tr>
<tr>
<td>Total Real Growth</td>
<td>+$3.5B</td>
<td></td>
<td>+$3.5B</td>
</tr>
<tr>
<td>MILCON</td>
<td>-$0.1B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Housing</td>
<td>+$0.4B</td>
<td></td>
<td>+$0.4B</td>
</tr>
<tr>
<td>Total</td>
<td>+$0.3B</td>
<td></td>
<td>+$0.3B</td>
</tr>
<tr>
<td>RDT&amp;E</td>
<td>+$1.3B</td>
<td></td>
<td>+$1.3B</td>
</tr>
<tr>
<td>Procurement</td>
<td>-$1.7B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inflation</td>
<td>-$0.7B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>-$1.1B</td>
<td></td>
<td></td>
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</table>

**MILCON/MFH**
- FY05: $2.9B (3%)
- FY06: $3.2B (3%)

**People**
- FY05: $32.4B (34%)
- FY06: $34.7B (34%)

**Readiness**
- FY05: $25.2B (26%)
- FY06: $29.9B (29%)

**Modernization**
- FY05: $35.5B (37%)
- FY06: $35.1B (34%)

**Taking Inflation Into Account, FY06 Has Real Growth of $4.0B**
FY04 - FY06 Comparison

- **Civilian Pay**
  - FY04: $8.2B (25%)
  - FY05: $9.2B (27%)
  - FY06: $9.2B (27%)

- **Military Pay**
  - FY04: $22.5B (74%)
  - FY05: $24.2B (75%)
  - FY06: $25.5B (73%)

+$2.3B from FY05 to FY06

Continues to Support Our #1 Resource – People!
FY06 Total Force

• Total force of 704,953
  • Military Total of 538,200 (-4,300)*
    • Active: 357,400 (-2,300)*
    • Guard: 106,800 (+100)*
    • Reserve: 74,000 (-2,100)*
  • Civilian total of 166,753 (+3,826)*

Endstrength Management

• Mil-to-Civ conversions: increases civilian billets to continue the emphasis on removing military from non-military jobs

* Change from FY05 to FY06
Background

• 5th year in a row military compensation raise exceeds Economic Consumer Index (ECI)

• Continues toward DoD’s goal of bringing military compensation closer to private sector

FY06 Funding

• Fully funds a 3.1% pay raise

• BAH rate for FY06 continues zero out-of-pocket expense for military members
Background

- FY06 civilian pay raise based on the Consumer Price Index for Wages (CPIW) as an economic measure for salary comparability

FY06 Funding

- Fully funds 2.3% pay raise

Our Civilian Personnel Are an Integral Part of Our Force
Readiness

**FY04 - FY06 Comparison**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Mission Support</th>
<th>Flying Operations &amp; Maintenance</th>
<th>Space Ops</th>
<th>Air / Logistics / Mobility Ops</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY04</td>
<td>$25.5B</td>
<td>$10.5 (41%)</td>
<td>$11.4 (45%)</td>
<td>$0.7 (3%)</td>
<td>$2.9 (11%)</td>
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<tr>
<td>FY05</td>
<td>$25.2B</td>
<td>$10.1 (40%)</td>
<td>$11.7 (47%)</td>
<td>$0.8 (3%)</td>
<td>$2.6 (10%)</td>
</tr>
<tr>
<td>FY06</td>
<td>$29.9B</td>
<td>$11.3 (38%)</td>
<td>$13.6 (46%)</td>
<td>$0.8 (3%)</td>
<td>$4.2 (13%)</td>
</tr>
</tbody>
</table>

Transfers from Procurement and Higher Prices Drive the Increases in FY06 Readiness
Background
• Space systems provide communication and situational awareness for joint decision makers at all levels

FY06 Funding
• Satellite communications, intelligence, and navigation for the warfighter
• Space launch capability
• Ballistic missile detection and defense

These Critical Space Operations Support Both Peacetime and Wartime Missions
Background

- Air Ops funds Squadron Ops, Range Ops, and Distributed Mission Operations training
- Logistics Ops funds worldwide transportation, logistics readiness and acquisition product centers
- Mobility Ops supports strategic and tactical airlift squadrons and war reserve material

FY06 Funding

- Transfer of authority so commanders can buy equipment they need ($440M)
- Adds Predator capability above the battlefield ($85M)

*Represents TWCF funding restoral per FY05 Defense Appropriation section 8123.
Background

- Provides funding that takes care of our airmen meeting the mission
- Ensures installations can support Air Force personnel and mission accomplishment
- Funds Officer Acquisition, Flight Training and Professional Development

FY06 Funding

- Funding increase includes new mission beddowns for C-17 and F/A-22
  - C-17 (Alaska, Hawaii and Oklahoma)
  - F/A-22 (Virginia, Florida and Nevada)
- To modernize equipment and infrastructure and develop capabilities needed to meet 21st century threats

Funding Profile

<table>
<thead>
<tr>
<th></th>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
</tr>
</thead>
<tbody>
<tr>
<td>$Billions</td>
<td>4.8</td>
<td>4.5</td>
<td>5.2</td>
</tr>
</tbody>
</table>

Funds Training and Critical Infrastructure Essential for Combat Operations
Background

- Enhances critical Air Force and DoD-wide communications, long range reconnaissance, and early warning systems to support the warfighter overseas and for Homeland Defense

FY06 Funding

- Increased funding ($402M) supports new warfighter and Intel capabilities for:
  - Network-centric warfare – Global Information Grid (GIG) Bandwidth Expansion and secure/non-secure network communications
  - Advanced air and space early warning detection for Homeland Defense
  - Increased emphasis on Unmanned Aerial Vehicles (UAVs) and C4ISR
  - Standardizes Air Operations Centers
Flying Operations & Maintenance

Flying Hour Program

Background

- Trains our aircrews to support joint warfighter and humanitarian operations
- Funds consumables, reparable spare parts and jet fuel

FY06 Funding

- The total increase in this area is caused by rising fuel prices ($0.8B)
- Funds 1.6 million flying training hours required to maintain combat readiness

Enables the Air Force to Deliver Unmatched Capability to Joint Warfighters Around the World

Funding Profile

- FY04: $6.1 Billion
- FY05: $5.8 Billion
- FY06: $6.6 Billion
Background

• Provides contract maintenance support to field operations

FY06 Funding

• Funding increase of $1.1B includes transfer from Interim Contract Support (ICS) to Contract Logistics Support (CLS) for C-17 and F/A-22

Contract Logistics Support Funds Specialized Expertise for the Warfighters
MILCON / Military Family Housing
FY04 - FY06 Comparison

FY04
$3.0B

$3.0
MILCON Congressional Add
$0.4 (13%)

MILCON PB
$1.2 (40%)

Family Housing
$1.4 (47%)

FY05
$2.9B

+0.3B

FY06
$3.2B

MILCON PB
$1.3 (41%)

MILCON Congressional Add
$0.4 (13%)

Family Housing
$1.9 (59%)

The FY06 Budget Is On Track to Improve Infrastructure and Eliminate Inadequate Housing
Total Force Military Construction (MILCON)

Background

- Balances critical new mission beddowns, force structure changes, and quality of life projects

FY06 Funding

- New Mission – 40 projects
- Current Mission – 48 projects
- Quality of Life (9 dorms, 2 fitness centers, 1 family support center)
- Funds design and minor construction

The Quality of Our Facilities, Infrastructure, and Communities Sends a Direct Signal to Our Men and Women Regarding the Value We Place on Their Service
Background

• AF MFH supports 89,767 units
• Funds construction, replacement, improvement, privatization, operations, maintenance, utilities, and leasing of family housing units

FY06 Funding

• Funds increased MFH construction to meet DoD housing goals
  Acquires (build/lease) 300 units
  Replaces 2,612 units
  Renovates 2,076 units
  3 privatization projects 2,253 units
  Total MFH 7,241 units
• AF will eliminate inadequate housing units in CONUS by 2007, (4 northern tier bases by 2008) and overseas by 2009

$1.9B Keeps Us on Track to Eliminate Inadequate Housing
Modernization/Transformation / Recapitalization
FY04 - FY06 Comparison

The Apparent Decrease of $0.4B is a Result of a $1.6B Transfer to O&M and Masks a Growth of $1.2B in the Investment Accounts
Background

- In FY04, contractor exceeded contract delivery requirements by 2 aircraft and unit price continues to decline
- Provides the Joint Force with air dominance 24/7, operational access forward, homeland and cruise missile defense for the next 20+ years
- No substitute exists to buy back contested airspace that enable Joint Operations
- Testing complete —IOC Dec 2005

FY06 Funding

- Completes engineering and manufacturing development and enhances air-to-ground capability
- Funding buys 25 aircraft and funds long lead items for 29 aircraft
- $500M transferred from ICS to CLS and funding reflected in O&M readiness

The F/A-22 is Here Today and Assures Air Dominance for the Future!
Buying Back the Battlespace – Our Legacy Systems Face An Increasingly Dangerous Threat Environment—Air Dominance Cannot Be Assumed!

The Proliferation of Advanced Fighters, Sophisticated Air Defense Systems, and Cruise Missiles Is Changing Our Ability to Affect the Battlespace
Buying Back the Battlespace –
This Is What The Threat Looks Like To The F/A-22

The F/A-22’s Combination of Stealth, Supercruise, and Lethality Allows It To Take Out Threats That Can Impact Our Other Joint Platforms – and Provides Transformational Air Dominance Capability for the 21st Century
Background

- Next generation strike aircraft
- Conventional, carrier, and short take-off and vertical landing
- Joint AF, Navy, Marine Corps, and International Program
  - 8 international partners and over $4.5B in support

FY06 Funding

- Continues development program
- Begins conventional take-off and landing flight tests
- Funds initial long lead items for 5 aircraft

The F-35 Is Scheduled to Reach Its Initial Operating Capability in 2013
Global Hawk

Background

- **Unmanned, high altitude, long range aircraft for reconnaissance and persistent theater surveillance**
- **Highly effective in Afghanistan and Iraq**

FY06 Funding

- **Procures 5 air vehicles/sensors and 1 ground station; funds advanced procurement for 6 air vehicles in FY07**
- **RDT&E continues spiral development capabilities**

Global Hawk Provides Unique Capabilities to Respond and Persist—Denies the Enemy Sanctuary
Background

- Major contributor in GWOT
- Equipped with multiple sensors capable of transmitting near real-time imagery
- Weaponization incorporates a laser designator and Hellfire missile capability

FY06 Funding

- Procures 7 Predator As and 2 Predator Bs
- Procures ground control system, satellite comm system, and spares / support equipment
- Procures 378 Hellfire missiles in FY06
- Continues Predator B development

Funding Profile

<table>
<thead>
<tr>
<th>Year</th>
<th>Procurement</th>
<th>RDT&amp;E</th>
<th>Adds</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY04</td>
<td>215</td>
<td>16</td>
<td>40</td>
</tr>
<tr>
<td>FY05</td>
<td>195</td>
<td>83</td>
<td>31</td>
</tr>
<tr>
<td>FY06</td>
<td>194</td>
<td>161</td>
<td>61</td>
</tr>
</tbody>
</table>

Production:
- FY04: 13
- FY05: 9
- FY06: 9

Adds:
- FY04: 2
- FY05: 18
- FY06: -
**Background**

- **Joint capability demonstration program** to develop, demonstrate, and transition affordable, lethal, survivable and supportable Unmanned Combat Air Vehicle technologies to the USAF and USN

**FY06 Funding**

- Continues capability demonstration program to investigate the technical feasibility, military utility and operational value of UCAVs

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**Funding Profile (AF)**

- **FY04**: $163
- **FY05** *(In FY05, RDT&E moved from USAF to DARPA)*: $350
- **FY06** *(In FY06, RDT&E moved back to USAF from DARPA)*:**

*J-UCAS Will Provide Persistent Strike Anywhere on the Globe*
Background

- Wide-body aircraft capable of airlifting over/outsized cargo world-wide
- Capable of inflight refueling
- Provides rapid direct delivery of forces and cargo -- airdrop and landing on unimproved airfields
- Proved invaluable in OEF/OIF

FY06 Funding

- Fully funds 15 C-17s
- $228M procures long lead items for 7 FY07 aircraft buy – pending outcome of Mobility Capability Study
- $600M transferred from ICS to CLS and funding reflected in O&M readiness
Background

- USAF multi-year program terminated at 15 of the planned 42 aircraft buy under this contract
- No USAF aircraft buys after FY05

FY06 Funding

- Procures spares and GATM mods for remainder of C-130J fleet

Further Analysis of the Intratheater Airlift Requirement Will Be Addressed in the Joint Staff Intratheater Airlift Analysis, Mobility Capabilities Study, and QDR
Background

- First generation of truly integrated C4ISR and networking of manned and unmanned platforms
- Includes next generation of Ground Moving Target Indicator (GMTI) providing a near real-time horizontally integrated view of the battle space
- Nation’s best future capability against cruise missiles
- The Air Force strongly supports machine-to-machine networking and integration with Space Radar

FY06 Funding

- Focuses on technology and risk reduction with emphasis on demonstrating a cruise missile defense capability
- Continues sensor development efforts and battle management command & control risk reduction

E-10A is a “Hub” of Transformational Effort to Provide Interoperable Joint C4ISR for Dynamic Battle Space Management
Background

- **Will be the single space radar system for DoD and the Intelligence Community**
- **Restructuring program to address Congressional concerns**

FY06 Funding

- A **demonstration radar satellite developed and launched by FY08**
  - **Will validate costs and technology maturity as well as concept of operations and user utility**
- **Initial Launch Capability in FY15**

**Part of an Integrated Mix of Manned, Unmanned, and Space Moving Target Indicator Assets**
Background
- Consists of a 5-satellite constellation with laser cross links
- Will provide warfighter wideband, protected, and strategic comm
- Will support ground forces comm-on-the-move users & Airborne ISR requirements

FY06 Funding
- Funds technology development and engineering design activities
- Responds to Congressional concerns:
  - Extends preliminary design nearly 1 year; allows technology development
  - Moves 1st launch from 1QFY12 to 2QFY13
- Enables two space segment contractors to reach System Design Review -- in prep for down selecting to 1 prime contractor in late FY06

Laser Comm in Space that Works Like the Internet—Enables DoD Network-Centric Warfare
**Background**
- Follow-on to MILSTAR
- Provides assured satellite communications for command and control and support of joint warfighters
- First launch planned for 3rd Qtr FY08
- Provides the bridge between MILSTAR and TSAT

**FY06 Funding**
- Provides funds for full procurement of Satellite 3
- Funds additional development to address cryptographic/information assurance issues
- Funds payload production & integration of satellites

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**Advanced EHF**

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**Next Generation Strategic and Tactical Satellite Communications for Warfighters**
**Evolved Expendable Launch Vehicle (EELV)**

**Background**
- Replaces legacy launch vehicles with two launch service providers (Boeing-Delta IV and Lockheed Martin-Atlas V)
- Foundation of assured access to space

**FY06 Funding**
- Funds five launch services
- Two vehicle designs for assured access
- Continues GPS metric tracking development

**Funding Profile**

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*EELV is the Next Generation Space Superiority Launch System*
The $102.9B in the FY06 Budget Directly Contributes to Making the Whole Joint Team Better

**Persistent C4ISR**
See First, Understand First, Act First

**Global Mobility**
Move People & Equipment Around The World Quickly – The Right Force, Anywhere, Any Time

**Rapid Strike**
Precise, persistent, and survivable capability—able to produce tactical, operational, and strategic effects

- **Air Superiority**
- **Cruise / Ballistic Missile Defense**
- **24/7 All Weather Interdiction**
- **Global Strike**
- **Battlefield Airmen**
- **Force Multiplier of Distributed Ground Units**
- **High Value Targets**

- **Combat Support**
- **SOF Mobility**
- **Humanitarian Relief Operations**
- **Intra-Theater Airlift**
- **Joint Refueling**
- **Airdrop**
- **173rd Brigade**

- **Direct, Strategic Deployment**
- **Air Superiority**
- **Missile Warning**
- **CAOC**
- **OEF/OIF: Airspace**
- **24/7 Command and Control, GPS Blue-Force Tracking**
- **UAVs**
- **Responsive Reconnaissance**
- **Tracking Mobile Targets**
- **Airborne Early Warning**
- **Weather**
- **Aeromedical**
- **Combat Support**

... Enabling Us to Execute the Air Force Core Missions