Headquarters U.S. Air Force

Integrity - Service - Excellence

FY08 President's Budget "We Are America's Airmen"



Maj Gen Frank Faykes
Director, Air Force Budget
5 Feb 07



FY08 President's Budget

- Your Air Force Today
- Fiscal Challenges
- FY08 President's Budget
 - Baseline Budget
 - Global War on Terror Request



AF Leadership Priorities





- Fighting and Winning the Global War on Terror
- Developing and Caring for Airmen and Their Families
- Recapitalizing and Modernizing
 Aging Aircraft and Spacecraft



Global Engagement for Combatant Commanders

53% of Active Duty and 40% of Total Force "on line" for COCOM Operations 213K Airmen Engaged Every Day



Strategic Mobility Forces
Space and Missile Forces
Homeland Defense
Persistent C4ISR



Forward Based
61,000
Pacific Air Forces
US Air Forces Europe

Steady State

Rotational Support

22,000

NORTHCOM,
SOUTHCOM, EUCOM,
PACOM, CENTCOM

(Operating at 16 Bases and
Flying Aircraft at 10)







Fighting the War on Terror AF Activities Since 9/11

430,000 sorties flown in Afghanistan and Iraq in support of GWOT

- AF flies 82% of all OIF sorties and 78% of all OEF sorties
- ■86,000 Close Air Support sorties
- ■800 Strike sorties in the past 6 months
- 200 total sorties per day

250+ aircraft provide:

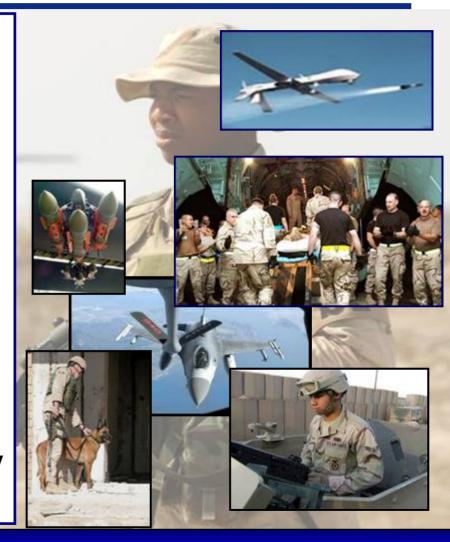
- Inter/Intra-Theater Airlift
- Refueling and C4ISR
- ■18,000 Aeromedical Evacuation missions

38,000 guided and non-guided munitions expended to date

■ Fired ~650,000 rounds

7,700 Airmen committed to non-traditional taskings

 Detainee Operations, Interpreters, Convoy Operations, Explosive Ordnance Disposal and Police Training





Your Air Force Other Operations at Home and Abroad

HOMELAND DEFENSE

100% of Operation NOBLE EAGLE sorties—fighter, refueling and early warning





NORTHWEST U.S. ARC C-130s make fire retardant air drops over

Northwest

HOMELAND RESPONSE

Disaster warning—flying 100% of all DoD Hurricane Hunting (AFR)



LEBANON American Citizens board MH-53 in Beirut evacuation ops

PHILIPPINES

C-130s and C-17s transported equipment and supplies to mudslide victims



ALASKA

Northern Edge 2006 joint training
Total Force exercise
First ever deployment of F-22A





ECUADOR AWACS and KC-135 refuel in support of counter-narco terrorism



Aircraft Losses

X	Aircraft	Contingency Losses	Non- Contingency	Arres
	Fighters	4	44	X
4	Bombers	1	0	1/
	Helicopters	2	3	A
	Transport/Mobility	10	6	7 }
	Unmanned ISR	30	6	1/1
1	Manned ISR	1	1	
1	Trainers	0	19	
	Total	48	79	
		VI		Shot
(-X)			A A A	TA



Leading the Fight Today Challenges to Air and Space Dominance

- While globally engaged, we must simultaneously prepare for the future
- We're meeting commitments today; we are concerned about emerging threats:
 - Proliferation of integrated air defense systems
 - Growth of 4th generation combat aircraft world-wide
 - Proliferation of low observable land cruise missiles
 - Threats to our ability to leverage space and cyberspace
- Recapitalization is an urgent national security need









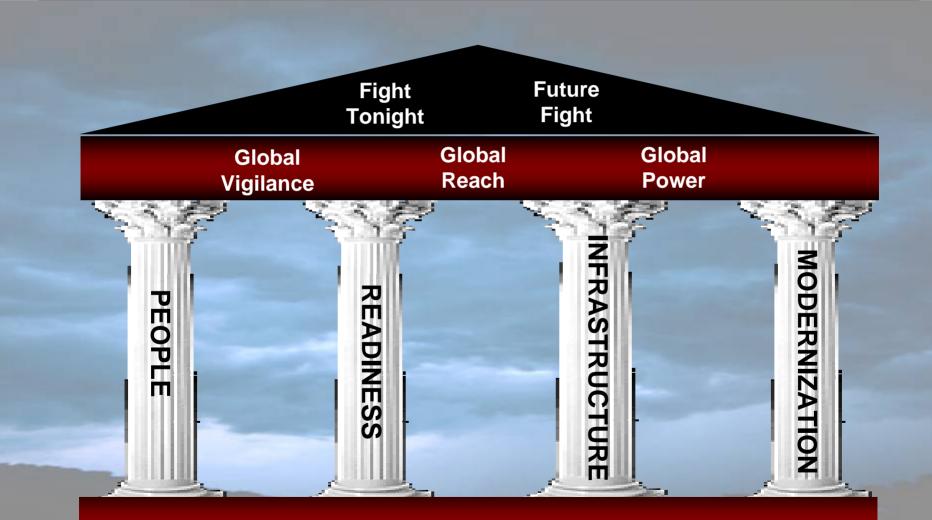


FY08 President's Budget

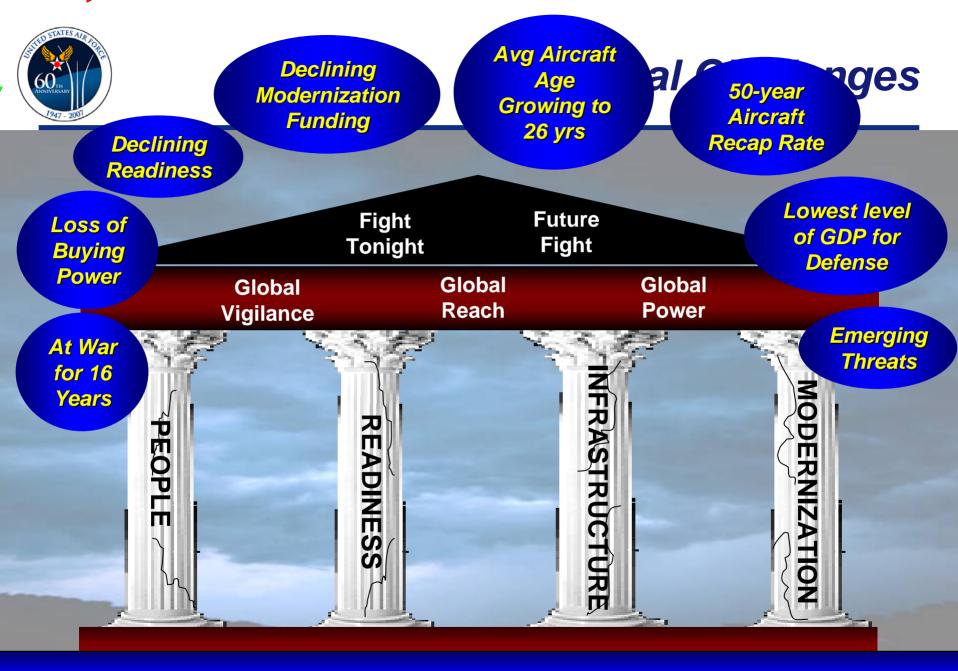
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Fiscal Challenges



Our Success Depends on the Strength of our Pillars. However...



... Fiscal and Operational Pressures are Stressing the Foundation





Rising Personnel Costs

Rising Costs of Fleet Operation

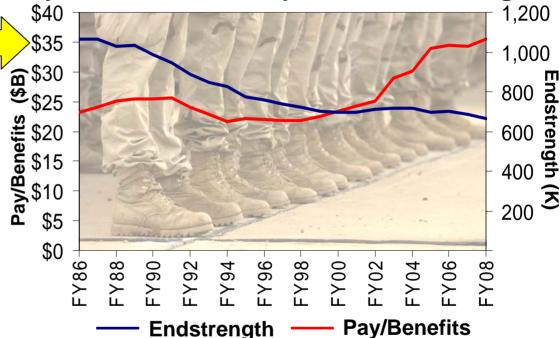
Modernization Costs

Aging Aircraft Inventory

Readiness

GDP Spending on Defense





Personnel Costs Continue to Rise; Up 57% Over Last Ten Years While Personnel Endstrength Decreased 8%





Rising Personnel Costs

Rising Costs of Fleet Operation

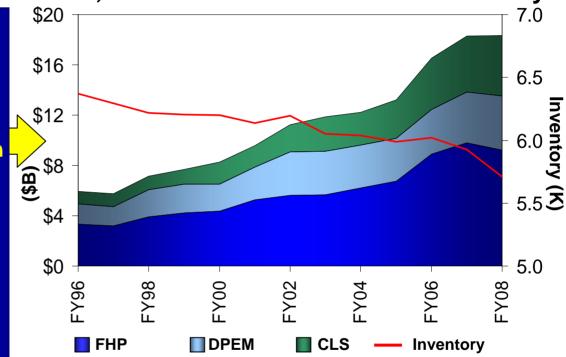
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Aging Aircraft Inventory

Readiness

GDP Spending on Defense

DPEM, CLS and FHP with Aircraft Inventory

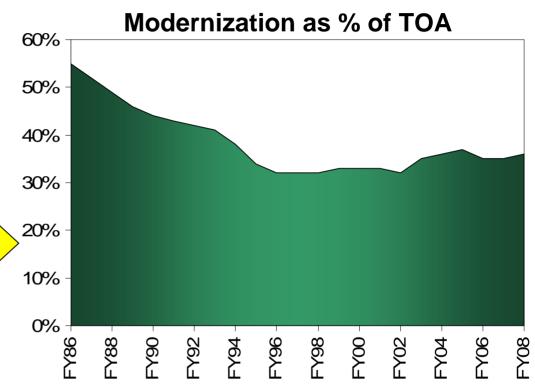


Operating Costs up 179% Over Last Ten Years and Continue to Stress our Ability to Recapitalize

Includes GWOT Funding

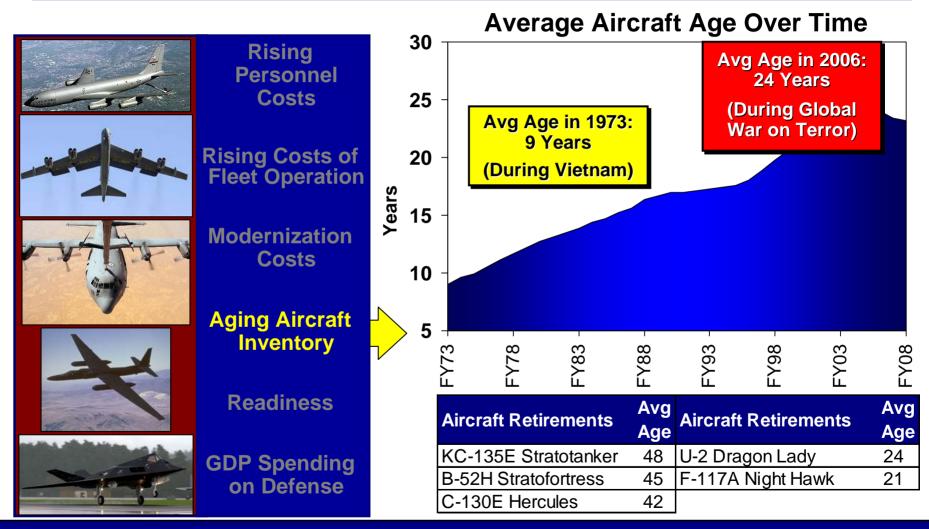






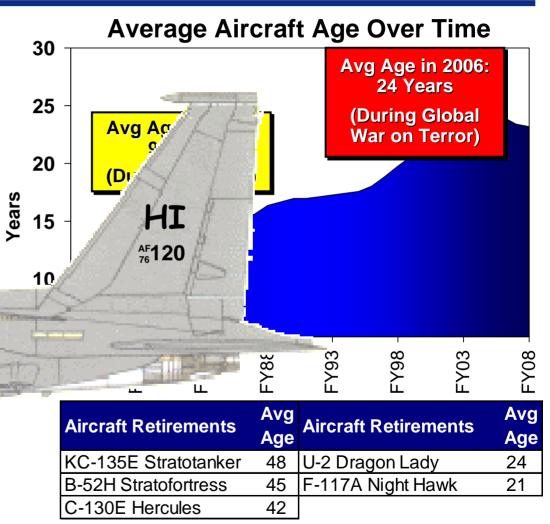
Investment Funding Has Declined 19% Over the Past 22 Years as a % of AF TOA





















Rising Costs of Fleet Operation

Modernization

Costs





Readiness













Rising Personnel Costs

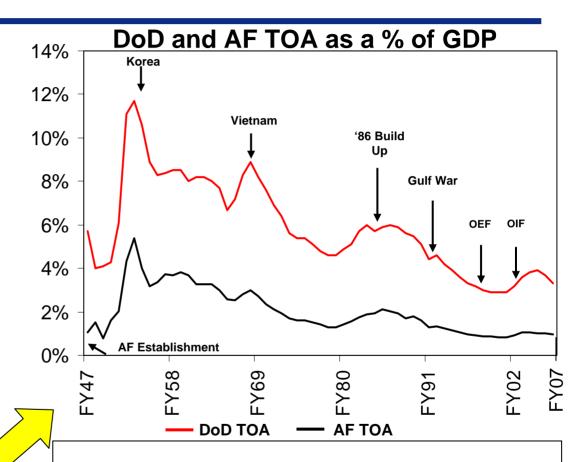
Rising Costs of Fleet Operation

Modernization Costs

Aging Aircraft Inventory

Readiness

GDP Spending on Defense



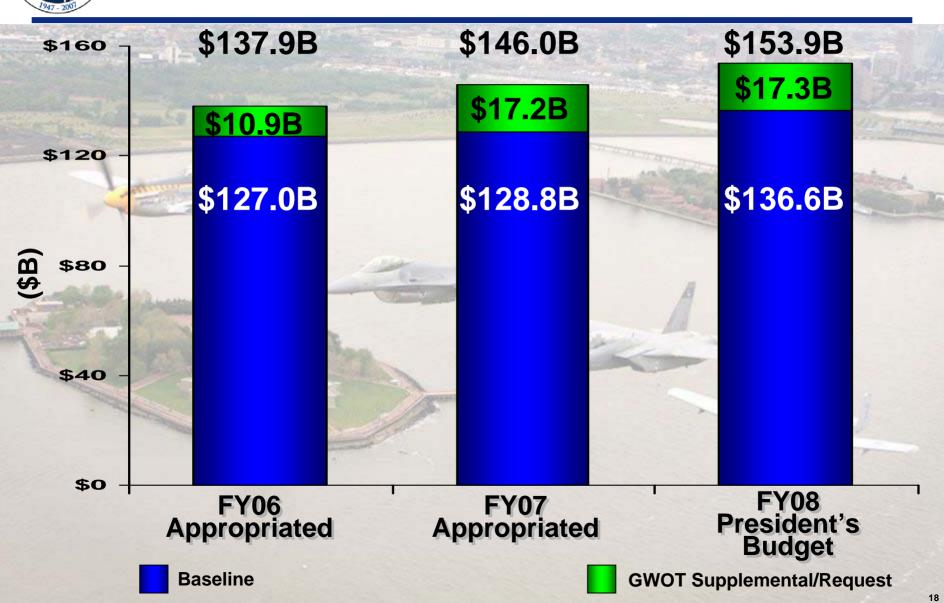
Lowest Level of Defense Spending as a Percent of GDP...



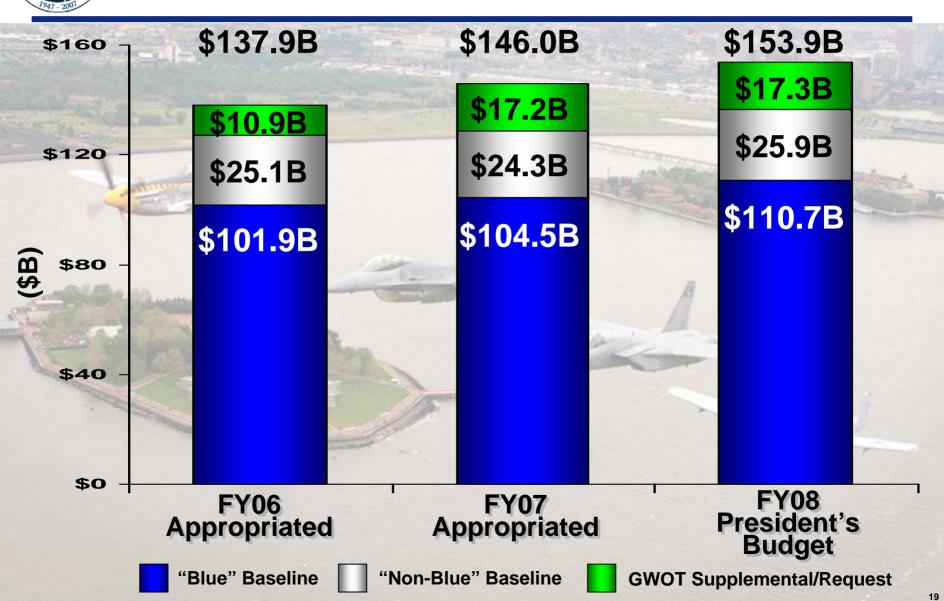
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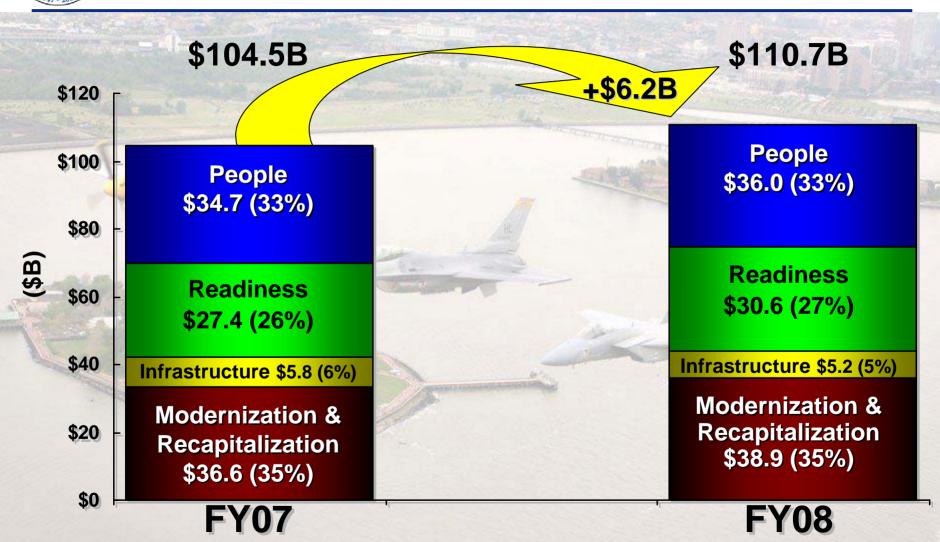




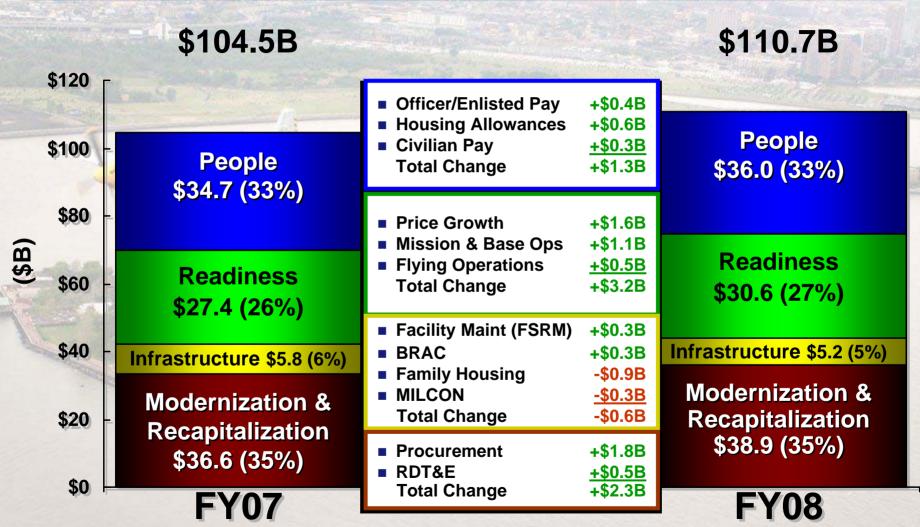
















	FY07	FY08	
(\$B)	Appn	PB	Delta
Officer/Enlisted Pay	\$22.5	\$22.9	\$0.4
Housing Allowance (BAH)	\$3.0	\$3.6	\$0.6
Civilian Personnel Pay	<u>\$9.2</u>	<u>\$9.5</u>	\$0.3
Total	\$34.7	\$36.0	\$1.3

Highlights

- Maintains our commitment to take care of our people
 - 3% pay raise for Military and Civilian personnel
 - Military Pay +\$344M, Civilian Pay +\$210M
- BAH average rate increased 4%; privatizing +26K units by EOY FY08
- Total Force Endstrength: 671,694 (-11,639 from FY07)
- Recruiting/retention bonuses focused on critical skill sets (\$649M)



People Endstrength

■FY08 Total Force: 671,694

■ Military: 502,800 (-13,300)

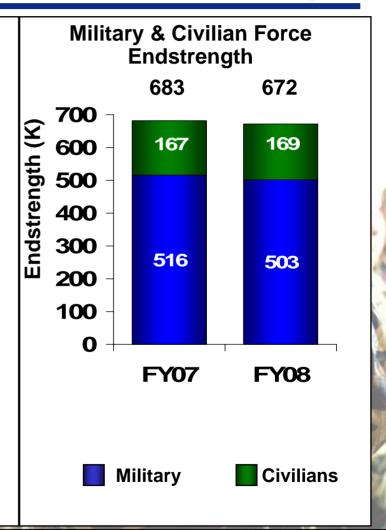
■ Active: 328,600 (-5,600)

■ Guard: 106,700 (-300)

■ Reserve: 67,500 (-7,400)

■Civilian: 168,894 (+1,661)

- AF reducing 65K personnel from FY04 through FY09
- Air Force Smart Operations for the 21st Century – AFSO21:
 - Centralization of Service Delivery Personnel Services, Financial Operations, Legal Claims
 - Logistics consolidation Global Logistics
 Support Center, Repair Enterprise 21
- Military-to-Civilian conversions continue





People Recruiting, Retention, Bonuses

- **■** Strong recruiting results
 - Meeting FY07 goals of 43K; expect to recruit 43K in FY08
- **■** Stronger force retention results
 - Meeting FY07 overall goals key warfighting skills stressed
 - FY08: will continue to focus on retention of critical skills
- FY08 budget includes nearly \$649M in recruiting, retention bonuses to <u>train</u> and <u>retain</u> Critical Skills
 - Major programs include:
 - Initial Enlistment / Selective Reenlistment Bonuses
 - Aviator Continuation Pay
 - Professional Special Pays
 - Foreign Language Proficiency Pay
 - Increasing Regional Affairs & POL-MIL Affairs Strategists



Readiness

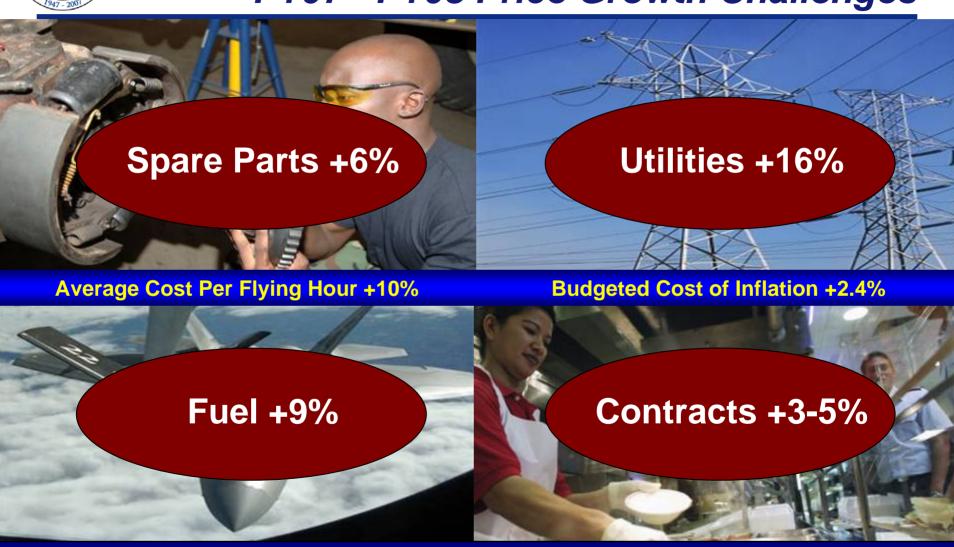
	FY07	FY08	
(\$B)	Appn	PB	Delta
Flying Operations	\$13.8	\$14.9	\$1.1
Mission & Base Operation	ns \$11.3	\$13.0	\$1.7
Space Operations	\$1.3	\$1.4	\$0.1
Communications	<u>\$1.0</u>	<u>\$1.3</u>	<u>\$0.3</u>
Total	\$27.4	\$30.6	\$3.2

Highlights

- Trains aircrews with 1.8M flying hours, maintains fleet of over 5,700 aircraft
- Funds 84 major installations, 81 combat wings, and production of 1,100 pilots
- Develops Airmen for expeditionary environment
- Conducts space control and satellite operations of over 140 DoD and National Satellites and operates 2 space lift ranges
- Provides global, seamless command and control; interoperable communications
- Readiness eroded by \$1.6B in price increases
- 2+ AEF commitment since 9/11; unit operational readiness down 17%



Readiness FY07 - FY08 Price Growth Challenges



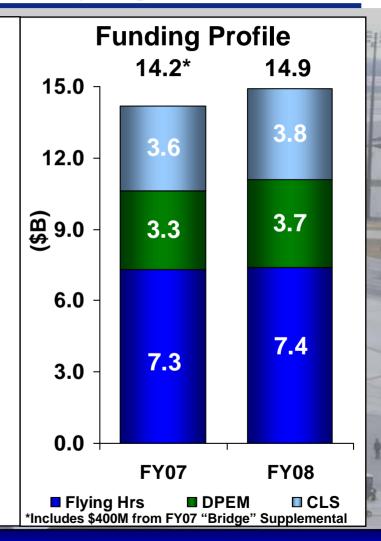


Readiness Flying Operations

Background

 Provides aircrew combat training, maintenance and repair, parts, and aviation fuel to support joint warfighter and humanitarian operations

- Supports 1.5M Flying Hours (\$7.4B)
 - ■10% reduction from FY07
 - Increased use of Simulators
- Depot Purchased Equipment Maintenance (DPEM) (\$3.7B)
 - Funds 74% of requirement
 - Defers 50 airframes and 91 engines
- Contract Logistics Support (CLS) (\$3.8B)
 - Funded at 75% (increases to F-22A, C-130J, KC-10, U-2 and training aircraft)
 - Accepts reductions in spare parts and engine repairs



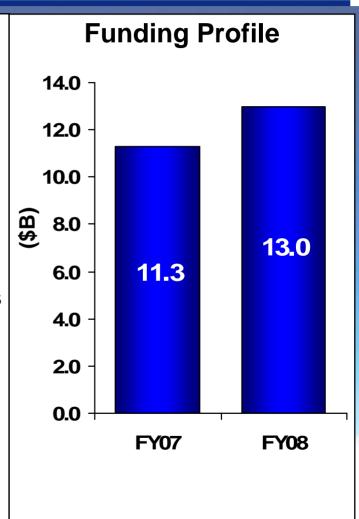


Readiness Mission & Base Operations

Background

 Provides capabilities to organize, train and equip our Airmen with wartime capabilities for Combatant Commanders

- FY07—accepted risk and negative real growth to accelerate recapitalization
- FY08—restores baseline to minimum-required levels (+\$791M)
- Price growth increases (+\$901M)
- Base Support for 81 Wings / 84 Major Installations (\$10.4B)
- Military Training/Combat Ranges (\$1.7B)
 - Expanded BMT, language skills and exercises
- Executive Agent for 5 Combatant Commands (\$590M)
- Environmental Compliance / Remediation (\$235M)
- Operating 144 Child Development Centers and 1,246 Dormitories (\$75M)



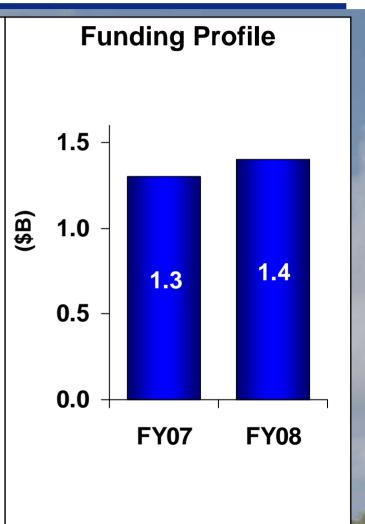


Readiness Space Operations

Background

■ Provides for a constellation of systems that supports communication, navigation, intelligence, missile detection and situational awareness for joint decision makers at all levels

- Operates over 140 DoD and National Satellites (\$498M)
- Funds 450 Minuteman III Missiles and BMEWS Early Warning System (\$520M)
- Funds two space lift ranges in California and Florida (34 launches) (\$338M)
 - •Includes civil, commercial and DoD launches
- Supports the Space Innovation & Development Center (\$27M)



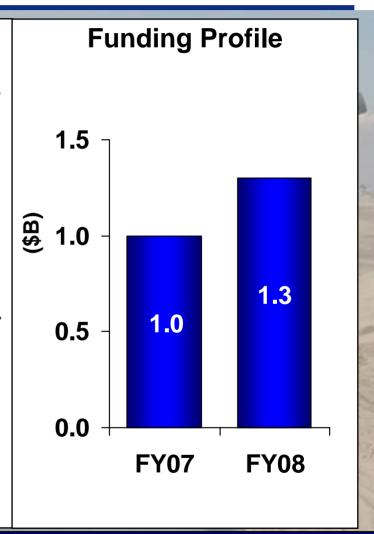


Readiness Communications

Background

- Key enabler in shortening the "kill chain"; compresses time needed to find, fix, track, target, engage and assess targets
- Cyberspace is a domain where our forces have peer competitors

- Global Distributed Command & Control right information to the right people at the right time
- Increased battle space awareness real time information directly to the battlefield
- Cyberspace capability key to wining war on terror
- Reliable, responsive and robust infrastructure and battlespace connectivity in air and space (\$868M)
- On-Demand Global Connectivity (\$320M)
- Reliable / Secure Assured Communications (\$69M)
- High-priority nets for strategic missions (\$61M)





Infrastructure

	FY07	FY08	
(\$B)	PB	PB	Delta
MILCON	\$1.3	\$1.0	-\$0.3
Facility Maintenance	\$1.6	\$1.9	\$0.3
Family Housing	\$1.9	\$1.0	-\$0.9
BRAC	<u>\$1.0</u>	<u>\$1.3</u>	<u>\$0.3</u>
Total	\$5.8	\$5.2	-\$0.6

Highlights

- 62 MILCON projects (8 GWOT, 43 Modernization, 9 Care of People and 2 for storm damage)
- Provides 88,000 housing units for AF personnel and their families, eliminating inadequate houses and exceeding privatization goals
- BRAC reshaping AF physical plant through 7 closures and 59 realignments
- Maintains infrastructure plant worth over \$200B

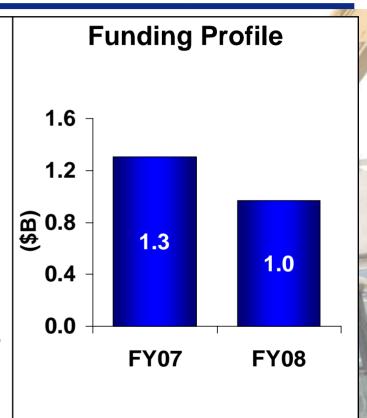


Infrastructure Military Construction (MILCON)

Background

 Construction funds focus on leadership priorities and new weapon systems beddowns

- GWOT projects (\$150M)
 - Basic Expeditionary Training, Al Udeid Hangar, Joint Intelligence Center, CENTCOM HQ
- Modernization projects (\$534M)
 - Mission beddowns: F-35A, F-22A, C-17, DCGS, CSAR and EC-130
 - Joint Ops: TACPs at Fort Carson, Fort Riley,
 Fort Indiantown Gap, Camp Beauregard
 - Depot Modernization: Hill, Tinker, Robins AFBs
- Care of People (\$115M)
 - 3 Dorms, Fitness Center, Child Development Center, AFA Facility, Security Forces and Fire Training Facilities
- Storm Damage: Eglin AFB Test Range (\$84M)
- Planning and Design / Minor Construction (\$87M)



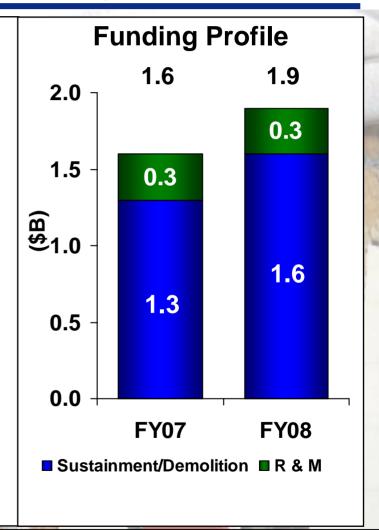


Infrastructure Facility Maintenance

Background

- Funds Sustainment, Restoration and Modernization projects for real property, aircraft maintenance complexes, aircraft runways, roads and dormitories
- Sustains infrastructure plant worth more than \$200B

- Increased investment in sustainment offsets a reduced MILCON program
- Mitigates FY07 funding risk
- Sustainment funds preserve our existing investment in facilities and infrastructure
- Restoration and Modernization focused on mission infrastructure



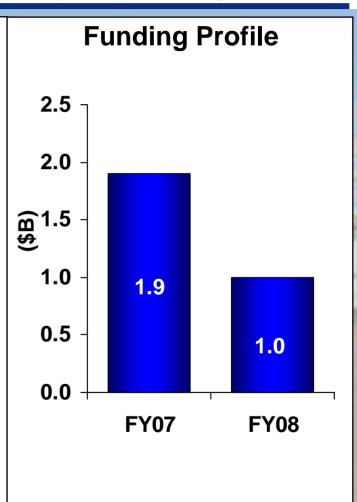


Infrastructure Military Family Housing (MFH)

Background

- AF MFH supports 88,000 units construction, replacement, improvement, privatization, operations, maintenance, utilities and leasing of family housing units
- AF privatizing 44,600 units 72% of units in U.S. and U.S. territories
- Constructs / improves 2,100 units at 8 Overseas locations

- Housing construction costs decrease due to privatization, demolition and renovation of remaining inventory (-\$900M)
- Remaining funds replace and improve overseas inadequate houses (\$363M)
- Continues maintenance of 37,400 AF-owned houses (\$688M)
- Leverages private investor funding for quality housing faster to our Airmen



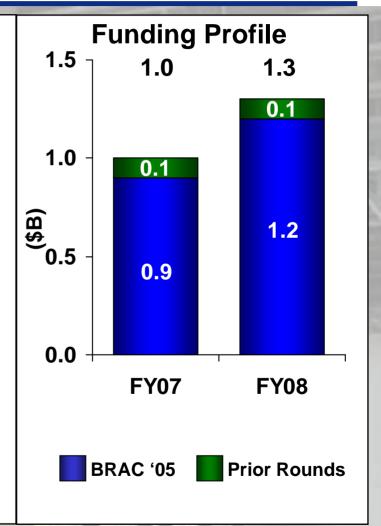


Infrastructure Base Realignment and Closure (BRAC)

Background

- FY05 Base Realignment and Closure
 - Approved Nov 05
- Supports 7 closures, 59 realignments
- Includes 51 major construction projects
- BRAC approved 12 Joint Bases; 10 AF bases affected AF leading 6 joint basing projects

- **BRAC** '05
 - Planning & Design, MILCON \$908M
 - O&M, Personnel, Environmental \$274M
- Funding from 4 prior BRAC rounds \$143M





Modernization and Recapitalization

	FY07	FY08	
(\$B)	Appn	PB	Delta
RDT&E	\$17.9	\$18.4	\$0.5
Procurement: Aircraft	\$11.6	\$12.4	\$0.8
Missiles	\$3.2	\$4.0	\$0.8
Equipment	\$2.8	\$3.2	\$0.4
Ammunition	<u>\$1.1</u>	<u>\$0.9</u>	<u>-\$0.2</u>
Total	\$36.6	\$38.9	\$2.3

Highlights

- Top 5 Acquisition Priorities:
 - KC-X development to replace aging legacy tanker fleet
 - Combat Search and Rescue develops HH-47 as new CSAR helicopter
 - Space Early Warning and Comm Satellites SBIRS advance procurement (GEO-3 and HEO-3&4) and integration/testing of GEO-1&2; TSAT risk reduction and tech development (first launch in FY16)
 - F-35A Lightning II continues fifth generation fighter development
 - Next Generation Long Range Strike 3-phase program to field a new bomber by 2018

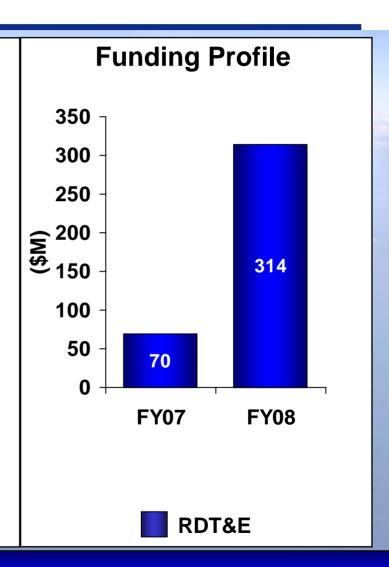


KC-X Program

Background

- AF's #1 Acquisition Priority
- Begins recapitalization of KC-135 fleet
- Average age of KC-135E fleet is 48 years
- AF has a transparent and competitive tanker replacement program to replace approximately 1/3 of the current tanker fleet
- KC-X will be able to refuel Air Force, Navy and Allied aircraft on every mission using boom and hose/drogue refueling
- CNS/ATM capability will ensure worldwide flight ops at all times in all civil and military airspace
- Projected Buy = 179
- *IOC FY13*

- Supports competitive acquisition of commercial derivative tanker
 - Contract award before end of 2007



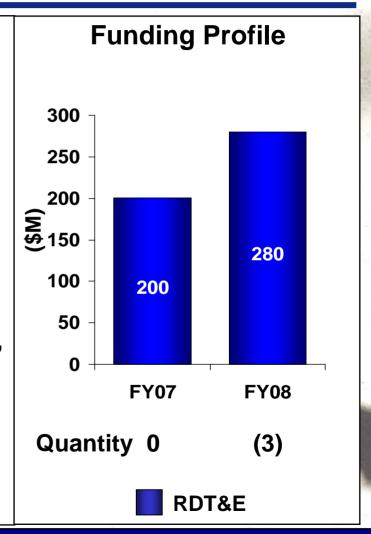


HH-47 CSAR

Background

- Next generation Combat Search and Rescue (CSAR) aircraft –replacement for HH-60 Pave Hawk
- CSAR Block 0—fields increased CSAR:
 - Capabilities in range, speed, payload, survivability, high altitude and hover operations
- Procurement buy 141 helicopters
- Block 0 IOC FY12

- Develops non-recurring engineering, software, integration, testing and certification of the CSAR mission components
- Funds three Block 0 Test Vehicles items for near-term requirements



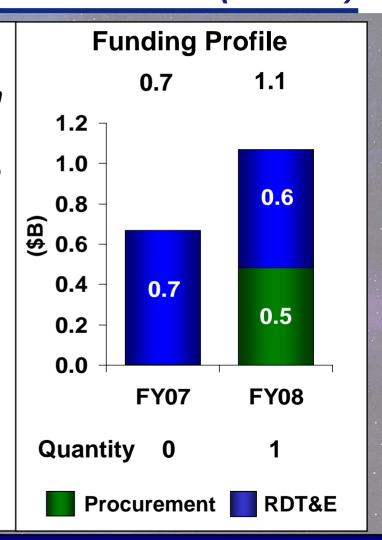


Space Based Infrared System (SBIRS)

Background

- Replaces Defense Support Program provides robust early warning of ballistic missile attack on the U.S., deployed forces and allies
- Increases capability supports missile defense, battlespace awareness and technical intelligence missions
- HEO-1 payload on-orbit and meeting/exceeding requirements
- Alternative Infrared Satellite System (AIRSS) initiated as an alternative to GEO-3

- Funds development, integration and test of GEO 1 & 2 satellites and supporting ground system
- ■Includes advance procurement for GEO-3 and HEO-3 & 4
- GEO-1 delivered FY08; FY09 launch



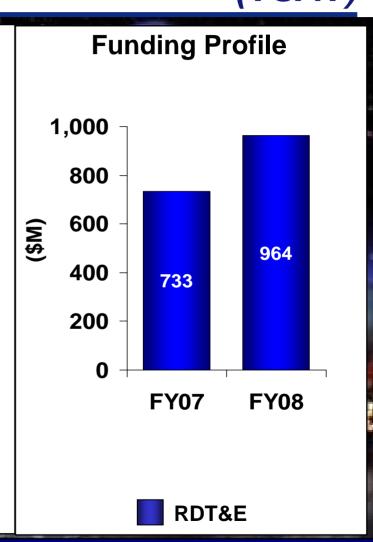


Transformational SATCOM (TSAT)

Background

- Five satellite constellation incorporating lasercom and internet protocol based networking
- Program utilizes a block (incremental) approach
- Reduces cost and schedule risk in developing leading edge technology
- Capabilities will meet Army and COCOM needs for Battle Comm-on-the-Move
- TSAT needed for many future ISR platforms
- First launch: 1st QTR FY16

- Continues engineering design activities and testing of technologies to reduce risk
- Continues technology maturation for multi-access lasercom & improved processor technology
- Completes system design review for 1st satellite
- Completes Space Segment Source Selection and award single development & production contract



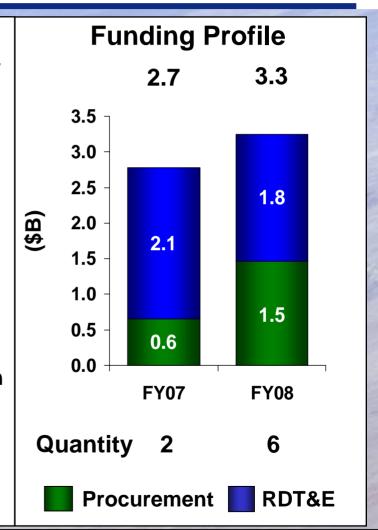


F-35A Lightning II

Background

- Fifth generation stealthy, multi-role strike aircraft
- Variants include 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
- Replaces preponderance of our fighters
- Projected Air Force buy 1,763 Aircraft
- IOC FY13

- Continues System Development & Demonstration (SDD) effort
- LRIP lot 2 funding for 6 CTOL aircraft
- LRIP lot 3 advance procurement for 8 CTOL aircraft (FY09)





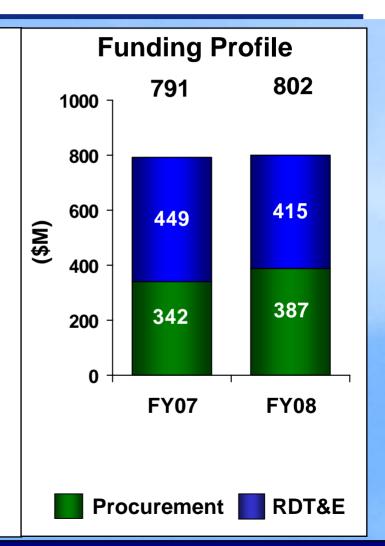
Next Generation Long Range Strike

Background:

- Air Force 3-Phased Strategy
 - Phase I: Continue to modernize legacy bombers to improve capability and reliability
 - Phase II: Develop/field next generation bomber by 2018 by leveraging all available technology development efforts
 - Phase III: Field transformational advanced technology capability in 2035 timeframe
- The AoA will determine specifications for the next generation platform; such as whether it will be manned or land-based

FY08 Funding:

 Continues investment in key modifications to improve existing bomber capability





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The Air Force Budget GWOT Request





The Air Force Budget GWOT Request

FY08	Total
Investment / RDT&E	5.4
O&M	10.4
MILPERS	1.5
MILCON	-
Total (\$B)	17.3





Highlights

Daily Operations	\$11.9B
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Aircraft Replacement

■ 12 C-130J (Stressed) \$934M

■ 5 CV-22 (Losses) \$493M

■ 3 C-130J (Losses) \$233M

■ 1 F-35A (Losses) \$189M

2 MC-130J (Recap) \$188M

Bomber Mods \$271M

- A-10 PUP \$230M

F-15 AESA \$134M







The AF Has Been Engaged in Continuous Combat Operations for Over 16 Years and Will Remain in SW Asia Long After Ground Forces Have Departed

The United States Depends on Air, Space & Cyberspace Power to an Extent Unprecedented in History

Fiscal Constraints Challenge Our Ability to Ensure Dominant Air and Space Power For the 21st Century Within Available Resources with Increasing Risk

We Are Ready and Engaged Today, But Our Nation Must Invest to Ensure Tomorrow's Air, Space & Cyberspace Dominance

HERITAGE TO HORIZONS: COMMEMORATING 60 YEARS OF AIR & SPACE POWER

OCTOBER 2006 - NOVEMBER 2007

