

# ***Headquarters U.S. Air Force***

---

*Integrity - Service - Excellence*

## **The United States Air Force**



**U.S. AIR FORCE**

---

**13 Jun 11**



U.S. AIR FORCE

---

# Our Mission

A large, semi-transparent collage in the background of the slide. It features a central image of the Earth from space, surrounded by various aircraft in flight, including fighters and bombers. At the bottom of the collage, there are silhouettes of people, possibly a crew or ground crew, and a ground vehicle. The overall theme is global reach and operational readiness.

**“The mission of the United States Air Force is to *fly, fight and win...*in air, space and cyberspace.”**

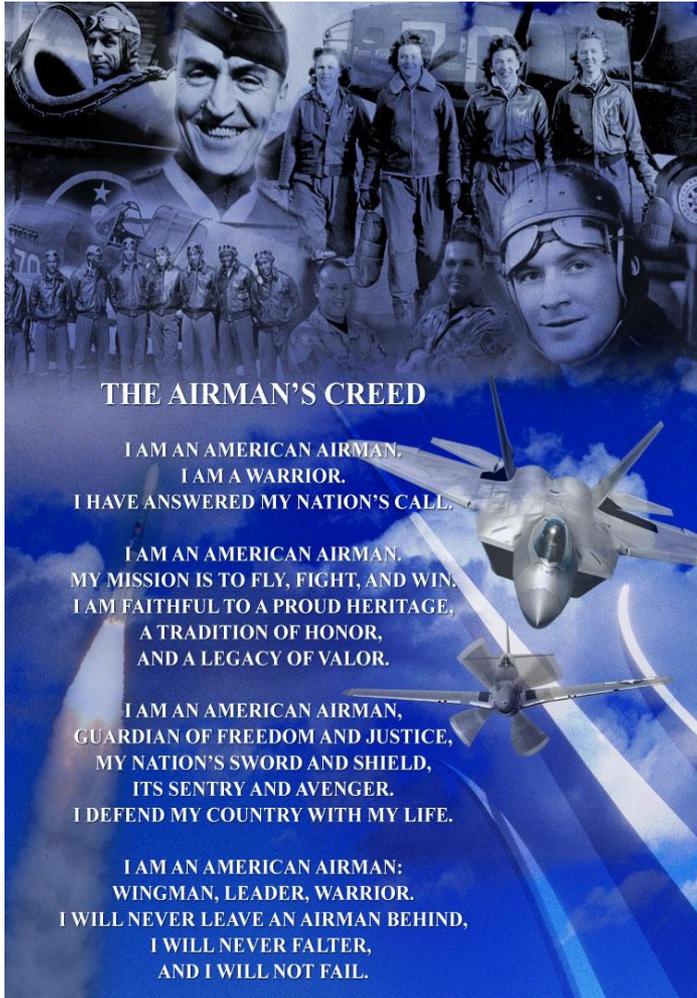
---

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Air Force Culture



## THE AIRMAN'S CREED

I AM AN AMERICAN AIRMAN,  
I AM A WARRIOR,  
I HAVE ANSWERED MY NATION'S CALL.

I AM AN AMERICAN AIRMAN,  
MY MISSION IS TO FLY, FIGHT, AND WIN,  
I AM FAITHFUL TO A PROUD HERITAGE,  
A TRADITION OF HONOR,  
AND A LEGACY OF VALOR.

I AM AN AMERICAN AIRMAN,  
GUARDIAN OF FREEDOM AND JUSTICE,  
MY NATION'S SWORD AND SHIELD,  
ITS SENTRY AND AVENGER,  
I DEFEND MY COUNTRY WITH MY LIFE.

I AM AN AMERICAN AIRMAN:  
WINGMAN, LEADER, WARRIOR.  
I WILL NEVER LEAVE AN AIRMAN BEHIND,  
I WILL NEVER FALTER,  
AND I WILL NOT FAIL.

## Air Force Core Values

**Integrity First**

**Service Before Self**

**Excellence in All We Do**

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

---

# **Air Force Priorities**

- ***Continue to Strengthen the Nuclear Enterprise***
- ***Partner with the Joint and Coalition Team to Win Today's Fight***
- ***Develop and Care for Airmen and their Families***
- ***Modernize our Air and Space Inventories, Organizations & Training***
- ***Recapture Acquisition Excellence***



---

*Integrity - Service - Excellence*



U.S. AIR FORCE

# What We Do As Part of the Joint Team

## *Global Vigilance, Global Reach, Global Power*

Unique responsibilities for political and military leaders and the Nation: Irregular warfare or theater-level engagement – Full Spectrum

- **Surveil the planet**
  - From air, space, & cyberspace
  - Detect & analyze enemy activity, capability & intent
- **Range the planet**
  - Threaten & hold those targets at risk, deter & dissuade the enemy
  - Strike, supply, show of force
  - Kinetic / non-kinetic
- **Command & Control** our activities
- **Assess** our global effects, across domains



*Integrity - Service - Excellence*



# Today's Air Force

**U.S. AIR FORCE**

---

## ■ ***Global Vigilance***

- Saving lives – providing ISR to determine enemy's capabilities and intentions
- Increased capacity and capability to maintain an “unblinking eye”...24/7
- 47 RPA Combat Air Patrols and growing – providing real-time full-motion video and still imagery for troops on the ground

## ■ ***Global Reach***

- Delivering needed resources with unrivaled velocity and precision
- Providing maximum warfighting and humanitarian effects
- Over 1,000,000 flights supporting the Global War on Terror

## ■ ***Global Power***

- Capability to deliver precise lethal effects – anytime, anywhere, any environment
- Long-range strike and fighter aircraft capability
- Currently supporting COCOMs with over 100 strike sorties per day

***Fly, Fight and Win as an Integral Part of the Joint Team***

*Integrity - Service - Excellence*



U.S. AIR FORCE

# Organization



- Organized into Major Commands (MAJCOMs): Air Combat Command, Air Mobility Command, Air Education and Training Command, Pacific Air Forces, United States Air Forces Europe, Air Force Materiel Command, Air Force Space Command, Air Force Reserve Command, Air Force Special Operations Command, and Air Force Global Strike Command; 30 Field Operating Agencies and 3 Direct Reporting Units
- MAJCOMs subdivided into numbered air forces, wings, groups, and squadrons

*Integrity - Service - Excellence*



U.S. AIR FORCE

# Air & Space Expeditionary Force

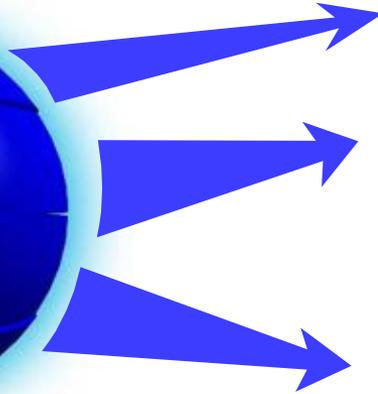
## Providing Forces to the Joint Warfighter

Organize,  
Train & Equip

Personnel Force  
Management

Force Generation

Force Presentation



Space  
C4ISR  
Fighters  
RPA  
Bombers  
Tankers  
Lift  
Cyber  
Expeditionary  
Combat  
Support

- Increases predictability and stability of tour length and tempo
- Maintains readiness
- Improves ARC participation planning (volunteer & mobilized)

*Integrity - Service - Excellence*



# Total Force Integration

U.S. AIR FORCE

- Purpose: Increase force-wide efficiencies and effectiveness by leveraging the resources and strengths of the Regular AF, Guard and Reserve
- Overview
  - Associate mission alignment maximizes access and productivity of active duty with competence and experience of Guard and Reserve
  - Strong Congressional interest on initiatives within members' states



**Continually Looking to Increase Combat Capability Through TFI**

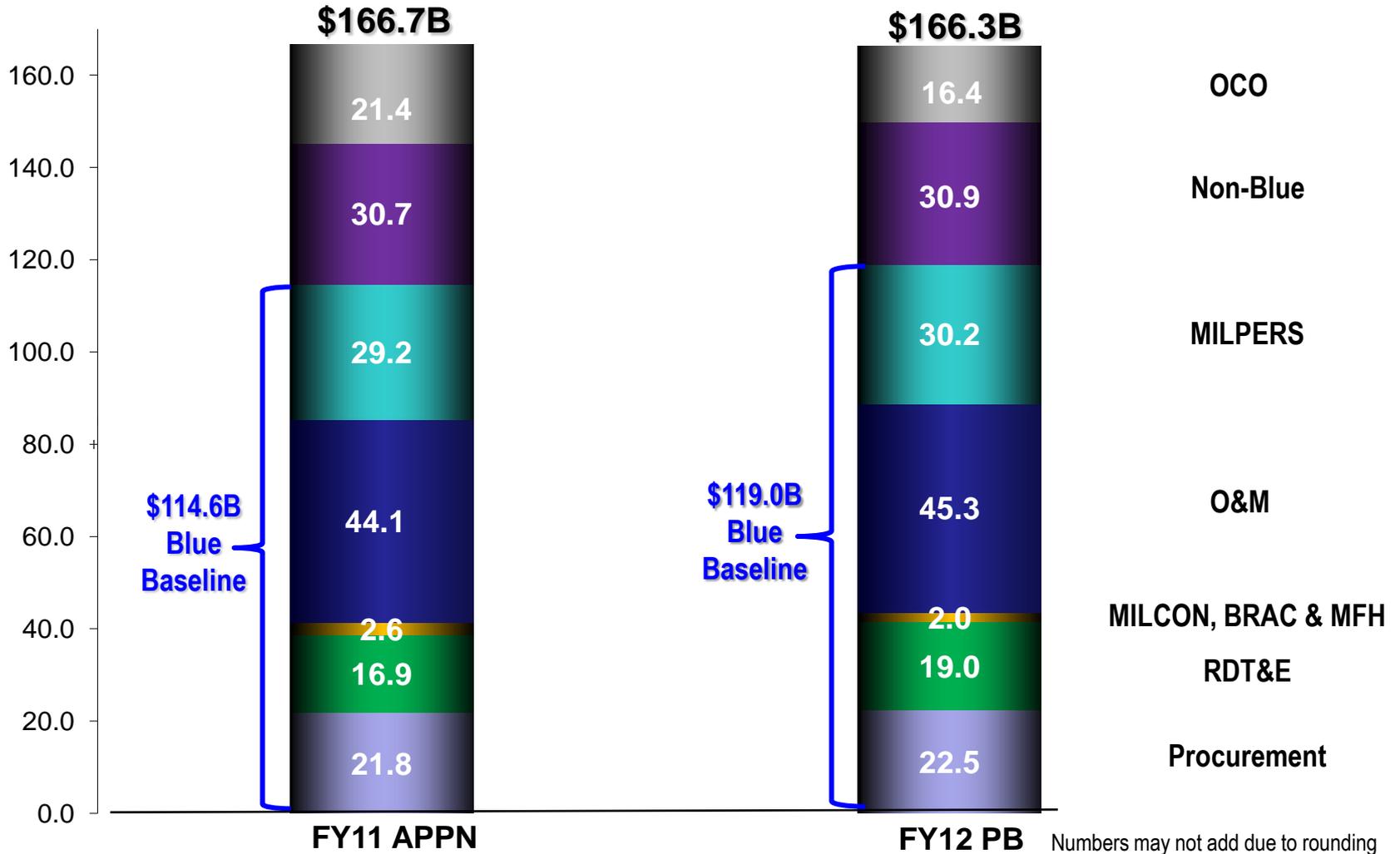
*Integrity - Service - Excellence*



U.S. AIR FORCE

# The Air Force Budget

FY11 Appn - FY12 PB Request





# By the Numbers

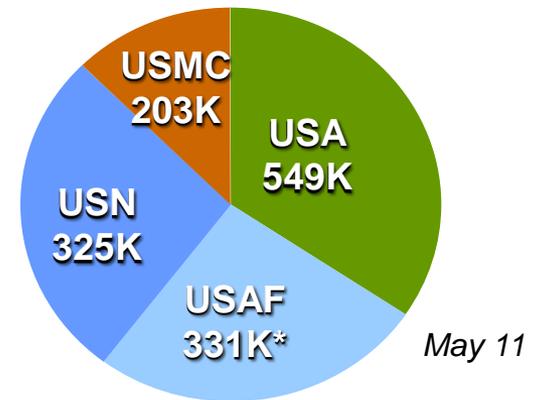
Avg Yrs Service/Age	
Officer	11 yrs/35
Enlisted	8 yrs/29
Civilians	14 yrs/47
(38% of the Force < 26)	

May 11

Enlisted	266K
Officers	65K
ANG	106K
AFR	71K
<u>Civilian</u>	<u>184K</u>
<b>Total Force Strength</b>	<b>692K*</b>

May 11

Active Duty End Strength



\*Does not include USAFA Cadets



**U.S. AIR FORCE**

# Quality of Service

- Entire realm of programs that impact Air Force personnel & their families
- Improving our Quality of Life
  - Housing
  - Childcare
  - Education
  - Morale, Welfare & Recreation
  - Healthcare – Warrior Care
  - Force Support – Education, Training, & Compensation
- Focusing on our Team's contributions:
  - Performing Meaningful Work
  - Having an impact on the mission
  - Valuing Airmen's Time



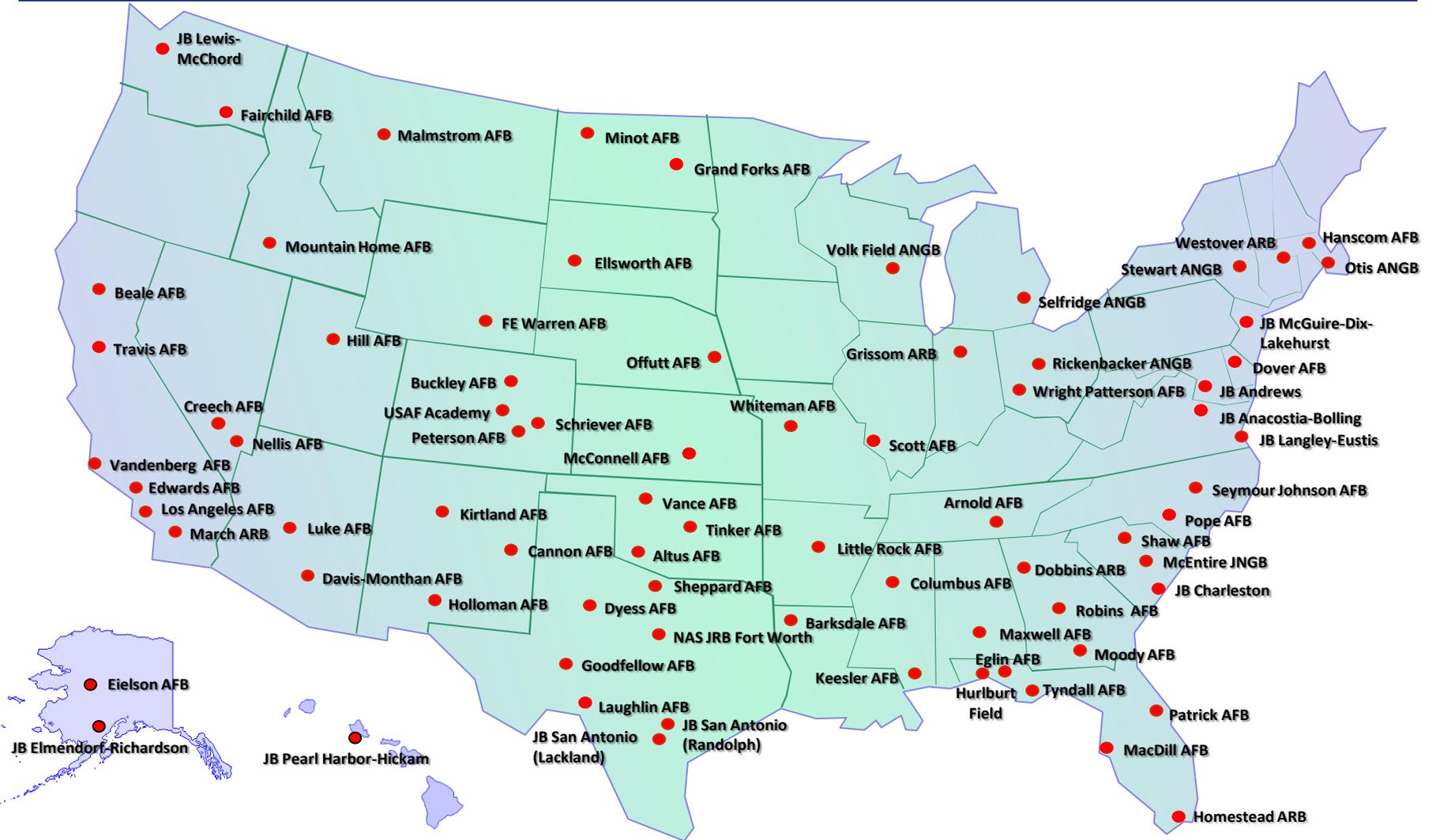
*Developing and Caring for Airmen and Their Families*

*Integrity - Service - Excellence*



# Major AF Installations

U.S. AIR FORCE

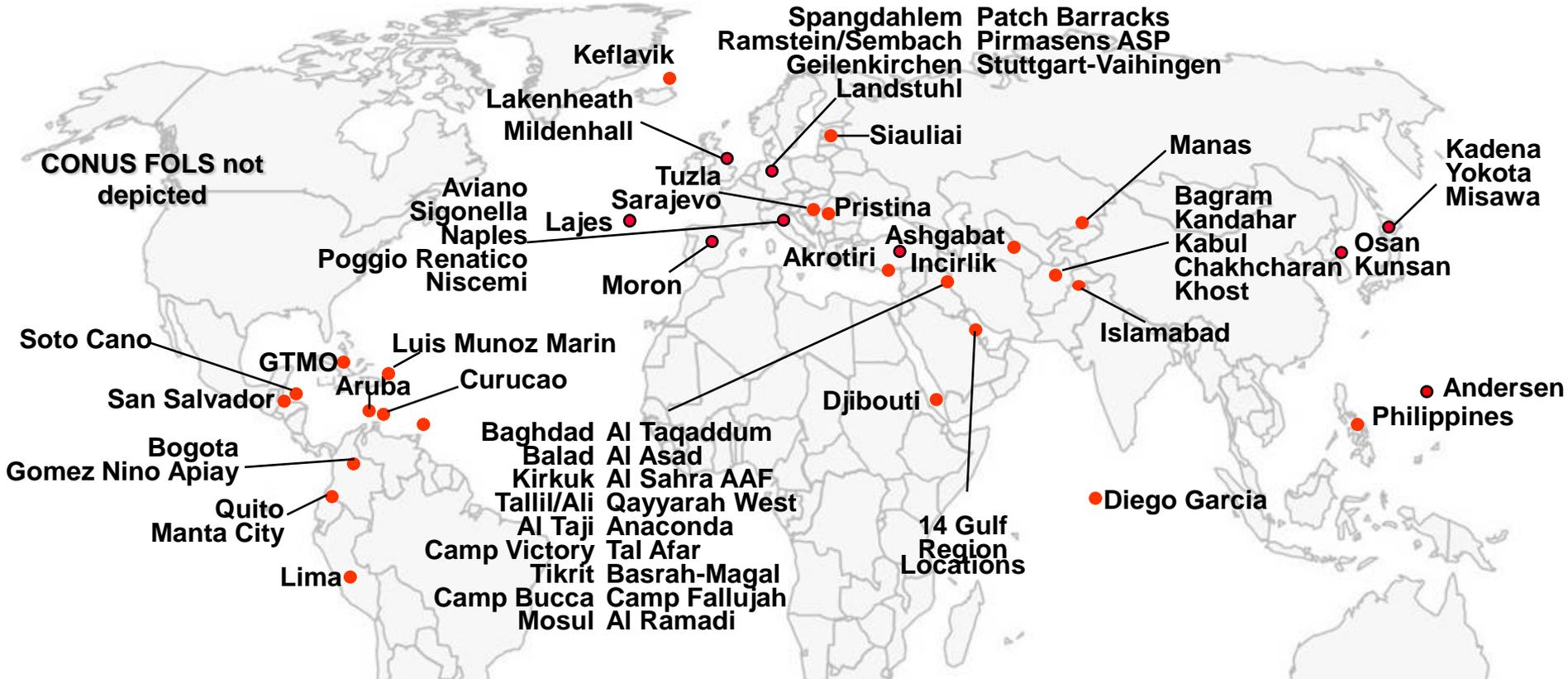


*Integrity - Service - Excellence*



# Forward Operating Locations

U.S. AIR FORCE



38,555 AF Personnel Deployed to 96 Locations

29,855 Airmen Deployed to CENTCOM

>60,150 Sorties in Support of Operation Noble Eagle Since 9/11

*Integrity - Service - Excellence*





# Joint, Coalition and Interagency Team

U.S. AIR FORCE

## Air & Space Expeditionary Forces (AEFs)



## Air Mobility Forces



## Space Forces



## Naval Aviation



## USMC Aviation



## Coalition



## Interagency



**Integrating Total Force: Active / Guard / Reserve / Civilian + Interagency and Coalition Partners**

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

---

# ***Ongoing Efforts***

- **OSD efficiencies—shifting resources**
- **Supporting the fight**
- **Recapitalizing and modernizing**
  - **KC-X, F-35A, RPA—MQ-1 and -9, MILSATCOM and GPS**
- **“Don’t Ask, Don’t Tell”**
- **Implementing 179-day AEF rotation baseline**
- **Air-Sea Battle**
- **Long Range Strike**
- **Further developing RPA roadmap and normalization**
- **Pursuing next steps on Total Force Integration**



**U.S. AIR FORCE**



**U.S. AIR FORCE**

---

# **BACKUPS**



**U.S. AIR FORCE**

---

# Modernization Efforts

- **KC-X Tanker Recapitalization**
- **F-35A Joint Strike Fighter**
- **Long Range Strike**
- **MILSATCOM & Spaceborne Missile Warning**



U.S. AIR FORCE

# Our Vision



***The United States Air Force will be a trusted, reliable joint partner with our sister services known for integrity in all of our activities, including supporting the Joint mission first and foremost. We will provide compelling air, space and cyber capabilities for use by the Combatant Commanders. We will excel as stewards of all Air Force resources in service to the American people, while providing precise and reliable Global Vigilance, Reach and Power for the Nation.***

*Integrity - Service - Excellence*



# Organizational Structures

## Changing How We Fight

U.S. AIR FORCE

**SAC/MAC/TAC  
Reorganized  
Into ACC & AMC  
To Meet New  
Strategic  
Environment**

**1998:  
Expeditionary Air  
Force (EAF)  
Concept unveiled**

**TODAY and TOMORROW:  
AF Component,  
Total Force Integration and  
Global Strike Command**



1980

1990

2000

2006

Today

1992 shift to  
Functional Organizations

1998 shift to  
Expeditionary Structure

557,969 AD  
96,283 ANG  
58,921 AFRC  
713,173 Total

535,233 AD  
117,786 ANG  
83,813 AFRC  
736,832 Total

355,654 AD  
106,366 ANG  
72,340 AFRC  
534,360 Total

351,839 AD  
104,093 ANG  
75,552 AFRC  
531,484 Total

336,984 AD  
108,582 ANG  
68,721 AFRC  
514,287 Total



# US- led Provincial Reconstruction Teams



28 Total PRTs



13 led by US



6 led by USAF

Our Airmen are leading "today's fight" as part of the Joint team



**U.S. AIR FORCE**

# Battlefield Airmen



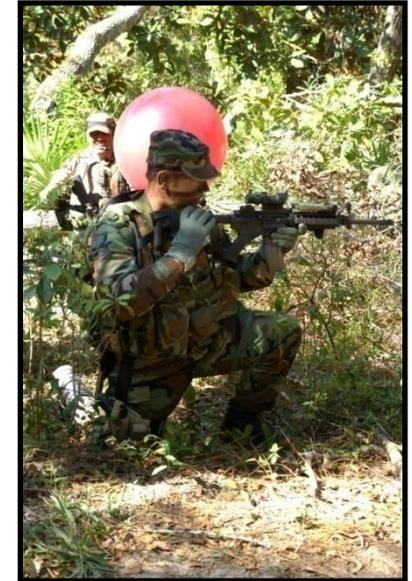
**Special Tactics Officer  
Combat Controller**



**Tactical Air Control Party**



**Combat Rescue Officer  
Pararescuemen**



**Combat Weather**

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Air Combat



**A-10**

Counter LAND



**F-15**

Counter AIR



**F-15E**

Counter LAND/AIR



**F-16**

Counter LAND/AIR



**F-22A**

Counter LAND/AIR

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Strategic Combat



**B-1**

Counter LAND/SEA



**B-2**

Counter LAND/SEA



**B-52**

Counter LAND/SEA



**Minuteman III**

Counter LAND

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Air Mobility

Airlift:  
Global Mobility



Airlift:  
Theater Mobility



Air Refueling



*Integrity - Service - Excellence*



# C2 / Intel, Surveillance, & Recon

U.S. AIR FORCE



C2 & ISR



Counterinformation

C2



ISR

C2 & ISR



ISR



ISR



ISR



ISR

*Integrity - Service - Excellence*



# Special Operations and CSAR

U.S. AIR FORCE

## Special Operations and Combat Search & Rescue





# Air Education and Training

U.S. AIR FORCE

---



T-6A

Basic Pilot Training



T-1A

Basic Crew Training



T-38

Basic & Advanced Pilot Training



T-43

Navigation

---

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Operational Support Aircraft Very Important Persons Special Airlift Mission

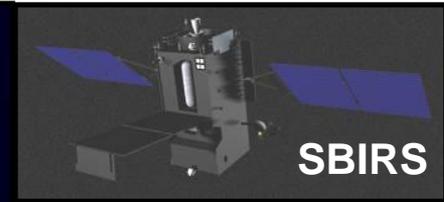


*Integrity - Service - Excellence*



U.S. AIR FORCE

# Space Missile Warning (ISR)



Space-Based Infrared System  
(GEO Satellites, HEO Payloads)

Defense Support Program  
- Space-Based Missile Warning



## **BMEWS, PAVE PAWS & PARCS**

Ballistic Missile Early Warning System (BMEWS),  
PAVE Phased Array Warning System (PAVE PAWS),  
and the Perimeter Acquisition Radar Attack  
Characterization System (PARCS)  
- Ground-Based Missile Warning Radars



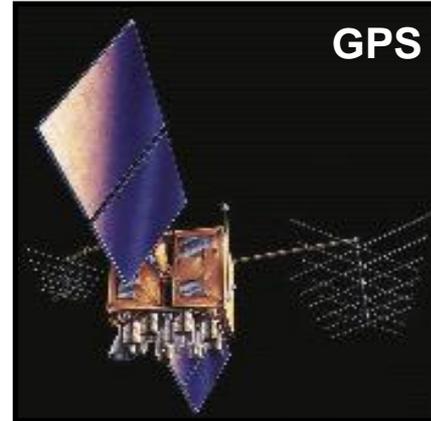
# Space Force Enhancement Weather, PNT & Comm

U.S. AIR FORCE



DMSP

Weather



GPS

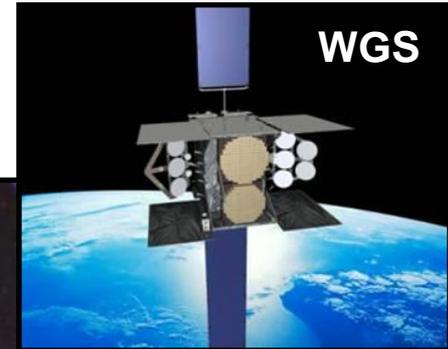
Positioning,  
Navigation & Timing

Protected Comm



AEHF

Secure Comm



WGS



MILSTAR



DSCS

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Space Launch

## Operational

## R&D



**Delta IV**



**Atlas V**



**Pegasus**



**Taurus**



**Minotaur**



**Falcon 1**



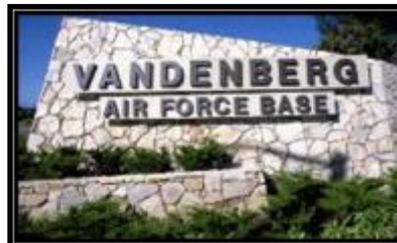
**Falcon 9**

Evolved Expendable  
Launch Vehicles

## Eastern Range



## Western Range

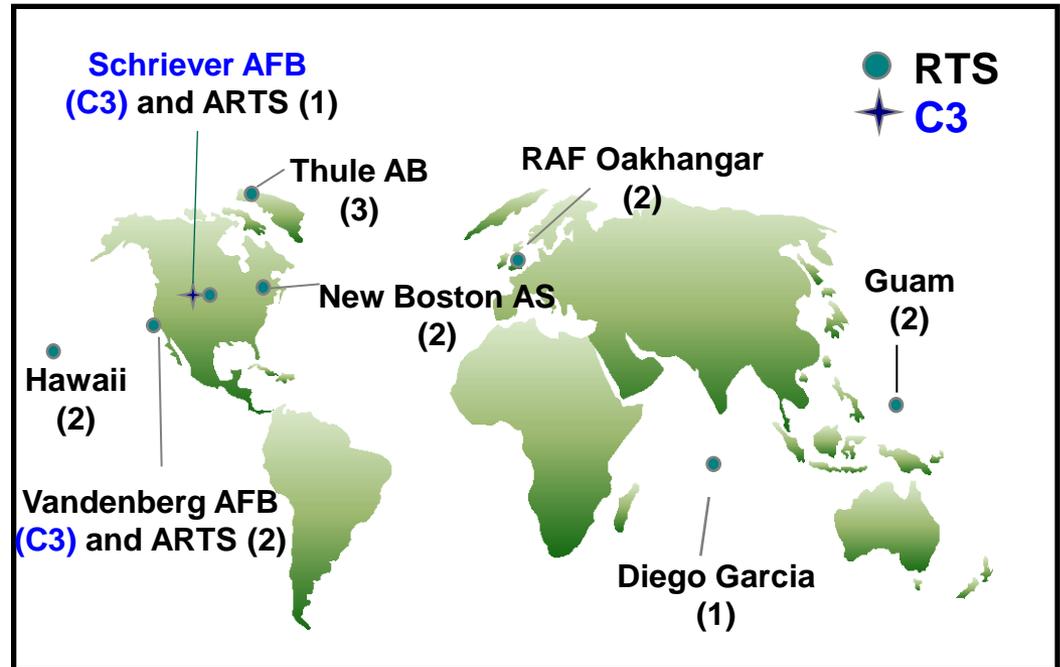


*Integrity - Service - Excellence*



U.S. AIR FORCE

# Satellite Operations



## ■ Air Force Satellite Control Network

- Deploy and operate DoD, NRO and Allied satellites; support to NASA manned & unmanned missions
- Unique emergency recovery capability
- Sites in US, UK, Greenland, & US overseas possessions

*Integrity - Service - Excellence*



**U.S. AIR FORCE**

# Space Control

## Space Situational Awareness



**AF Space Surveillance System (AFSSS)**



**Space-Based Surveillance**

## Defensive Space Control



**Rapid Attack, Detection and Characterization System**



**Ground-based Electro-Optical Deep Space Surveillance System (GEODSS)**



**Eglin Radar**

## Offensive Space Control



**Counter Communications System**