



# THE UNITED STATES AIR FORCE

Jan 15









# USAF CORE VALUES

- *Integrity First*
- *Service Before Self*
- *Excellence in All We Do*



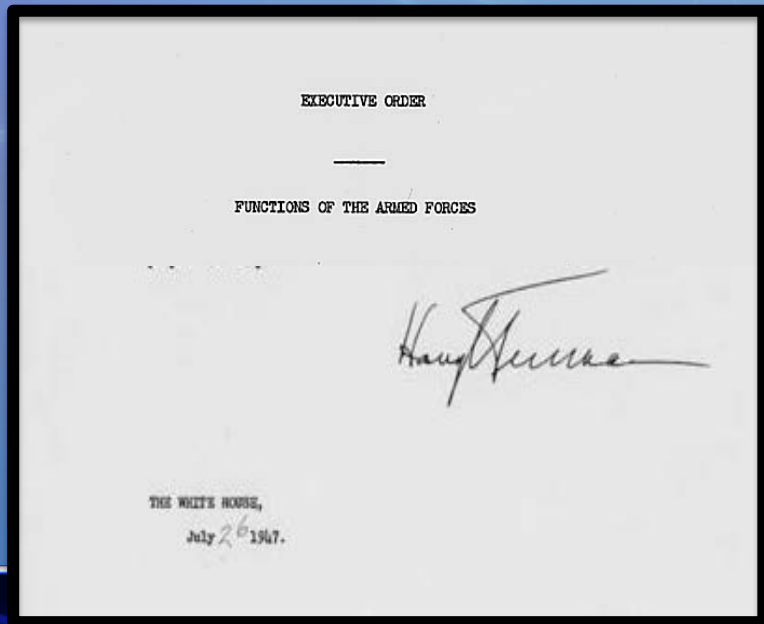


# THE CREATION OF THE USAF

## National Security Act of 1947 & Executive Order 9877

### Executive Order 9877

-26 July 1947



“air superiority...  
strategic air force...  
air reconnaissance...  
airlift...”

air support to ground and  
naval forces...  
coordination of air defense”







# WHY AN AIR FORCE?

THE GLOBAL TRANSPORTATION SYSTEM

**\$1.3 trillion to U.S. economy; 10 million jobs; ~5% of GDP**

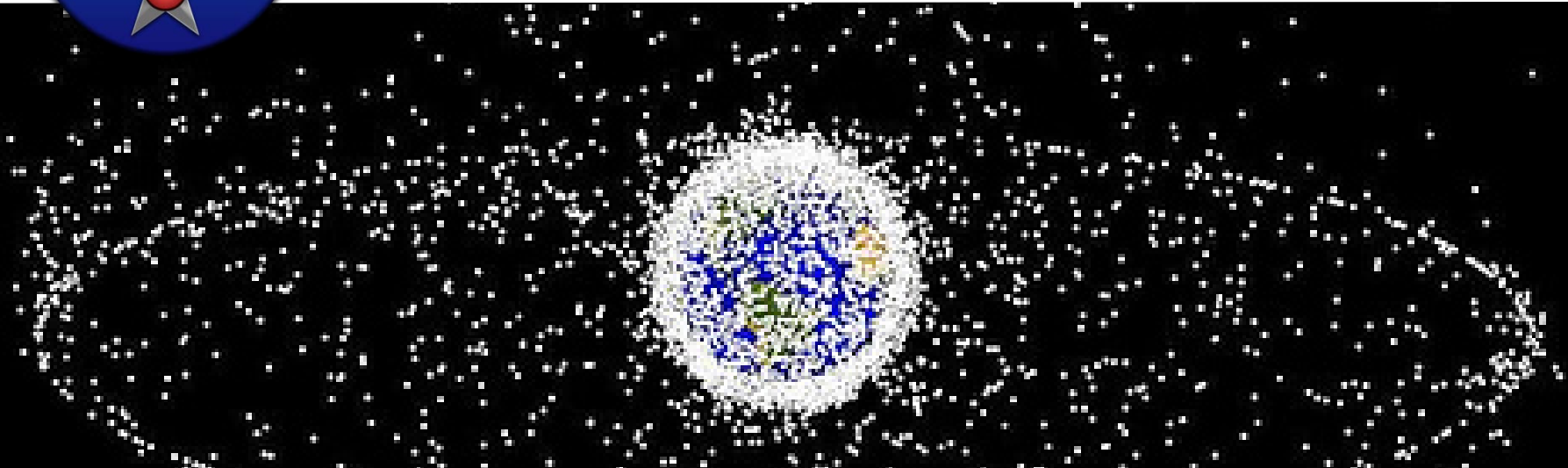


**35% of global trade by value moves by air**  
**Supports 57 million jobs worldwide**

**70% of Earth covered by water ...**  
**100% covered by air & space!**



# WHY AN AIR FORCE?



**~2150 functioning satellites**

**100K+ man-made objects**

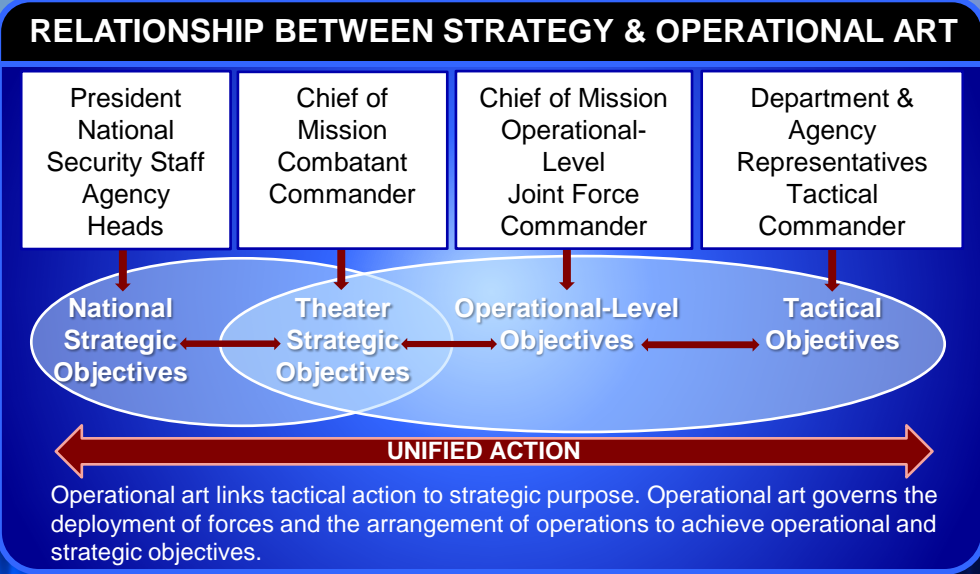
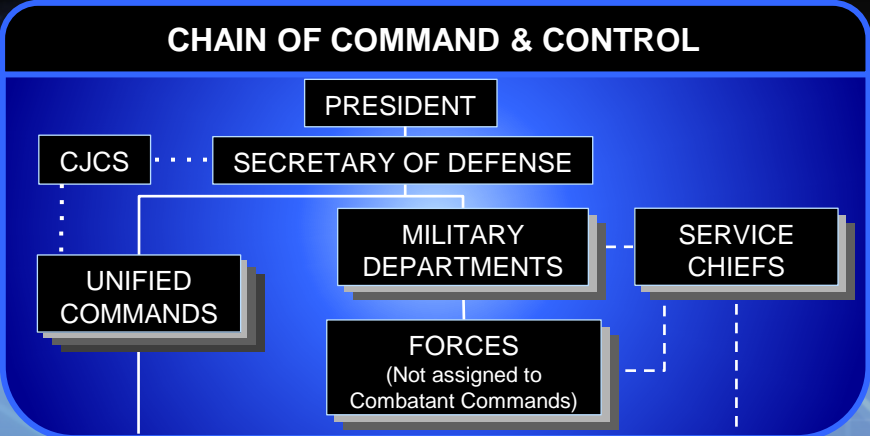
**USAF tracks virtually all of it!**

***USAF deploys & operates 6 constellations and over 170 satellites***





# MILITARY ROLE





# AN ELEMENT OF AMERICA'S TEAM

## Air & Space Expeditionary Forces (AEF)



## Air Mobility, Space, Cyber Forces



## NRO



## Naval Aviation



## USMC Aviation



## USCG



## SOF



## Army Aviation



## Allies and Partners



## Interagency





# HOW WE DO IT... ORGANIZATION



Title XXXII  
U.S. Code

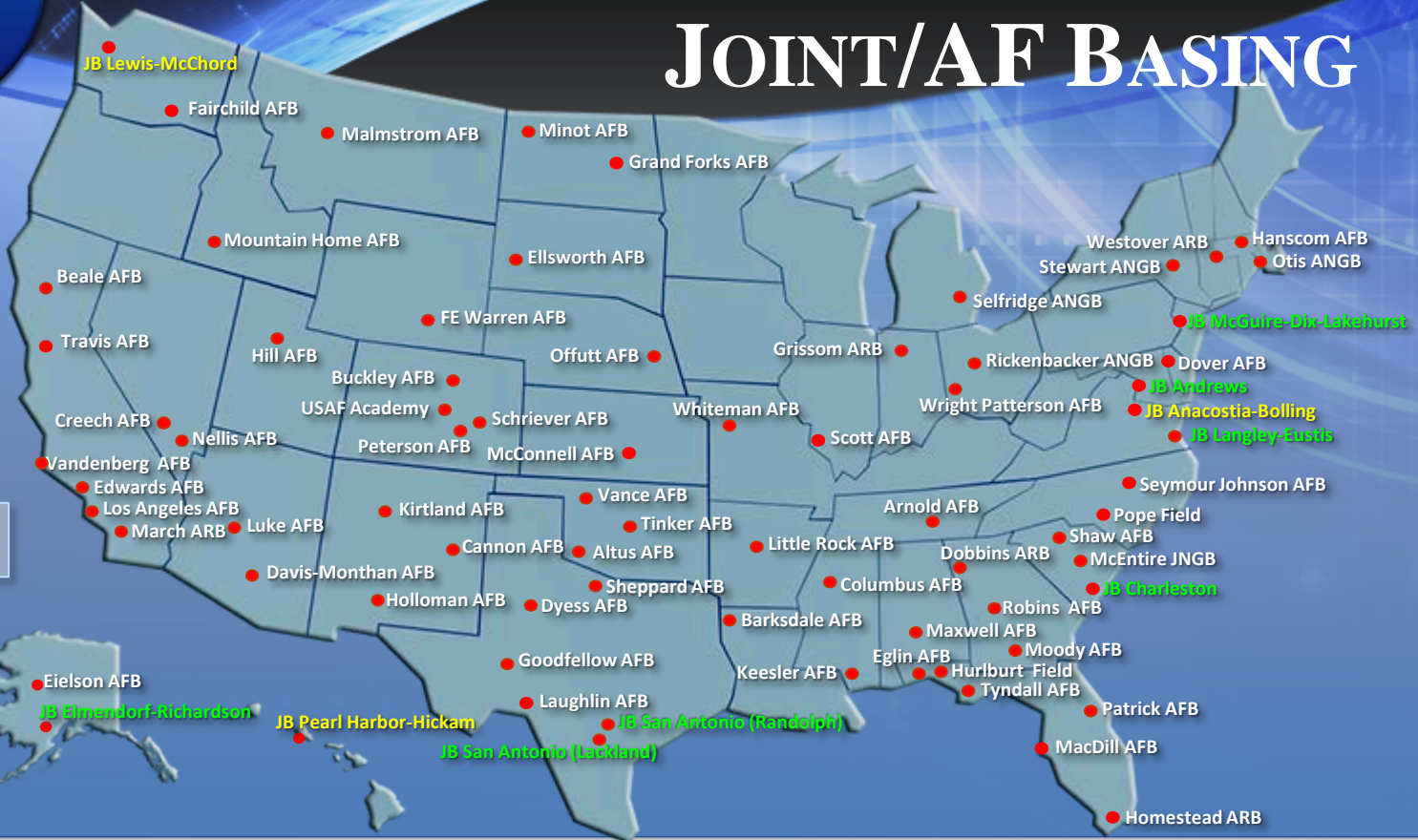


Title X  
U.S. Code





# HOW WE DO IT... JOINT/AF BASING







# HOW WE DO IT...

## TOTAL FORCE ENTERPRISE MANAGEMENT

- Total Force increases Air Force effectiveness and efficiency
- 121 Total Force associations across the Air Force
  - Active and Reserve units share basing, mission, & aircraft
  - Planned associates at all KC-46 and U.S. fighter bases
- Associations train and operate together as unified teams



Partnering increases Combat Capability







# A DAY IN THE LIFE OF THE USAF



## AFNORTH

~35 ONE alert  
a/c / day  
~14 flight hrs/day  
~6 daily sorties



## USAF/AFRICA

~212 a/c  
~150 flight hrs/day  
~75 daily sorties



## AFCENT

~300 a/c  
~300 sorties/day



## AFGSC

~112 a/c  
~193 flight hrs/day  
~60 daily sorties



## AFSOC

~232 a/c  
~140 flight hrs/day  
~40 daily sorties



## PACAF

~331 a/c  
~230 flight hrs/day  
~65 daily sorties



## AFSOUTH

~818 a/c  
~17 flight hrs/day  
~3 daily sorties ISO  
counter narcotics &  
narco-terrorism



## AETC

~1,100 a/c  
~1,150 flight hrs/day  
~20 students/day



## AMC

~1,134 Total Force a/c  
~1,100 flight hrs/day  
~280 daily sorties  
~4,800 PAX/day  
~1,800 short tons/day  
~500K fuel airborne  
offload/day  
~22 receivers/day

56% of active duty and 43% of Total Force in direct support of Combatant Command (CCMD) operations — 218,200 Airmen engaged every day





# 2014 SUMMARY



**AFNORTH**  
 21,500 flight hrs  
 10,300 sorties  
 67K ONE missions since 9-11



**USAF/AFRICA**  
 54,183 flight hrs  
 26,478 sorties  
 7,692 Stons cargo  
 11,300 PAX



**AETC**  
 417,084 flight hrs  
 325,970 Graduates  
 3,767 Officer Accessions  
 30,198 BMT Graduates



**AFGSC**  
 31,782 flight hrs  
 11,933 sorties  
 54.2 daily sorties



**AFSOC**  
 172,889 flight hrs  
 32,286 sorties  
 9,722 rounds fired  
 228K lbs fuel offload  
 22.9 M lbs of cargo  
 32,723 PAX



**AFCENT**  
 87,000 sorties  
 200,000 short tons  
 200,000 PAX  
 803M lbs fuel offload  
 60,000 a/c refueled



**PACAF**  
 91,962 flight hrs  
 48,633 sorties  
 28,361 PAX  
 19,461 Stons cargo  
 44M lbs fuel offload to 1,560 a/c



**AFSOUTH**  
 5,929 flight hrs  
 981 sorties  
 158 tons of cocaine seized worth \$3.2B

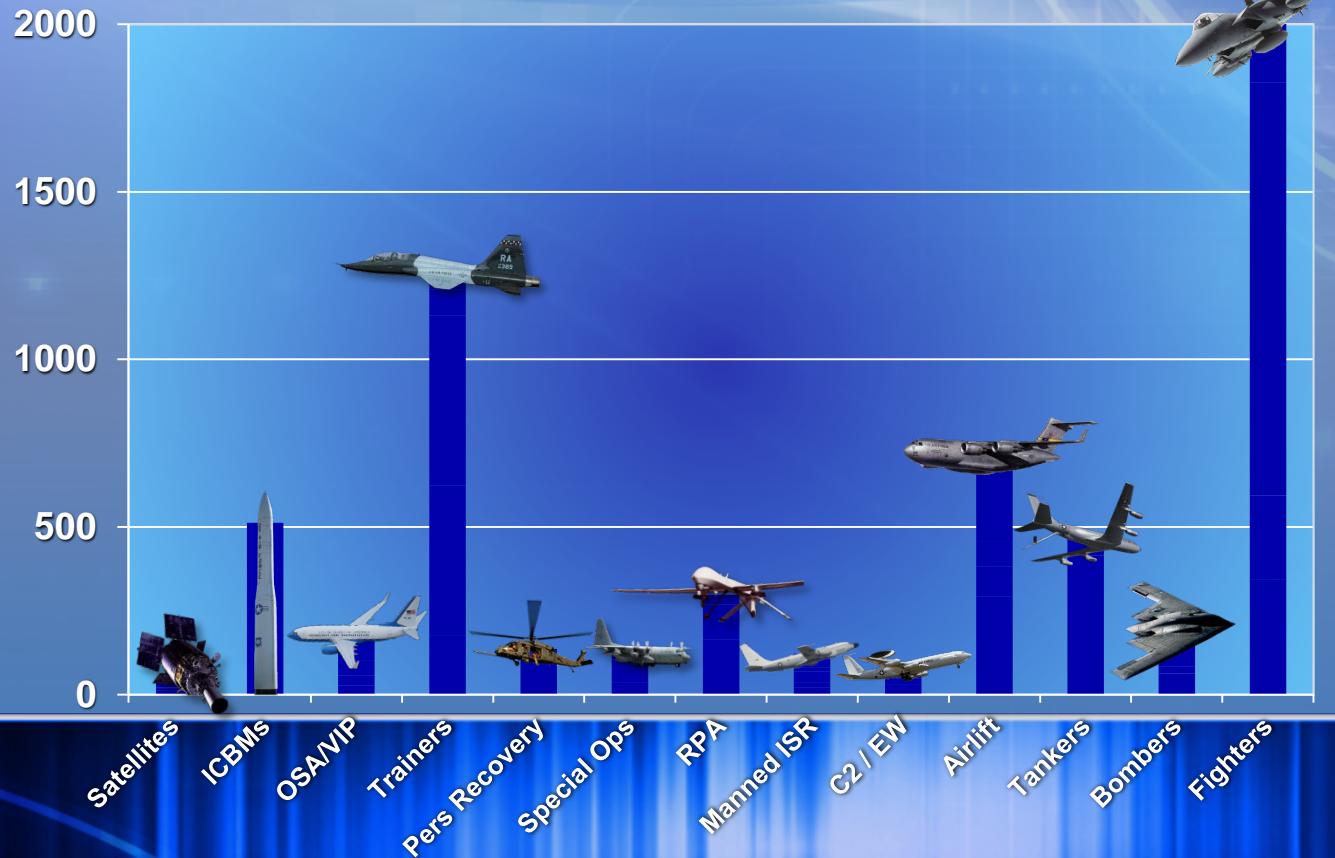


**AMC**  
 313,032 flight hrs  
 80,802 sorties  
 465K Stons  
 1.14M PAX  
 136M lbs fuel offload to 6,919 aircraft





# HOW WE DO IT...PLATFORMS



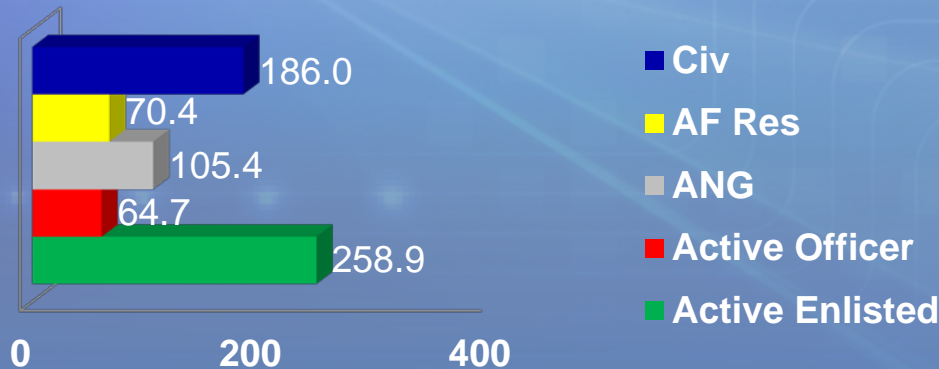




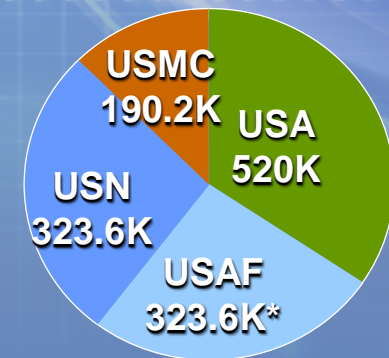


# HOW WE DO IT...AIRMEN

## Total Force End Strength



## Active Duty End Strength



\*Does not include USAFA cadets

### Avg Yrs Service/Age

Officer	11 yrs/35
Enlisted	8 yrs/29
Civilians	15 yrs/48
37% of active duty force < 26	

**Total Force Strength**  
**685.4K\***







# USAF MISSION

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







# INNOVATION



<p><b>Human Performance Augmentation</b></p>	<p><b>Rapid Response</b></p>	<p><b>Highly Adaptable Autonomous Systems</b></p>
<p><b>Cyber Resiliency</b></p>	<p><b>Robust Situational Awareness ISR - PED</b></p>	
<p><b>Long Range Strike</b></p>	<p><b>Reduce Energy Dependency</b></p>	









# WHAT WE DO



***POWERED BY AIRMEN***



***Global Vigilance, Global Reach,  
Global Power for America!***







# WHAT WE DO

- Air and space superiority, cyber assurance
  - Air superiority foundational to joint operations & American way of war
  - Domains likely to be most contested in future
- Intelligence, surveillance, reconnaissance (ISR)
  - Maximizing battlespace awareness
  - ~60 RPA patrols, ~1,200 hrs full-motion video per day
- Rapid global mobility
  - 1M+ airlift & tanker sorties in support of Mideast ops
  - One airlift sortie every two minutes, 24/7/365
  - 97% aeromedical evacuation survival rate
- Global strike
  - Hold any target on planet at risk
  - Two-thirds of America's nuclear triad
- Command & control
  - Integrates them all



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





# AIR AND SPACE SUPERIORITY

*The ability to control air and space so others can operate free from threats in the air, on the ground, or at sea*



**Allows ground forces the freedom to operate without the threat of attack from enemy aircraft...since 15 April 1953**



- **A key to maintaining air and space superiority is ready and trained Airmen who are properly equipped for their mission**
- **The future of air superiority depends on fifth generation capabilities**





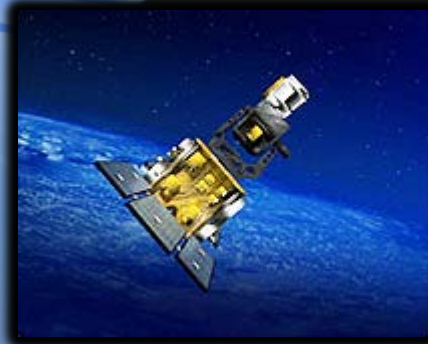
# AIR SUPERIORITY



# SPACE OPERATIONS



Delta IV



Space Situational Awareness



Positioning,  
Navigation, and Timing



Missile Warning

Protected Communications







# INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE

*ISR is the foundation upon which every joint, interagency, and coalition operation achieves success – provides a decisive information advantage*



- Minimizes uncertainty, strengthens deterrence, provides real-time info
- Allows joint and coalition forces to carry out operations they historically performed with greater danger and at a higher cost
- In contested environments, gaining and maintaining an ISR advantage will become increasingly difficult and even more important



# ISR







# COMMAND AND CONTROL

*Provides commanders the ability to conduct coordinated joint operations through centralized command, distributed control, and decentralized execution*

- Airmen employ the Air Force's other four core missions through the Air Force's command & control systems
- Our ability to deliver airpower is dependent on our ability to operate effectively in cyberspace, a domain which is critical to many of our command and control systems
- Getting the right information to the right person at the right time is essential to the American way of war



# C2







# GLOBAL STRIKE

*A significant portion of America's deterrence capability – means we can project military power rapidly, flexibly, and with a light footprint*



- Global strike Airmen can hold any target on the planet at risk
- Enables tactical, operational, and strategic success...all in a single mission
- Encompasses a wide range of systems – bombers, missiles, special operations, fighters, and other aircraft
- Air Force nuclear and conventional precision strike forces ensure that America's military credibility is uncontested and potential enemies are not emboldened to challenge the United States or its allies



# GLOBAL STRIKE



Counter LAND/SEA



B-1

Counter LAND/SEA



B-2

Counter LAND/SEA



B-52

Counter LAND/SEA



Minuteman III







# RAPID GLOBAL MOBILITY

*Enables fast American power projection anywhere in the world*

**Airlift – swift deployments, sustained operations**



**Air refueling – linchpin to global power projection**

**Aeromedical evacuation – saving lives**



**Moves warriors to the fight quickly, keeps them in the fight, and returns them home safely**





# RAPID GLOBAL MOBILITY

## Strategic Airlift



## Tactical Airlift



## Air Refueling







# USAF 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, and training
- Recapture acquisition excellence

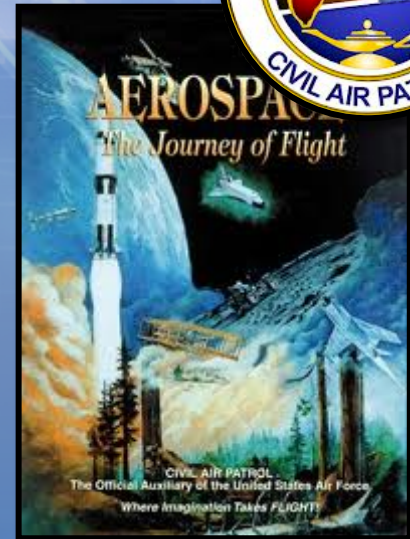






# WHAT USAF ASKS OF AMERICA

- Science, technology, engineering, math (STEM) degrees
- Encourage interests in aviation, space, cyber, innovation
- Spouse/veterans employment



“In the development of air power, one has to look ahead and not backward and figure out what is going to happen, not too much what has happened.”

– Brig Gen Billy Mitchell





# AMERICA'S AIR FORCE... TELL OUR STORY

