Officer Refresher Course
Block I

General Air Force Knowledge

July 2014

Objective

The objective of this block of instruction is to provide a refresher to COT trainees on general Air Force knowledge that they should have and understand to be competent and professional officers.

It provides an overview of the DOD, the Air Force within the DOD, and the function, construct, and organization of the Air Force itself.

Overview

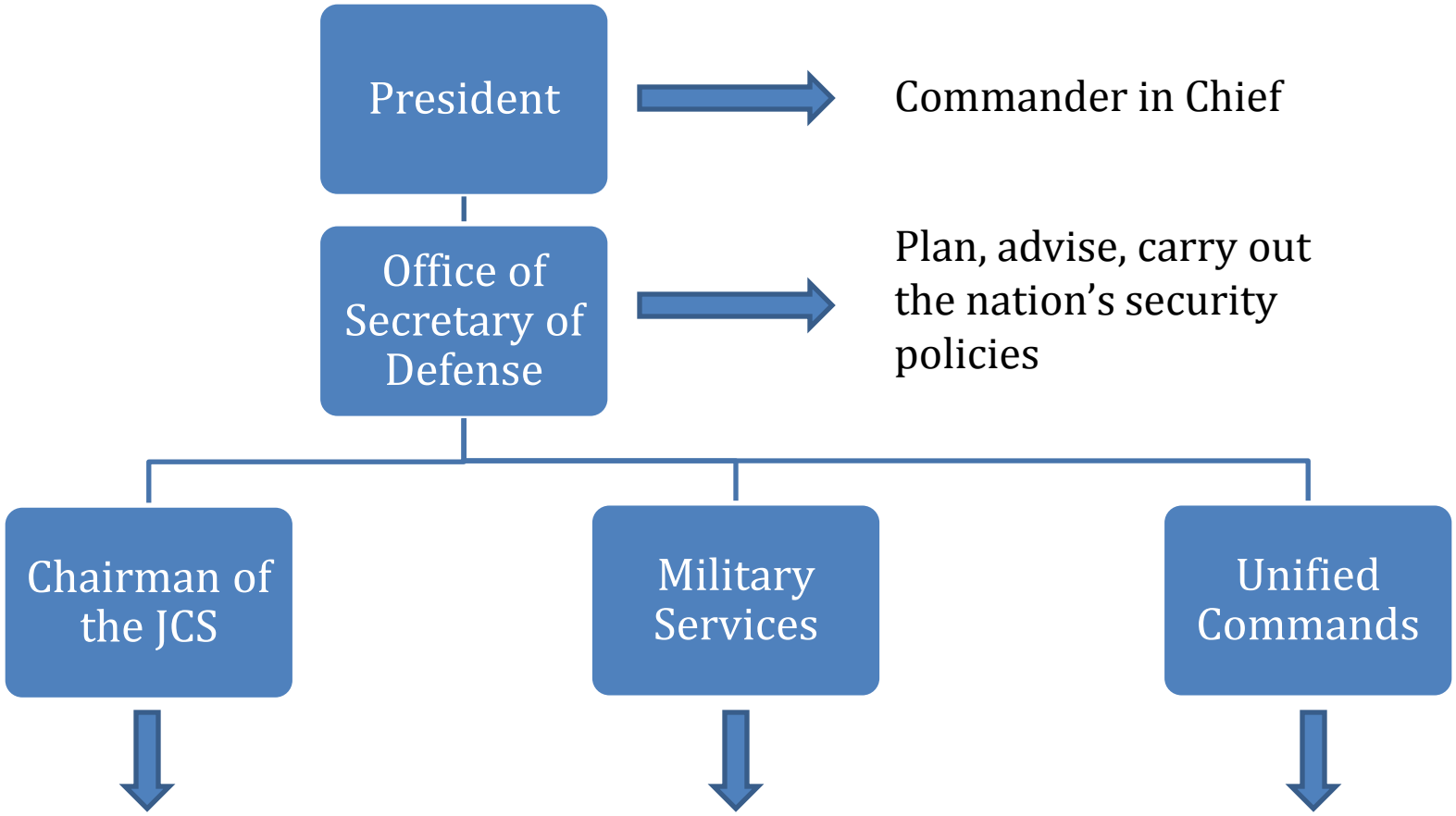
- Department of Defense
- Department of the Air Force
- AF Core Values
- AF Core Functions
- The Total Force
- AF Deployment Operations

Department of Defense (DOD)

DOD - Who We Are

- 3M+ personnel (not including retirees and families)
- $500B+ annual budget
- Operates from 5000+ locations globally
- Headquarters is the Pentagon in Washington DC
- The President of the U.S. is our Commander in Chief
- U.S. Congress allocates our budget
- We are accountable to the American public

DOD – How We're Organized

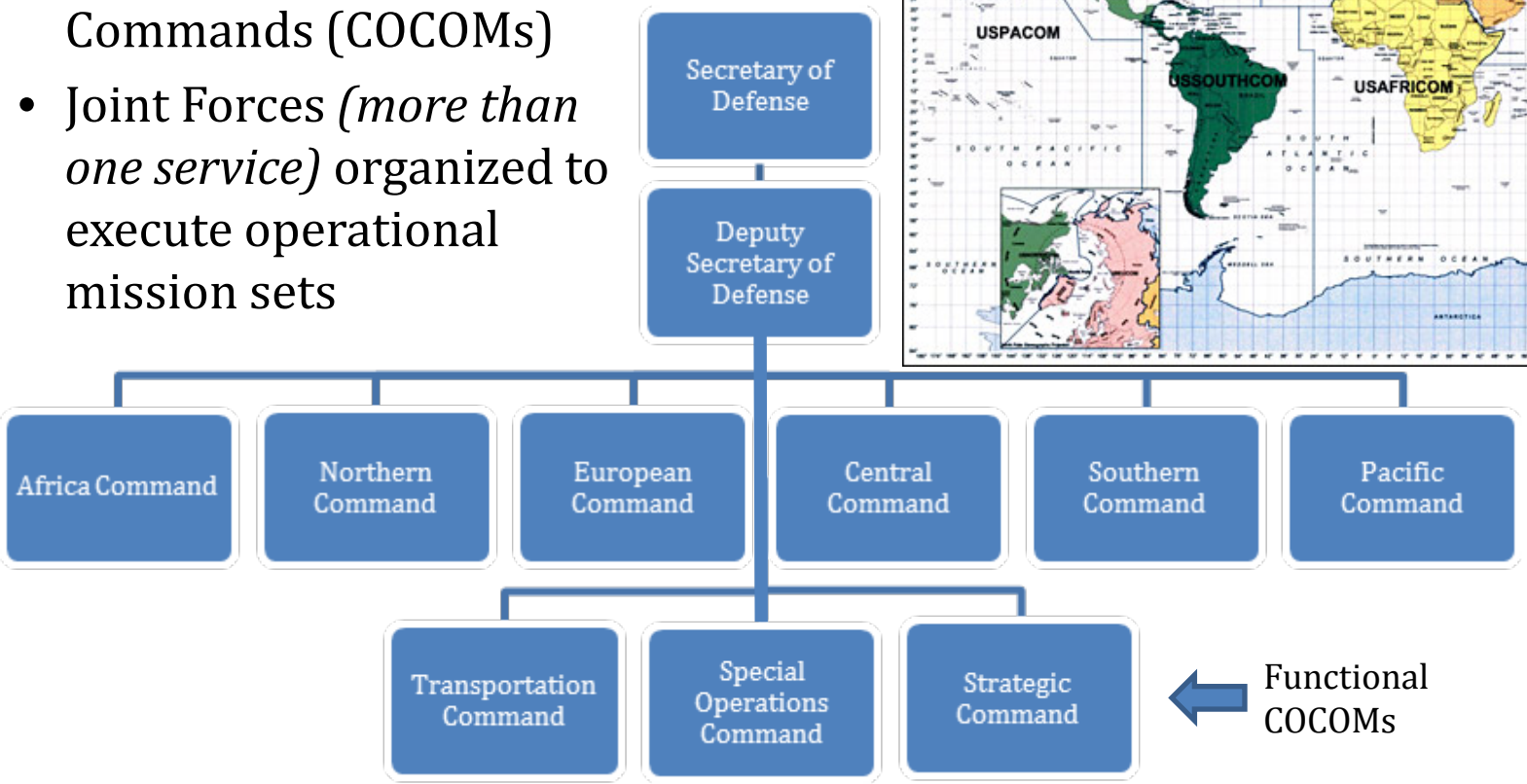


Military Services

- Army:
  - Fight and win with prompt, sustained land dominance
- Navy:
  - Naval forces capable of maintaining freedom of the seas
- Air Force:
  - Fly, fight and win … in air, space and cyberspace
- Marine Corps:
  - Land operations associated with naval operations
- Coast Guard
  - Maritime safety, security, stewardship

Unified Commands

- 6 Geographic Combatant Commands (COCOMs)
- 3 Functional Combatant Commands (COCOMs)
- Joint Forces *(more than one service)* organized to execute operational mission sets



DOD – What We Do

- Types of Missions
  - War Fighting
  - Humanitarian
  - Peacekeeping
  - Evacuation
  - Homeland Security
- Provide the military forces needed to deter and/or engage in conflict
- Protect the security of the United States
- Defend the interest of National Security

Department of the Air Force

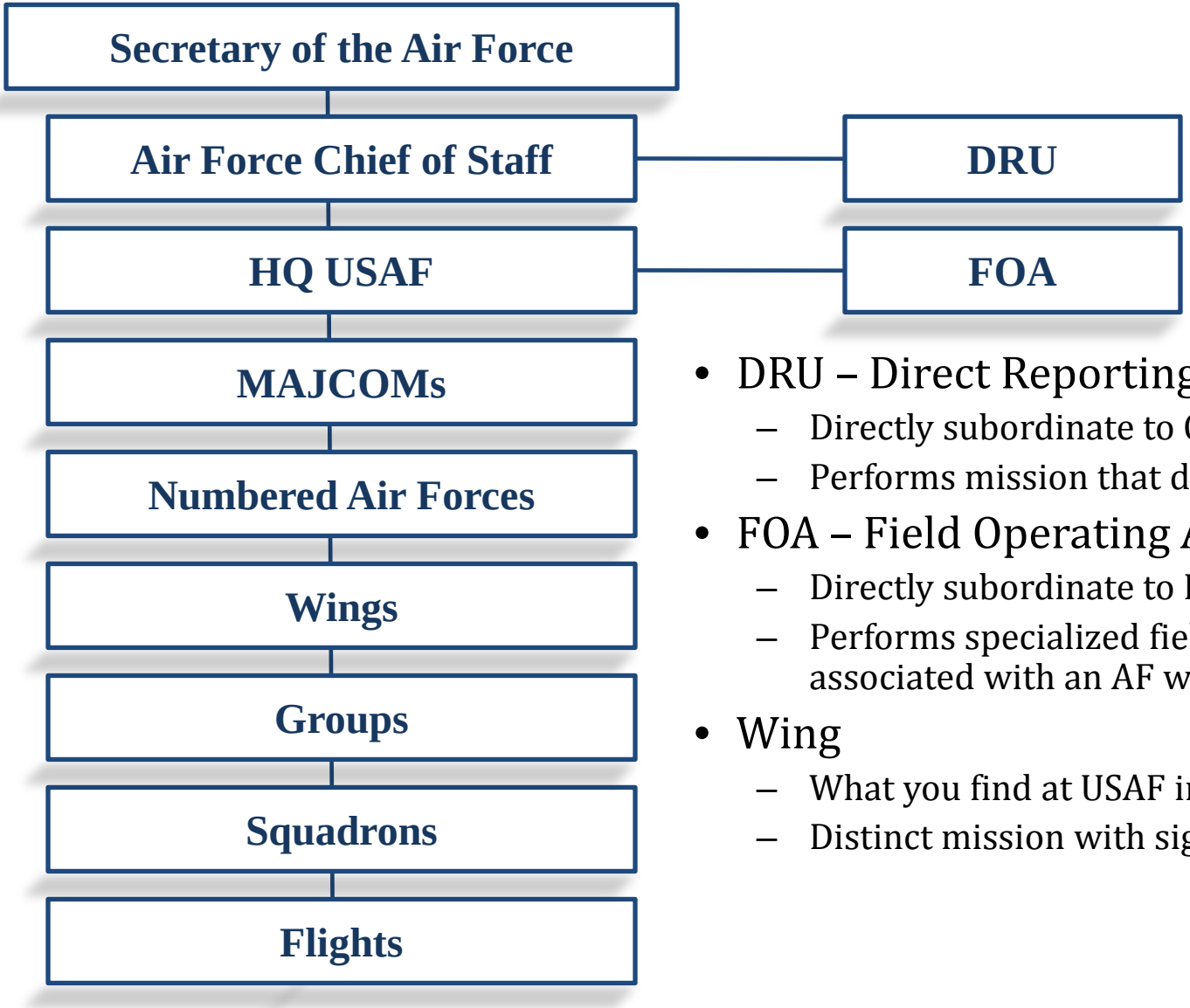
USAF – Who We Are

- Part of the U.S. Army in WWI and WWII
- Established as separate service with National Security Act of 1947
- Mission: *Fly, fight,* and *win* … in air, space, and cyberspace
- Vision:
  - Provide compelling air, space, and cyber capabilities for use by the combatant commanders
  - Global Vigilance, Reach and Power

USAF - Priorities

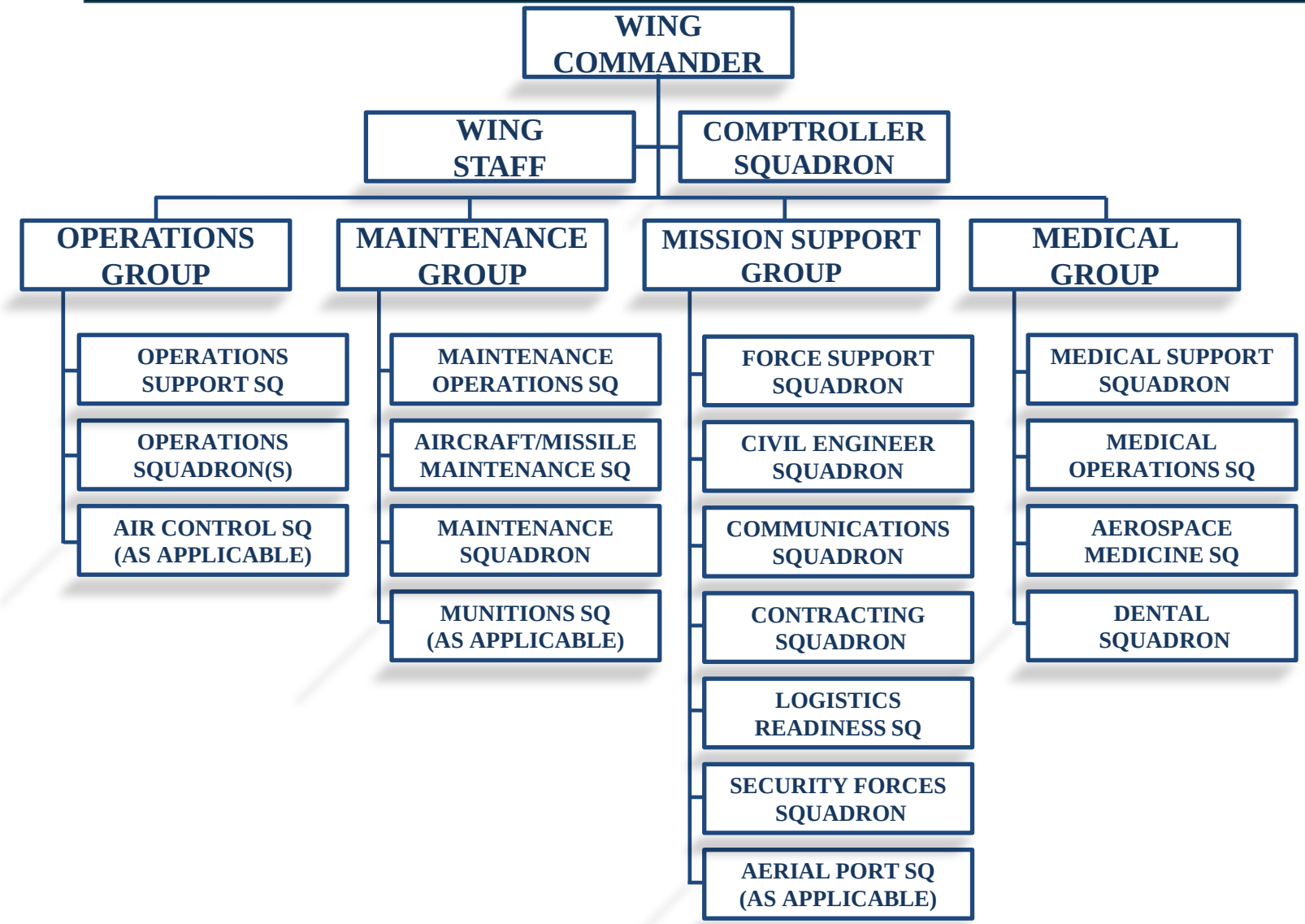
- Continue to strengthen the nuclear enterprise
- Partner with joint and coalition team to win today's fight
- Develop and care for Airmen and their families
- Modernize our air and space inventories, organizations, and training
- Recapture acquisition excellence

USAF – How We're Organized



- DRU – Direct Reporting Unit
  - Directly subordinate to CSAF
  - Performs mission that doesn't fit in MAJCOM
- FOA – Field Operating Agency
  - Directly subordinate to HQ USAF
  - Performs specialized field activities associated with an AF wide mission
- Wing
  - What you find at USAF installations
  - Distinct mission with significant scope

USAF – Typical Wing Structure



AF Core Values

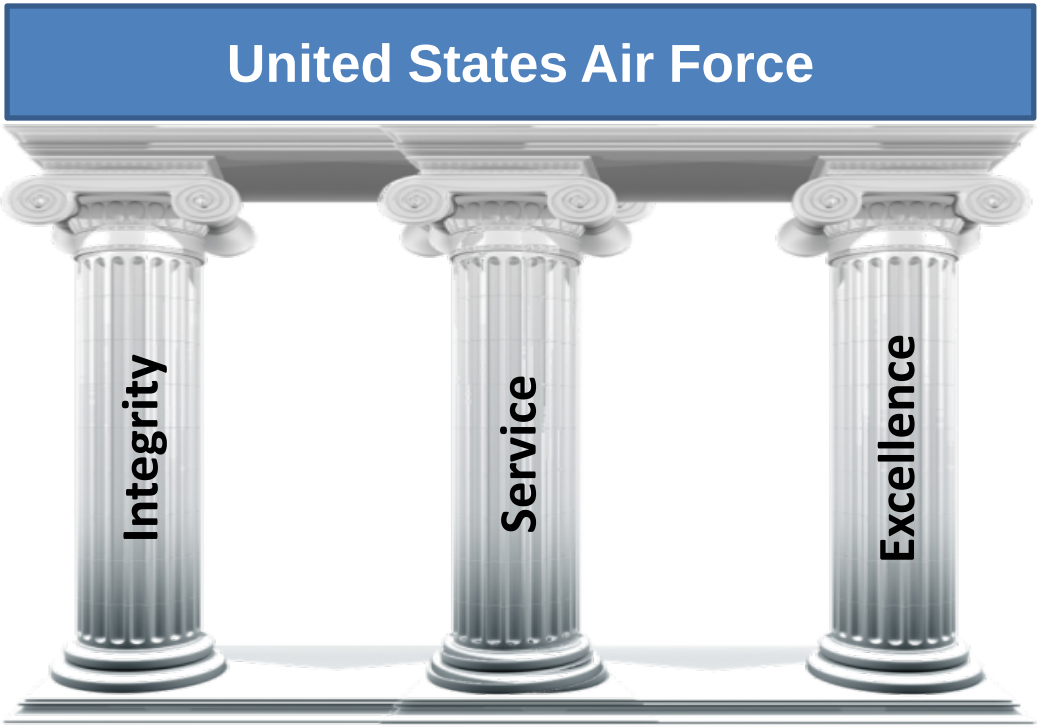
AF Core Values

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

Abiding by the Air Force Core Values is a commitment each Airmen makes when joining the Air Force.

The Importance of Core Values

- Core Values are the pillars upon which the entire organization rests
- Core Values tell personnel how to perform their work; the manner in which behavior is acceptable – ***Core Values define a culture***



AF Core Functions

AF Core Functions

- Nuclear Deterrence Operations
  - Operate, maintain, and secure nuclear forces to achieve an assured capability to deter an adversary from taking action against vital US interests
- Air Superiority
  - Dominance in the air battle of one force over another, which permits the conduct of operations without prohibitive interference by the opposing force
- Space Superiority
  - Dominance in space of one force over another, which permits the conduct of operations without prohibitive interference by the opposing force
- Cyber Superiority
  - Operational advantage in, through, and from cyberspace to conduct operations at a given time and in a given domain without prohibitive interference

AF Core Functions

- Command and Control
  - Exercise of authority and direction by a properly designated commander over assigned and attached forces in the accomplishment of the mission
- Global Integrated Intelligence, Surveillance and Reconnaissance (ISR)
  - Synchronization and integration of the planning and operation of sensors, assets, and processing, exploitation, and dissemination systems across the globe
- Global Precision Attack
  - Strike rapidly and persistently, with a wide range of munitions, any target and to create swift, decisive, and precise effects across multiple domains
- Rapid Global Mobility
  - Timely deployment, employment, sustainment, augmentation, and redeployment of military forces and capabilities across the Range of Military Operations (ROMO)

AF Core Functions

- Personnel Recovery
  - Military, diplomatic, and civil efforts to prepare for and execute the recovery and reintegration of isolated personnel
- Agile Combat Support
  - Ability to field, protect, and sustain Air Force forces
- Special Operations
  - Operations conducted in hostile, denied, or politically sensitive environments to achieve military, diplomatic, informational, and/or economic objectives employing military capabilities for which there is no broad conventional force requirement
- Building Partnerships
  - Airmen interacting with international airmen and other relevant actors to develop, guide, and sustain relationships for mutual benefit and security

The Total Force

The Total Force

- Purpose:
  - Integrate Active and Reserve forces in the most cost-effective manner possible to maintain as small an active peacetime force as commitments permit
- Consists of:
  - Active Duty
  - Reserve
  - National Guard
  - Civilian Personnel

AEF Concept

What is AEF?

- The Air Force is an expeditionary force that deploys
- The Air Force uses the Air and Space Expeditionary Force (AEF) concept to deliver combatant forces to a Unified Commander
- Principles of the AEF Concept
  - Predictability with tempo banding and rotational operations
  - Equitability within career field and with Total Force
  - Transparency allows all Airmen to know their deployment requirements

AEF Construct: Tempo Banding

Months	6	12	18	24	30	36	42	48	
RISK	ENABLERS = STRATEGIC CAPABILITIES								
LOW	B 1:4 AC Postured; 6-month Vulnerability Period; CURRENT BASELINE (Includes Institutional Forces)								
	1	2	3	4	5	1	2	3	
	C 1:3 AC Postured; 6-month Vulnerability Period								
	1	2	3	4	1	2	3	4	
MOD	D 1:2 AC Postured; 6-month Vulnerability Period								
	1	2	3	1	2	3	1	2	
	M 1:5 ARC Mob-to-Dwell; 6-month Vulnerability Period/9-month Mobilization								
	1	2	3	4	5	6	7	8	9
SIG	E 1:1 AC Postured; 6-month Vulnerability Period								
	1	2	1	2	1	2	1	2	
HIGH	N 1:4 ARC Mob-to-Dwell; 6-month Vulnerability Period/9-month Mobilization								
	1	2	3	4	5	6	7	8	

- All Airmen are assigned to a band except enablers
- Current Baseline is for Airmen to deploy 6 months, be home 24 months
- "Enablers" are not part of a tempo band and are always on call
  - Limited supply/high demand assets like SOF and B-2 squadrons

Law of Armed Conflict (LOAC)

- While deployed, all Airmen are subject to LOAC
- Five Principles of LOAC
  - Military Necessity
  - Humanity
  - Chivalry
  - Proportionality
  - Distinction
- Noncombatants
  - Civilians, POWs, Sick/Wounded/Shipwrecked/Clergy