

# Air Force Reserve Command

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*One Air Force, Same Fight... An Unrivaled Wingman*



## “Asset Management in the Air Force Reserve Command”

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**Headquarters, Air Force Reserve Command**



# AFRC Civil Engineer Mission Statement

***LEAD THE WAY:***

***ENABLING AIR, SPACE & CYBERSPACE POWER  
AT AFRC AND AF INSTALLATIONS WORLDWIDE***

***TRAIN, EQUIP AND PREPARE CIVIL ENGINEER  
WARRIORS TO **ENABLE AIR, SPACE &  
CYBERSPACE POWER** WORLDWIDE***



# AFRC Installations

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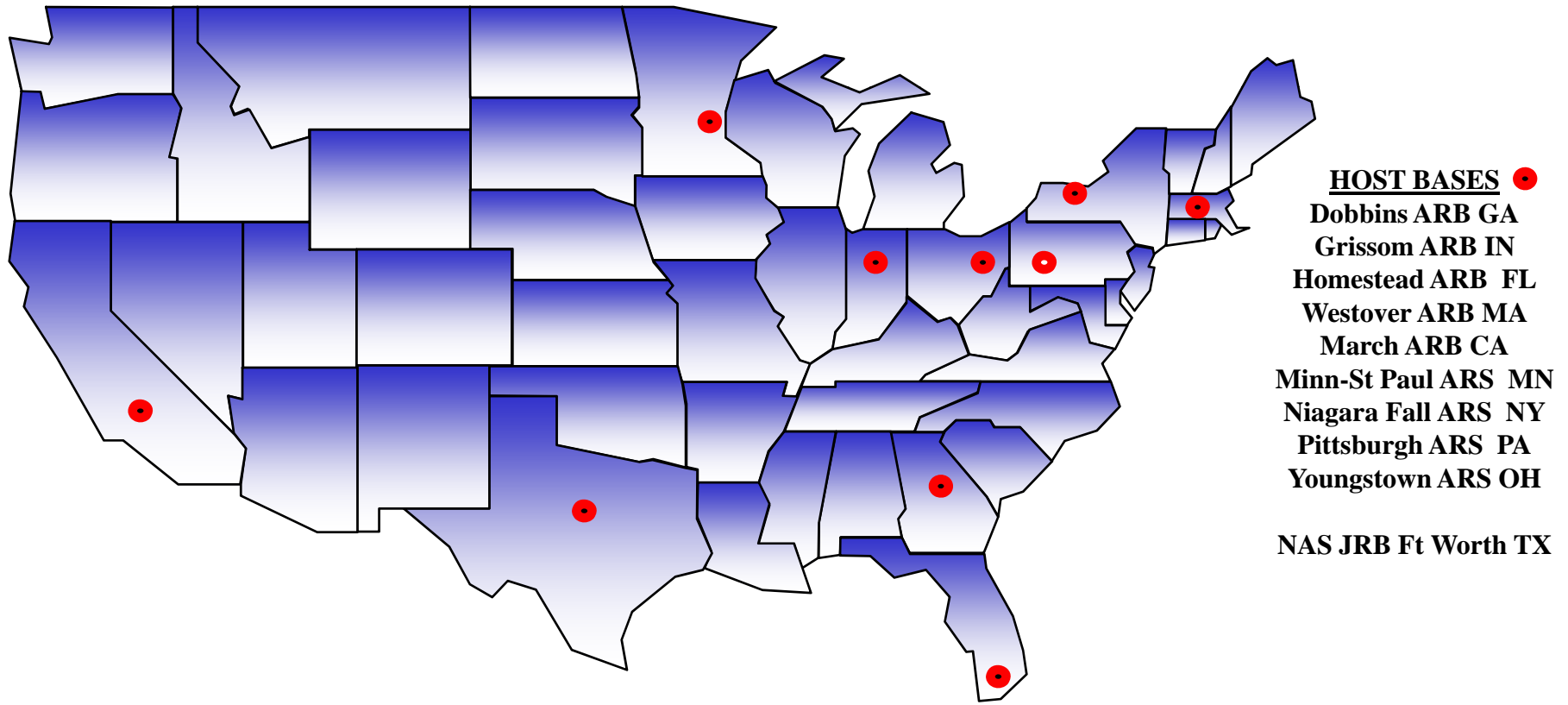
- 20.5 M square feet at **62 locations**
- Plant Replacement Value (PRV) = **\$6.3B**
  - 14.1 MSF at 10 AFRC/ANG/Navy installations worth \$5.0B
  - 6.4 MSF at **52 active duty locations** worth \$1.3B
- 2.8% of AF square footage and 3.8% of AF PRV



# AFRC Host Installations

## BCE ORGANIZATION -- TOTALLY CIVILIAN

### Total of 10 Host Bases

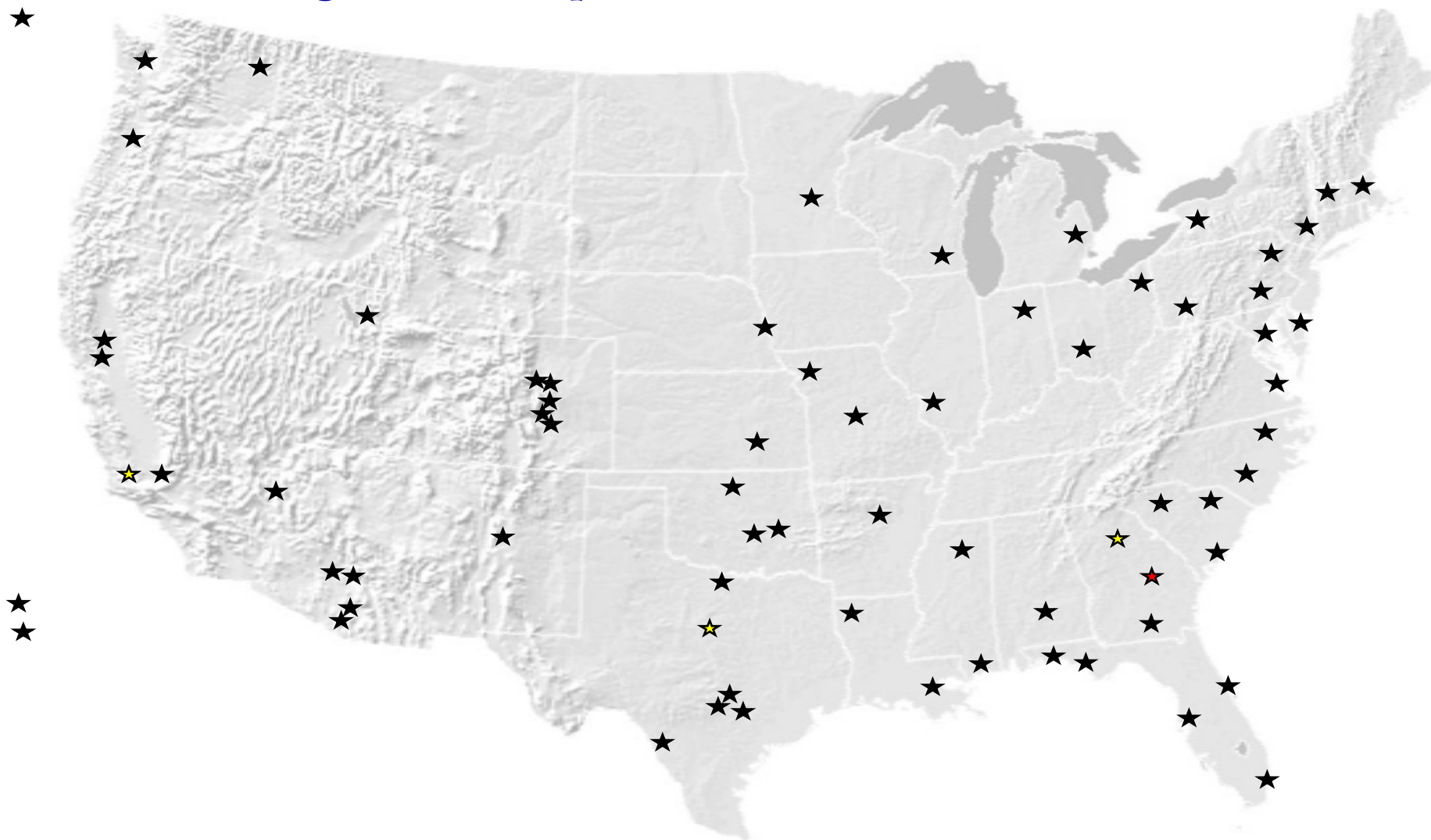




# Air Force Reserve Units



36 Wings & 4 Groups - 10 Reserve Bases - 52 Tenant Bases

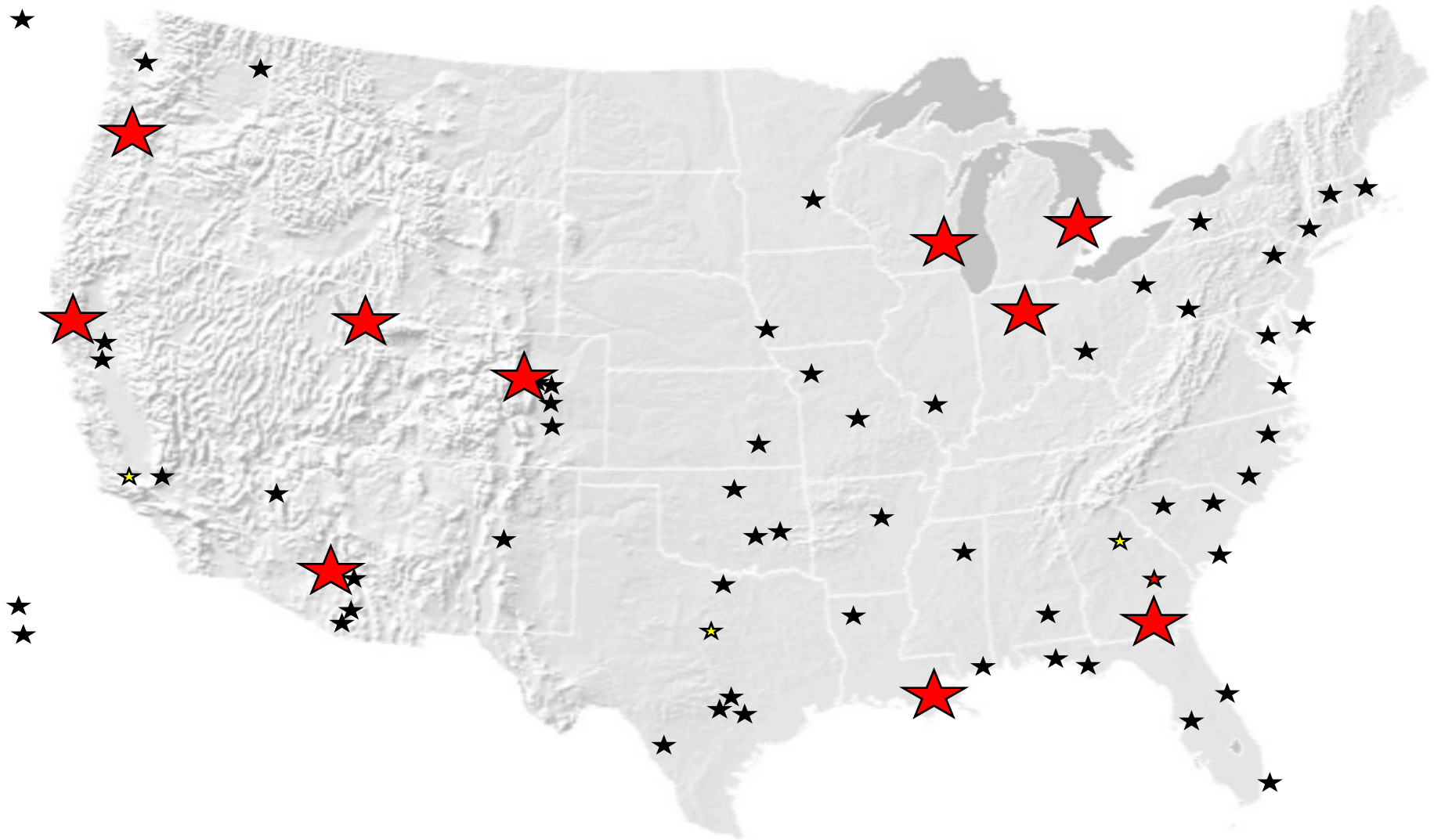


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# BRAC Mission Loss ★

Transform

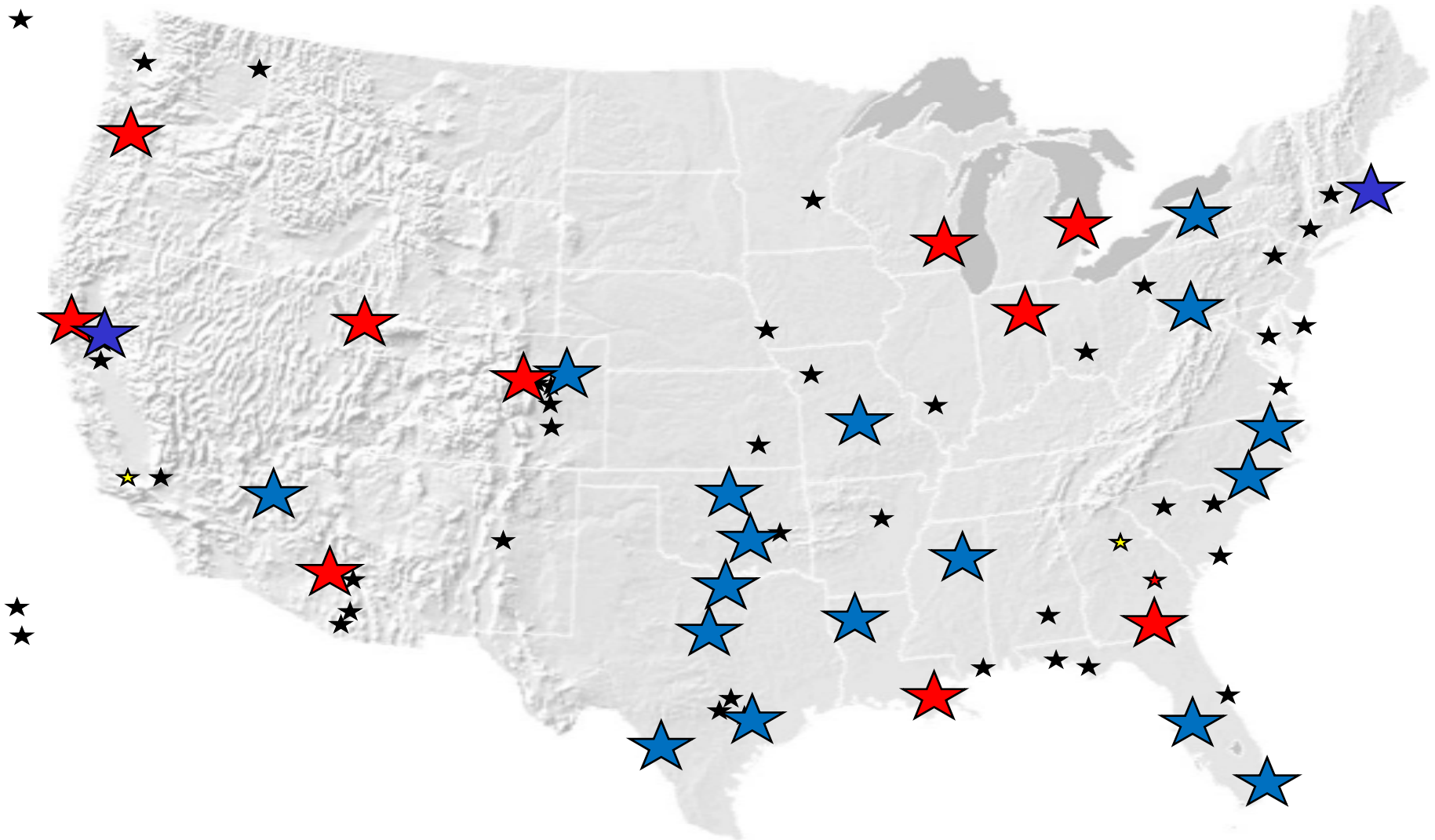


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# BRAC Mission Growth ★

Transform

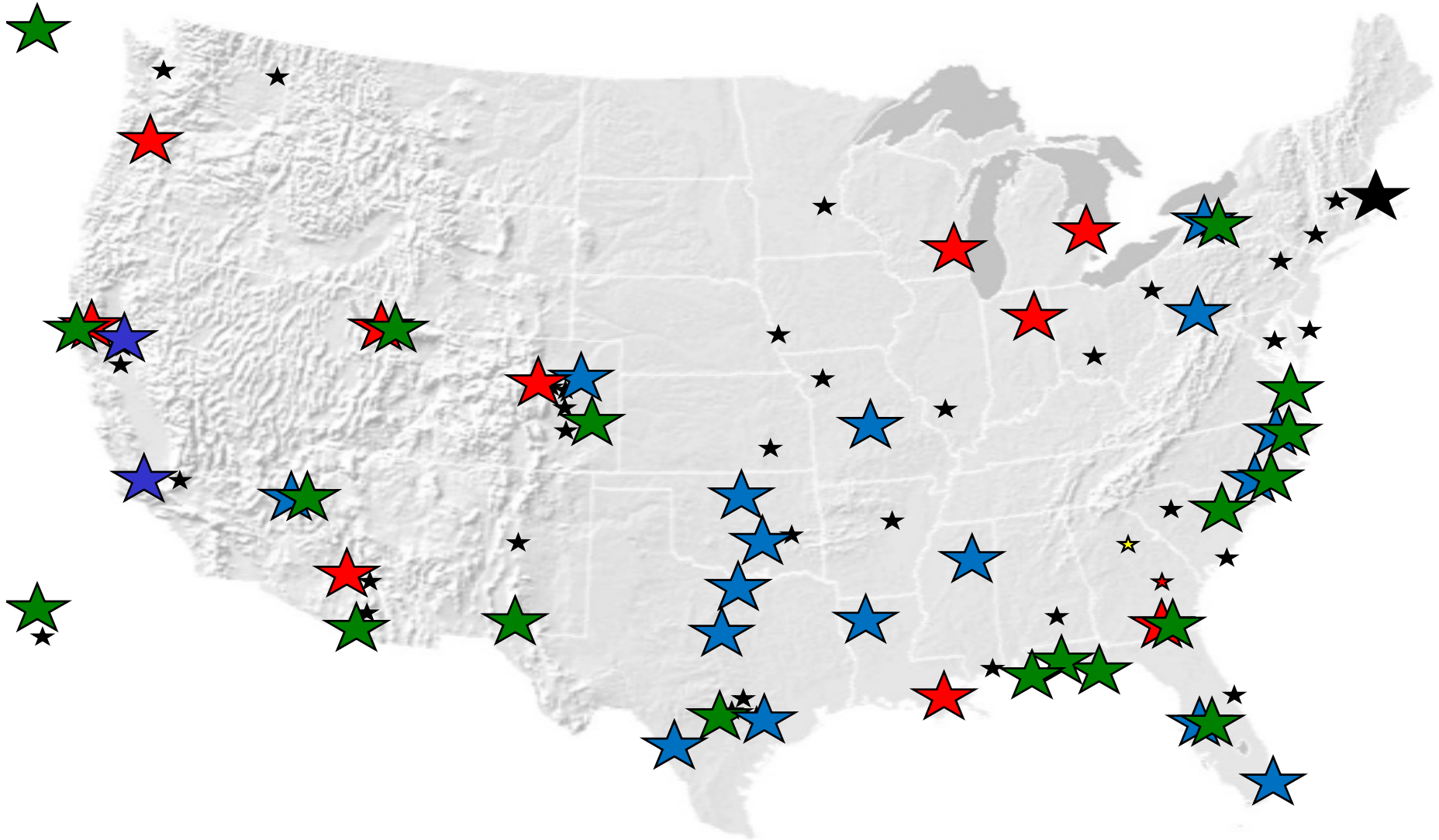


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# TFI Phase 1/2 ★

Transform

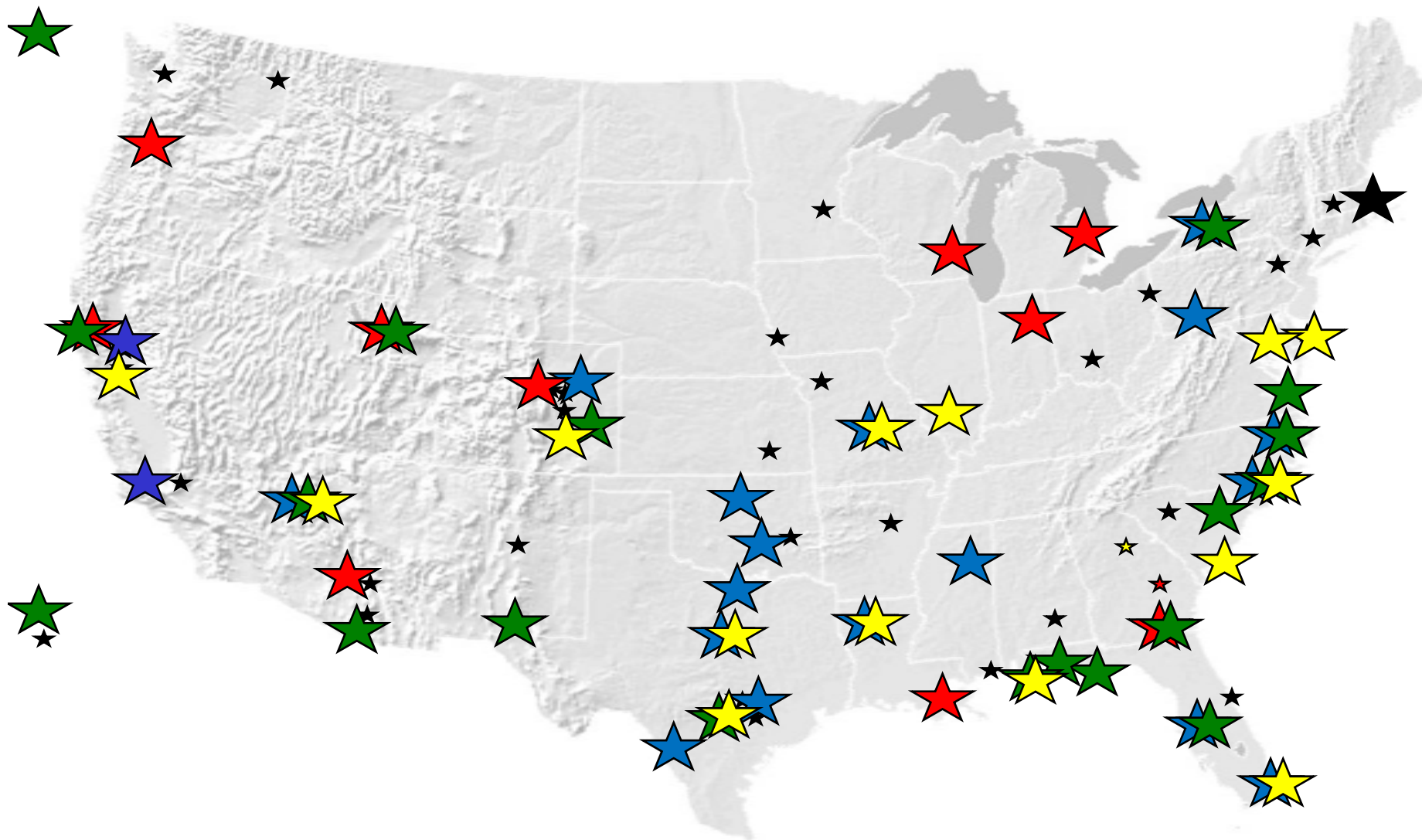


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# TFI Phase 3/4 ★

Transform

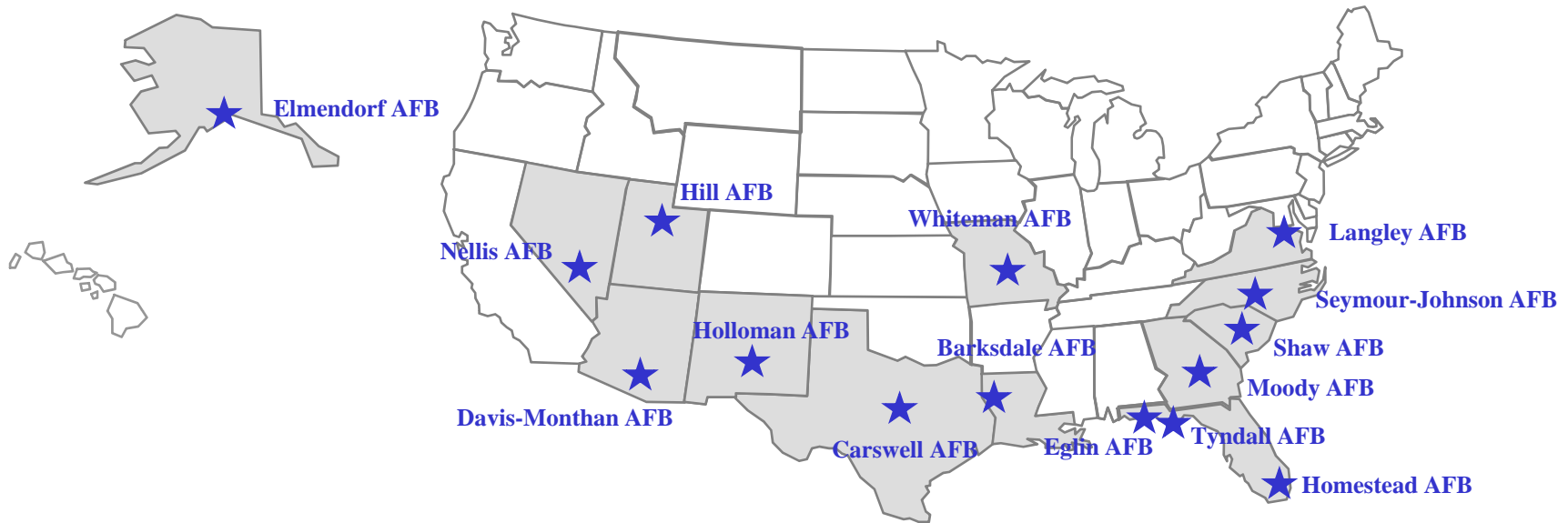


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# TFI CAF Initiatives

Transform

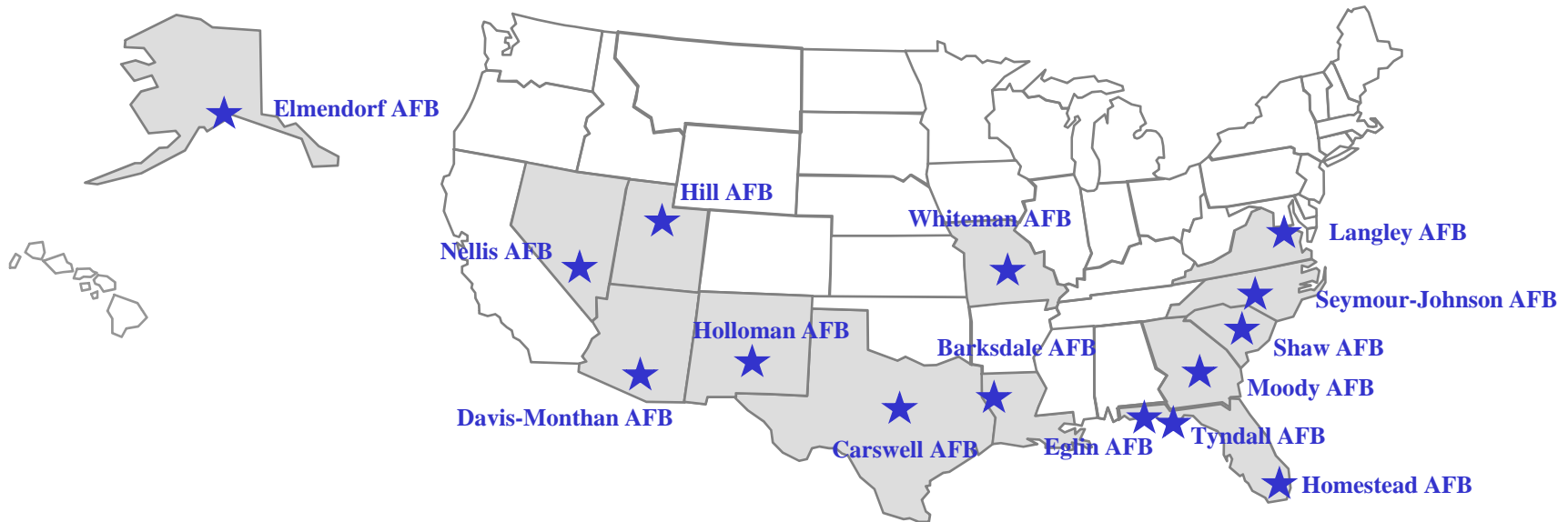


- Barksdale – Investigate A-10 Active Associate
- Carswell – Investigate F-16 Active Associate
- Homestead – Investigate F-16 Active Associate
- Whiteman – Investigate A-10 Active Associate
- Davis-Monthan – Establish A-10 FTU Associate
- Eglin – Establish Association w/ACC units
- Elmendorf – Establish F-22 Associate



# TFI CAF Initiatives

Transform



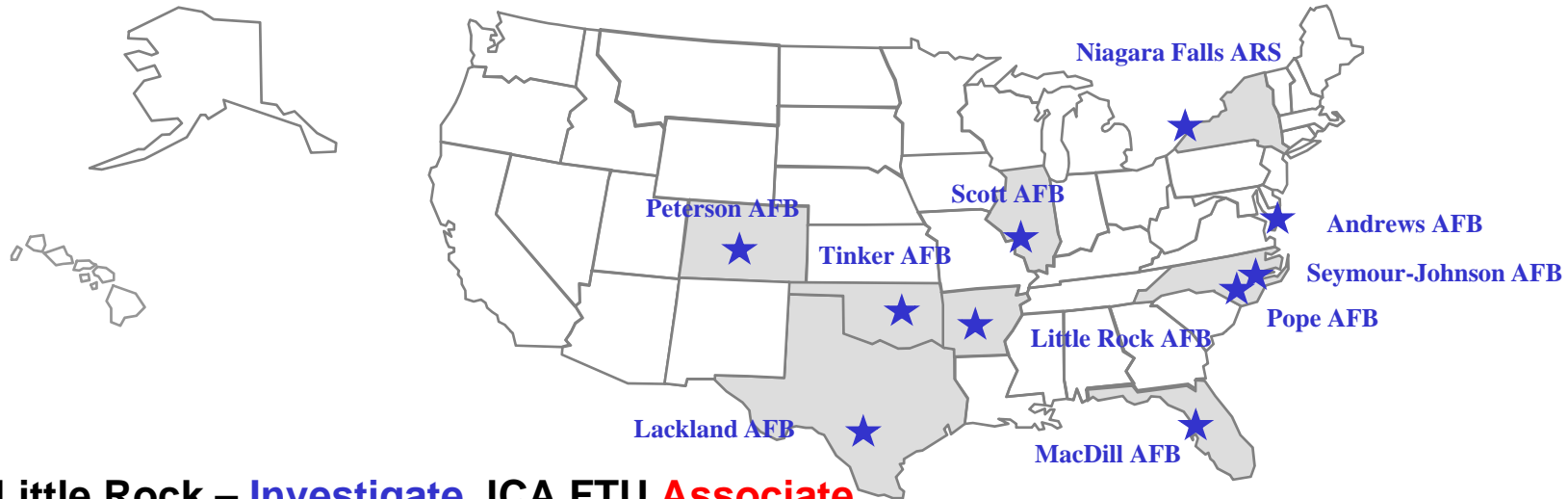
- Moody – Establish A-10 Associate
- Hill – Establish F-16 Associate (BRAC)
- Holloman – ANG/AFRC Joint OCR to Establish F-22 Associate
- Langley – Continue F-15 Association
- Nellis – Robust Associations w/USAFWC
- Seymour Johnson – Establish F-15E Associate
- Shaw – Robust F-16 Association
- Tyndall – Establish F-22 FTU Associate

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# *TFI MAF Initiatives*

Transform



- Little Rock – Investigate JCA FTU Associate
- Peterson – Establish C-130 Active Associate
- Andrews – Establish AD/ANG/AFRC Association
- Lackland – Establish AFRC C-5 FTU
- MacDill – Establish KC-135 Associate (BRAC)
- Niagara Falls – Establish C-130 ARC Associate (BRAC)
- Pope – Establish C-130 Active Associate (BRAC)
- Scott – Establish C-40 Active Associate
- Seymour Johnson – Establish KC-135 Active Associate (BRAC)
- Tinker – Establish KC-135 ARC Associate (BRAC)

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# *TFI C2ISR/Space Initiatives*

Transform



- Beale – **Establish** DGS-2 **Associate**
- Beale – **Establish** Global Hawk Maint and Ops **Associate**
- Beale – **Establish** PACAF AFFOR
- Hurlburt – **Establish** AFRC AOC augmentation unit in support of SOCOM
- Peterson – **Establish** Rapid Attack, Identification, Detection, Reporting System (RAIDRS) **Associate**
- Schriever – **Establish** Space-Based infrared System Mission Control Station-Backup (SBIRS MCS-B) **Associate**
- Vandenberg – **Robust Associate** Space Group to support Joint Space Ops Center

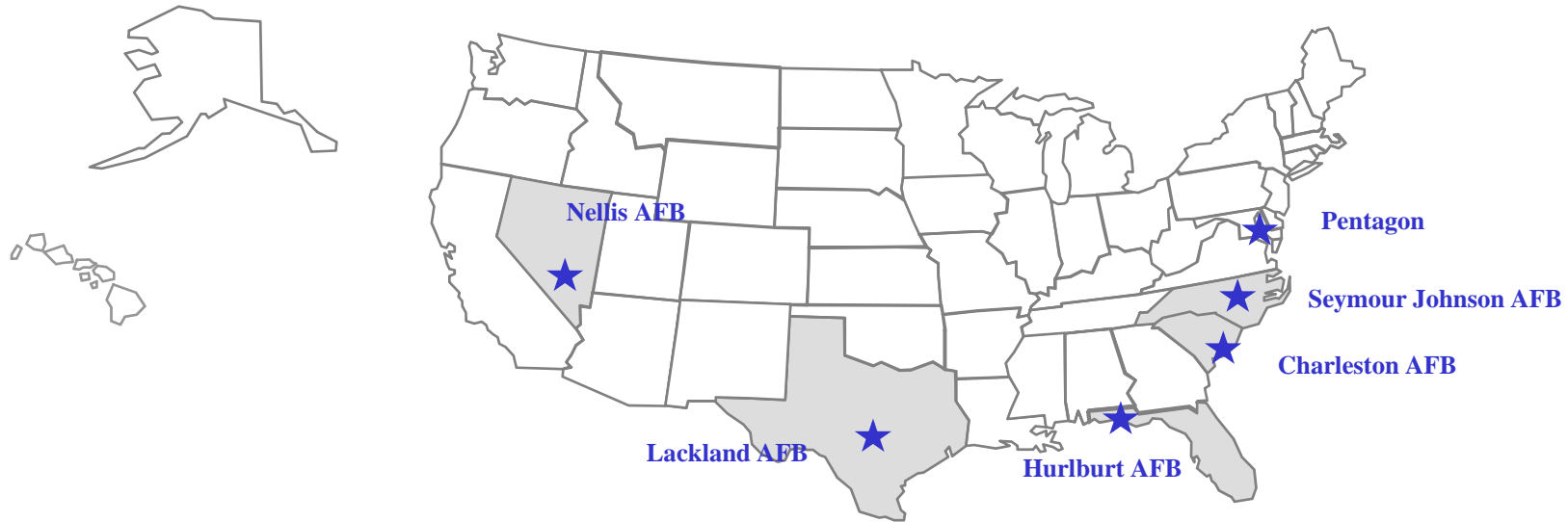
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# Other TFI Initiatives

Transform

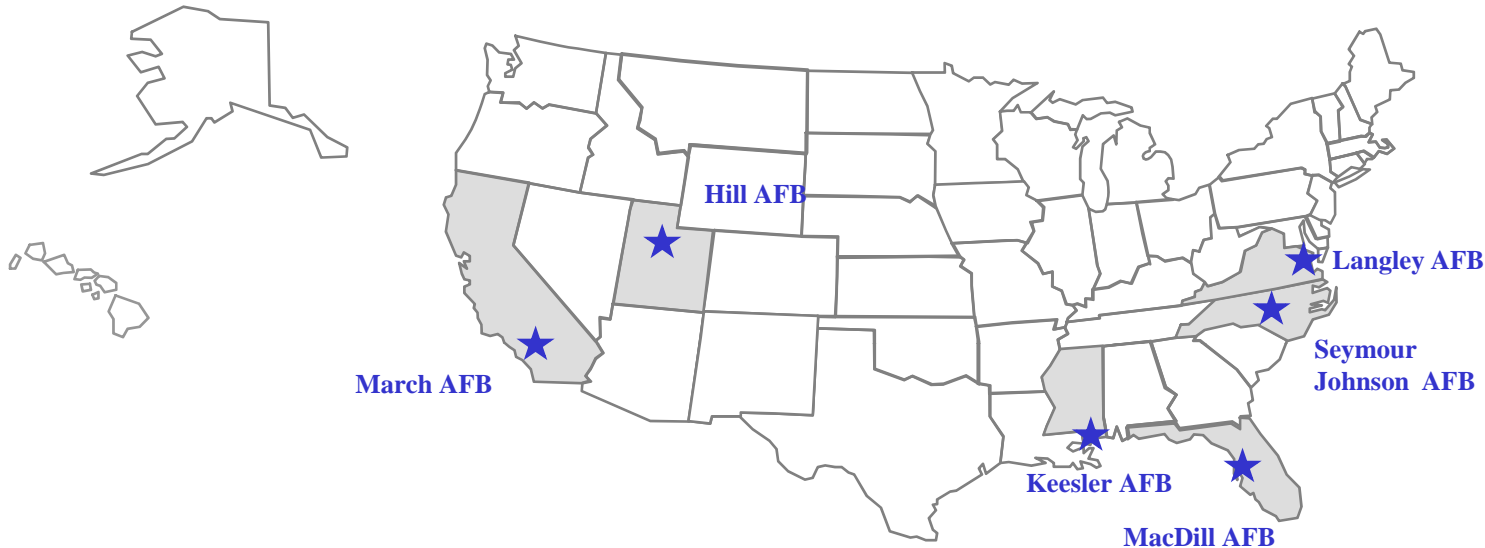


- Hurlburt – Investigate AFRC Associate Wing with AFSOC
- Hurlburt – Establish AFRC Associate RED HORSE
- Charleston – Establish Active Associate RED HORSE
- Nellis – Establish AFRC Associate RED HORSE
- Seymour Johnson – Establish Active Associate RED HORSE
- Lackland – Investigate integrated Total Force Enlisted Aircrew Center of Excellence
- Pentagon – Investigate integrated Total Force in AF/A8



# Future TFI?

Transform



- Keesler – C-130 Active **Associate**
- March – KC-135 Active **Associate**
- Hill – F-35 Classic **Associate**
- MacDill – KC-X Classic **Associate**
- Seymour Johnson – KC-X Active **Associate**
- Langley – DGS-1 Classic **Associate**

Note: AMC has initiated plans to associate at Keesler, March, and Peterson flying/maintenance squadrons



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***We are Transforming the way  
we  
Project  
Air, Space and Cyberspace  
Power***



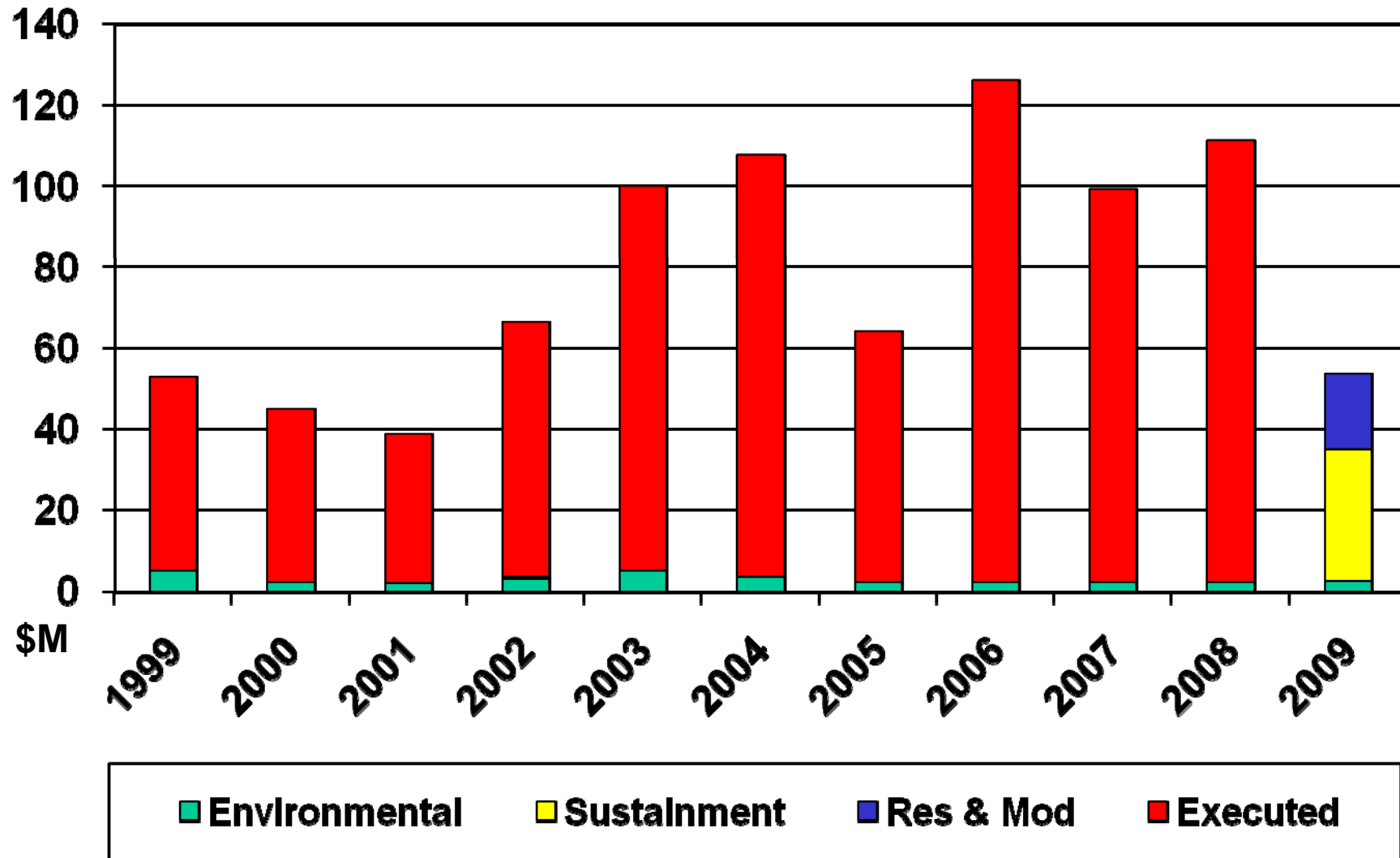
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***It is hard to enable Air, Space &  
Cyberspace Power  
without an Air Base—a  
warfighting platform...***

***Knowing how to obtain resources to  
build, sustain and protect a  
warfighting platform is important***



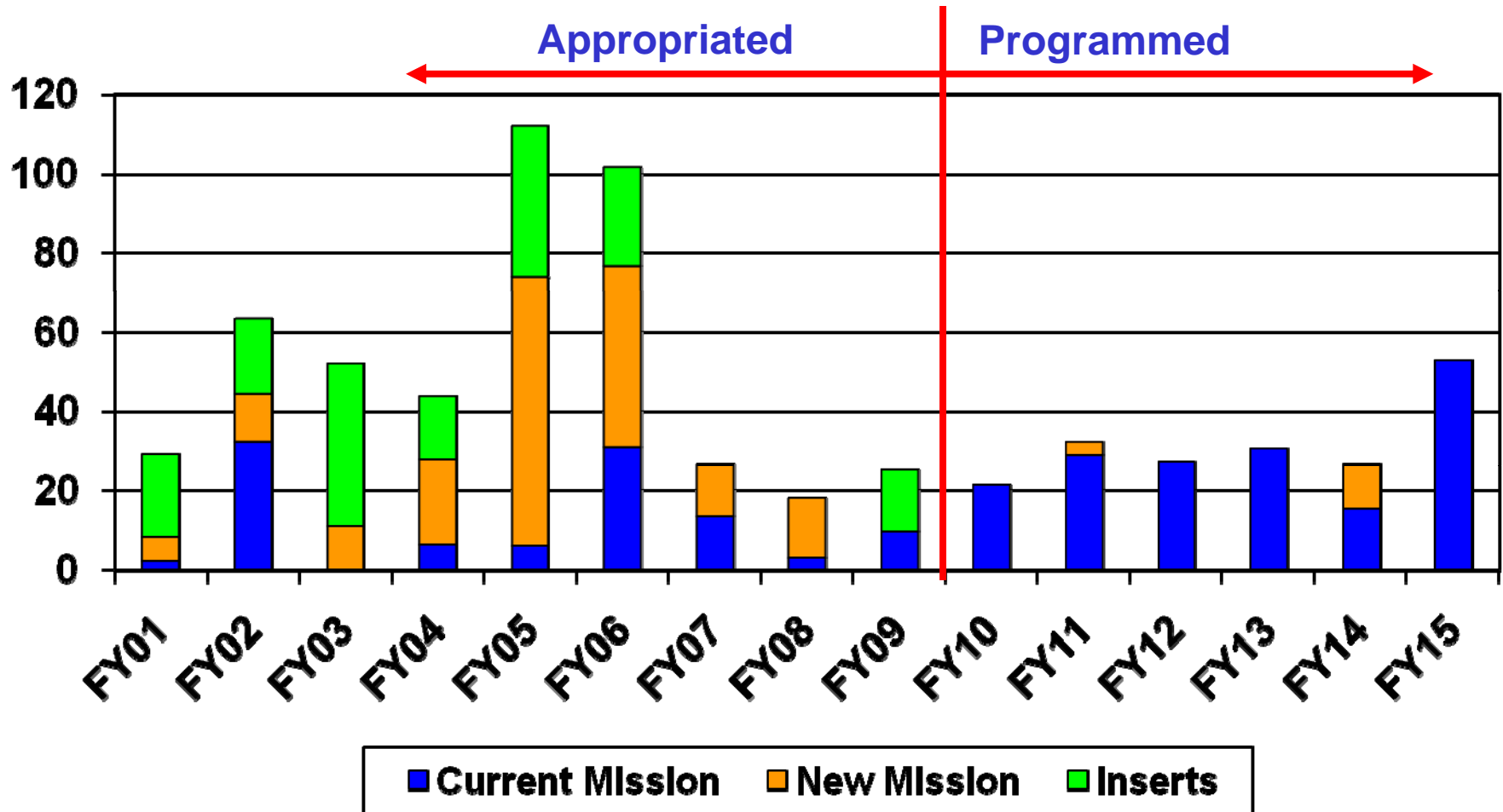
# *O&M Facility Program Profile*



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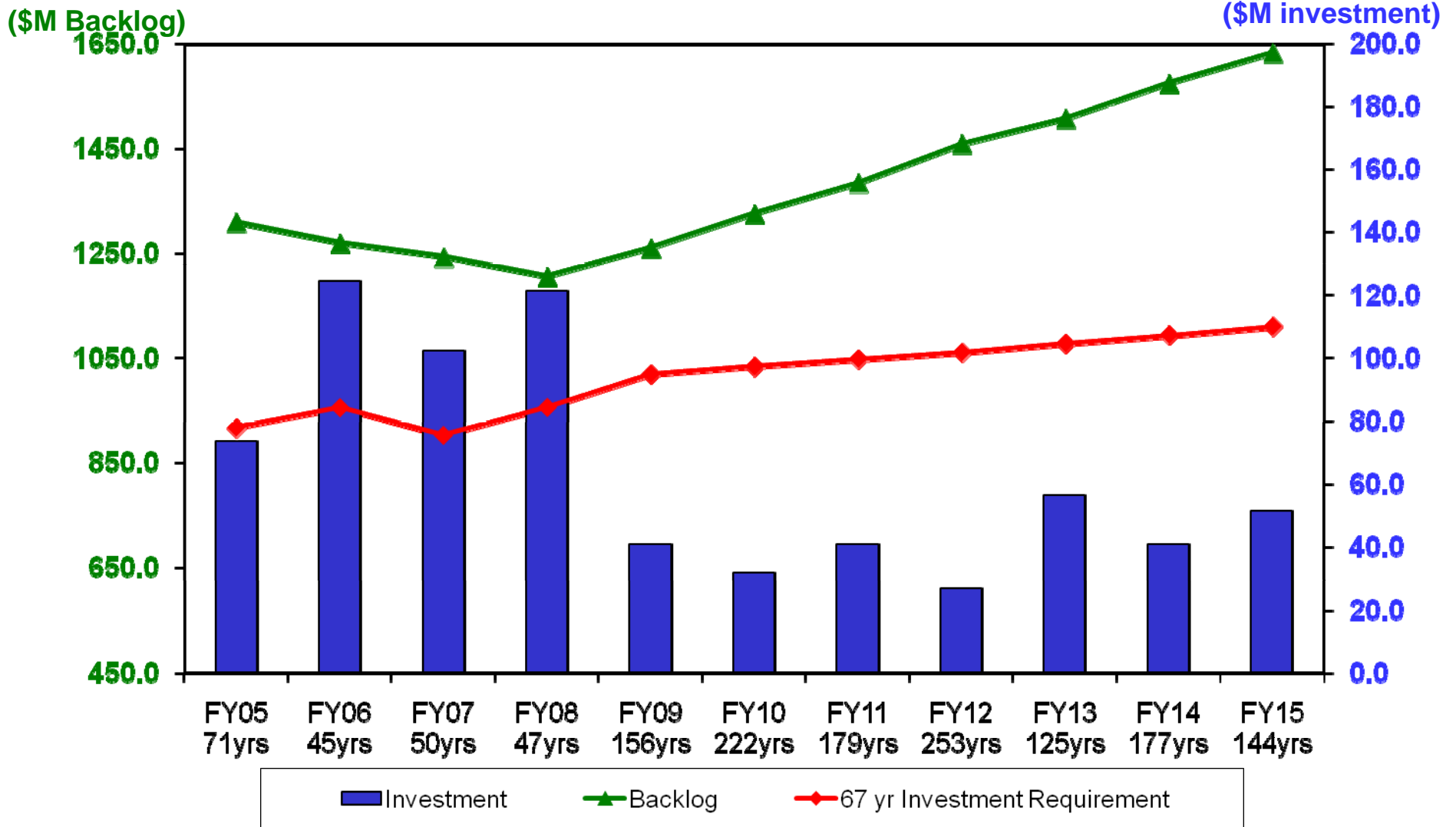
# AFRC MILCON Profile



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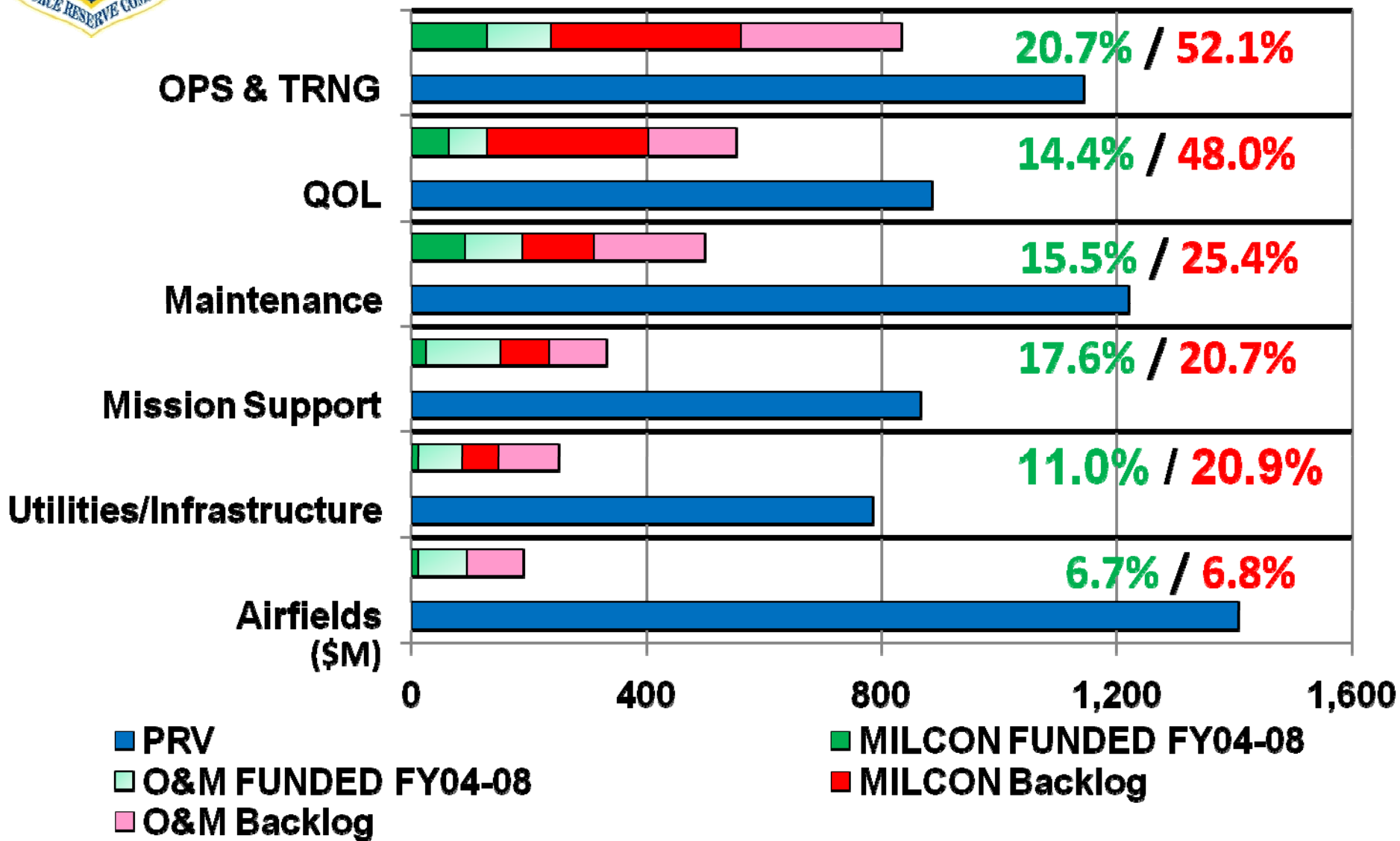


# Infrastructure Recapitalization Profile





# Funding/Backlog vs. PRV



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# Why Change AF CE Planning?

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- **Need to fund modernization**
  - 14% decrease in CE funding (20% decrease in buying power) over last 2 years
- **Executive Order 13423: Strengthening Federal Environmental, Energy, and Transportation Mgt**
  - Reduce water consumption
  - Improve energy efficiency
  - Green construction and major renovations
- **Executive Order 13327: Federal Real Property Asset Management**
  - “develop and implement an asset management planning process”
- **Federal Facilities Council of Nation Research Council:**
  - Four studies on infrastructure management (2004-8)



# ***Asset Mgt Planning Approach***

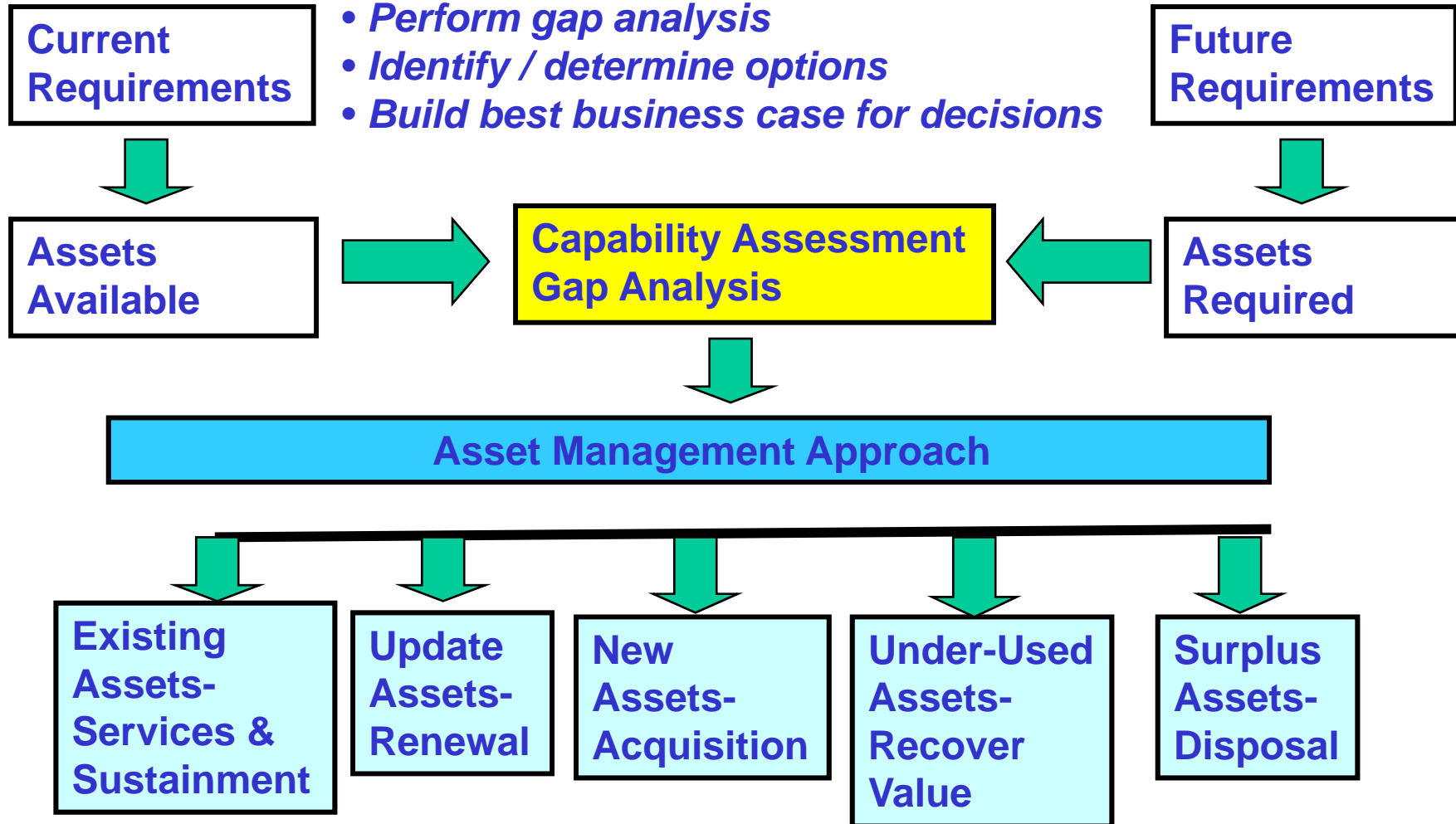
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- ***A structured, standardized approach to maximize value and utility of built & natural assets***
- **Manage assets across the AF: not by base, MAJCOM, or program (holistic, portfolio perspective)**
- **Standardized processes, levels of service across the AF**
- **Use of IT to analyze data, drive key performance indicators**
- **Risk based decision making**
- **Spending scarce dollars at the right place and right time for maximum effect**
  - **YES, it will become an resource allocation tool at AF**



# Asset Mgt Process

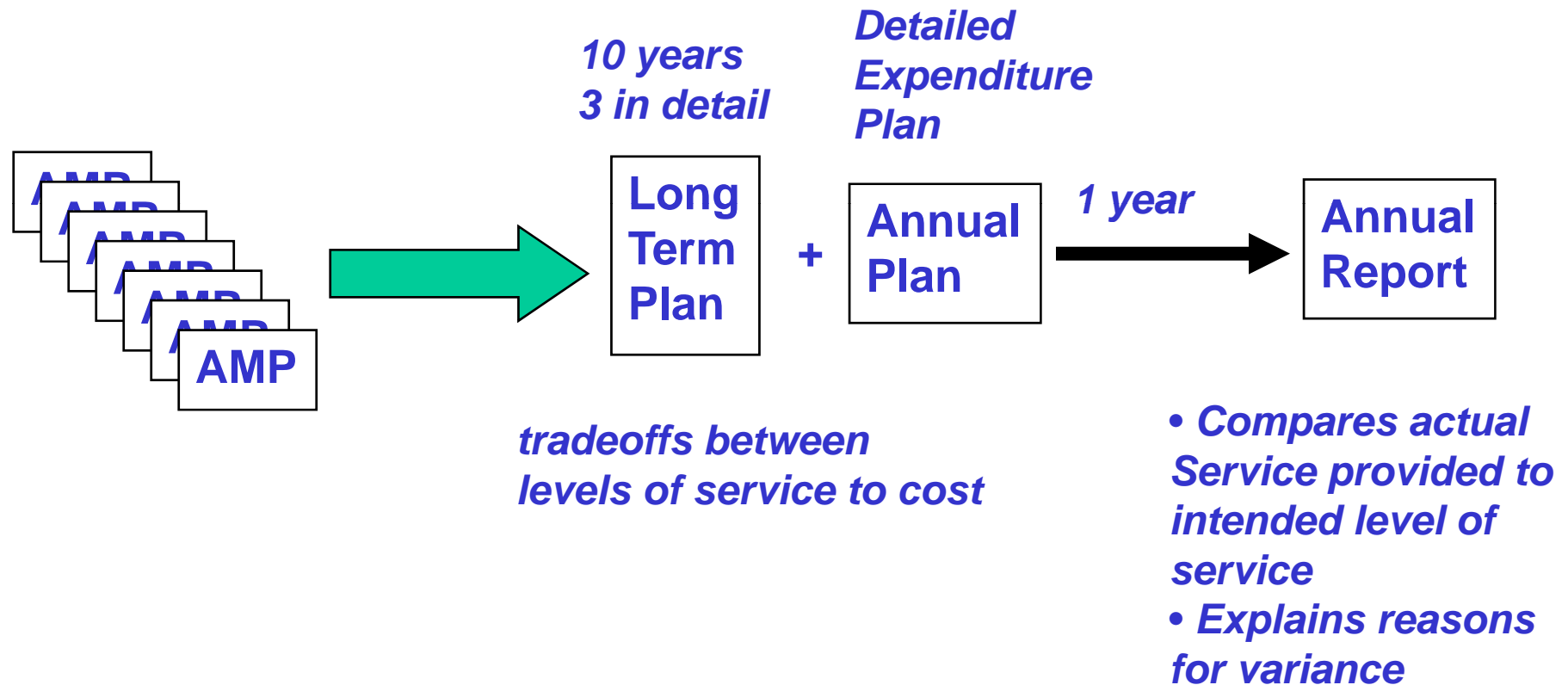
- Determine future requirements
- Determine current resources & capacity & condition
- Perform gap analysis
- Identify / determine options
- Build best business case for decisions





# Activity Mgmt Plan Process

***Previous ways of planning, programming, & operating replaced by this consistent & structured system***



***AMPs revised based on decisions***



# Consolidated Activity Mgt Plans

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- **Provide Facilities**
  - Facilities
  - Custodial services
- **Provide Utilities**
- **Provide Pavements - roads and airfields**
- **Provide Natural Infrastructure**
  - Land and Grounds Maintenance
  - Environment
- **Provide Waste Management**
  - Integrated Solid Waste
  - Hazardous Waste



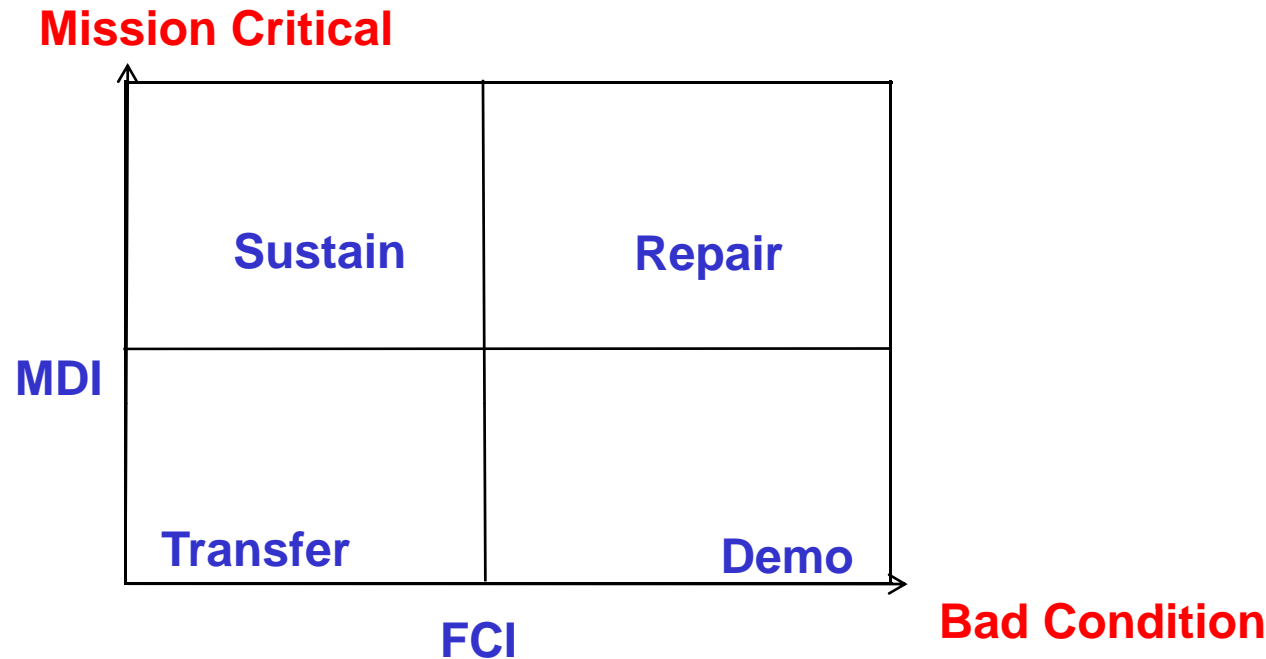
# Asset Mgt Standardization Enablers

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- **Mission Dependency Index (MDI)**
  - Relative Mission Importance & Mission Risk
  - Evaluated Navy, USCG, NASA, and NPS methods
  - Identified Navy method as best
  - Implement simplified interim MDI to support AMPs
- **Facility Condition Index (FCI)**
  - Reviewed MAJCOM facility assessment approaches
  - Methods not standardized and results mostly not in ACES-PM
    - Leads to artificially good Q-ratings and low deferred mx
    - Difficult to identify future requirements for AMPs
  - AF A7CA working with AFCESA to develop standardized process
- **Levels of Service (LOS)**



# FCI + MDI Application



- FCI provides magnitude and urgency of requirements
  - Prioritizes and facilitates RM, WM
- MDI provides mission importance and mission risk
  - Justifies scarce resources -- prioritizes requirements



# Asset Mgt Standardization Enablers

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- **Levels of Service (LOS)**
  - **Foundation of Asset Mgt**
  - **Currently not standardized beyond the Big 3; Custodial, Refuse, Grounds Maintenance**
- **Draft LOS developed in cooperation with AF technical advisors**
  - **Not set in stone--will be refined during Activity Mgt Plans deployment**
    - **Requests for variations and base feedback**
    - **Results of reporting against targets**
  - **Will coordinate formally after refinement**



# Asset Mgt Implementation

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- ✓ ***Air Force mandate***
- ✓ ***Achieve buy-in of AM approach***
- ✓ ***Facilitate organizational change management***
- ✓ ***Reliable / usable data to support 2012 POM***
- ✓ ***Minimize cost and disruption to installations***

100% Contractor

100% Air Force



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## **“Mission”**

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- If you walk on it,**
- ... drive on it,**
- ... eat in it,**
- ... sleep in it,**
- ... work in it,**
- ... connect electricity, water, drainage, sewage to it**
- ... designing, contracting, constructing it**
- ... maintain aircraft in it,**
- ... fly aircraft or launch spacecraft off it,**
- ... land aircraft on it,**
- ... operate in cyberspace out of it,**
- ... protect it from fire, EOD or CBRNE**



## “Mission”

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If you walk on it,  
... drive on it,  
... eat in it,

***CE Enabling Air, Space  
& Cyberspace Power!***

... fly aircraft or launch spacecraft off it,  
... land aircraft on it,  
... operate in cyberspace out of it,  
... protect it from fire, EOD or CBRNE



# Questions ?

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AIR FORCE RESERVE

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