Air Force Reserve Command

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

“Asset Management in the Air Force Reserve Command”

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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

- 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

HOST BASES
- Dobbins ARB GA
- Grissom ARB IN
- Homestead ARB FL
- Westover ARB MA
- March ARB CA
- Minn-St Paul ARS MN
- Niagara Fall ARS NY
- Pittsburgh ARS PA
- Youngstown ARS OH
- NAS JRB Ft Worth TX

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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

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TFI Phase 1/2

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TFI Phase 3/4

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TFI CAF Initiatives

- 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

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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
TFI MAF Initiatives

- 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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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

- 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

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Future TFI?

- 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
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
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AFRC MILCON Profile

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Infrastructure Recapitalization Profile

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Funding/Backlog vs. PRV

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Why Change AF CE Planning?

- 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

- 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

Current Requirements

Assets Available

Capability Assessment

Gap Analysis

Future Requirements

Assets Required

Asset Management Approach

Existing Assets - Services & Sustainment

Update Assets - Renewal

New Assets - Acquisition

Under-Used Assets - Recover Value

Surplus Assets - Disposal

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Activity Mgmt Plan Process

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

- Long Term Plan
  - 10 years
  - 3 in detail
  - tradeoffs between levels of service to cost

- Annual Plan
  - 1 year

- Detailed Expenditure Plan

- Annual Report

- AMPs revised based on decisions

• Compares actual Service provided to intended level of service
• Explains reasons for variance

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Consolidated Activity Mgt Plans

- 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

- **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

- 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

✓ 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
“Mission”

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
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CE Enabling Air, Space & Cyberspace Power!

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Questions ?