

United States Air Force Reserve

Integrity – Service – Excellence

Air Force Reserve Facility Update Briefing



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Civil Engineer Division
17 Jan 24**



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Overview

- **AFRC Overview**
- **Facility Investment Programs (FSRM, MILCON)**
- **Environmental Programs**
- **Energy/Installation Resilience (Inside Out/Outside In)**
- **Points of Contact**



AFRC Overview

Mission & Vision Statements

Air Force Reserve

MISSION

Provide Combat-Ready Forces to Fly ,Fight and Win

VISION

Reserve Citizen Airman – an agile, combat ready force answering our nation's call...always there!

Logistics, Engineering & Force Protection

MISSION

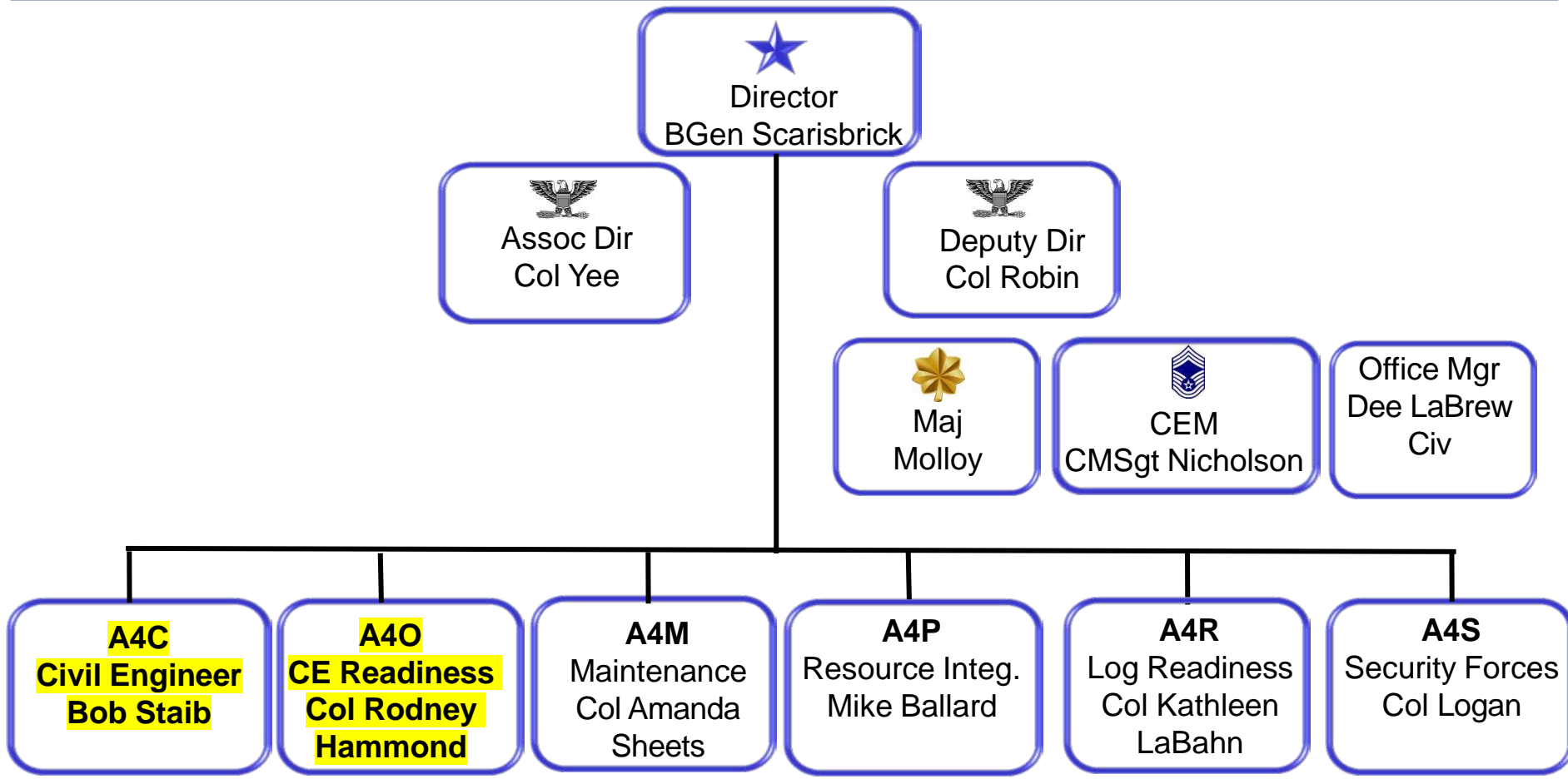
Provide ready Airmen and strategic depth across the spectrum of A4 capabilities To Fly, Fight and Win

VISION

One agile, resilient team of Logisticians, Engineers, and Defenders serving our Nation

AFRC Overview

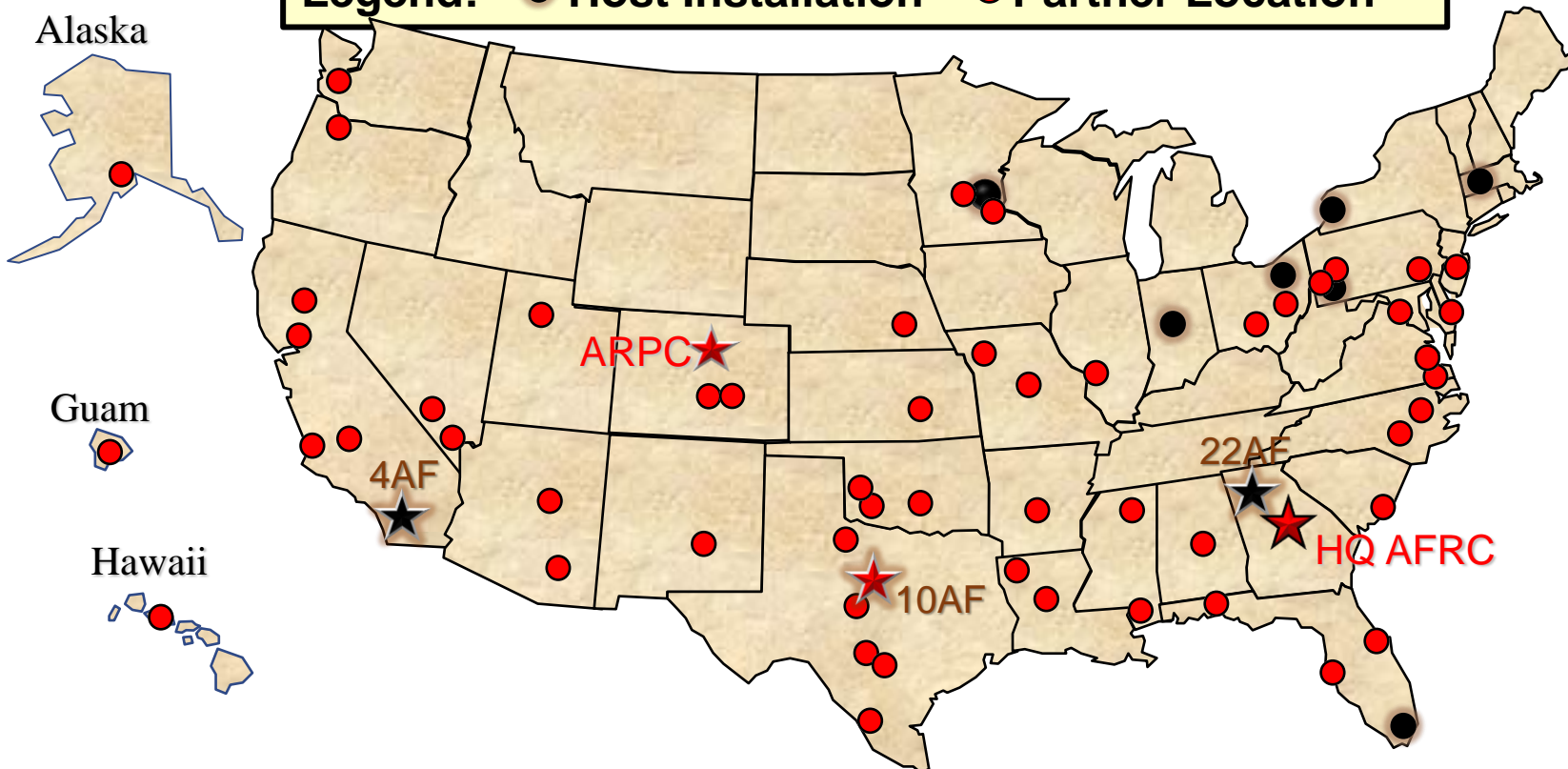
AFRC/A4 Key Leadership



AFRC Overview

Engineer Responsibility - Footprint

Legend: ● Host Installation ● Partner Location



9 Host installations – 57 Partner Locations/Ranges

**33 Flying Wings, 12 Flying Groups, 1 Space Wing
Over 70K Citizen Airmen**

\$8.19B Plant Replacement Value, 21K Acres, ~3K Facilities



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AFRC Overview

FY23 In Review

- **Recent MILCON program TOA**
 - FY17 - 22: 41 projs, \$710M (ave \$118M/yr)
 - NDAA adds; \$276M, 12 projs + UMMC & P&D
 - FY23: 4 projs, \$42M (NDAA +\$56M; 4 projs, P&D, CTC, inflations)
 - FY24: TBD...
- **Four major weapon system beddowns in progress**
 - F-35A @ NAS JRB Fort Worth, TX
 - MH-139 @ Maxwell AFB, AL
 - KC-46A MOB 5 @ March ARB, CA
 - C-130J @ Youngstown ARS, OH
- **FSRM program execution**
 - FY23: 126 projects, \$114.6M (includes design)
 - 44% above PB; ~1.5% of PRV...had \$61M+ ready, unfunded

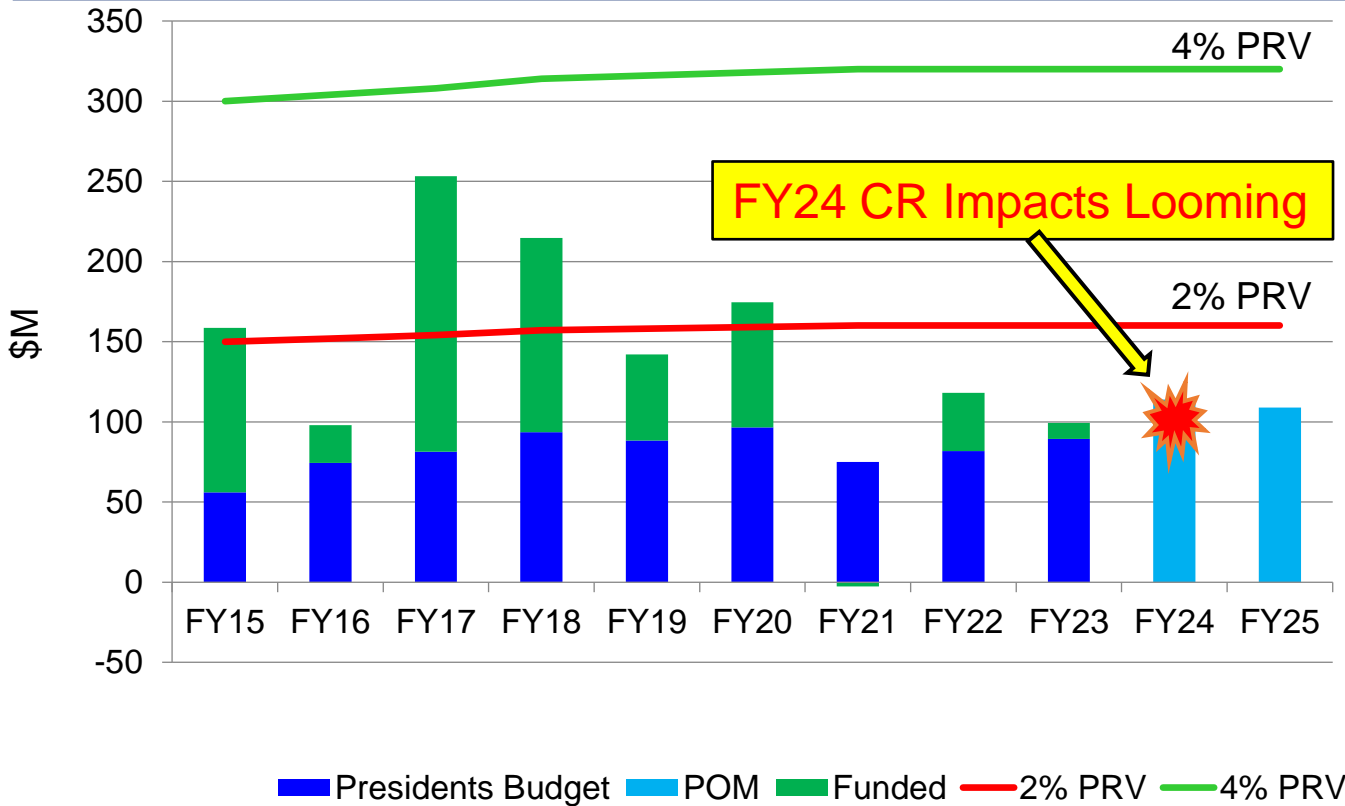
Total Recap Investment = 2.7% PRV (includes CM MILCON & FSRM)



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Facility Investment Programs

FSRM Program Funding



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Analysis

- FY22 PB: \$81.8M
- FY22 FSRM CTO appr'd to cover 4% PRV
- Executed \$118M; 1.5% PRV
- 6 yr obs avg: \$159M/yr
- Execution goal:
 - 2-4%PRV (\$160-320M)
 - Buy down \$1B O&M FOCUS-validated bk/log
- Requirement (2% PRV) under-programmed
- Budget constraints drive IPL discipline

Countermeasure

- Target mission impacting facilities w/ condition degradation
- Awarded new IDIQ contracts to enhance execution options

Details

Objective: Recapitalize AFRC facilities to meet critical mission requirements

Measures: Program funding vs. 2%-4% PRV (\$144-\$288M/yr) to maintain facilities

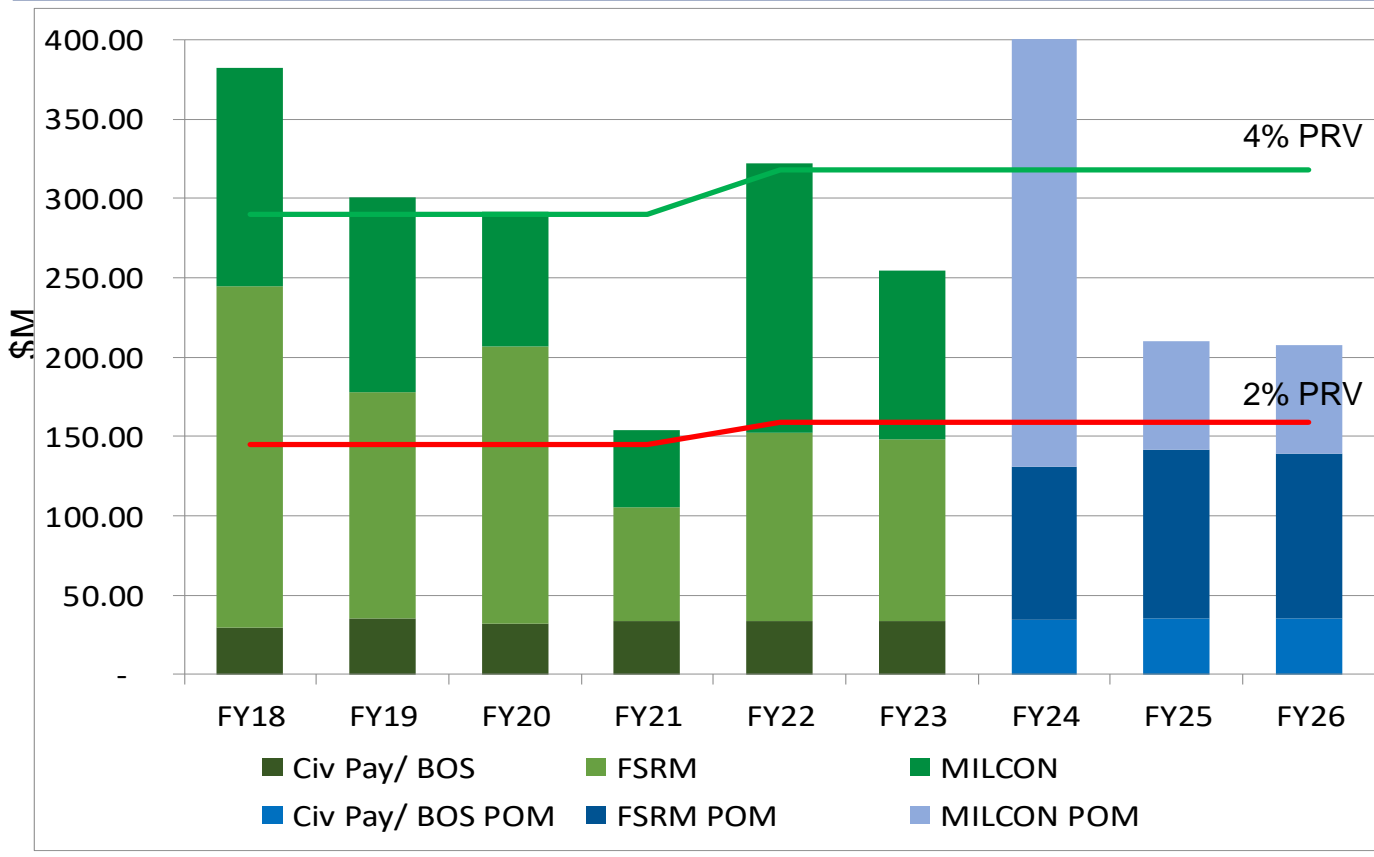
Data Source: Execution, FY21 PB, POM

Investing 2-4% of PRV - Keep Good Facilities Good



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Facility Investment Programs Recapitalization Investment



ASSESSMENT

Analysis

- FY22 Facility Investment
- FSRM \$118M
- CM MILCON \$128M
- Recap investment
- **3.4% PRV**

Countermeasure

- Target mission impacting facilities w/ condition degradation
- Execution goals
 - Minimum 2% PRV,
 - Target ave 4%PRV
- Buy down \$2B Total O&M FOCUS-backlog

Details

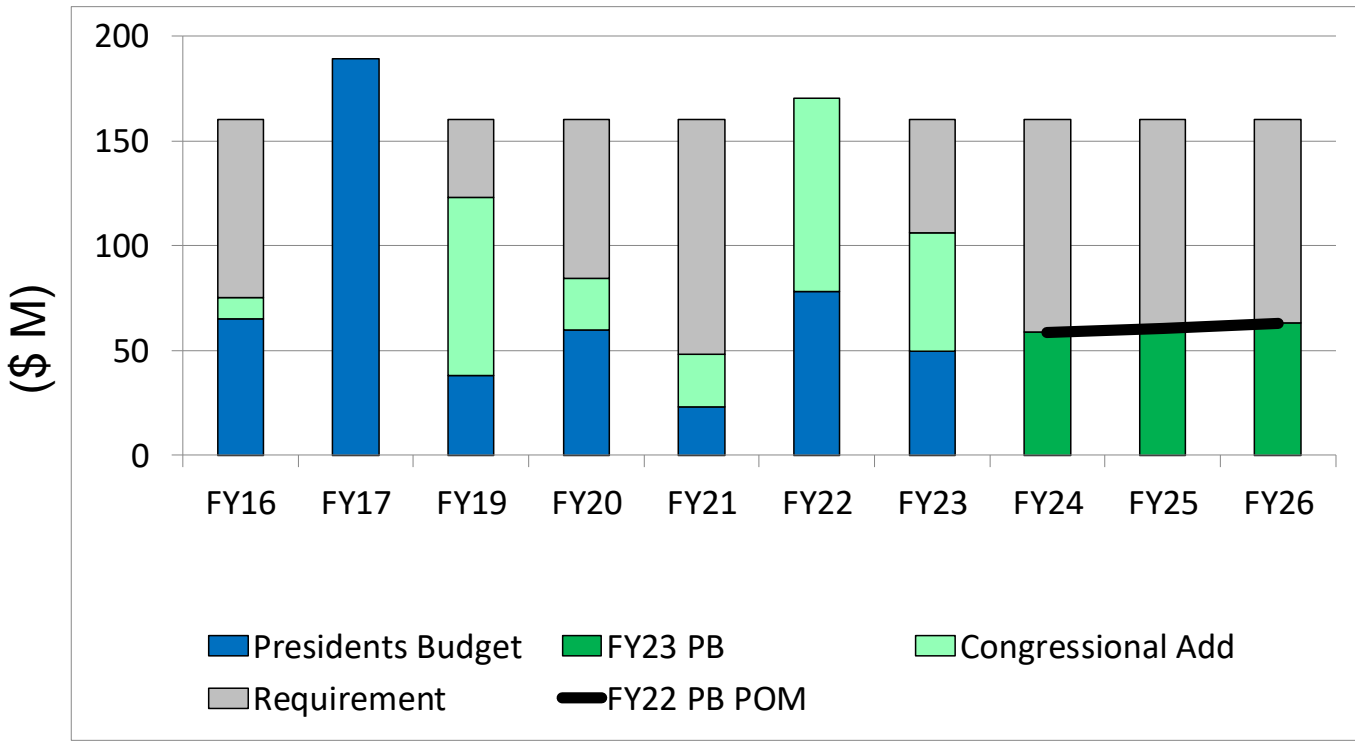
Objective: Recapitalize AFRC facilities to meet critical mission requirements
Measures: Program funding vs. 2%-4% PRV (\$163-\$327M/yr) to maintain facilities
Data Source: Execution, FY22 PB; POM

Goal: Invest 2-4% of PRV per year to maintain Physical Plant



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Facility Investment Programs MILCON Program Funding



ASSESSMENT

Analysis

- Ave MILCON funding past 6 yrs = \$118M/yr
- FY20 – Congressional adds = \$24.8M; 2 Projs
- FY21 – Congressional add = \$25M NM F-35 Squad Ops
- FY22 – Congressional add = \$71M; 3 projs
- FY23 – Congressional add = \$56M; 4projs
- HAF committed to ARC equity each yr of FYDP

All numbers are programmed amounts and include P&D and P341 funds

Details

Objective: Recapitalize AFRC facilities to meet critical mission requirements
Measures: Program regular, P&D, and UMMC funding vs. \$160M requirement to buy down \$890M backlog, ensure minimum of 2% PRV (recap MILCON+FSRM)
Data Source: Execution, FY19-21 PB, FY22 PB POM

Countermeasure

- Ensure min equity 2.8% of TOA
- Ensure priorities reflected in FYDP project list



Facility Investment Programs

MILCON FY22-23 Current Program

FY (XX)	Base	State	Title
22	Niagara Falls ARS	NY	Main Gate
22	Patrick AFB	FL	Recovery Flight Simulator
22	Homestead ARB	FL	Corrosion Control Facility & Wash Rack
22	Minneapolis-St Paul ARS	MN	Mission Support Group Facility
22	Beale AFB	CA	940 ARW SQ OPS & AMU Complex
22	Grissom AFB	IN	Logistics Readiness Complex
22	Youngstown ARS	OH	Assault Runway
23	Tinker AFB	OK	10 th Flight Squad Ops/AFE
23	Davis-Monthan AFB	AZ	610 CAC Admin Facility
23	Kessler AFB	MS	AES Training Facility
23	Langley AFB	VA	AFRC Intelligence

 Added via NDAA process

Congressional Adds in FY22 Make Room for KC-46 Beddown in FY24



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Facility Investment Programs

Future FYDP MILCON Projection

FY (XX)	Base	State	Title
24	KC-46 MOB 5 TDB		Multiple projects
24	JRM-Andersen	Guam	Aerial Port Facility
24	Fort Worth	TX	LRS Warehouse
	Barksdale	LA	317 BW Medical Facility Addition
	Davis-Monthan	AZ	Guardian Angel POTFF Facility
	Grissom ARB	IN	Indoor Small Arms Range
	Youngstown	OH	Base Fire Station
	Dobbins	GA	Security Forces Facility
	Dover	DE	512 Operations Group Facility
	JB San Antonio	TX	C-5 AGE Maintenance Facility

Notional Program: Pending Future Adjustments



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Facility Investment Programs

Future FYDP MILCON Projection (cont.)

FY (XX)	Base	State	Title
	Homestead	FL	AGE Facility
	Dobbins	GA	94 Logistics Readiness Sq Facility
	Westover	MA	Extend Taxiway Golf
	Dobbins	GA	CE Group & Security Forces Facilities
	Pittsburgh	PA	Combat Arms Training & Comm Facilities
	Charleston	SC	Aeromedical Evacuation Facility

Notional Program: Pending Future Adjustments



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Facility Investment Programs

Recent UMMC Awards

Base	State	Title	PROGRAM COST (\$000)
Maxwell AFB	AL	MH139 OG Facility	7,200
Patrick AFB	FL	Addition to 39 RQS B673	2,864
JBLM	WA	Civil Engineer Traing Area	3,700
JBLM	WA	Security Forces Training Anex	3,200
Whiteman	MO	Control Tower / Flank Tower	3,750
Davis Monthan	AZ	924 Squad Ops 47 FS	5,700

Congressional Adds in FY22 Make Room for KC-46 Beddown in FY24

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Facility Investment Programs

Future UMMC Projects



Base	State	Title
Peterson	CO	Addition to B207 for 302 OSS/AFE
Minn St Paul	MN	Vehicle Inspection
Homestead ARB	FL	Bomb Assembly Facility
Minn St Paul	MN	EOD Addition
Minn St Paul	MN	Add/Alter B820 AGE Facility
Beale AFB	CA	Aircrew Readiness Facility
Westover ARB	MA	Bio Environmental Facility
Duke Field	FL	Medical Training Facility
Seymour Johnson	NC	4517 Addition

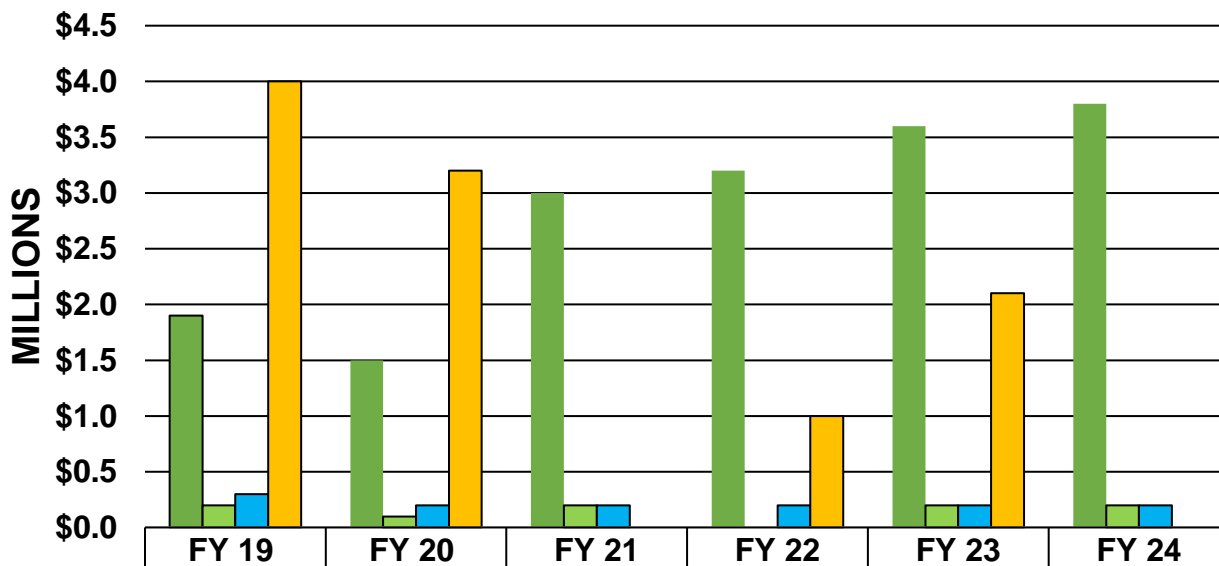
Notional Program: Pending Future Adjustments



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Environmental Programs FY23/FY24 Funding

ENVIRONMENTAL FUNDING



■ Compliance PB	\$1.9	\$1.5	\$3.0	\$3.2	\$3.6	\$3.8
■ Pollution Prevention PB	\$0.2	\$0.1	\$0.2	\$0.0	\$0.2	\$0.2
■ Conservation PB	\$0.3	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2
■ AFRC Insourced Funding	\$4.0	\$3.2		\$1.0	\$2.1	\$0.0





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Environmental Programs

PFOS/PFOA

- **Drinking water at all AFRC installations tested and meets EPA health advisory standards (70 ppt)**
- **Ground water Site Investigations found localized contamination at all AFRC installations**
- **Remedial Investigation efforts in progress**
- **Disposal of PFOS/PFOA containing material (i.e. soil, water, etc.) is a concern**
 - **Method/Cost**
 - **AF guidance required**
 - **Watching EPA guidance, potential move to 4ppt**
- **AF centrally manages PFOS/PFOA at AFCEC**

<https://www.afcec.af.mil/WhatWeDo/Environment/Perfluorinated-Compounds>



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Environmental Programs

Climate Planning Activity

- **DAF Climate Action Plan released 5 Oct 22**
- **AFRC incorporating climate assessments & Participating in HAF climate working groups**
- **Opportunities transitioning into action**
 - **Office of Local Defense Communities Cooperation (OLDCC) alternative for “climate” plans**
 - **Encourage communities to establish Military Installation Resiliency Review (MIRR)**
 - **Three funded**
 - **Three approved for grant consideration**
 - **Target remaining three in FY24 Call**

Energy Programs

Installation Energy Plans (IEPs)



		AFRC IEP Tracker				
		Installation	Funded	Site Visit	20%/Wkshp	Final
Phase 1	Dobbins	Sep-21	Dec-21	Feb-22	Aug-22	
	Youngstown	Sep-21	Jan-22	Mar-22	Oct-22	
	Pittsburgh	Sep-21	Jan-22	Mar-22	Sep-22	
	Minn/St. Paul	Sep-21	Feb-22	Apr-22	Oct-22	
Phase 2	March	Jan-22	Apr-22	Jun-22	Dec-22	
	Westover	Jan-22	Jul-22	Sep-22	Mar-23	
	<i>Westover ERRE</i>	Apr-22	Jun-22	Aug-22	Aug-22	
Phase 3	Niagara Falls	Mar-22	Aug-22	Oct-22	Apr-23	
	Homestead	Mar-22	Nov-22	Jan-23	Sep-23	
	Grissom	Mar-22	Mar-23	Jun-23	Dec-23	
		Complete				
		Planned				
		Projected				

- Key foundational plan for Energy Assurance for the installation
- Identifies future requirements to close gap or improve Base Resiliency
- Contracted through Office of Energy Assurance w/ Army Corps of Engrs



Energy Programs

Installation Energy Plans (IEPs) Scoresheet

Mitigation Strategy Sets (MSS) and Resilience Score

Installation	Baseline	MSS1	MSS2
Dobbins	78	82	92
Grissom	83	94	95
Homestead	86	87	88
March	★ 67	71	82
Minn-St Paul	78	80	86
Niagara Falls	★ 60	61	62
Pittsburgh	79	88	90
Westover	78	86	86
Youngstown	87	91	92

Score Key: ■ 0-50 (low) ■ 51-80 (med) ■ 81-100 (high)

Analysis

- MSS1: Strategy sets funded and implementing
- MSS 2: Strategy sets planned and programmed
- Investments that improve BCI and 5Rs will be the priority
- IEP identifies how each MSS will impact each mission on installation

ASSESSMENT

Details

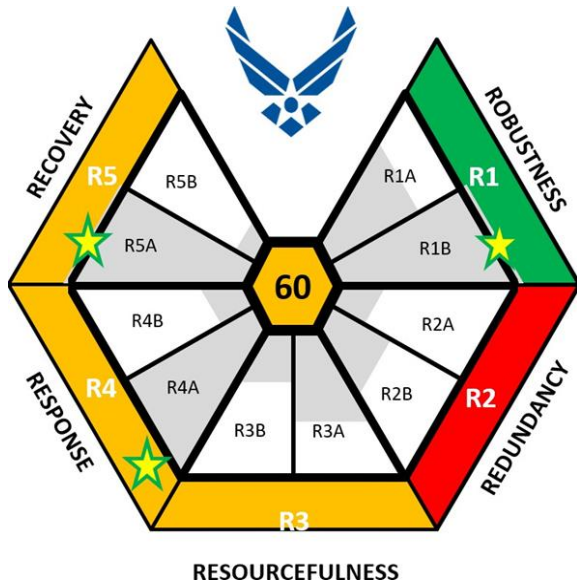
- Objective:** ■ Improve Installation Resilience
- Measures:** ■ 5Rs of Resilience Score Card
- Data Source:** ■ Installation Energy Plans



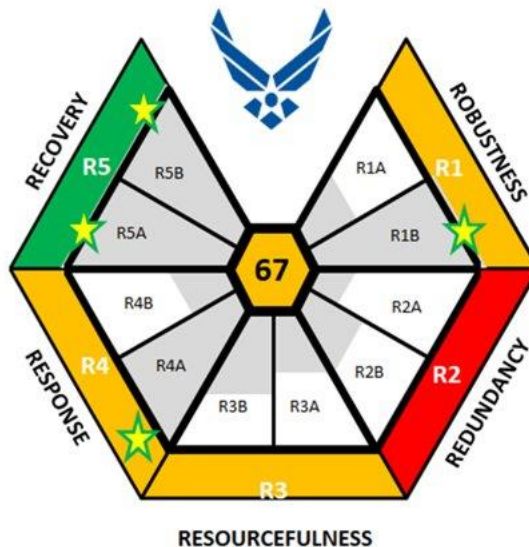
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Energy Programs Installation Energy Plans (IEPs) By Base

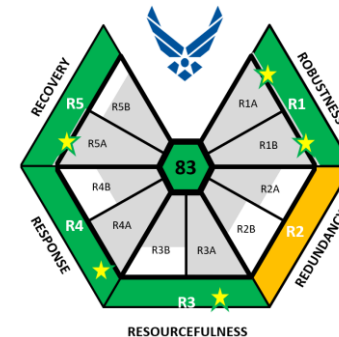
Niagara Falls



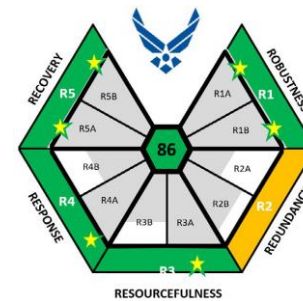
March



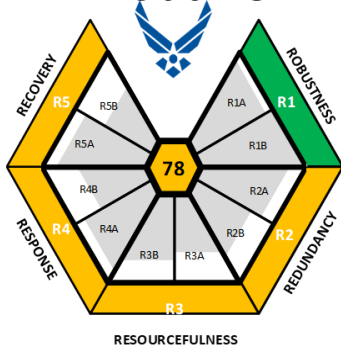
Grissom



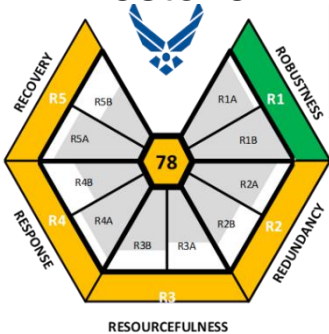
Homestead



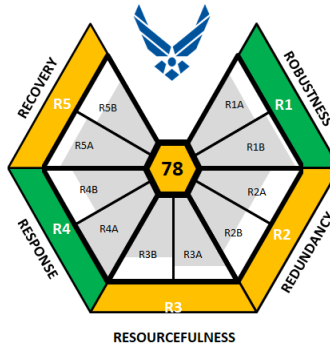
Dobbins



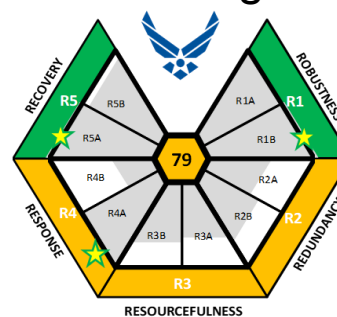
Westover



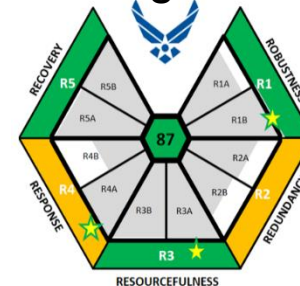
Minn-St Paul



Pittsburgh



Youngstown





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Installation Infrastructure Action Plan

- **Re-optimize for Great Power Competition**
- **SecAF update coming in Feb 2024 at AFA**
- **SecAF Decision Memo draft going through coord**
 - **Decision Memo to include near-term specific actions**
 - **Includes Installation Infrastructure Action Plan (I2AP)**
 - **Update to 2017 Infrastructure Investment Strategy (I2S)**

Pre-decisional – Pending SecAF Final Approval



Where Do I Get More Info?

- Request for Information (RFI)
- Sources Sought Synopsis
- Pre-solicitation Notices
- Award Notices
- Requests for Quotes/Proposals
 - Government-wide Point of Entry (GPE)
 - <https://sam.gov/>
 - <http://www.ebuy.gsa.gov>
 - AF Budgets – current and historical
 - <http://www.saffm.hq.af.mil/budget/index/asp>



HQ AFRC/A4C POCs

- **A4C: Civil Engineer Division; Mr Bob Staib**
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- **A4CD: Program Development; Mr Mike Klug**
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- **A4CM: Program Management; Mr Mike Coats**
michael.coats.5@us.af.mil; (478) 327-1068
- **A4CA: Environment/Asset Accountability; Mr Wilson Jones**
wilson.jones.2@us.af.mil ; (478) 327-1024
- **A4CO: Installation Operations; Mr Ray Knapek**
raymond.knapek@us.af.mil ; (478) 327-1030
- **Each AFRC unit has a Project Manager (PM) assigned for:**
 - **Program Development (project planning and approval)**
 - **Program Management (project award & construction)**



Discussion