



Luke Horizons Brief



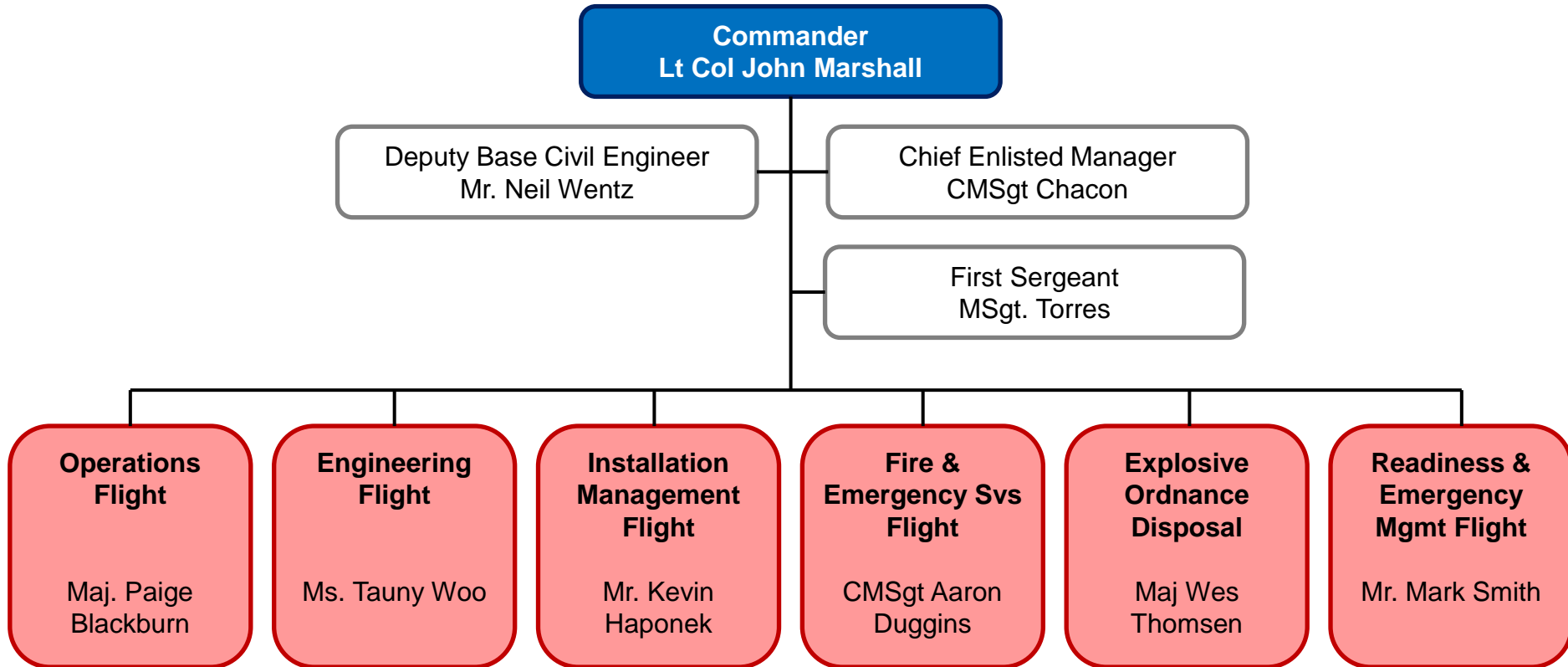
JOHN W. MARSHALL, Lt Col, USAF
Commander, 56th Civil Engineer Squadron

25 Jan 24



CES Organization

Fly, Fight, & Win



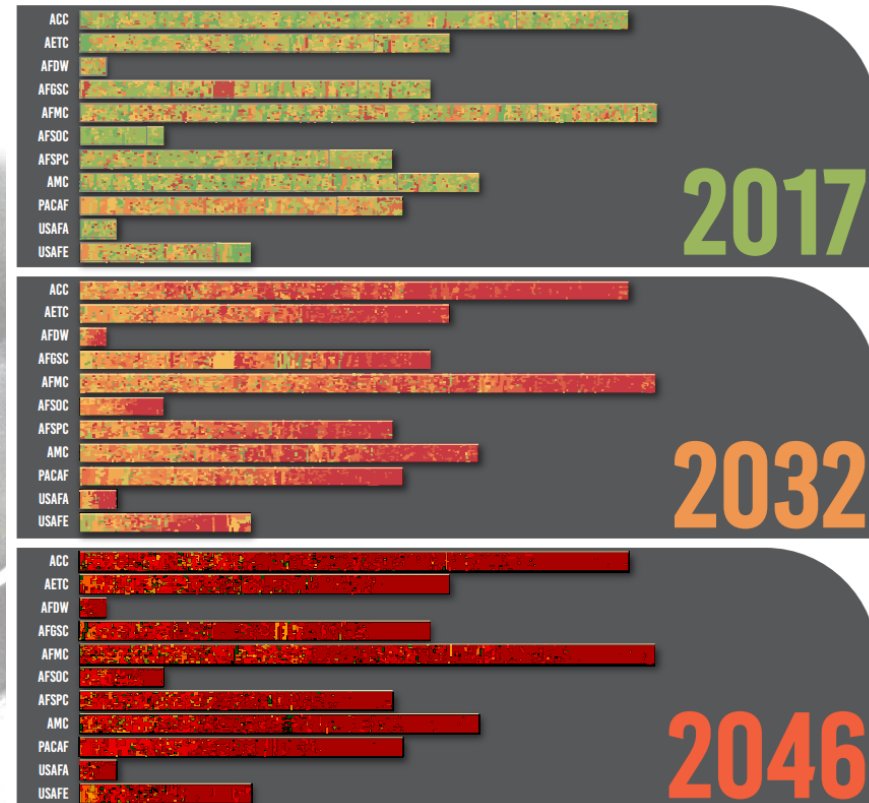


Installation Health Assessment



Fly, Fight, & Win

- 54,000 AF facilities
- \$24B in deferred maintenance
- Model advocated for \$2B in FSRM budget across the Future Year Defense Program
- Visually communicate the highest mission needs against facility conditions
- Determine the most beneficial investment sequence to assure combat readiness, lethality and Airmen resilience





Installation Health Assessment



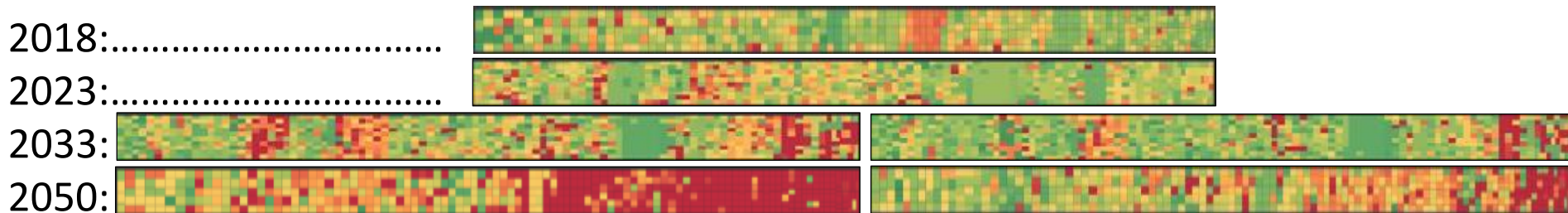
Fly, Fight, & Win

- 54,000 AF facilities → 2,500 Luke AFB Facilities
- \$24B AF deferred mx → \$5B AETC → **\$396M** Luke AFB deferred mx
- **Installation Investment Strategy (I2S)**
 - AF commitment to increase annual funding to 2% plant replacement value
 - Today's deferred mx & recapitalization cost will triple in 30 years if funding remains status quo

Infrastructure outlook in 2018, 2023, 2033, & 2050

Current funding Levels

I2S funding Levels

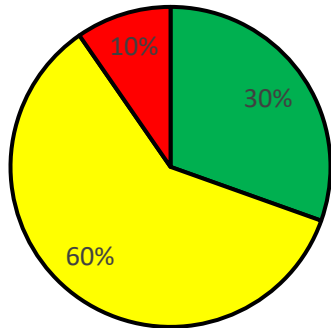




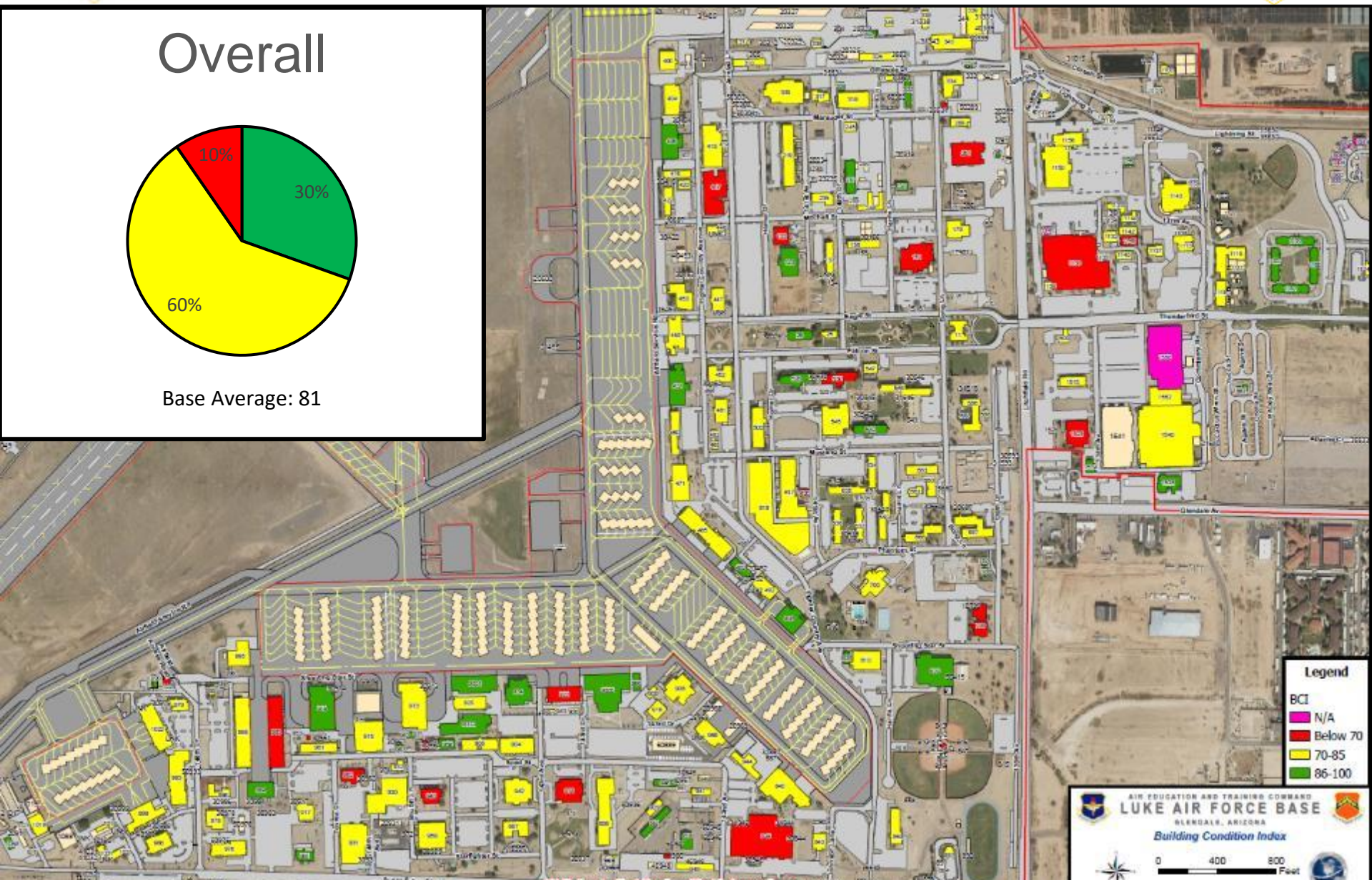
Overall Facility Condition



Overall



Base Average: 81



Legend

- BCI
- N/A
- Below 70
- 70-85
- 86-100

AIR EDUCATION AND TRAINING COMMAND
LUKE AIR FORCE BASE
MESA, ARIZONA

Building Condition Index

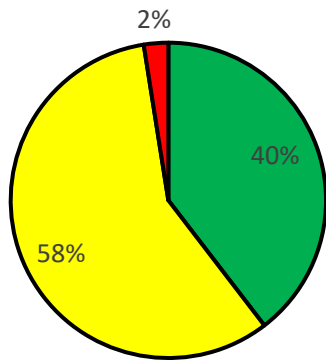
0 400 800 Feet



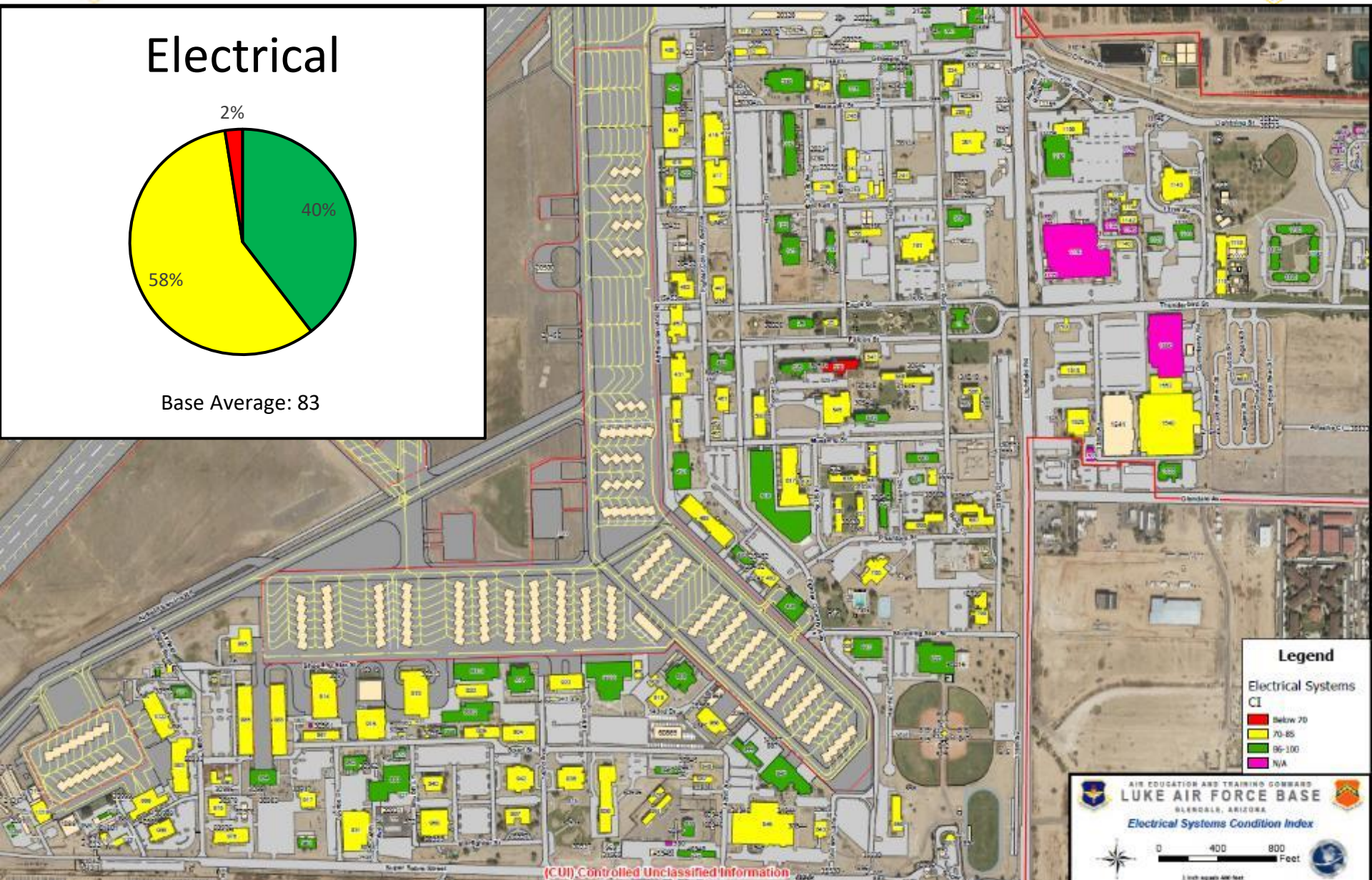
Electrical



Electrical



Base Average: 83



Legend

Electrical Systems

- CI
- Below 70
- 70-85
- 86-100
- N/A

AIR EDUCATION AND TRAINING COMMAND
LUKE AIR FORCE BASE
GLENDALE, ARIZONA

Electrical Systems Condition Index

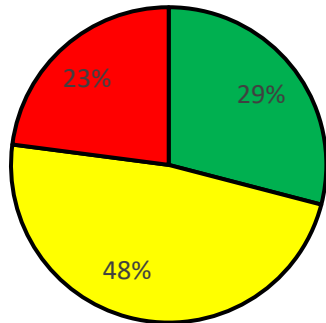
1 inch equals 400 feet



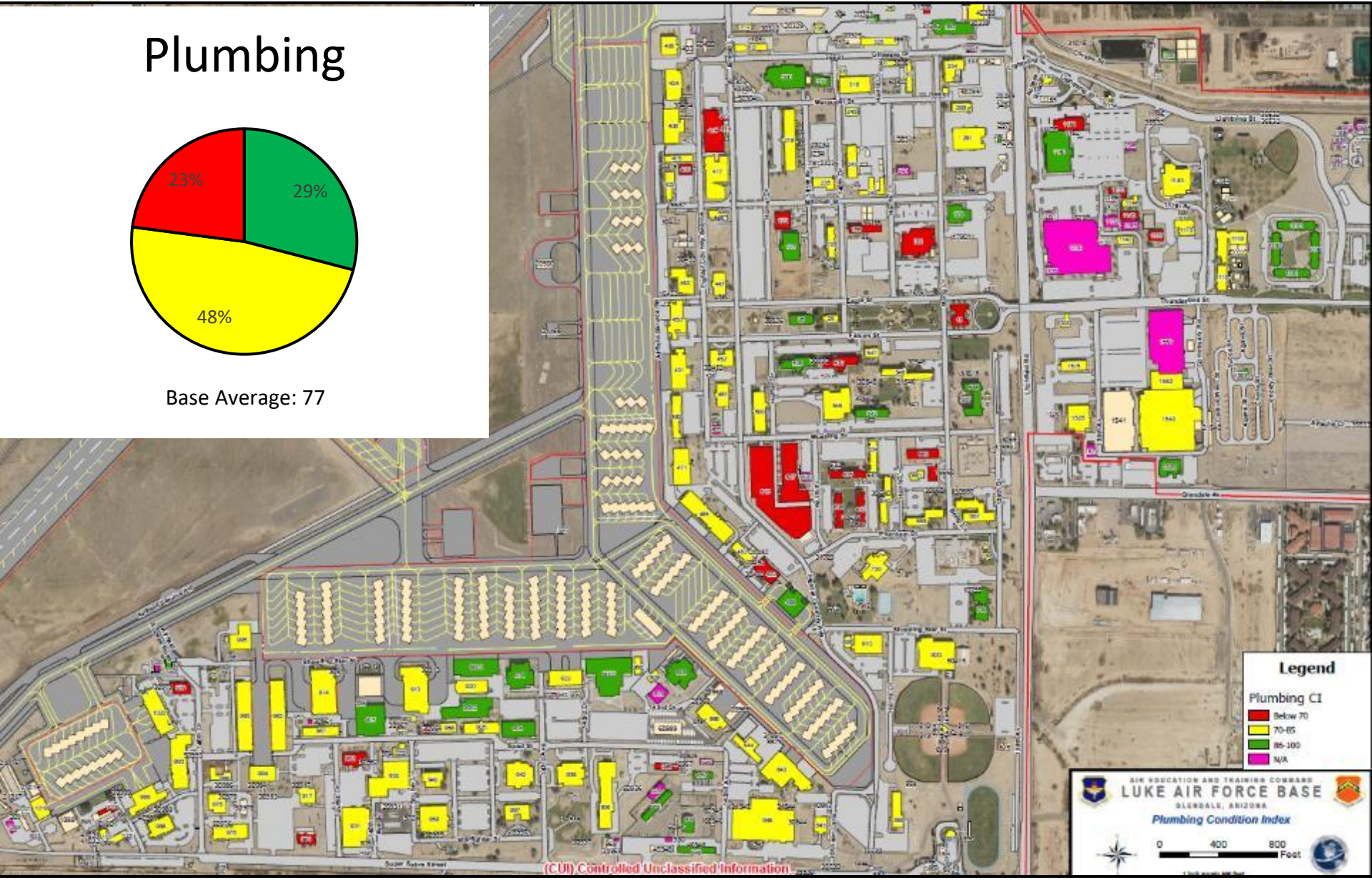
Plumbing



Plumbing



Base Average: 77



Legend

Plumbing CI

- Below 70
- 70-85
- 85-100
- N/A

AIR EDUCATION AND TRAINING COMMAND
LUKE AIR FORCE BASE
GLENDALE, ARIZONA

Plumbing Condition Index

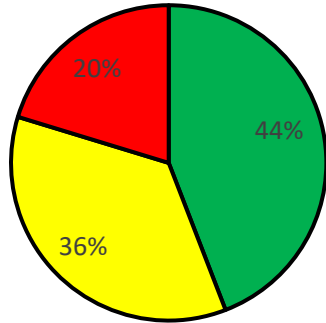
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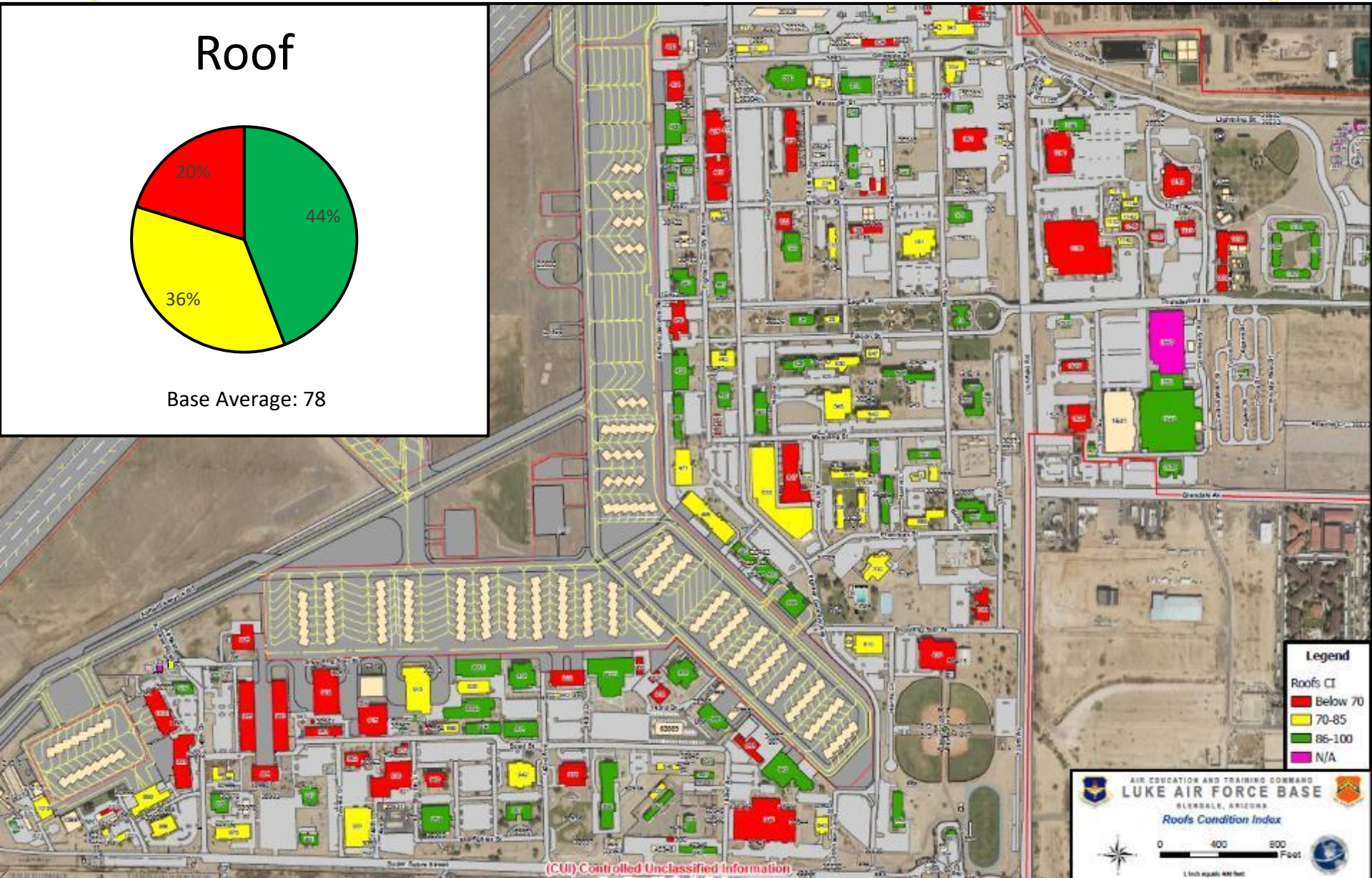
Roofs



Roof



Base Average: 78



Legend	
Roofs CT	
Below 70	Red
70-85	Yellow
86-100	Green
N/A	Pink

AIR EDUCATION AND TRAINING COMMAND
LUKE AIR FORCE BASE
MESA, ARIZONA

Roofs Condition Index

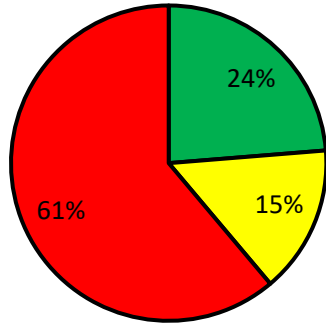
0 400 800 Feet
1 inch equals 400 feet



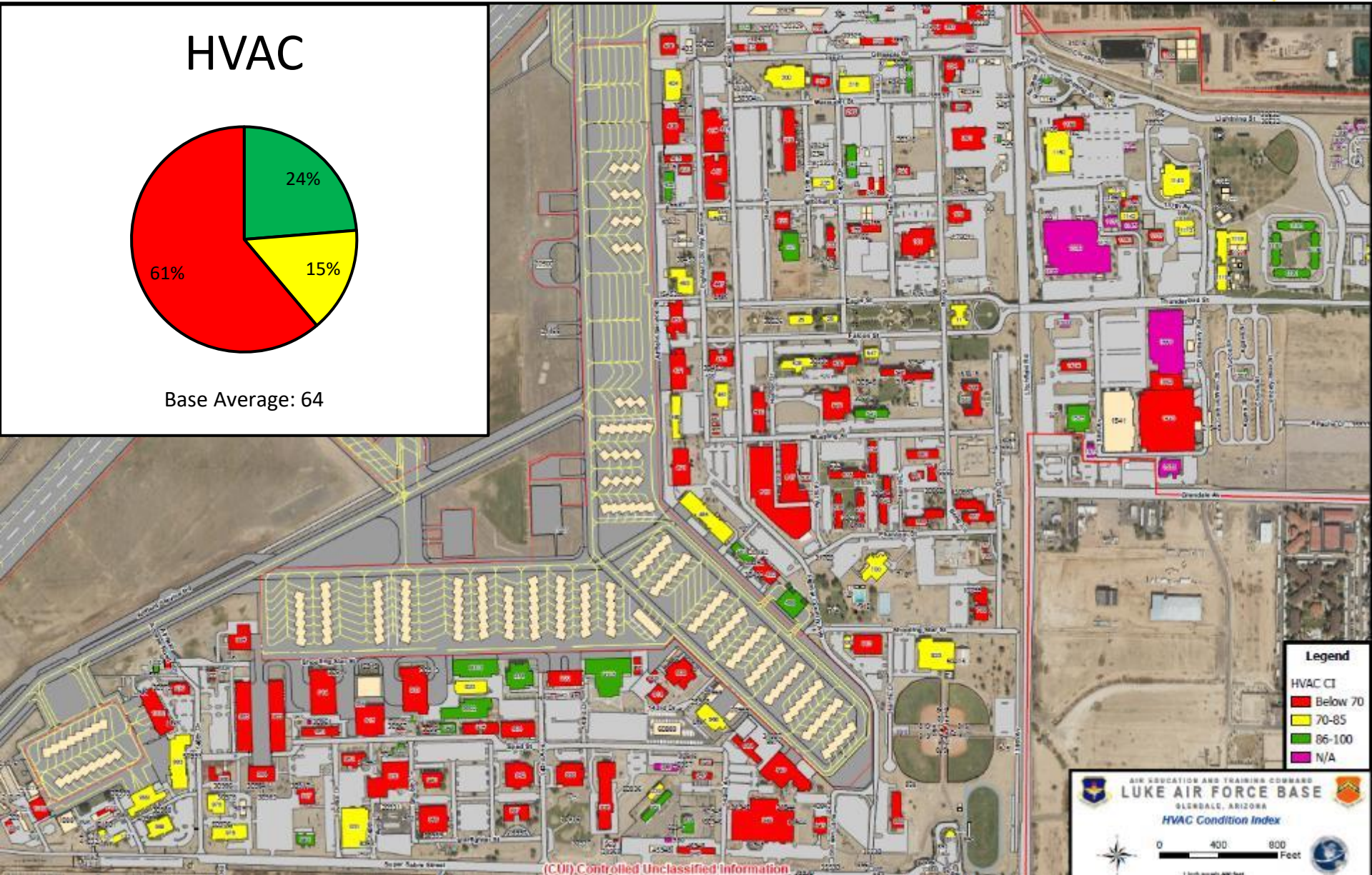
HVAC



HVAC



Base Average: 64



Legend

- HVAC CI
- Below 70
- 70-85
- 86-100
- N/A

AIR EDUCATION AND TRAINING COMMAND
LUKE AIR FORCE BASE
GLENDALE, ARIZONA

HVAC Condition Index

0 400 800 Feet



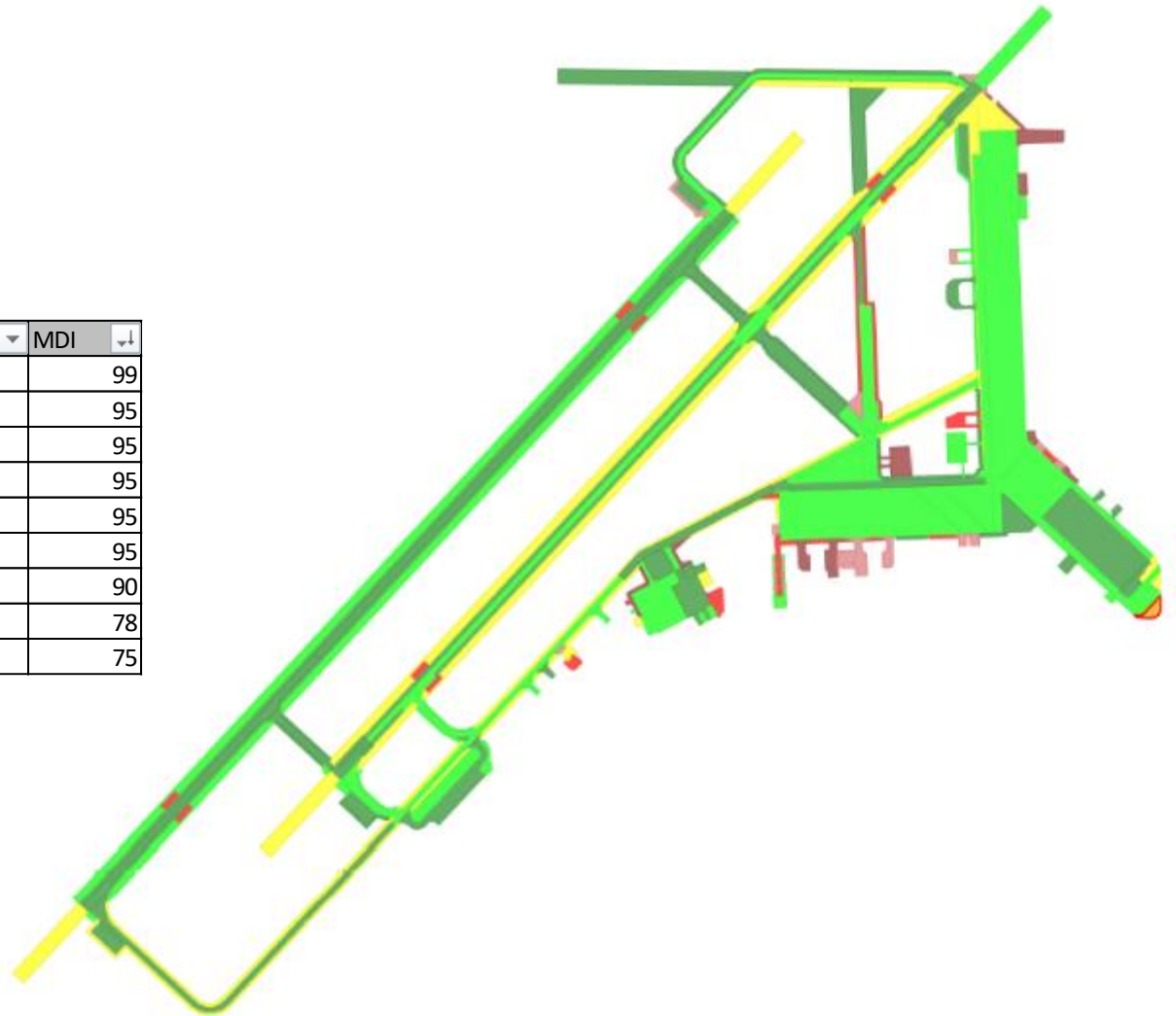
Airfield Condition



Fly, Fight, & Win

- Non-pavement/No data
- Good (86.00-100.00)
- Satisfactory (71.00-85.00)
- Fair (56.00-70.00)
- Poor (41.00-55.00)
- Very Poor (26.00-40.00)
- Serious (11.00-25.00)
- Failed (0.00-10.00)

Category Code	MDI
111111 - RUNWAY	99
116642 - SHOULDER, PAVED	95
112211 - TAXIWAY	95
113321 - APRON	95
116666 - PAD, WARMUP, HOLDING	95
116661 - ARMING AND DISARMING PADS	95
111115 - OVERRUN, PAVED	90
116672 - AIRCRAFT WASHRACK	78
116922 - AIRCRAFT ARRESTING SYSTEM SUPPORT	75



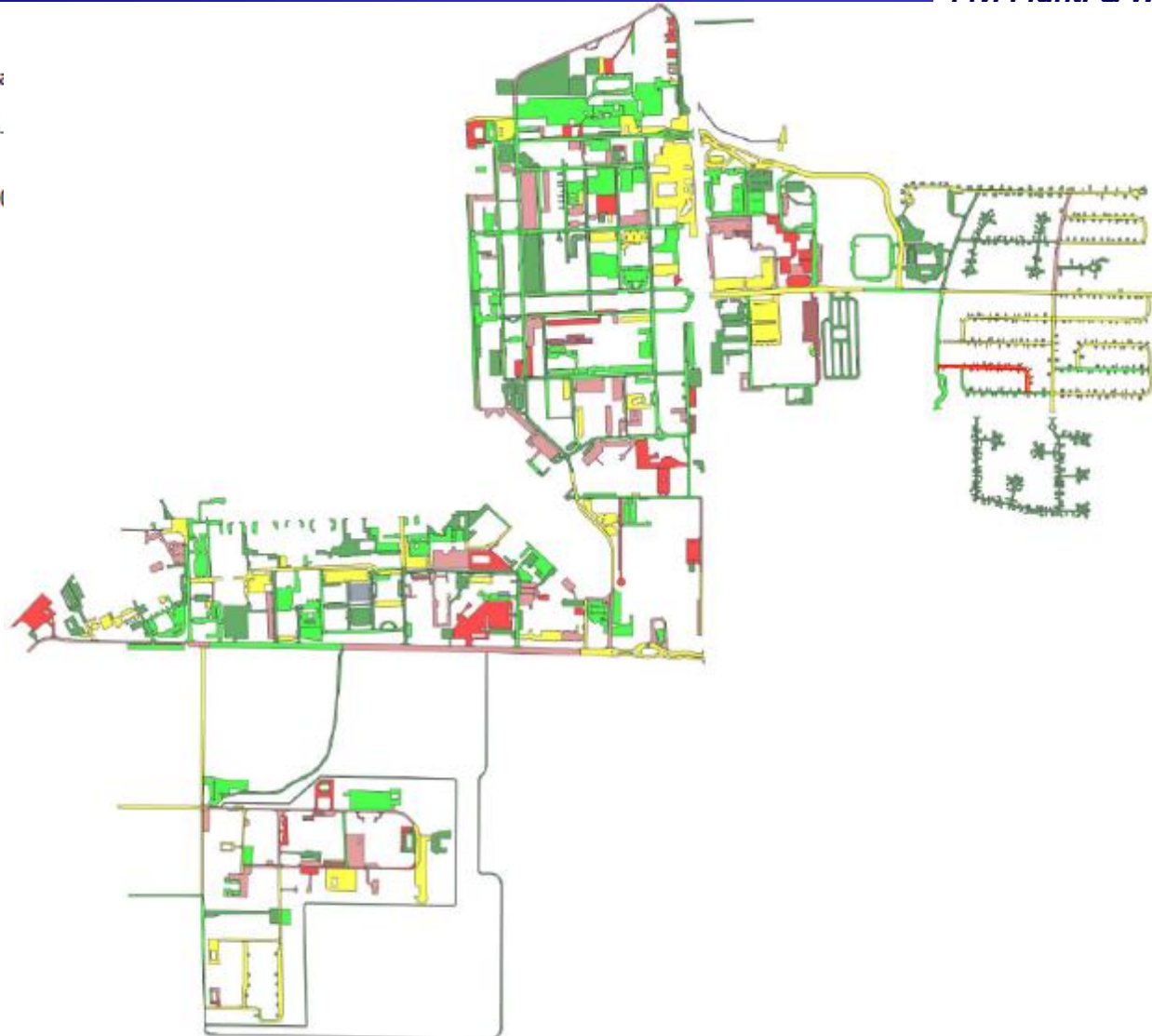


Roads & Parking Lots



Flv. Fight. & Win

- Non-pavement/No data
- Good (86.00-100.00)
- Satisfactory (71.00-85.00)
- Fair (56.00-70.00)
- Poor (41.00-55.00)
- Very Poor (26.00-40.00)
- Serious (11.00-25.00)
- Failed (0.00-10.00)



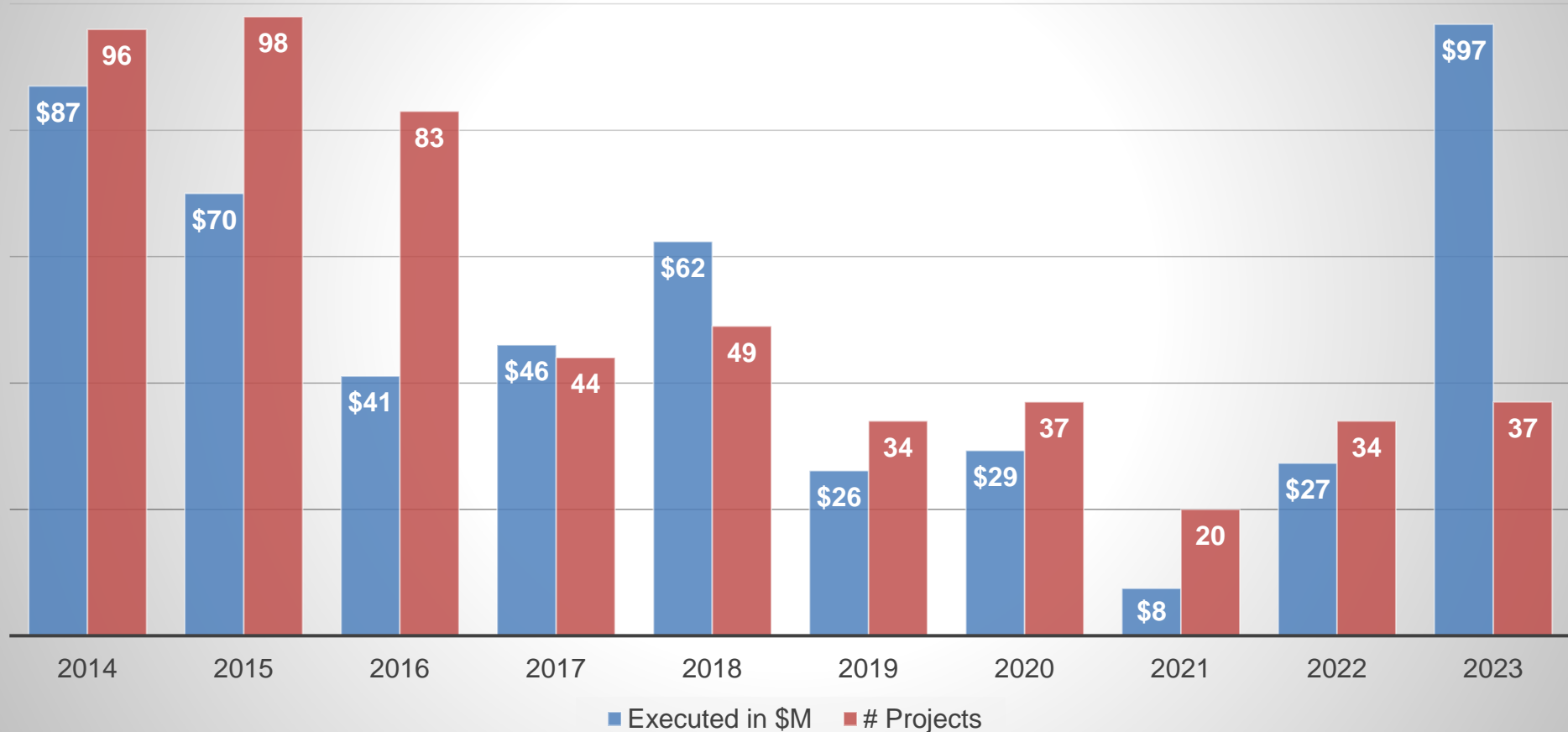
Cave Tonitrum



Historical Project Execution



Fly, Fight, & Win





FY20 & 21 Program Roll-up



Fly, Fight, & Win

- FY20: 37 Projects/\$29.3M
 - Repair HVAC, Roof, Life Safety – AAFES BX - \$6.8M
 - Replace Gas Lines/Valves - \$2.6M
 - Repair Electrical Feeder, Ft Tuthill - \$1.2M
 - Repair HVAC System Control Tower, B998- \$1.7M
- FY21: 20 Projects/\$7.5M
 - Repair Water Distribution System, 1300 Area - \$1.9M
 - NM Install ALIS Power/Comm Support #5 & #6 - \$2.1M
 - Replace Golf Course Pump House - \$545K
 - Upgrade Electrical, F16 Operations B940 – \$900K
 - Construct New Sewer Line to Public System, Ft Tuthill - \$600K



FY22 Program Roll-up



Fly, Fight, & Win

- FY22: 34 Projects/\$27.3M
 - Upgrade F-16 Squad Ops Area B942 - \$3.2M
 - Construct Potable Water Well - \$4.5M
 - Airfield Apron Lighting - \$1.95M
 - Repair AUX Field Security and Facilities - \$2.1M



FY23/FY24 Program Roll-up



Fly, Fight, & Win

- FY23: 37 Projects/\$96.8M
 - F35 Squad Ops Facility #6 - \$21.8M
 - Repair Corrosion Control Facility - \$10.8M
 - Renovate B840 Belgium Beddown - \$18.2M
 - F35 Aircraft Maintenance Unit #6 - \$30.6M
 - Add/Alt Egress Facility, B995 -
 - Repair Facilities, Munitions Area - \$2.6M
 - POL Ground Tank Removal and Installation - \$2.8M
- FY24: 4 Projects/\$18.2M
 - Add/Alt Egress Facility - \$5M
 - Repair Airfield Lighting, GB - \$11.9M



Large Programs



Fly, Fight, & Win

■ MILCON

- Control Tower/Fire Station/Base Ops Complex, Gila Bend
- Munitions Campus Demo Consolidation
- Construct CDC

■ UMMC

- Construct North Turnaround, Gila Bend AFAF
- Construct Material Control Warehouse

■ NAF

- Expand FAMCAMP



Design Opportunities



Fly, Fight, & Win

DESCRIPTION	EST ADV	DELIVERY METHOD
RENOVATE DORM 530	MAR 24	Stand Alone or USACE
EAST SIDE AREA DEVELOPMENT PLAN	TBD	AE, GSA, or Stand Alone
GILA BEND AREA DEVELOPMENT PLAN	TBD	AE, GSA, or Stand Alone
TRAFFIC STUDY	TBD	AE, GSA, or Stand Alone



Construction Opportunities



Fly, Fight, & Win

DESCRIPTION	EST ADV	DELIVERY METHOD
REPAIR HANGAR DOOR, B408	FY24	DBB
REPAIR FIRE STATION #2	FY24	DB
RENOVATE DORM 530	FY25	USACE DBB
RENOVATE DORM 635	FY25	USACE DB
REPLACE WATER DIST SYST, MAIN BASE	FY26	TBD



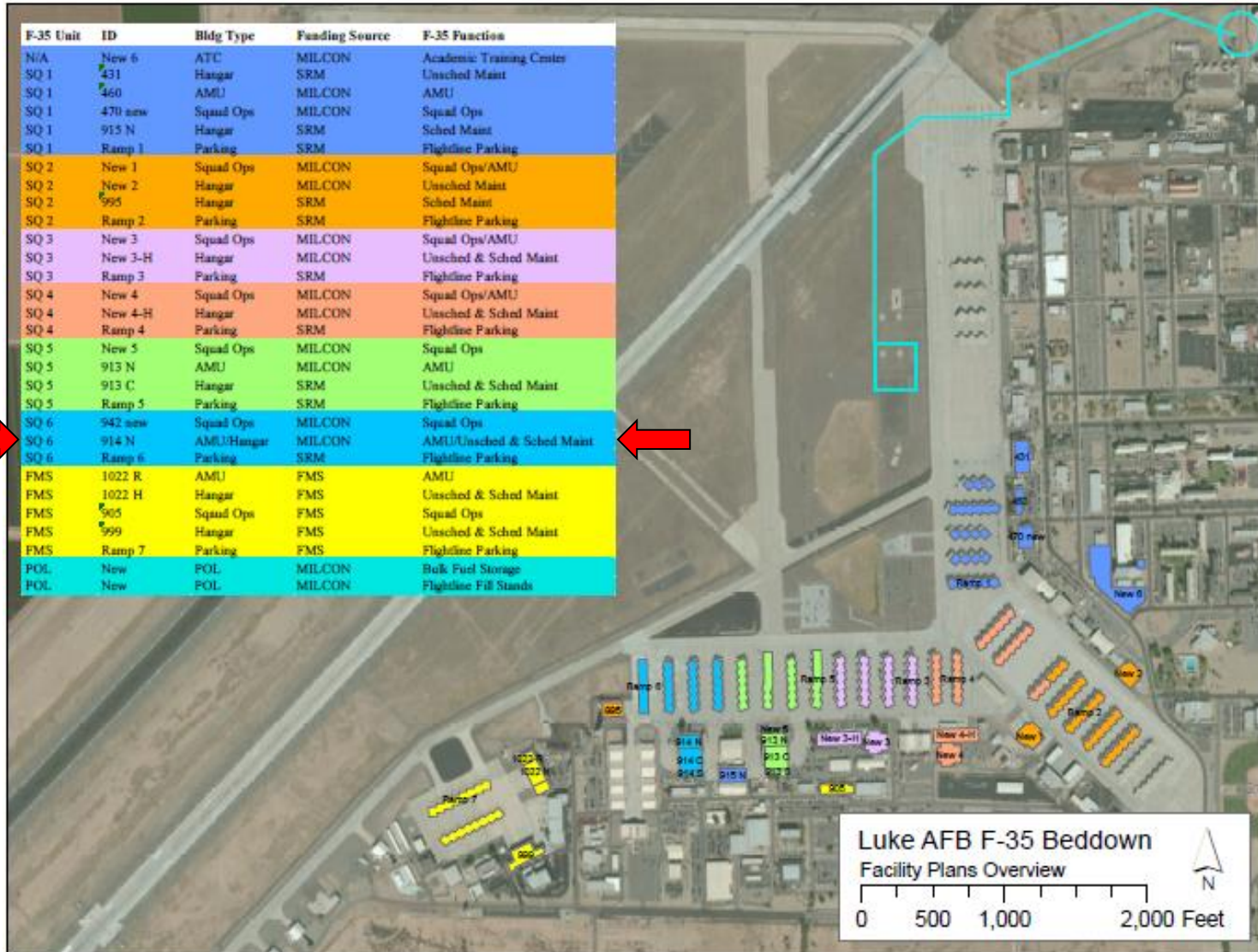
F-35 MILCON



Projects	Program Year	Amount (\$000)	Status
Academic Trng Ctr	FY11	49,584	Complete
Squad Ops #1	FY11	14,670	Complete
Add/Alter AMU #1	FY12		Complete
Squad Ops/AMU #2	FY12	12,904	Complete
Squad Ops/AMU #3	FY14	15,838	Complete
Field Training Det	FY14	4,700	Complete
Const Hangar #2	FY15	11,603	Complete
Flight Line Fillstands	FY15	13,097	Complete
Const Squad Ops/ AMU/Hangar #4	FY16	23,915	Complete
Const Munitions Build-up Pad	FY16	4,230	Complete
Const 6-Bay Maint Hangar #3	FY16	11,200	Complete
Fuel Offload Facility	FY16	4,710	Complete
Squad Ops/AMU #5	FY17	17,085	Complete
Alter Hangar For AMU #6	FY23		Awarded
Const Squad Ops #6	FY23		Awarded
TOTAL		\$183,536	87% Complete



F-35 Beddown at Luke AFB: Facilities & Infrastructure for 5th-Generation Aircraft





Future



Fly, Fight, & Win

- F35 Construction Program Nearly Complete
 - > \$350M Program
 - 16 MILCON Projects / 36 SRM Projects
- Shifting Focus to Existing Facilities
 - Maintenance
 - Repair
 - Renovation
 - Infrastructure
- Trending
 - Cost overruns leading to extra scrutiny
 - Emphasis on investigative phase and verifying as-builts
- Long term planning
 - US F-16's will depart Luke this calendar year
 - Singapore delayed departure
 - Area Development Plans



Overview



- About Me
- FY23 Small Business Results and FY24 Goals
- Doing Business with the Air Force
- Tips
- 56th Contracting Squadron Potential Opportunities
- Prime Contractor Information
- Strategic Contracts
- Small Business POCs





FY23 Small Business Results/FY24 Goals



Fly, Fight, & Win

	FY23 Goals	FY23 Actuals \$90M	FY24 Goals	FY24 Actuals (YTD)
Small Business	82.96%	91.64%	86.57%	82.33%
Small Disadvantaged Business	70.53%	72.29%	73.35%	76.45%
HUB Zone	3.95%	9.18%	4.52%	2.68%
Women Owned	10.94%	16.47%	12.46%	11.76%
Service Disabled Vet	12.97%	7.80%	9.14%	5.45%



Doing Business with the Air Force



Register in the government database

- System for Award Management: www.sam.gov
 - Obtain a Unique Entity Identifier (UEI)
 - Core data (Name, address, org type, financial information)
 - Assertions (NAICS, size metrics)
 - Reps & Certs (FAR questionnaire)
 - SBA Dynamic Small Business Search





Doing Business with the Air Force

Identify current & future Air Force procurement opportunities

- Requirements above \$25K will be posted to **<https://sam.gov/content/opportunities>**
- Commercial supply & service requirements available under a GSA Federal Supply Schedule (FSS) will be posted using e-buy at **www.gsa.gov**
- Amazon Business - Will find any local small business within 50 miles of any AF base, prime delivery. **<https://business.amazon.com/>**
- Requirements between \$15K - \$25K will be posted on our FACEBOOK page at:
[56th Contracting Squadron: Luke Air Force Base, AZ](#)



Market your Firm

- Present your capabilities directly to the federal activities and large prime contractors that buy your products and services
- Attend procurement conferences and business expos
- Attend Business Matchmaking events
- If you do not have a presence on Luke AFB, consider Teaming Opportunities.





Tips

- ✓ Watch sam.gov, GSA e-buy or 56 Contracting Squadron FaceBook page for opportunities (sources sought, pre-solicitations, & solicitations)
- ✓ Be willing to compete
- ✓ Ensure you have the appropriate North American Industry Classification System (NAICS) for the services and products that you provide
- ✓ Keep your Small Business Dynamic Search information updated. Key words are important.
- ✓ Concise Capabilities Statement to market your company to capture core organic capability
- ✓ Read the entire solicitation & performance work statement
- ✓ Have employees that can meet strict base access requirements





Tips

- ✓ **Attend site visits/pre-proposal conferences**
- ✓ Make sure you have the necessary certifications & bonding
- ✓ Be familiar with your past performance record and have your references ready
- ✓ Comply with the evaluation factors. Evaluation factors tell you how the Gov't will evaluate your proposal
- ✓ Pay attention to the specifications and price the efforts according to the specifications and be realistic with price
- ✓ Be able to comply with Limitations on Subcontracting





56th Contracting Squadron Potential Opportunities



Construction IDIQs

- Paving IDIQ
- Architect & Engineering Services IDIQ (FY24)
- Multiple Award Construction Contract (MACC) (FY24-25)
- SABER Subcontract opportunities

Service Contracts

- Stay tuned for FY24 updates and opportunities





Prime Contractor Information



- **Gila Bend Aux Field & Barry Goldwater Range** - Tunista Services LLC
 - Rick Carr (623) 810-5800 (expires 30 Sep 26)
- **Airfield/Base Paving IDIQ** –MRM Construction
 - Marie Torres, (602) 340-0378 (Expires 11 Jun 24)
- **Simplified Acq Base Requirements (SABER)** - Four Tribes Enterprises
 - John Megna 805-714-8330 (expires 10 Jul 24)
- **Multiple Award A&E Contract** – (expires 18 Sep 24)
 - Arrington Watkins, Peter Sangiorgio, (602) 279-4373
 - Wood, Julianne Hamilton, (602) 733-6000
 - Schwab Engineering & Mgmt, Jerry Schwab, (888) 900-3823
- **Maintenance & Repair IDIQ (M&R)** – Diversified Maintenance Systems
 - Ken Rabe, (719) 922-1432, Ray Tems (775) 450-0507 (expires 2 Aug 26)



Strategic Contracts



- **Worldwide Engineering and Construction (WE&C)**
 - This program includes a of a full range of design, construction and engineering activities necessary to meet Air Force and other customer requirements at various Government installations.
- **Regional Engineering and Construction (RE&C) - West Region**
 - This program encompasses the full range of methods, technologies, and supporting activities necessary to conduct project construction at Air Force installations and other locations within the United States in accordance with technical and regulatory requirements.
- **Roofing Repair, Replacement & Maintenance (R3M)- Southwest**
 - The purpose of this program is to acquire commercial roof replacement, preventative maintenance, corrective repair, and inspection/testing services. The mandatory use is for USAF installations that are geographically located within the CONUS and Alaska.



Small Business POCs



- **SSgt Jonathan Mullen – jonathan.mullen@us.af.mil**
- **TSgt Christopher Gallagher – christopher.gallagher.5@us.af.mil**
- **Ms. Mary Peetz (SB Program Lead) – mary.peetz@us.af.mil**

- **Maj Chris James christopher.james.10@us.af.mil**