



# 355th CIVIL ENGINEER SQUADRON



*Fly, Fight, & Win*



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# Overview

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- **Who We Are – 355 WG & 355 CES**
- **Installation Overview**
- **FY22 Program Summary**
- **FY23+ Program Plan**

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# How We Support the Mission

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- **355 CES**
  - Mission: Enable Rescue & Attack by Building Ready & Resilient Airmen Engineers & Installations
  - Vision: Empowered Engineers – Unmatched in Agile Mission Support
  - Goals: 1. Develop Mission Ready Airmen Engineers
    - 2. Optimize A Resilient Installation
    - 3. Foster Installation & Community Relationships
- **355 MSG**
  - Mission: Enable Rescue & Attack
  - Vision: One Team, One Fight!
- **355 WG**
  - Mission: RESCUE & ATTACK! A Lethal, Agile, Resilient Warfighting Team Ready to Fight. Anywhere and Always.
  - Vision: Respected – Connected – Protected & Fight – Fit – Family
- **ACC**
  - Mission: Organizes, Trains & Equips Combat Ready Airmen to Control & Exploit the Air, Cyber, & Electromagnetic Spectrum ISO the Joint Force
  - Vision: People First, Mission Always
  - Priorities: 1. Revitalize Squadron Readiness
    - 2. Develop Leaders
    - 3. Accept Risk to Bring the Future Faster
- **In Support of the National Security, Defense, Military Strategies & Combatant Commanders**

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# About Me – CC

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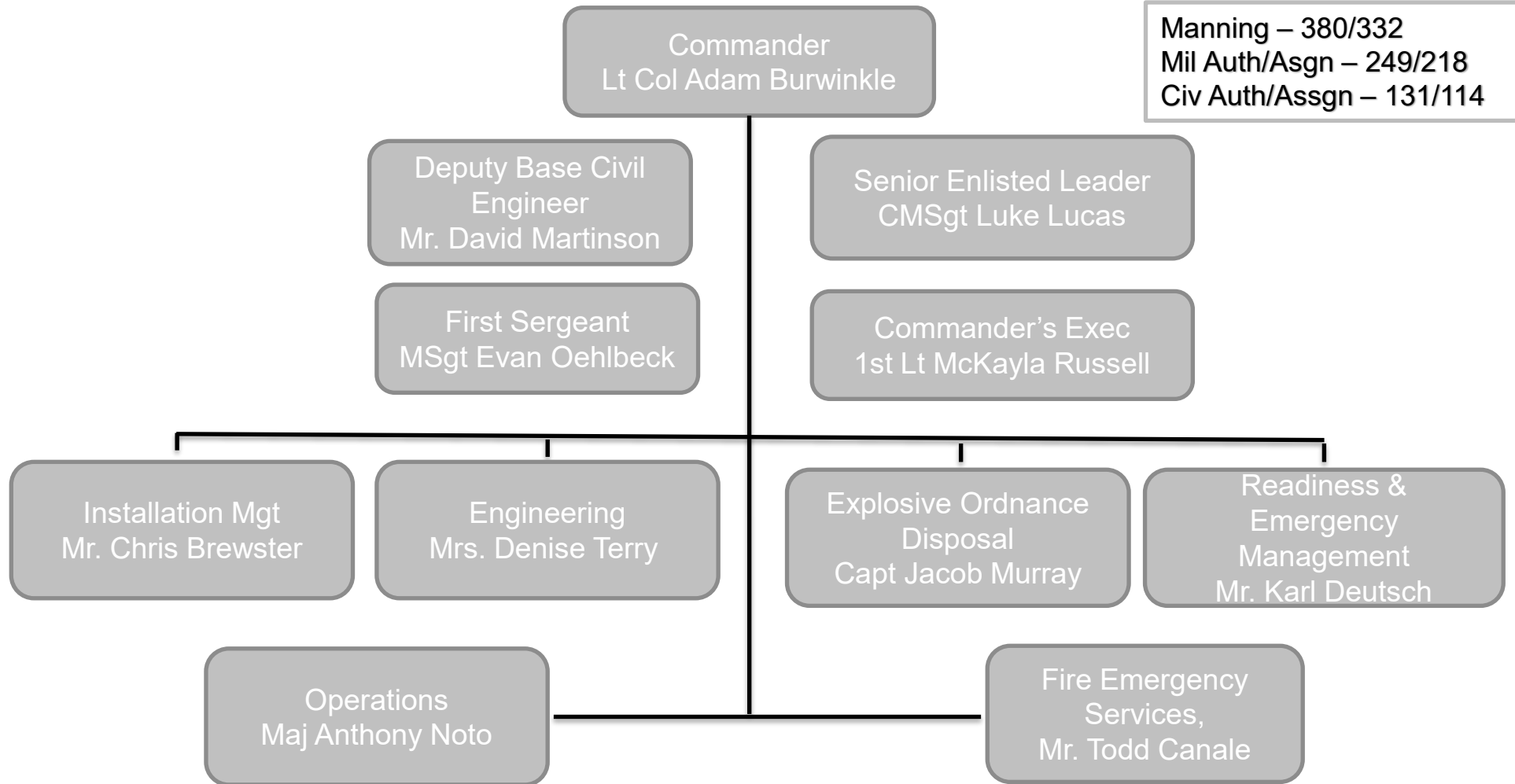
- **From Rochester Hills, MI**
- **Education**
  - BS – AF Academy 2007
  - MS – University of Texas 2013
  - MOS – Command and General Staff College 2020
- **Assignments**
  - DAFB, AAFB, Austin, WPAFB, AASAB, JBLE, FTLW, EAFB
- **Deployments & Experience**
  - 3x Afghanistan, Kuwait, time in UAE, Qatar, Syria
  - Engineering, RED HORSE, Instructor/Course Director, CAG Director, ECES/CD, AFIMSC Staff, Emergency Services SQ/CC
  - Professional Engineer, Certified Construction Manager, Project Management Professional

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# Who We Are – 355 CES

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**Deployed Airmen: CY2022 – 52 (Al Udeid – 17, MSAB – 15, Ali Al Salem – 9, Mano Dayak – 6, Chabelley – 3, Diori Hamani – 1, PSAB – 1) / CY23 Taskings: 60**

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# Installation Overview

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- **Number of Buildings: 505 (5.32M SF)**
  - Privatized housing 1173 units & Dorm Rooms 742
- **Airfield Pavements: 2.58M SY**
- **Land: 10,530 acres**
- **By the mile:**
  - Roads – 58 mi
  - Electrical Lines – 125 mi (overhead, underground)
  - Water – 103 mi
  - Sewer – 49 mi
  - POL – 9 mi
- **Real Property Valuation: \$3.3B**
- **Major Mission Partners:**
  - 12 AF: HQ, 612 AOC, SICOFAA
  - 55 ECG
  - AFRC: 943 RQG, 924 FG, 610 CACS
  - AMARG
  - US CBP

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# Managed Assets

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Area	# Bldgs	SF Bldgs	# Facilities*
DMAFB	505	5,318,711	1458
Aruba	1	2071	10
Curacao	14	109,324	77
Missile Site 8	2	1326	26
Missile Site 12	0	0	0
Mt. Lemmon	2	1019	10

\* Facilities include buildings, structures, linear structures, and lands

Information Only Aug 2022

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# ***FY22 Program Summary***



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- **Completed: 24 projects/\$39.4M – largest in Four Years!**
  - Repair AMU Facility - \$15.1M
  - Repair DFAC- \$3.7M
  - Repair Facility 131 - \$3.5
- **Ongoing: 40 projects/\$100M**
  - Repair Sanity Sewer System - \$16.2M
  - South Wilmot Gate - \$13.4M
  - Aerospace Ground Equipment Complex - \$10.8M

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# ***FY23+ Program Status***



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- **Planning/Initiating 28 projects/\$30.9M**
  - **Repair Water System Upgrade to SCADA - \$2.7M**
  - **Repair Command Post - \$2.5M**
  - **Repair AVB Craycroft Gate - \$2.1M**
- **FY24+ over 20 projects in development**
  - **Further Control Systems**
  - **Infrastructure Repairs**
- **FY25 - Runway Repairs - \$57.2M**
- **FY25 - USAF Connection to TEP Substation - \$10.8M**
- **FY26+ MILCON**
  - **Dormitory - \$65M**
  - **Communications Facility \$49M**
  - **Combat Rescue Helicopter Simulator - \$14M**

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# FY24+ Opportunities



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Overall Priorit	Requirement Short Description or Project Titl	Facilit	Customer Unit	Group/Mission Partner Org	Program	FY 25-29 AFCAMP				
						Pri	Project Title	Construction PA	Design FY	Exec. FY
0	Repair Command Post, Bldg 2300	2300	355 WG/CP	355 WG Staff	dFSRM - Customer Top 5	1	Rpr/Construct Electric Distribution for Energy Resiliency	\$10,775,000	21	25
1	Runway Rubber Removal	Runway	355 CES	Base Infrastructure	dFSRM - Base Infrastructure	2	Repair Runway 12/30	\$57,200,000	22	25
2	Airfield Pavement Sustainment	Airfield	355 CES	Base Infrastructure	dFSRM - Base Infrastructure	3	Repair Building 3501 for Permanent Party Dormitory	\$11,500,000	24	25
3	OH Electrical Sustainment - Ph 1		355 CES	Base Infrastructure	dFSRM - Base Infrastructure	4	Repair/Construct Addition to B632 for Consolidated Child Development Center	\$21,000,000	25	26
4	Replace Live Front Transformers	Multiple	355 CES	Base Infrastructure	dFSRM - Base Infrastructure	5	Repair Flightline Drainage, Operational & 79th Ramps	\$18,000,000	20	25
5	Repair Cathodic Protection for Utility Systems Base-wide		355 CES	Base Infrastructure	dFSRM - Base Infrastructure	6	Repair/Construct MAC Pad, Munitions Maint, Fac 183	\$4,450,000	22	25
6	HVAC - Replace Legacy R22 Units Base-wide - Ph 1		355 CES	Base Infrastructure	dFSRM - Base Infrastructure	7	Repair Life Support Building 4824	\$4,481,600	22	25
7	Repair Pavements Base-wide		355 CES	Base Infrastructure	dFSRM - Base Infrastructure	8	Construct SFS Addition, Fac 1358	\$1,500,000	21	25
8	Repair Benko Roof over Entryway	2301	355 CES	Base Infrastructure	dFSRM - Base Infrastructure	9	Repair Fire Suppression/Detection, Fac 3200	\$1,000,000	22	25
9	Construct a restroom/ water supply in RAWS GATR Site	Bldg 340	355 OSS	355 OG	dFSRM - Customer Top 5	10	Repair Refueling Maintenance, Fac 4812	\$2,000,000	21	25

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# FY24+ Opportunities



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FY 26-30 MILCON				
Pri	Project Number	Project Title	PA \$(K)	Advocate
1	FBNV053001	Dormitory (240 PN)	65,000	355 WG (ACC)
2	FBNV071577	Communications Facility	49,000	355 WG (ACC)
3	FBNV273003	Combat Rescue Helicopter Simulator #2	14,000	NM (ACC/PR CFT)
4	FBNV203001	Guardian Angel POTFF	41,000	NM (ACC/PR CFT)
5	FBNV203002	Guardian Angel Squadron Operations Facility	42,000	NM (ACC/PR CFT)
6	FBNV203003	Guardian Angel Storage Facility	24,000	NM (ACC/PR CFT)
7	FBNV213001	Red Flag Rescue Operations Facility	52,000	NM (ACC/PR CFT)
8	FBNV073010	Compass Call Task Force HQ	17,000	55 WG (ACC)
9	FBNV063003	CATM Facility	13,000	355 WG (ACC)
10	FBNV013504	Consolidated Mission Support Center (AMARG)	14,000	AMARG (AFMC)
11	FBNV073502	Consolidated/Fabrication Center (AMARG)	6,700	AMARG (AFMC)
12	FBNV203004	Aircraft Tooling and Parts Storage Warehouse (AMARG)	102,000	AMARG (AFMC)

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# Questions?



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