

Mission

Capabilities Briefing

Dr. Bob Ditch, EdD, CEM Director of Emergency Services Rocky Mountain Region

18 July 2023







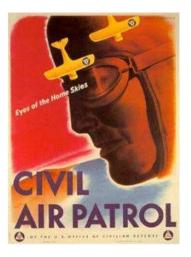
- History
- Missions
- Authorities
- Resources
- Capabilities & Technologies
- DSCA and Request for Forces



Performing Missions for America since December 1st, 1941

- World War II Missions
 - Coastal Patrol including anti-submarine combat
 - Homeland Security
 - Search and rescue and natural disaster support
 - Emergency transport of personnel and cargo
 - Border patrol
 - Air defense (targets for AA, aircraft, search light)
 - Observation training support for Army units
 - Forest fire spotting
 - Flight training
 - Cadet programs and aerospace education
- 1946: Incorporated Non-Profit (Public Law 476)
- 1948: Became Auxiliary of the USAF (Public Law 557) Most core WWII missions are still CAP's core missions today!







Search & Rescue



CAP was credited with 151 lives saved in FY22 and 34 so far in FY23

BORT MOUNTAIN REGION



Disaster Relief







Operational Missions



- CAP's AOR is border-to-border and coast-to-coast within the CONUS, Alaska, Hawaii, Puerto Rico, and the U.S. Virgin Islands
- May only support Federal agencies in its capacity as AF Auxiliary
- AF Component Commanders task and approve CAP missions
- Flies 60-80% of 1 AF/AFNORTH's daily sorties
- CAP flies about 80,000 hours/year on AF Assigned Missions, 15,000 to 20,000 hours in direct customer support.



Congressional Charter





Emergency Services



SAR & Disaster Relief Homeland Security Drug Interdiction AFROTC Flights AFJROTC Flights



Cadet Programs



Aerospace Education

Leadership Character Development Aerospace Education Physical Fitness

CAP Members AE Members / Teachers General Public STEM Activities



Legal Authority





Title 36, USC 40301 – Federally Chartered Corporation

Serving our communities while not under federal response.

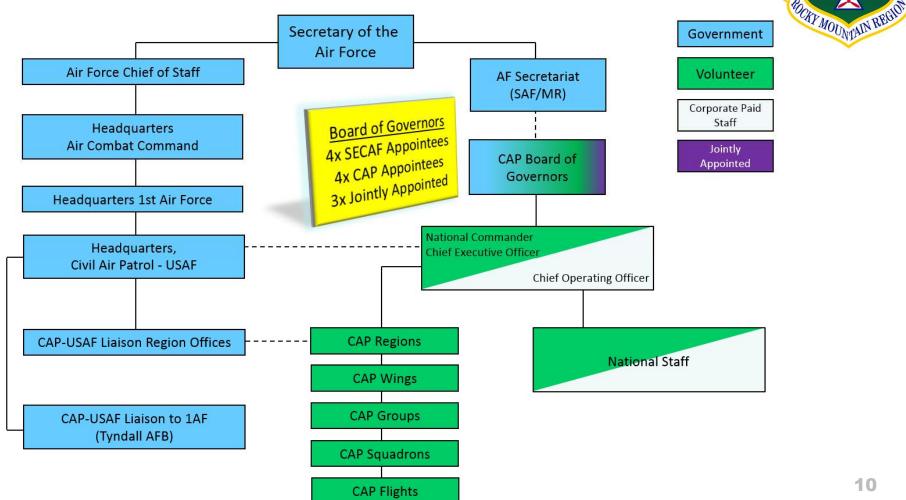
Title 10, USC 9442 – Volunteer Civilian Auxiliary of the Air Force

Volunteer Civilian Auxiliary when the services of the Civil Air Patrol are used by any department or agency in any branch of the Federal Government.

The Civil Air Patrol shall be deemed to be an instrumentality of the United States with respect to any act or omission of the Civil Air Patrol, including any member of the Civil Air Patrol, in carrying out a mission assigned by the Secretary of the Air Force.



Organizational Chart



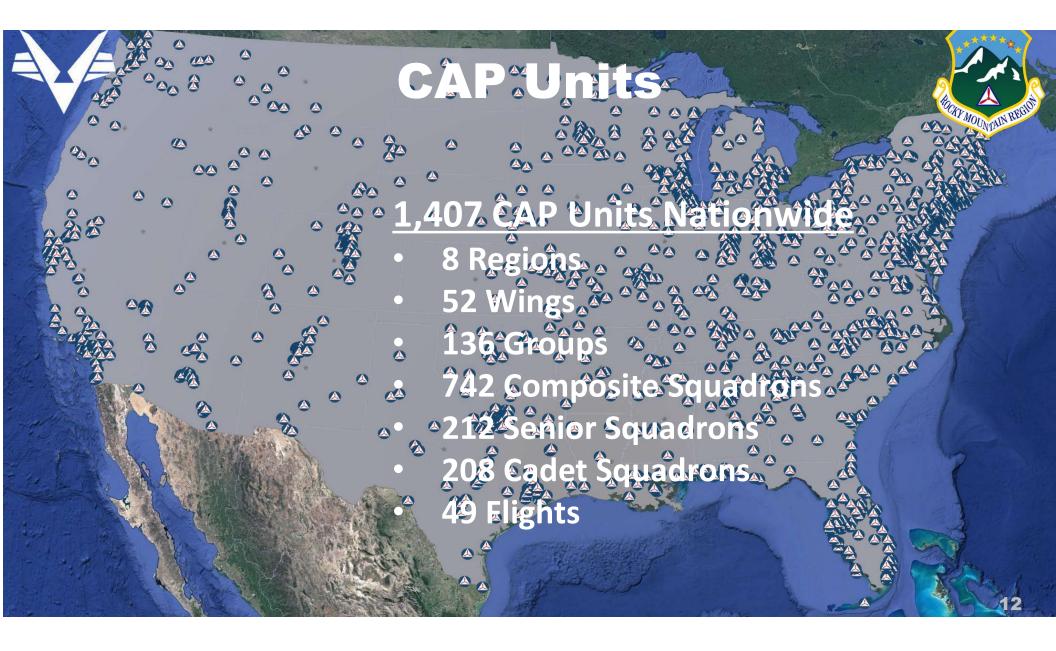


Membership and Resources



2023 Statistics	
<u>Membership</u>	
Adult Members	36,216
Cadets	28,113
Total	64,329
<u>Units</u>	
NHQ, Region, Wings, Units	1,407
<u>Equipment</u>	
Aircraft	538
Gliders	45
Hot Air Balloons	2
Vehicles	1,045
sUAS	2,594
VHF LMR Radios	12,886
VHF Repeaters	727

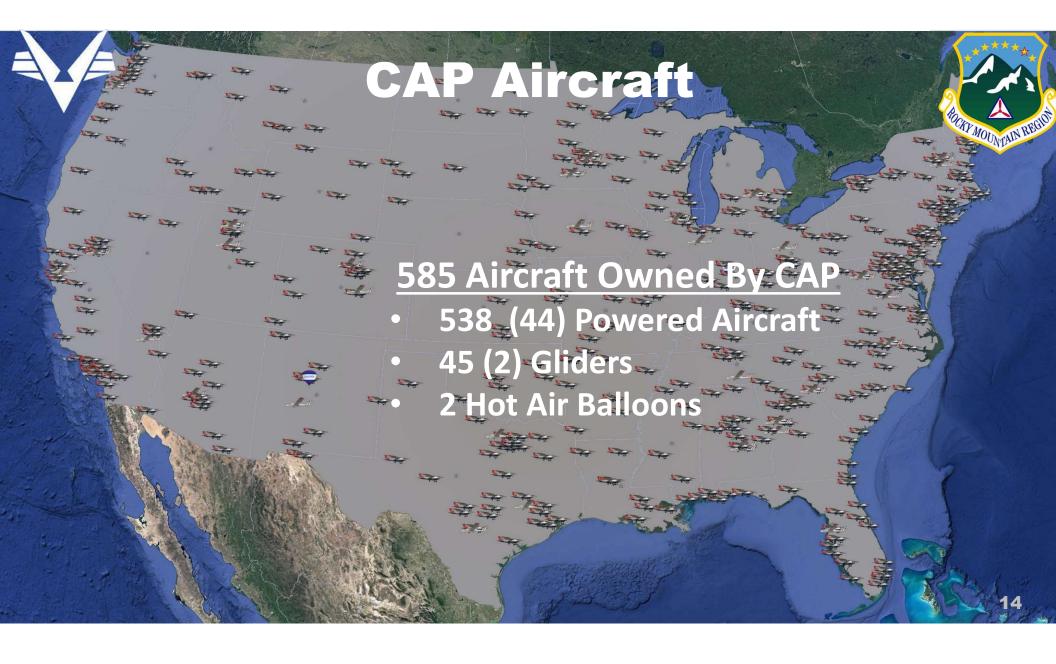






Mission Qualified Personnel (RMR)

- 600+ (58) incident commanders
- 2,800+ (112) pilots flying missions
- 5,600+ (743) other aircrew members
- 745+ (46) ground team leaders
- 19,000+ (256) communication network operators
- 140+ (8) chaplains and 120+ (13) chaplain support specialists
- 800+ (5) personnel have additional law enforcement screening









Cessna 182 (292)/33



Gippsland GA-8 (16)/1

- Operate from 2500' runway
- VHF AM and FM radio



Cessna 172 (188)/5



Cessna 206 (38)/5

- Cruise speed 110-135 knots
- Range 520-730 NM





Vehicle Fleet



11/12 Passenger Van (26)

Minivan (8)



Pickup (12) SUV (9)

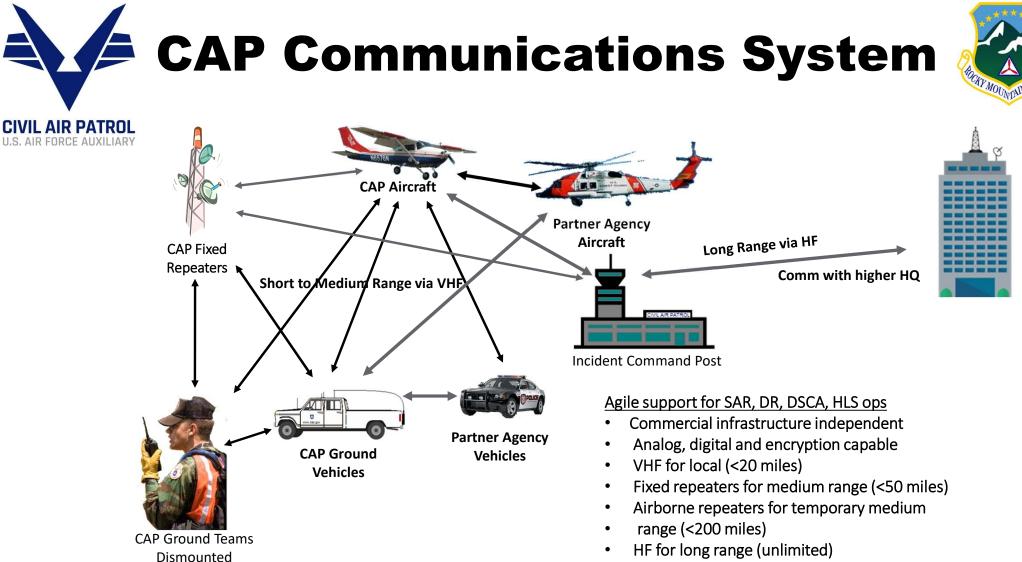


CUV (8) Communications Trailer (2)









• Fully interoperable with all partner agencies







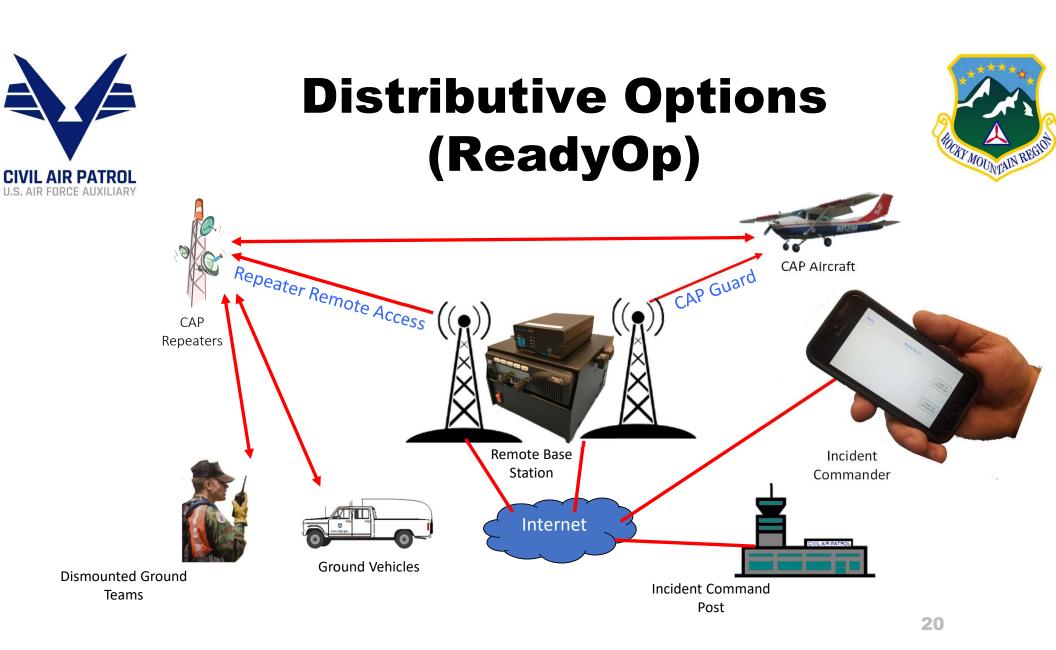
VHF-FM & HF Resources

- 572 Fixed VHF-FM Repeaters
- 154 Tactical VHF-FM Repeaters
- 2,070 VHF-FM Base stations
- 5,077 VHF-FM Mobile radios
- 5,640 VHF-FM Portable radios
- 768 HF-ALE Base Stations
- 722 HF Non-ALE Base Stations
- 320 HF ALE Mobile Stations























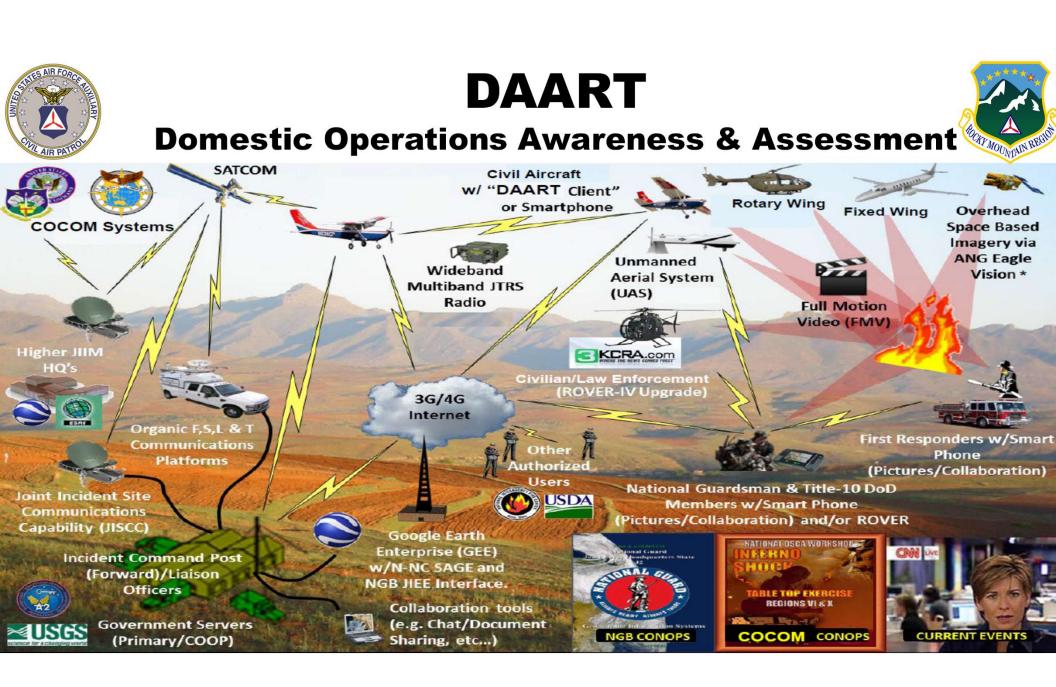
COTS Handheld Camera Packages



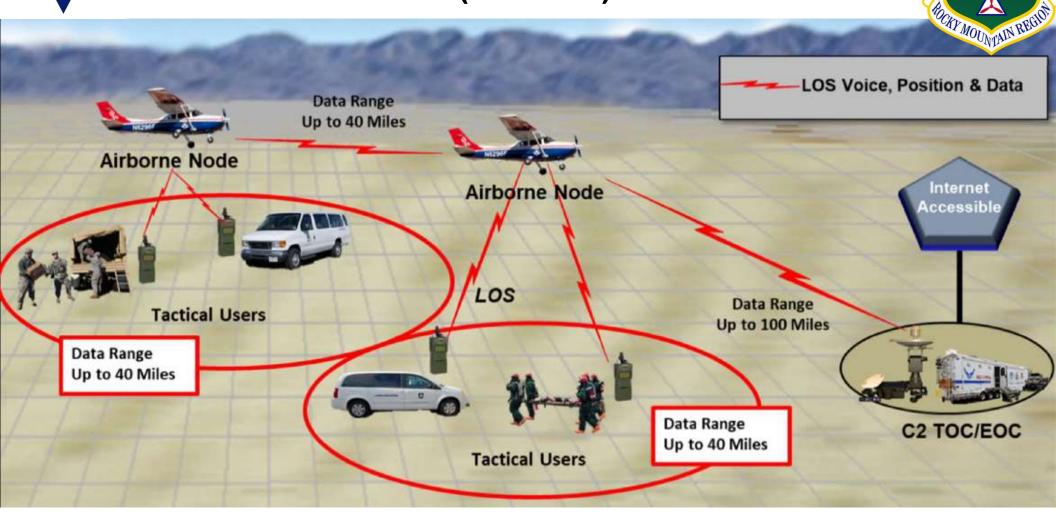
- Carry Aboard Cameras (Nikon Pro Quality) for each powered aircraft
- Garmin Virb Elite & Go Pro Hero Wing Mounts
- DAART: Domestic Operations Awareness
 & Assessment Response Tool







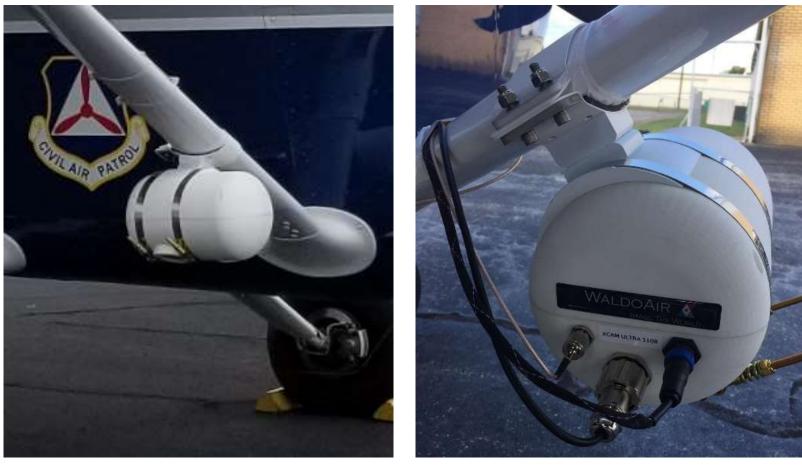
Airborne Extensible Relay Over-the-Horizon Network (AERONet)





CIVIL AIR PATROL U.S. AIR FORCE AUXILIARY

Waldo Air XCAM Sensors



WALDO High Resolution Collection







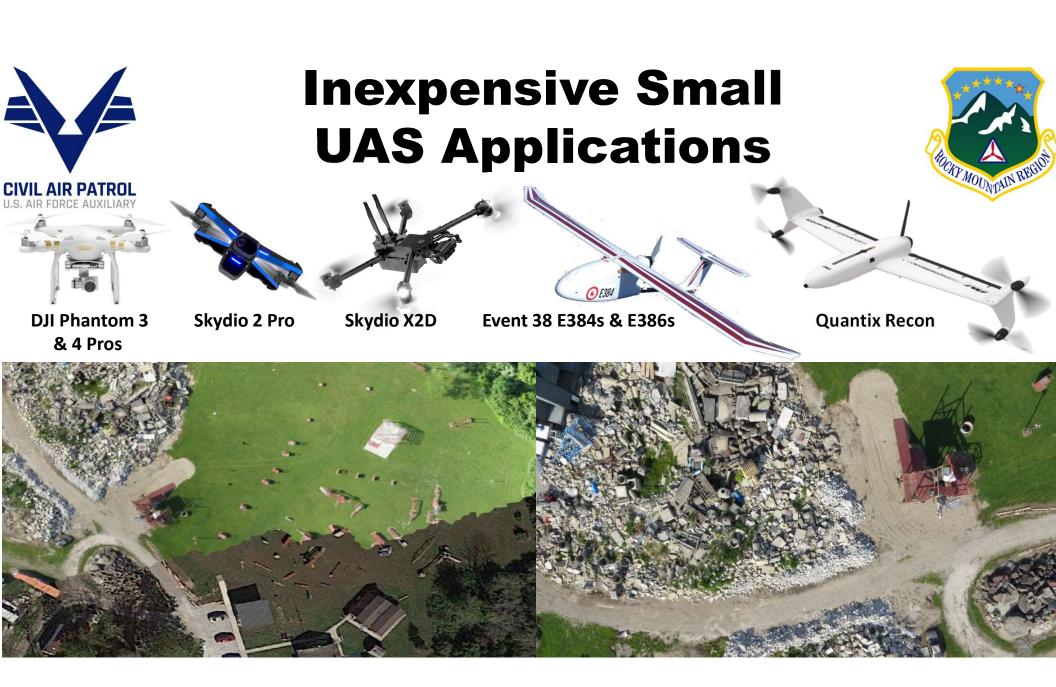




2 Cessna T206Hs for Green Flag and DSCA Support with higher end Wescam MX-15 Hdi Sensors & 2 older 182Qs with analog MX-15s

Goal is to field 24 to 30 mid-range FLIR Talon MMS Sensors 4 fielded and 8 more to be installed this spring







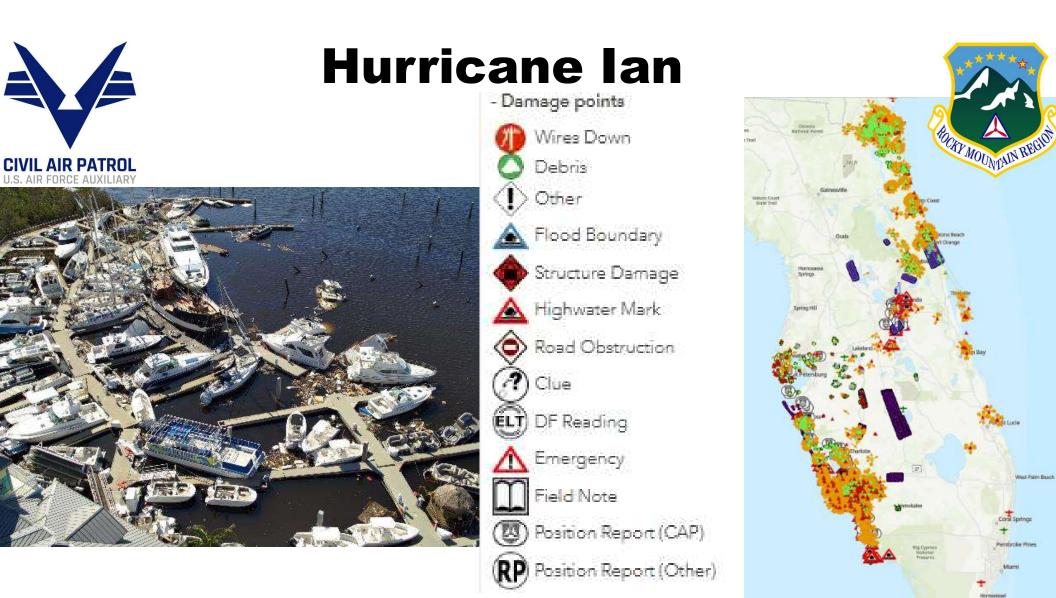
CAP Geospatial Program

CIVIL AIR PATROL

- 273 Qualified Damage Assessor/Analysts
- 28 Supported disasters since 2019:
- Hurricanes: 9, seven states/territories (Guam)
- Tornados: 15 events i.e. quad state & mid-west tornado outbreaks, 15 states
- Wildfires: 1, one state
- Flooding: 2, two states
- Earthquakes: 1, Puerto Rico
- 6 Search & Rescue: Imagery support
- 1.1K damage assessment points in 2022
- Cost advantage: No cost for assessment
- Meets FEMA's 72hr assessment needs

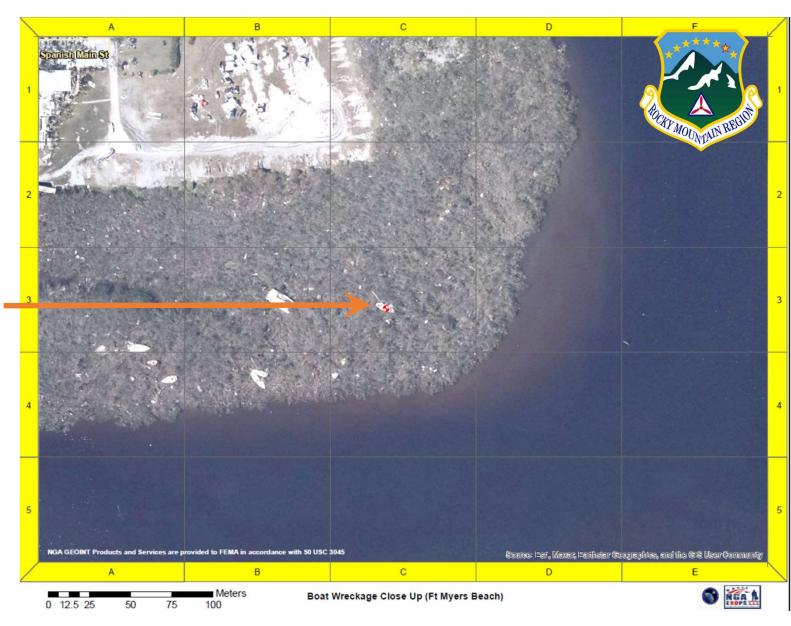
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Volunteers Serving America's Communities, Saving Lives, and Shaping Futures.





1 Life Saved

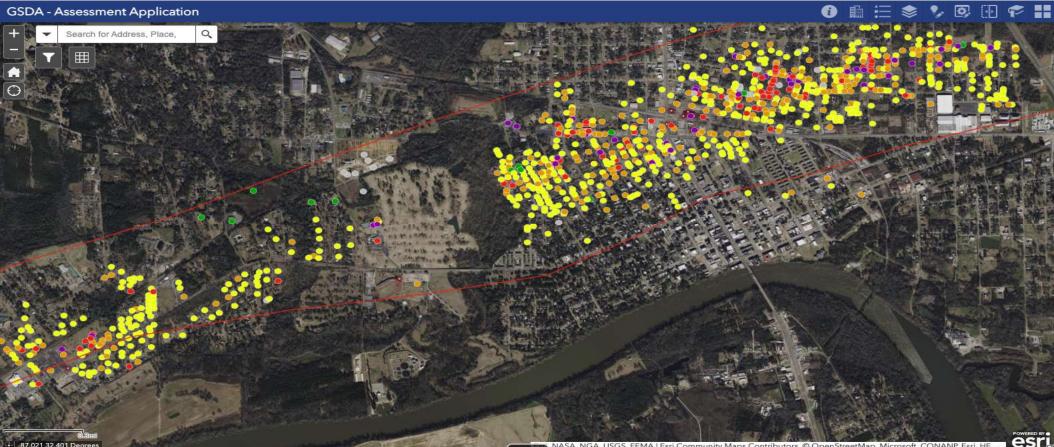


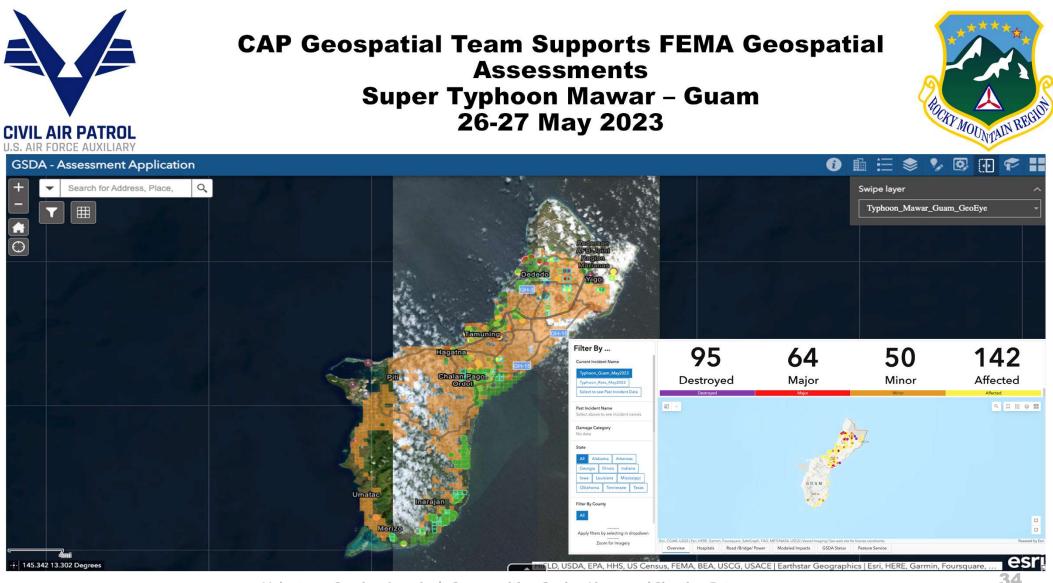


CAP Geospatial Team Supports FEMA Geospatial Assessments Tornado - Selma, AL 16 January 2023

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Volunteers Serving America's Communities, Saving Lives, and Shaping Futures.

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CAP Geospatial Team Supports FEMA Geospatial Assessments Flooding – Vermont

Marshfield Waterbury Duxbury Lanesboro 12 **Camels Hump** Plainfield Groton State Washington State Park Forest Montpèlier South DuMoretown 2 North Fayston 12 13 359 428 14 West Groton Destroyed Major Affected Minor Barre ९ 🛛 🗄 😂 🛤 South Barre lls 302 Topsham West Topsham Williamstown 64

Volunteers Serving America's Communities, Saving Lives, and Shaping Futures.



Cell Phone Forensics

Provides:

- 24/7 365 day/year support.
- Directed by Air Force Rescue Coordination Center at Headquarters 1st Air Force.
- Supports local, county, state, and federal public safety agencies including the National Park Service and the Coast Guard.
- Since 2006 team has supported 2779 missions credited with 1379 "finds" and 841 "saves."







ONE CIVIL AIR PATROL | EXCELLING IN SERVICE TO OUR NATION AND OUR MEMBERS









ONE CIVIL AIR PATROL | EXCELLING IN SERVICE TO OUR NATION AND OUR MEMBERS



Blood Support Mission *Operation Pulse Lift*



- Facilities and trained Blood Support Teams (BST) to set up and operate temporary CAP Blood Donor Centers (BDC) (AL, AZ, CO, IA, KY, NC, IL, IN, NY, OK, PR, TN, TX, SC, VA, and WY).
- A nation-wide walking blood bank of donor/members
- Air & ground transport support for the Armed Services Blood Program, the American Red Cross, and other blood management agencies.
- Augmentation at Air Force/Army/Navy blood collection sites
- Augmentation of American Red Cross and other blood collection sites



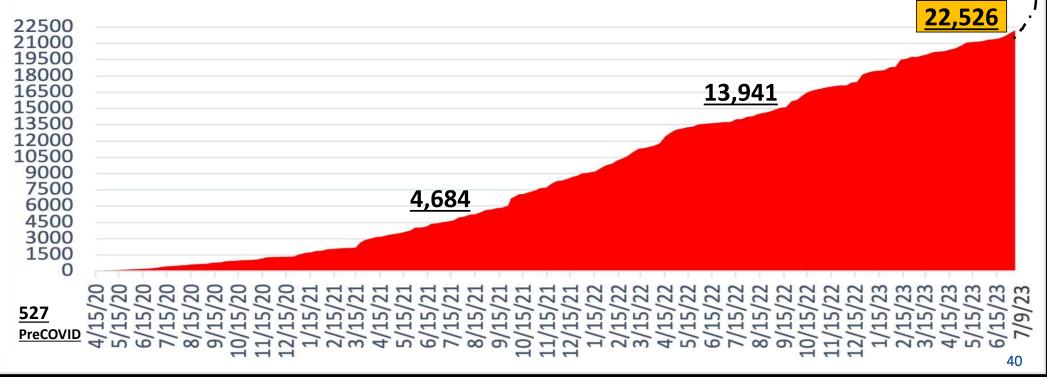




Mission Goal Date: 31 Dec 2023

Goal: 25,000 Units of Blood

Operation Pulse Lift Blood Units Donated







Posse Comitatus Act



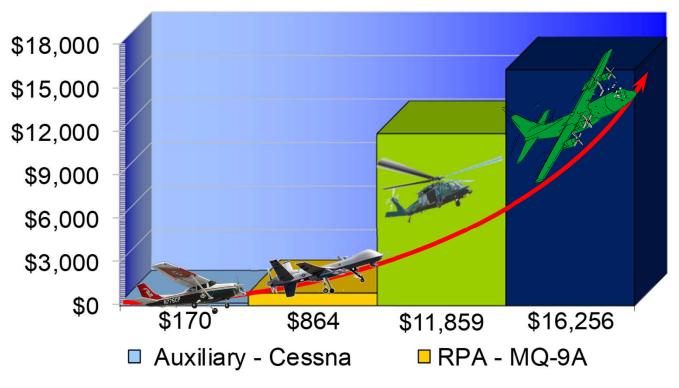
Cannot:

- Search individuals/vehicles
- Seize
- Arrest
- Interrogate
- Direct Law Enforcement Activities



Cost Effective Force Multiplier





Notes: Chart shows average cost per flying hour CAP normally receives agency mission funding via a MIPR



Defense Support to Civil Authorities CAP Advantage

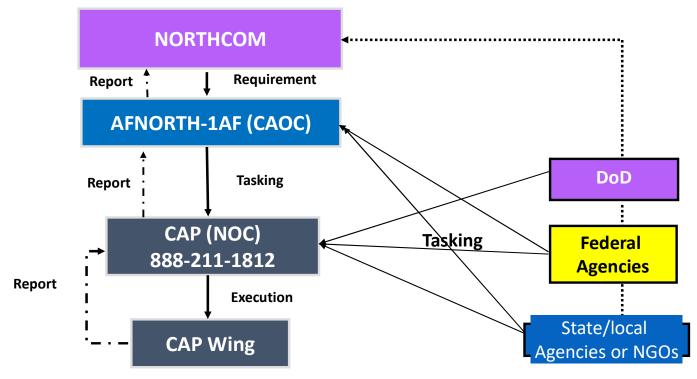


SECDEF Chairman, Joint Chiefs **OSD Executive** Joint Director of of Staff **Secretary Military Support** (JDOMS) Commander, **NORTHCOM CAP** Tasking Coordination **State Governor** Air Force **Request for** Assistance



Request for Forces





CAP Remains Under Military Operational Control



Bottom Line





- CAP is ready, willing and able to assist
- CAP volunteers are trained professionals who will work to meet your requirements
 - Airborne Reconnaissance & Imagery
 - Blood Transport and Team Augmentation
 - Chaplain Services
 - Communications Support
 - Disaster Mental Health Response Teams
 - Operations Center Staffing/Augmentation
 - Shelter & PODs Management
- CAP is a cost-effective force multiplier





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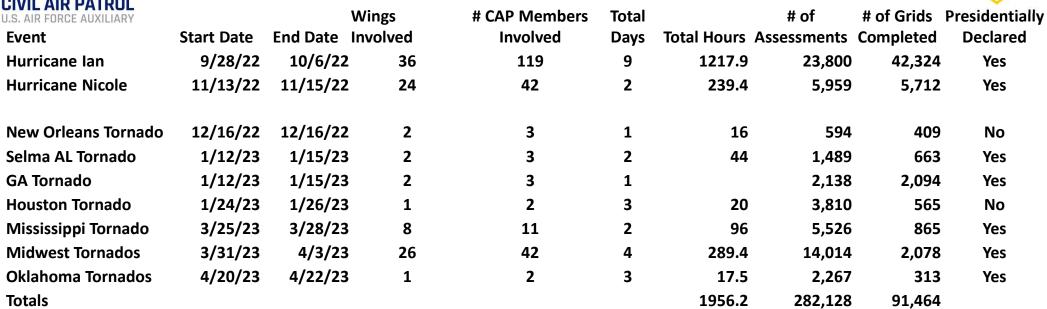
Backup Slides ECAP MOUNTAIN REGION **CIVIL AIR PATROL U.S. AIR FORCE AUXILIARY**



CAP Geospatial Program

Geospatial Damage Assessments Events since Sep - 2022

MOUNTAIN REGI



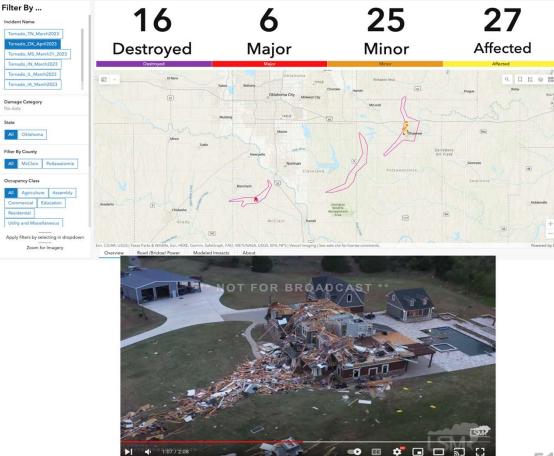




CAP Geospatial Team Supports FEMA Geospatial Assessments 20 April 2023 Oklahoma Tornadoes







Volunteers Serving America's Communities, Saving Lives, and Shaping Futures.



Blood Stats Operation Pulse Lift



- □ 12 April 2017 31 December 2019: **527 Blood Units**
- 15 April 31 December 2020: 1,530 Units
- 1 January 31 December 2021:7,493 Units
- □ 1 January 31 December 2022:8,783 Units
- 1 January 11 May 2023: 2,785 Units
- □ 12 May 31 December 2023: 1,408 Units
- □ Total Units Collected: <u>22,526 Units</u>
- □ CAP COVID Donor Center Events:



Response

- Wings Participating 52+NHQ
- Blood Transports: **402**
- Collection Centers Supported: 45



TXWG Cadets Joint Base – San Antonio

