

Civil Air Patrol - Colorado Wing



Capabilities Briefing

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Director of Operations
Colorado Wing

20 July 2023



Legal Authority

- **Title 36, USC 40301: Federally Chartered Non-Profit Corporation**
 - Serving our communities while not under federal response.
- **Title 10, USC 9442: Volunteer Civilian Auxiliary of the Air Force**
 - When 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.
- **CRS § 28-1-101: Division of the CO Dept of Military & Veterans Affairs**
 - When performing missions on behalf of state agencies
 - Eligible for Benefits under the “Workers Compensation Act of Colorado”



Membership and Resources

2023 Statistics

Membership

Adult Members	1,120
Cadets	885
Total	2005

Units

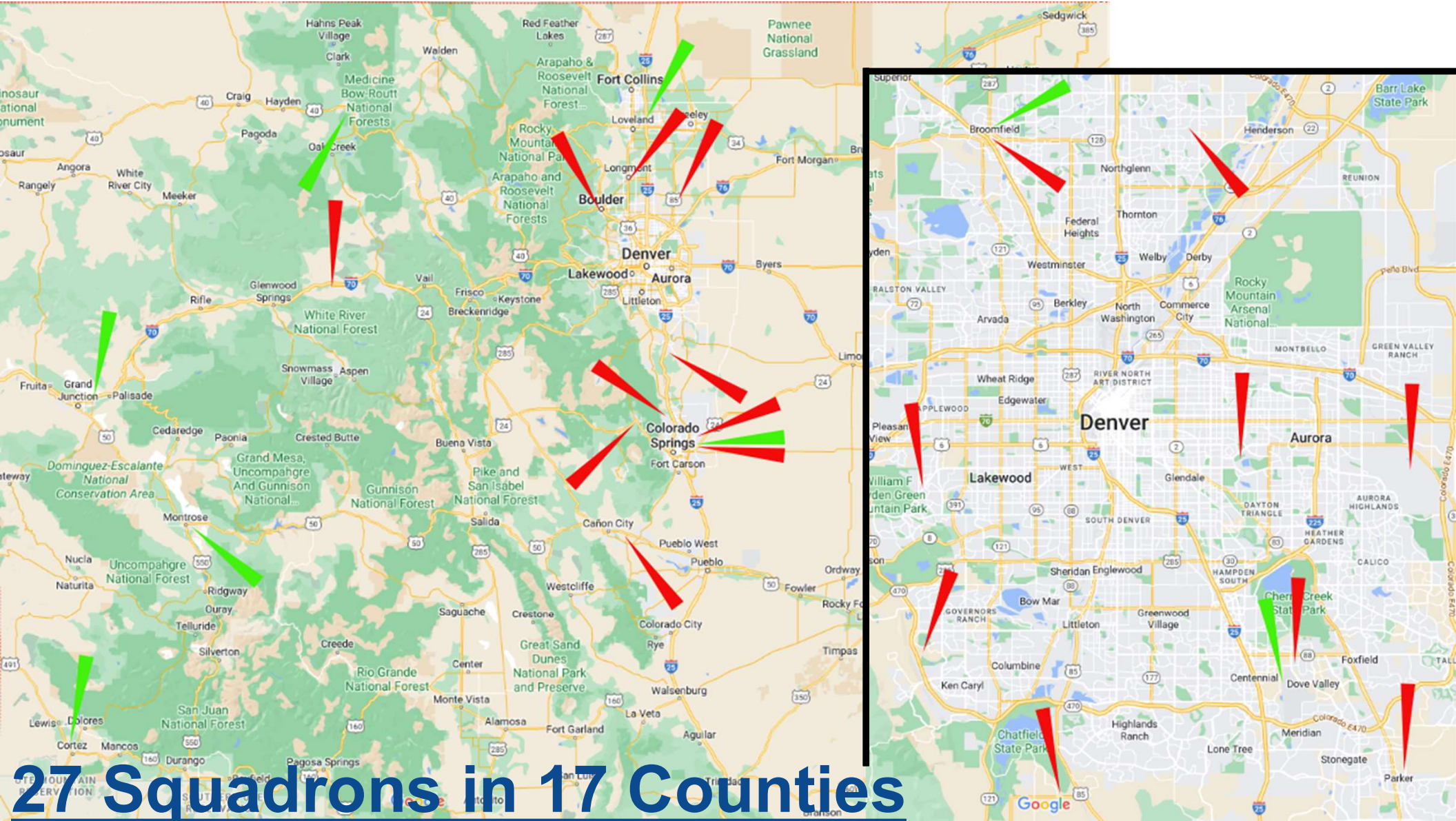
Squadrons	27
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Equipment

Aircraft	16
Vehicles	31
VHR Radios - Portable	133
VHF Radios – Mobile/Base	145
VHF Repeaters – Fixed & Tactical	25
HF Radios – Long Range	32

- 99.95% Volunteer Organization
- 1 Corporate FTE
- 1 State FTE





27 Squadrons in 17 Counties



Aircraft Fleet



Cessna 182 (12)



Cessna 172 (2)



Gippsland GA-8 (1)



Cessna 206 (1)

- Operate from 2500' runway
- VHF AM and FM radio
- Cruise speed 110-135 knots
- Range 520-730 NM



Vehicle Fleet



**11/12 Passenger Van (26)
Minivan (8)**



**Pickup (12)
SUV (9)**

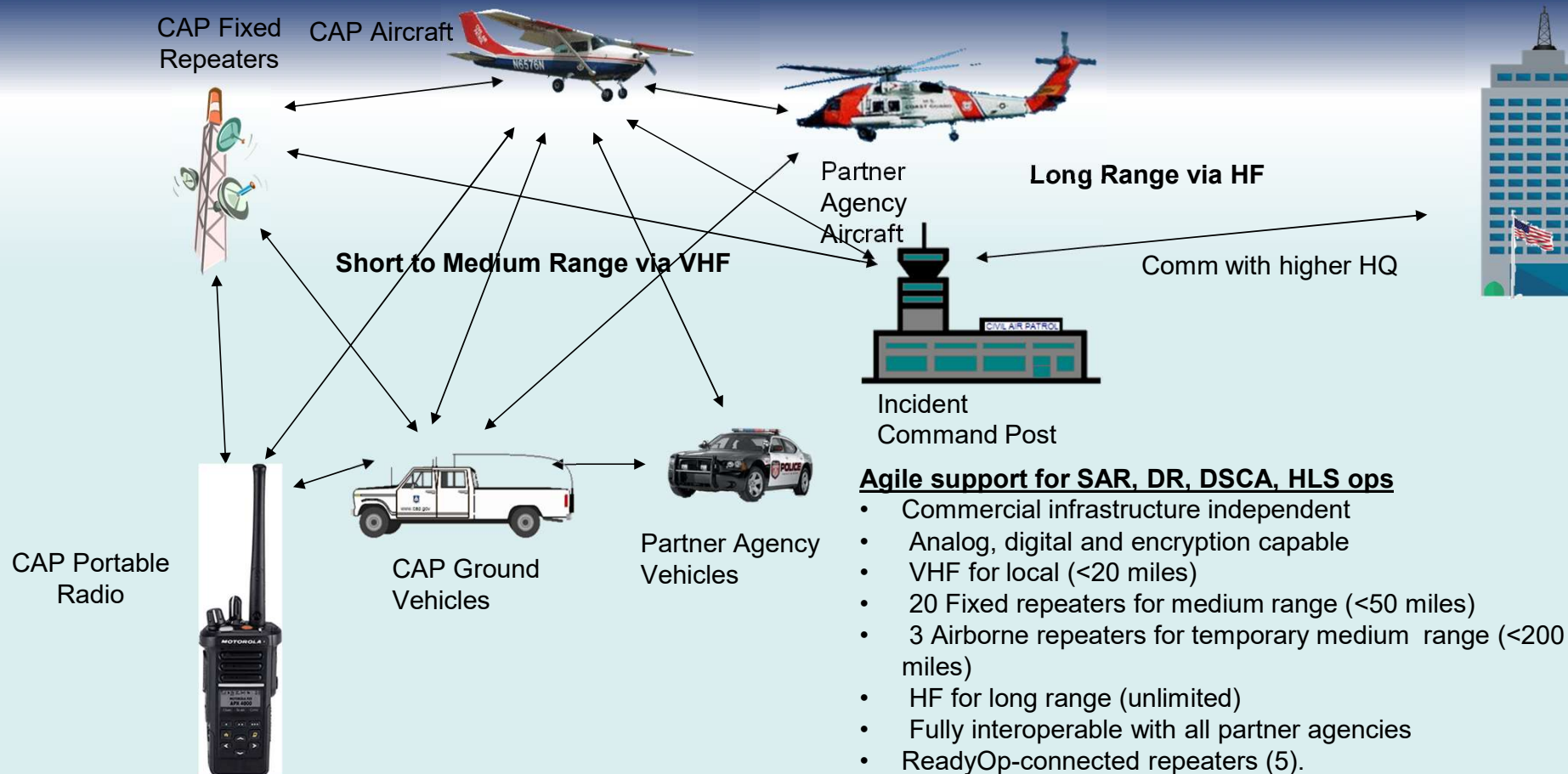


**CUV (8)
Communications Trailer (2)**





CAP Communications System





ReadyOp Internet Remote Base Stations

- Operate repeaters from anywhere via computer, smart phone, or tablet
- Goal: Every CAP repeater connected
- CAP Wings are looking for host locations
 - Need auto-start, auto-switch emergency power
 - Need internet restoral priority
 - Look for: Government buildings, hospitals, telecommunications facilities
 - Avoid: Member's homes
- Colorado Presently has 5 ready-op nodes and are looking to expand
 - Priority locations: Steamboat, Montrose, Cortez





ReadyOp Dashboard

Alex Nuckols (CO Wing) - You are currently online

Dispatch	Roster	Tracking	Files	Forms	Logbook	ICS	CAP-USAF	NHQ CMD	NHQ NOC	DO	DOK	Mission	NTN	Weather/Hazards Sites	NE Region	CT	MA	ME	NH	NY	NJ	PA	RI	VT	MA Region	DC	DE	MD	NC	SC	VA						
GL Region	IL	IN	KY	OH	MI	WI	SE Region	AL	FL	GA	MS	TN	PR	NC Region	IA	KS	MN	MO	ND	NE	SD	SW Region	AZ	AR	LA	NM	OK	TX	RM Region	CO	ID	MT	UT	WY	Pacific Region	AK	CA

ID	Name	Gateway	Id
184	6-SWR-Intercom		6-S
1370	6-SWR-LA Intercom		6-S
1371	6-SWR-NM Intercom		6-S
1372	6-SWR-OK Intercom		6-S
1373	6-SWR-TX Intercom		6-S
701	7-RMR CO R21P MONTROSE		00
256	7-RMR CO R25 FT COLLINS		00
700	7-RMR CO R26P GRAND J...		00
255	7-RMR CO R28P DENVER		00
257	7-RMR CO R57P COLORA...		00
1751	7-RMR ID R27P IDAHO FA...		00
1769	7-RMR ID R32P GRANGEV...		00
2181	7-RMR ID R56P BURLEY		00
2182	7-RMR ID R57P BOISE		00
695	7-RMR MT R35P GREAT F...		00
694	7-RMR MT R49P LEWISTON		00
2041	7-RMR MT R57P MILLER P...		00
2042	7-RMR MT R61P PAT'S KN...		00
722	7-RMR UT R38P FORD RID...		00
725	7-RMR UT R41P FRANCIS ...		00
724	7-RMR UT R42P LOGAN P...		00
2493	7-RMR UT R44P FRISCO P...		00
726	7-RMR UT R47P LAKE MTN		00
254	7-RMR UT R49P BLOWHA...		00
723	7-RMR UT R58P KESSLER...		00
1374	7-RMR-CO Intercom		7-F
1375	7-RMR-ID Intercom		7-F
185	7-RMR-Intercom		7-F
1376	7-RMR-MT Intercom		7-F

7-RMR CO R21P MONTROSE

7-RMR CO R26P GRAND JUNCTION

7-RMR CO R57P COLORADO SPRINGS

7-RMR CO R25 FT COLLINS

7-RMR CO R28P DENVER

7-RMR CO R28P DENVER

7-RMR-CO Intercom

History

ID	Keyed Channel	User
No records found		

11:52 38%

ReadyOp

7-RMR CO R57P COLORADO SPRINGS

7-RMR CO R25 FT COLLINS

Home
Messages
Photos
Settings

ID	Name	Id
323 entries		

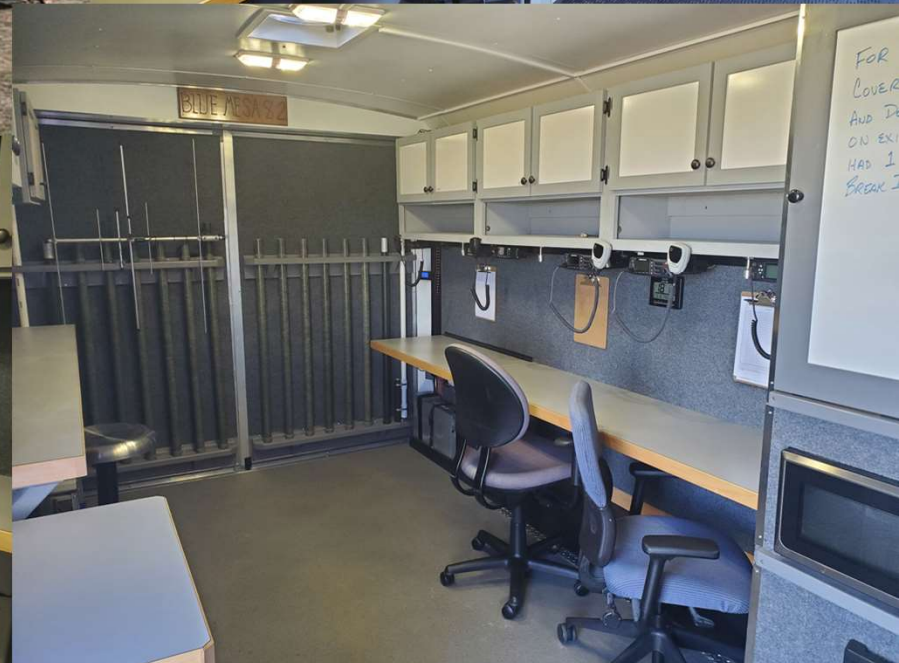
ID	Keyed Channel	User
0 entries		

Other Channel(s)
0 entries



Colorado Comm

- In the process of adding CAP channel “CAPGUARD” to all COARNG helicopters
- Mobile Radio Communications Trailer stored at Fort Collins/ Loveland Airport
- Base Radio stations
 - Broomfield
 - Boulder
 - Peterson SFB
 - Grand Junction
 - Centennial





Handheld Camera Packages

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





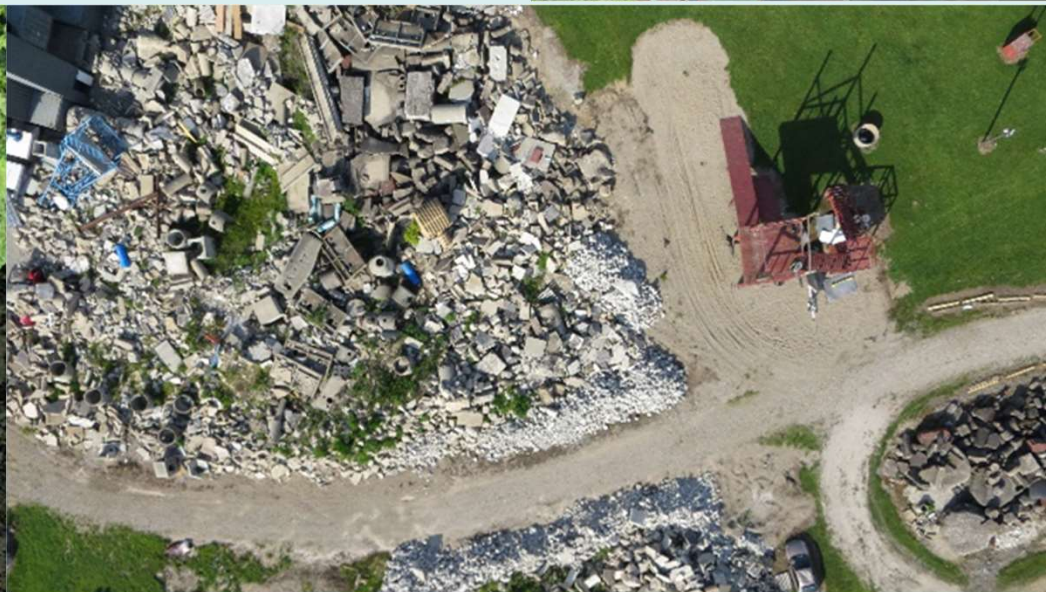
DAART

Domestic Operations Awareness & Assessment Response Tool





Inexpensive Small UAS Applications for CAP





Mission Qualified Personnel

- Approximately 1,050 members are involved in operations
 - 7 Incident Commanders
 - 38 Mission Pilots
 - 34 Airborne Photographers
 - 150+ Other Aircrew Members
 - 45 Ground Team Members
 - 59 Radio communication network operators
 - 100+ have completed ICS300
 - 450+ have completed IS100



Logistics Movement and Support





Point of Distribution (POD) Support





CAP Supports DoD Installations



Tyndall AFB



Homeland Security, Defense, and Counterdrug





Low Level Route & Range Surveys



- 500 to 1,000 hours of LLRS missions are flown annually across the US
- Approximately 500 hours of range support is also flown each year
- Sequestration and CRs impact this flying as AF units need less support when they are not flying



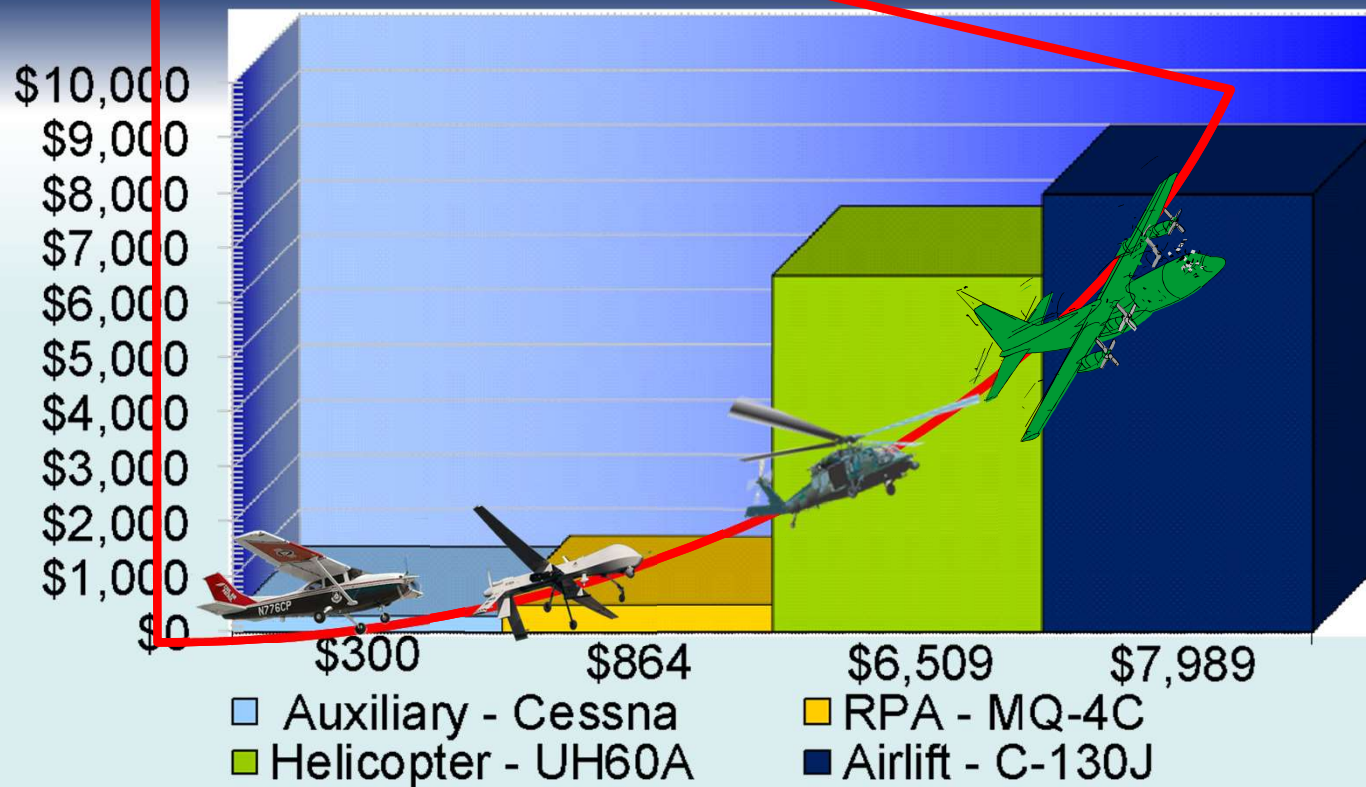
Posse Comitatus Act

Cannot:

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



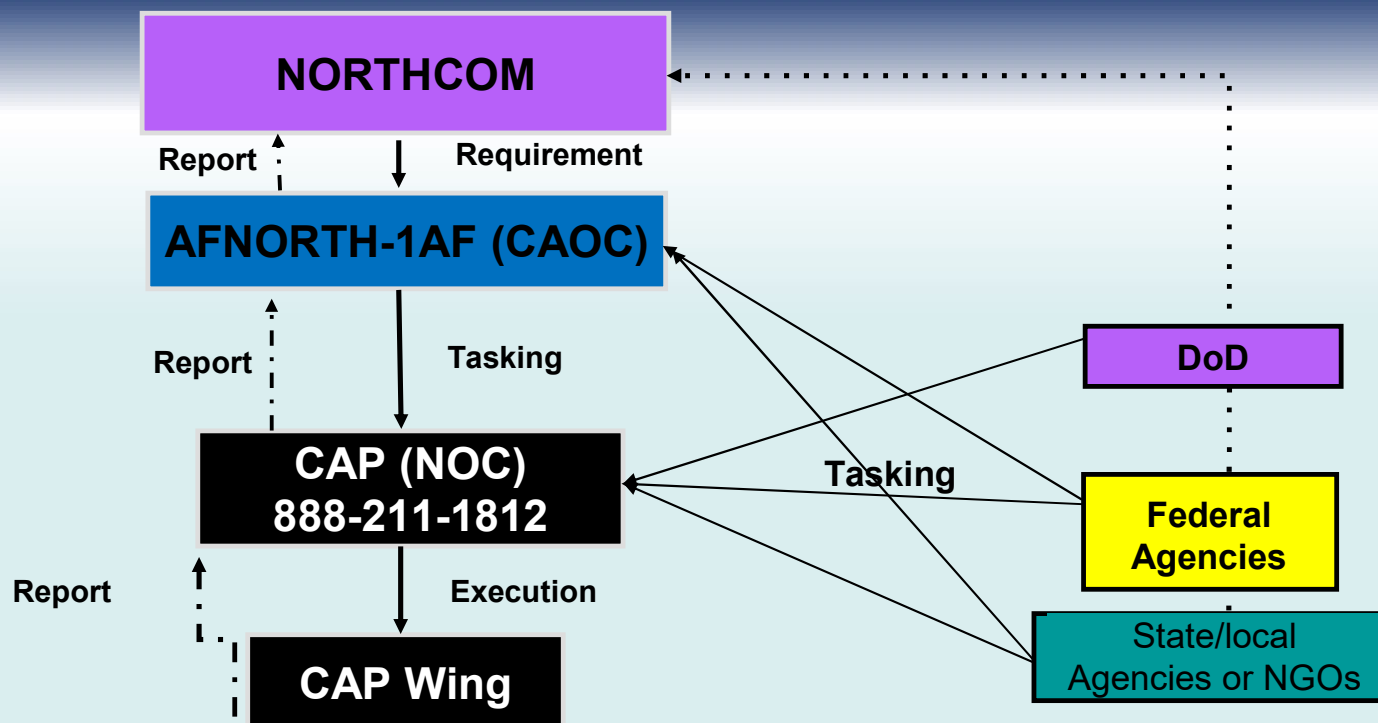
Cost Effective Force Multiplier



Notes: Chart shows average cost per flying hour for FY22
CAP normally receives agency mission funding via a MIPR



Request for Forces



CAP Remains Under Military Operational Control



Conclusion



- CAP is ready, willing and able to assist
- CAP volunteers are trained professionals who will work to meet your requirements
 - Airborne Reconnaissance / Photography
 - Search and Rescue
 - Air Defense Intercept Training
 - Communications Support
 - Low level route surveys
 - Cordon support & crowd control
 - Point of Distribution Support
 - Logistics Movement and Support
- CAP is a cost effective force multiplier

QUESTIONS?

