

# NC Wing CAP sUAS



# sUAS Missions

- **Golden Eagle with 640 IR camera**
  - Excellent missing person search platform
  - CAP sUAS Mission Pilots meet Part 107 & NC DOT
  - Goal in North Carolina is two hour response
- **National CAP assets available on request**
  - sUAS airborne Starlink node for intranet capability
  - sUAS airborne repeater capability (400 ft AGL limit)



Hexcopter with Gas engine



Teal Golden Eagle2  
latest version



# sUAS Missions

- **CAP sUAS Mission Pilot Qualifications**
  - Annual CAPF-5u check ride required
  - Bi-Annual CAPF-91u check ride for MP
  - Capable of automated mission planning/mapping
  - CAP MP are trained/qualified for night flight
  - Safety equipment is as per client requirements
- **CAP sUAS Technician training**
  - Battery charging/management; scene security
  - FAA Spotter qualified/ Most are F5u sUAS pilots

Civil Air Patrol Regulations: **CAPR 70-4** regulates training and qualifications for the CAP sUAS program across the nation. These standards are adhered to by every CAP unit. Waivers to FAA and CAP rules and regulations are **ONLY** done through our National Operations Center (NOC)



# SAR Best use of Drones

Use sUAS teams to eliminate large open areas

Call in CAP sUAS teams early for night Infra-red sweep

CAP sUAS may need assistance getting to remote areas

Best circumstance is large open space for launch

CAP sUAS operations currently require “Line of sight”

Summer heat plays havoc on drones and batteries

# Posse Comitatus Act

Cannot:

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