



Civil Air Patrol U.S. Air Force Auxiliary



Resources and Capabilities

AVAILABLE FROM ACROSS THE NATION, DEPLOYABLE ANYWHERE, AT ANY TIME.

Briefing for the
Calvert County
Office of Emergency Management

Briefing Officers:

LtCol Wes LaPre
Commander

Maryland Wing, Group 3
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Emergency Response Coordination:

National Operations Center

Toll Free: 888-211-1812
Voice: 334-953-7299
Fax: 800-555-7902
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Terry Raymond

Chief, National Operations Center
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NATIONAL, REGIONAL, STATE

- United States Air Force Auxiliary
 - Congressionally Chartered: Nonprofit, 501(c)(3) corporation
 - An all-volunteer organization: 57,000 members
 - ❖ 33,000 Senior Members (adults, age 18 and older)
 - ❖ 24,000 Cadets (age 12 – 21)
- National HQ: Maxwell Air Force Base, Montgomery, AL
- Middle East Region HQ: Richmond, VA
- Maryland Wing HQ: Glen Burnie (near BWI Airport)
Col Jerry Weiss, Commander
 - 1,360 Volunteer Members (734 Senior Members; 626 Cadets)

LOCAL UNITS

- **Maryland – Group 3 (Southern Maryland)**

Lt.Col. Wes LaPre, Commander Cellular: 301-717-3376

- **Anne Arundel County:**

Apollo1 Squadron, Tipton Airport, Odenton
Captain Joe Kekich, Commander

Arundel Squadron, Glen Burnie
Major Scott Harris, Commander

Annapolis Squadron, Lee Airport, Edgewater
Captain Glenn Wright, Commander

- **Prince Georges County:**

College Park Composite Squadron, College Park Airport

Bowie Composite Squadron, Freeway Airport, Bowie

- **Calvert County:**

Prince Frederick Squadron
Captain Frank deBros, Commander

- **St Mary's County:**

St Mary's Squadron, Capt Walter Francis Duke Airport, Hollywood
Captain David Webster, Commander

- **Charles County:**

Hyde Field Senior Squadron, Washington Executive Airport
Indian Head meeting facility, NSWC Indian Head

MISSIONS

- Cadet Programs
- Aerospace Education
- **Emergency Services**
- **Homeland Security**

EMERGENCY SERVICES

- Search and Rescue (SAR)
 - Air Search and Rescue
 - Ground Search and Rescue
- Disaster Relief
- Radio Communications Network



SEARCH AND RESCUE (SAR)

Responsibilities

- Search
 - Missing Aircraft
 - Missing Persons
- Blood, Tissue, Organ & Patient Transport
- ELT/EPIRB/PDB Search
- Crash Site Surveillance: NTSB, FAA, Maryland State Police



Tasking

- U.S. Congress Established Guidelines
- USCG: Over Water SAR
- USAF: Inland SAR
 - CAP performs over 90% of federal inland SAR as tasked by AFRCC
- Air Force Rescue Coordination Center (AFRCC)
Langley AFB, Hampton, VA

DISASTER RELIEF (DR)

Responsibilities

- Damage Assessment
 - Digital Photography and Single-frame Video Downlink
 - CAP SATCOM Digital Imaging System (SDIS)
 - Hyper-Spectral Imaging
- Humanitarian Aid; Shelter Assistance
 - Logistics support; Mass Care support
 - ❖ Squadrons are pursuing Mass Care skills for all personnel
- Air Transport
 - People: Federal, State and Local Agency Personnel
 - Human Blood, Organs and Tissue; Special Equipment and Material
- Disaster Preparedness Operations & Exercises
 - Group or Wing (statewide) SAR/DR Exercises occur monthly
 - BWI Emergency Planning Exercise (EPLEX)
 - County EOC & Community Emergency Response Team (CERT) affiliations

Tasking

- Air Force National Security Emergency Preparedness (AFNSEP) Office
 - Disaster Relief (Peacetime)
- STate ARea Command (STARAC)
 - Disaster Relief (Wartime) -- Civil Defense (Wartime)
- MEMA – Coordinates CAP Disaster Relief efforts within Maryland

RADIO COMMUNICATIONS (COMMS)

- One of the largest unified comms networks in the country - Available 24/7
- VHF-FM: NTIA Compliant Narrowband VHF-FM Network
 - VHF-FM Repeaters: 5 Fixed, 2 Airborne, 2 Deployable
- HF: NTIA Compliant HF Network

OTHER EMERGENCY SERVICES MISSIONS

- Bay Patrol

HOMELAND SECURITY

- Critical Infrastructure Protection
- Counter Drug Support

CRITICAL INFRASTRUCTURE PROTECTION

- Power line / gas pipeline patrol
- Military base perimeter patrol
- Coastline / harbor / river patrol
- Special event surveillance



COUNTER DRUG (CD) SUPPORT

- In 1985, Congress added Support of Law Enforcement to CAP's missions.

"Assist federal, state, county and local government and law enforcement agencies who are involved in the fight to eliminate illicit drug use, production and sale in the United States, its territories and its possessions."

- All CAP Counter Drug Mission personnel are DEA screened
- Primary Counter Drug Mission Tasks
 - Aerial Reconnaissance
 - Transportation of personnel and special equipment
 - Joint DOD/LEA target-intercept training exercise support



RESOURCES

CAP resources are available from across the nation, deployable anywhere, at any time.

With the largest fleet of single engine airplanes in the world, CAP can place an aircraft over any point in the country within 2 hours

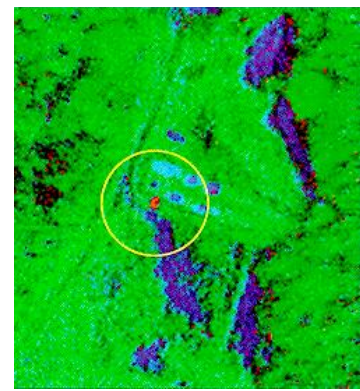
INCIDENT COMMAND POSTS – MARYLAND WING

- Glenn L. Martin ICP, Martin State Airport, Warfield ANG Base
- St. Mary's ICP, Hollywood, MD
- Hagerstown ICP, Hagerstown Airport
- Salisbury ICP, Salisbury Airport
- Annapolis Communications Base, Lee Airport
- Mobile Command Base / Communications Van



AIR RESOURCES – MARYLAND WING

- 12 Mission Ready CAP owned Aircraft
 - Cessna C172, C182, GA-8 Airvan
- Additional Member Owned Aircraft
- Available National Resources:
 - 550 CAP aircraft
 - 4,000 member-owned aircraft
- Aircraft Systems:
 - ELT/EPIRB/PDB Direction Finder
 - GPS
 - SATCOM Digital Imagery System (SDIS)
 - Hyper-Spectral Imagery (HSI) systems
 - Digital Image Downlink (VHF)
 - Airborne Repeaters (deployable)



HYPER-SPECTRAL IMAGING

Hyper-Spectral Imaging allows operators to program the spectral "signature" for an object into a sensor and then search for that object from the air. The imaging system can pinpoint the object even through trees and foliage. Limitations (daylight, covering).

GROUND RESOURCES – MARYLAND WING

- 16 Ground Teams in Maryland Wing
- Response Times:
 - Within 60 Minutes
 - Example: Missing Person Search (3/13)
 - ❖ Alzheimer patient in Howard County Assisted Living Facility
 - ❖ CAP contacted at 0730
 - ❖ Incident Commander & first Search Teams arrive by 0830
- Emergency Services Qualifications

All CAP Emergency Services personnel are trained and operate under the Incident Command System (ICS)

 - Incident Commander (IC)
 - Ground Branch Director (GBD)
 - Ground Team Leader (GTL)
 - Ground Team Member (GTM-1, GTM-2 & GTM-3)
 - Urban Direction Finder (UDF)
- Majority of our Ground Team Members are teenage volunteers (cadets)
 - A re-investment in our communities.
 - Our average cadet Ground Team Member:
 - ❖ Is 14 - 15 years old (males and females)
 - ❖ Performs 300 – 500 hours of community service per year
 - ❖ Trains 1 – 2 weekends per month / 2 weeks per year (Advanced)
 - ❖ Instructs 20 –30 other GTM trainees (cadet & adult)
 - ❖ Participates in 3-5 actual missions per year

MEMORANDUM OF UNDERSTANDING

- A Changing World...
 - 1st Air Force is responsible for the defense of the continental U.S.
 - CAP Homeland Security missions are coordinated by the 1st AF
 - SAR in Maryland coordinated and tasked by Maryland State Police
 - Disaster Relief tasked by Maryland Emergency Management Agency

ASSISTANCE REQUEST PROCEDURES

The Maryland Wing CAP is available to provide coordinated air/ground search, transportation, communications and other assistance.

CAP National Operations Center (CAP-NOC) – One Stop Shop
Toll Free: 1-888-211-1812 Email: opscenter@cap.gov

- Search and Rescue Missions
 - Air Force Rescue Coordination Center (AFRCC) - Langley AFB, VA
 - ❖ 1-800-851-3051
 - ❖ Maryland State Police - MSP Duty Officer: 410-653-4200
- Disaster Relief Missions
 - Air Force National Security Emergency Preparedness (AFNSEP) Office
1st Air Force/AFNORTH Tyndall AFB, FL
 - ❖ 1-850-283-8080
 - ❖ MEMA (channels)
- Maryland Wing Points of Contact

NAME	
Capt Kevin Martin Deputy Chief of Staff Operations	C: 301-540-0152
Maj Tim Strickland Director: Emergency Services	C: 410-960-1337

PARTNERSHIP

- Helping You... Helps Us!
 - Keeps our people trained: Reduces the “**Dull Knife Syndrome.**”
 - Keeps our people motivated. Maintains a sense of purpose.
 - Improves interface and operational effectiveness.
- Define how we can support Calvert County
 - Identify required skills
 - Identify training opportunities
 - ❖ Shared Training - Joint Exercises
 - Define Interoperability Requirements & Solutions
 - ❖ Processes - Communications - Our needs
 - Help identifying and coordinating required training
 - Allow us to participate in ES & HLS exercises as a full partner