



Civil Air Patrol

“Citizens Serving Communities”

www.gocivilairpatrol.com



Presented to

**National Transportation Safety Board
General Aviation Search And Rescue Forum
17 July 2012**



Overview



- **Civil Air Patrol / USAF Auxiliary
Legal Status**
- **Resources & Current Aircraft**
- **Mission History**
- **Typical GA SAR Response**
- **Technology Helps Save Lives**
- **Issues to Consider**



CAP / AFAUX Legal Status



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.



Resources



| 2012 Statistics | |
|--------------------------------------|--------|
| Membership | |
| Adult Members | 34,698 |
| Cadets | 26,620 |
| Total | 61,318 |
| Units | |
| HQ, Region, Wings, Groups, Squadrons | 1,535 |
| Equipment | |
| Aircraft | 550 |
| Vehicles | 960 |
| Radios – Fixed Land | 2,000 |
| Radios – Mobile | 4,575 |
| Radios -- Portable | 3,100 |





Current Aircraft



Gippsland GA-8 (16)



Cessna 206 (22)



Cessna 182 (310)



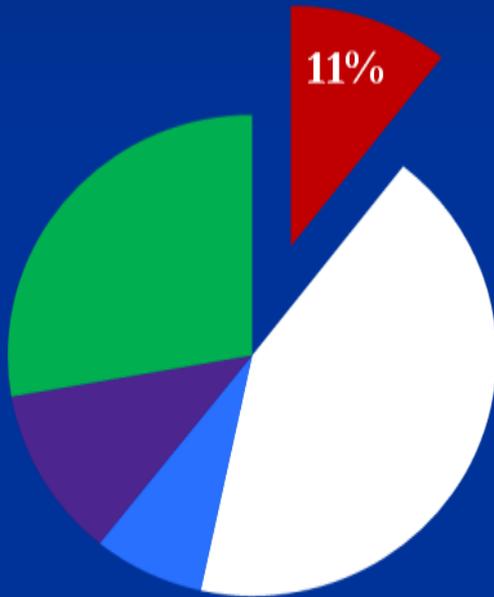
Cessna 172 (195)



FY11 CAP Mission History

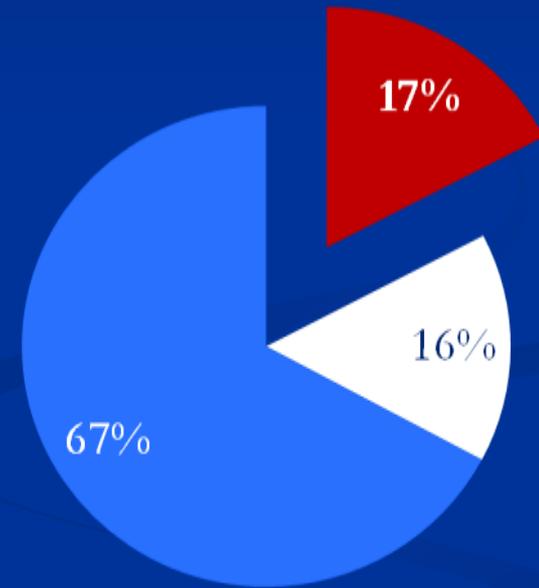


All Mission Activity



- Search & Rescue
- Drug Interdiction
- Base Support
- Disaster Relief
- Homeland Security

Search & Rescue Activity



- Missing Aircraft
- Missing Person
- ELT/EPIRB/PLB



Typical CAP GA SAR Response



AFRCC Mission Approval



CAP Wing(s) Alerted



CAP Incident Commander (IC) Selected



IC Identifies and Tasks Resources to Manage Search Operations and Locate the Objective



Objective is Located and Rescue/Security Operations Commence, typically with local First Responders



Technology Helps Save Lives



G-1000 glass cockpit



Improved ELT DF

- **Better technology onboard search aircraft help reduce search time and save lives**
 - **Electronic direction finders**
 - **Search track planning tools through GPS**
- **Radar and cell phone forensics teams narrow the search area and allowing responders to locate survivors quickly**

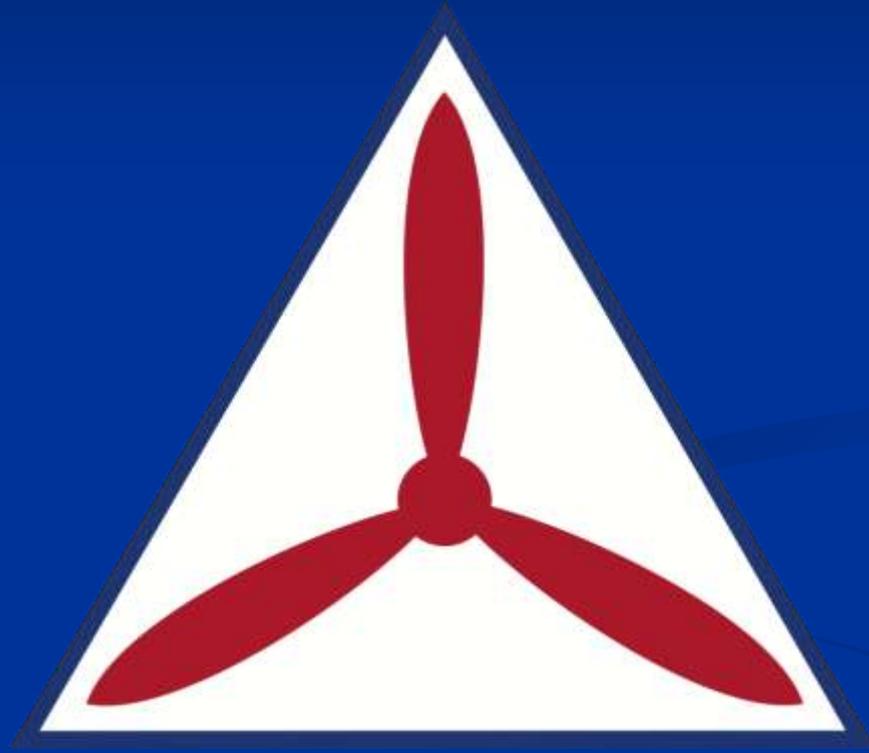


Issue To Consider



- **Changes to rescue beacons that remove the 121.5 MHz homing beacon will impact SAR operations**
- **More allowances for use of cell phones in General Aviation aircraft could help some search efforts**
- **Search forces are predominantly made up of volunteer professionals augmented by paid staff**

Civil Air Patrol



...supporting communities across America!