

U.S. AIR FORCE AUXILIARY

Tennessee Wing



2013 STATISTICS

Volunteer Members

636 adult members
433 cadets
703 voting-age members
163 aircrew personnel
698 emergency responders

Squadrons

36 locations statewide

Aircraft

9 single engine
2 gliders

Vehicles

25 vehicles

Interoperable Communications

14 VHF/FM repeaters
154 VHF/FM stations
23 HF stations

Missions

7 search and rescue missions
6 finds
10 other state support missions

Cadet Flying

680 cadet orientation flights

Total Hours Flown

1,644

Financial

\$67,787 in state funding
\$2.6M value of wing's volunteer hours

National Commander

Maj. Gen. Charles L. Carr Jr.
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Region Commander

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Wing Commander

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Wing Serves Citizens and State of Tennessee

The Tennessee Wing saw significant achievements in all three of Civil Air Patrol's congressionally chartered missions in 2013.

In cadet programs, the Tennessee Wing Drill Team, representing CAP's Southeast Region, was declared co-champions in National Cadet Competition. The 14 cadets making up the drill team, selected from units across the wing, won all but two events on the way to winning the overall competition. Cadet color guards performed in numerous ceremonies across the state, including Nashville Predators hockey games, Air Force Association meetings and the Tennessee Aviation Hall of Fame induction ceremony. Cadets also received hundreds of orientation flights in CAP Cessna aircraft and gliders, familiarizing them with both powered and glider flight operations.

The highlight of the year in aerospace education was induction of Lt. Col. Montille Warren into the Tennessee Aviation Hall of Fame. A Civil Air Patrol member since 1980, Warren has devoted herself to promoting aviation for more



than 30 years. For CAP she has organized 33 summer encampments, numerous Cadet Officer Schools and drill team competitions, and she managed the National Flight Academy for seven years.

Wing members qualified in emergency services participated in Air Force Rescue Coordination Center missions that resulted in five finds in 2013. Members increased their capacity for performing these missions by completing more than 1,700 skills qualifications during the year. Their training was tested not only by CAP exercises but also by no-notice exercises conducted for the Tennessee Emergency Management Agency.

▲ *The Tennessee Wing Drill Team was named CAP's National Cadet Competition co-champion.*



Technology

Advances in technology

— including digital electronic direction finders, infrared cameras that register heat signatures, real-time full-motion video, in-flight chat capabilities and airborne public address systems — have enhanced CAP's SAR capabilities.

High-Profile Missions

Oklahoma Tornadoes — CAP ground teams photographed 13,000 property sites.

Colorado Flooding — 112 sorties and 2,763 man-hours to capture 10,061 images for FEMA.

South Dakota Blizzard — 440 geotagged photos documenting 15,000-30,000 dead livestock, a \$1.5 billion blow to the state's economy.

Nevada SAR — Six people stranded in subzero weather saved.

By the Numbers

CAP annually conducts **90 percent of inland search and rescue missions** in the continental U.S. as tasked by the Air Force Rescue Coordination Center and other agencies.

550 single-engine airplanes — one of the largest fleets of single-engine piston aircraft in the world.

8,243 aircrew personnel and **4,028 ground team members**.

31,854 qualified personnel trained to federal standards completed **142 disaster relief missions** for federal, state and local agencies.

With aerial photography now CAP's number one emergency services' mission, nearly **80 percent of aircraft are equipped with cameras**.

Air Force Rescue Coordination Center credited CAP's cell phone forensics and radar forensics teams with **30+ saves**.

CAP aircrews flew **1,250 hours during air defense exercises** in 2013, helping prepare fighter units across the country for homeland security missions.

Aircrews conducting **counterdrug and drug interdiction operations** flew 7,017 hours helping law enforcement agencies seize \$442 million in illegal drugs and currency, leading to 247 arrests. CAP aircrews were involved in **188 counterdrug missions** in 2013.

Missions

Cadet Programs

Core Values CAP instills the organization's core values in its cadets — respect, integrity, volunteer service and excellence. Cadets are drug-free role models in their communities and schools.



Career Exploration

CAP annually offers more than 30 National Cadet Special Activities, ranging in focus from how to fly powered airplanes or gliders to mastery of emergency services skills and techniques.

Flying High

The opportunity to fly is the major attraction CAP offers youth. During 2013, CAP's pilots flew cadets on 32,893 orientation flights.

Encampments

Encampments offer cadets in-depth training in key aspects of the cadet program, enabling them to apply classroom principles to real-world needs.

Community Service CAP cadets serve their communities in a myriad of ways, including collecting and distributing food and clothing to the needy, carrying out cleanup campaigns and meeting logistical needs for aviation-related events like air shows.

Wreaths Across America Every December, in all 52 wings and even overseas, cadets participate in Wreaths Across America observances, presenting the colors and placing wreaths on veterans' graves in national cemeteries and at war memorials.

Scholarships

More than \$300,000 in college and flight scholarships are available to CAP cadets.



Aerospace Ed

Civil Air Patrol's award-winning aerospace education program promotes aerospace history, flight principles and careers. Many of the nation's astronauts, pilots, engineers and scientists first explored their careers in CAP.

CAP's **Aerospace Education (AE)** program, consisting of inquiry-based science, technology, engineering and math (STEM) products, annually inspires over 25,000 cadets and about 250,000 K-12 students to pursue those careers.

More than 20,000 youth in 28 states are K-6 **Aerospace Connections in Education (ACE)** program kids. The no-cost program enriches academics, character education and physical fitness with an engaging grade-specific curriculum.

Teacher Orientation Program (TOP) Flights

provide educators the opportunity to experience firsthand the excitement of flying and to expand their aeronautical knowledge, which benefits 25,000 students annually.



STEM Education

More than 30 no-cost aerospace education products and programs generate interest in **S**cience, **T**echnology, **E**ngineering and **M**athematics careers for about 275,000 cadets and youth nationwide.

STEM Kits

Nearly 50,000 K-12 youth across the country were exposed to career exploration programs associated with astronomy, flight simulation, model and remote-controlled aircraft, robotics and rocketry, thanks to free STEM kits funded by the National Defense Education Program.

Eye on the Future

The CyberPatriot program, complemented by CAP's cyber security educational materials, is grooming participants for future cyber security careers.

CyberPatriots

Civil Air Patrol is a leader in the the Air Force Association's All Service Division national high school **CyberPatriot** program. CAP cadets were named national champions in 2011 and 2012, and last year the South Dakota team finished first in competition to operate and secure a basic network.

