

U.S. AIR FORCE AUXILIARY

Ohio Wing



2013 STATISTICS

Volunteer Members

684 adult members
672 cadets
781 voting-age members
160 aircrew personnel
753 emergency responders

Squadrons

49 locations statewide

Aircraft

8 single engine
1 glider

Vehicles

25 vehicles

Interoperable Communications

14 VHF/FM repeaters
190 VHF/FM stations
20 HF stations

Missions

11 search and rescue missions
8 finds
16 other state support missions

Cadet Flying

723 cadet orientation flights

Total Hours Flown

1,424

Financial

\$3.2M value of wing's volunteer hours

National Commander

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

Col. Robert M. Karton
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Wing Commander

Col. Theodore L. Shaffer
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Members Support CAP's Primary Missions in 2013

The Ohio Wing supported each of Civil Air Patrol's primary missions — emergency services, cadet programs and aerospace education — in 2013. Here are some highlights for the year:

Emergency Services — Members contributed hundreds of volunteer hours, conducted 12 emergency locator transmission search missions, participated in the 2013 Ohio Emergency Management Agency Graded Disaster Exercise and provided 62 cadet orientation flights during the 2013 wing encampment. The wing conducted a mission aircrew school April 19-20, a ground team school May 9-13 and an Incident Command System incident staff school Sept. 9.

Cadet Programs — The Ohio Wing hosted CAP's 2013 National Cadet Competition from July 16-20 at Wright State University in Dayton. The wing also conducted its cadet encampment July 27-Aug. 3 at Camp Ravenna Joint Training Base and the cadet competition drill competition March 2 at Wright-Patterson Air Force Base., as well as the Great



Lakes Region Cadet Competition on April 7. In addition, Cadet Col. Sara Fishbein of Wright-Patterson Composite Squadron was honored as the 2013 Air Force Association Cadet of the Year; she is attending the U.S. Air Force Academy.

Aerospace Education — The Ohio Wing held its annual Cadet/Senior USAF Museum Day at Wright-Patterson Air Force Base on Feb. 15. The Space Day Model Rocket Competition was held at the same location in April. Two Youngstown ARS Composite Squadron members, 1st Lt. Brian Stoneburner and Cadet 2nd Lt. Emily E.

Conroy, were awarded the Frank G. Brewer Sr. Civil Air Patrol Memorial Aerospace Awards for the Great Lakes Region.

▲ *Cadet Alex Davis prepares for his orientation flight at the 2013 Ohio Wing Cadet Encampment.*



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.

