



FACT SHEET 2016

HISTORY

In December 1941, one week before the Japanese attack on Pearl Harbor, Civil Air Patrol was founded by citizens committed to using civilian aviation resources to help bolster the nation's defense.

Under the jurisdiction of the Office of Civilian Defense and later the Army Air Forces, CAP pilots flew more than 500,000 hours performing a wide variety of duties, including coastal patrol for submarine activity as well as ships and personnel in distress, forest and southern border patrols, target towing for the armed forces and courier flights.

On July 1, 1946, President Harry Truman established CAP as a federally chartered nonprofit corporation, and Congress passed a law on May 26, 1948, designating CAP as the Air Force Auxiliary and giving CAP three primary missions – emergency services, cadet programs and aerospace education.



THE ORGANIZATION

- ▲ Is congressionally chartered and operates as a 501(c)(3) nonprofit corporation.
- ▲ Performs services for the federal government as the civilian auxiliary of the U.S. Air Force and for states/local communities as a nonprofit organization.
- ▲ Serves as a strategic partner of the Air Force as a member of its Total Force.
- ▲ Includes eight geographic regions consisting of 52 wings (the 50 states, Puerto Rico and the District of Columbia).
- ▲ Consists of 1,400 squadrons and approximately 56,000 volunteer youth and adult members nationwide.
- ▲ Has more than 6,900 aircrew members and over 30,700 emergency responders trained to FEMA standards.
- ▲ Offers opportunities for members to serve communities, participate in leadership development training and acquire new skills that benefit personal and professional growth.
- ▲ Contributed over \$164 million in man-hours in 2015 by serving the disaster relief and emergency service needs of communities, states and the nation.
- ▲ Operates one of the largest fleets of single-engine piston aircraft in the world, with 550 currently in the fleet.
- ▲ Flies more than 98,500 hours annually.
- ▲ Maintains a fleet of more than 1,000 emergency service vehicles for training and mission support.
- ▲ Provides 475 chaplains and 450 character development instructors who minister to youth and adult members and help comfort survivors and victims of disasters.

OUR MISSION

Supporting America's communities with emergency response, diverse aviation and ground services, youth development, and promotion of air, space, and cyber power.



The U.S. Congress awarded CAP a Congressional Gold Medal in 2014 for its World War II service.





Aerospace Education

- ▲ Educates adult and cadet members and the community on the importance of aerospace.
- ▲ Provides support for educational conferences and workshops nationwide.
- ▲ Develops, publishes and distributes national academic standards-based STEM aerospace education curricula for kindergarten through college classrooms.
- ▲ Offers grant and college credit opportunities for adult and teacher members.
- ▲ Provides educators with free educational programs, products and services, including airplane orientation flights.

Cadet Programs

- ▲ Attracts more than 24,000 members ages 12 through 20.
- ▲ Educates youth in four main program areas — leadership, aerospace, fitness and character development.
- ▲ Enriches school curricula through after-school programs.
- ▲ Offers orientation flights in powered and glider aircraft, as well as flight training scholarships.
- ▲ About 10 percent of the U.S. Air Force Academy's new classes are made up of former CAP cadets.
- ▲ Cadets who have earned the Gen. Billy Mitchell Award enlist in the Air Force, U.S. Army and U.S. Coast Guard at a higher pay grade.
- ▲ Provides activities and competitions for cadets at the local, state, regional and national levels.
- ▲ Participates in the International Air Cadet Exchange program.

Emergency Services

- ▲ Conducts 90 percent of inland search and rescue in the U.S. as tasked by the Air Force Rescue Coordination Center and other agencies.
- ▲ Coordinates Air Force-assigned missions through CAP National Operations Center at Maxwell AFB, Ala., at a cost of \$120-\$165 per flying hour.
- ▲ Performs aerial reconnaissance for homeland security.



- ▲ Saves an average of 78 lives per year.
- ▲ Provides disaster-relief support to local, state and national agencies.
- ▲ Transports time-sensitive medical materials, blood products and body tissues when commercial resources are unavailable.
- ▲ Provides air intercept training, impact assessment, light transport, communications support and low-level route surveys for the Air Force.
- ▲ Assists federal, state and local law enforcement agencies in the War on Drugs.
- ▲ Maintains an extensive VHF and HF communications network.

- ▲ Awards college scholarships in several disciplines.
- ▲ Makes opportunities for community involvement available through color guard/drill team and emergency service missions.
- ▲ Explores STEM careers through aviation, space and technology-focused activities.
- ▲ Challenges youth to be ambassadors for a drug-free lifestyle.



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 Website: www.gocivilairpatrol.com

Civil Air Patrol Cadet Programs: A Comparison with AFJROTC



Mission

Develop responsible citizens and aerospace leaders

Program Elements

To fulfill its Congressionally-mandated mission, the CAP Cadet Program is organized around four main program elements (photos below). Cadets complete one task in each program element to earn promotions and awards. From a curriculum perspective, the programs are very much alike. However, CAP does not have a mandate to teach life skills, health, or civics like AFJROTC. Moreover, some cadets choose to participate in CAP's real-world humanitarian missions, including search and rescue.

Curt LaFond

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capcadets.com



Program Comparison

	AFJROTC	CAP
SETTING	School-based	95% community based, 5% school-based
SIZE	~120,000 cadets in ~860 locations	~27,000 cadets in ~1,000 locations
AGES	High school aged	Middle school, high school, & college (ages 12-20)
ADULT LEADERS	Salaried professionals with AF backgrounds	Dedicated volunteers from all walks of life
SCHOOL STATUS	For credit	Extra-curricular
ACTIVITY VENUE	Meet during school, mostly summers off	Meet mostly in the evening, year-round
TUITION	Free to join	Annual dues, uniform expenses
RECRUITMENT POLICY	Pipeline recruiting	Open, rolling enrollment
MILITARY COMMITMENT	No military commitment	No military commitment
HEADQUARTERS	Single headquarters with policy-making authority	Administrative headquarters governed by complex board structure
AF RELATIONSHIP	Program is fully under AF control	Non-profit corporation with AF oversight
PROGRESSION MODEL	Lockstep, progression based on school grade	Self-paced, with progression based on personal drive
CADET RANK	Cadet rank based on position	Cadet rank based on personal achievement
OUTCOME	Develop responsible citizens	Develop responsible citizens

Working Together Locally

Joint Activities. AFJROTC and CAP can support one another at the local level by conducting weekend activities together, including model rocketry launches, orienteering projects, field trips, cadet olympics, leadership academies, and the like.

Networking. Leaders in both organizations should network and share contact info for local aerospace industries, military installations, and schools.

Cross-Pollination. CAP and AFJROTC can complement one another, not compete against each other. Because 40% of CAP cadets are middle school aged, CAP can be an excellent feeder program for AFJROTC. The best cadets should be enrolled in both programs.

Point of Contact. Locally, the CAP squadron commander and the AFJROTC instructor are the points of contact for their respective organizations. For local unit information, see gocivilairpatrol.com and www.au.af.mil/au/holmcenter/AFJROTC/AFJROTCunits.asp.

Working Together Nationally

many of these cooperative efforts are on hold due to federal budget realities

CAP National Cadet Competition (Dayton, OH). AFJROTC cadets have been involved in this drill and ceremonies activity annually since 2009. During the first year, 2009, an AFJROTC unit sent cadets to observe the competition, assist on our event marshalling team, and tour the museum that houses the Spruce Goose. AF/CV Gen Fraser was in attendance. In 2010 the event moved to Dayton, where the local AFJROTC unit hosts many of the CAP events and provides event marshalling and support services.

Honors Camps. AFJROTC hosted 16 CAP cadets at 4 different honors camps in 2009 and 2010, providing CAP cadets with yet additional opportunities for leadership and aerospace education. Were the Honors Camps' budgets restored, presumably CAP cadets would participate again.

CyberPatriot. Both organizations have worked together and shared information and best practices for this AFA-sponsored new cadet activity.

Flying. In FY2009, CAP's volunteer pilots flew AFJROTC cadets for 1000 hours, providing an exciting, hands-on learning experience. CAP would continue the flying program, if the budget were restored.

Drill & Ceremonies. CAP uses the AFJROTC drill curriculum, including the video-based lessons, now available at capmembers.com/drill. AFJROTC instructors use CAP's pocket-size Cadet Drill Guide as a training tool.

Cadet Officer School. AFJROTC has sent groups of cadets to CAP's premiere leadership academy, an academically intensive 10-day course located at Maxwell AFB, AL.

Aerospace Curriculum Sharing

Any educator, including AFJROTC instructors, may join CAP as an aerospace education member to gain access to a wealth of award-winning aerospace education tools to promote science, technology, engineering, and math (STEM) careers, including:

Thematic Units. Lessons and teaching materials that focus on a particular area of aerospace, including the International Space Station, the Wright Brothers, aerospace careers, etc.

Aerospace: The Journey of Flight. Award-winning textbook in use in many high schools and community colleges.

Aerospace Excellence (AEX). Jam packed with inexpensive hands-on aerospace and STEM activities - the cadets' #1 source for learning and fun.

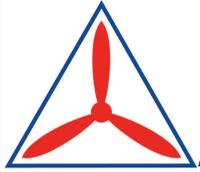
Model Rocketry. A hands-on course in building, launching, and tracking model rockets.

Satellite Tool Kit. Exciting computer-based curriculum in space technology and satellite tracking.

Teacher Orientation Program (TOP) Flights. Gets teachers excited about aerospace and serves as a platform for learning how they can incorporate aerospace lessons in their subject.

CAP STEM Kits. Provides a selection of five free kits to AFJROTC instructors in astronomy, flight simulation, model and remote-controlled aircraft, robotics, and rocketry.

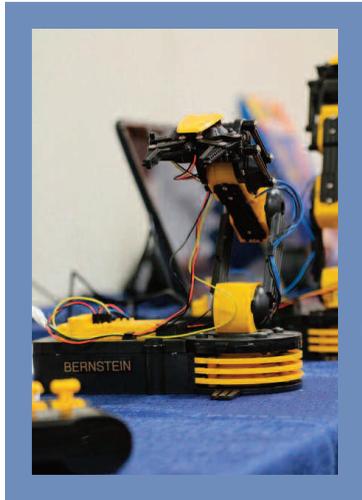
As of July 2015, 177 AFJROTC instructors have taken advantage of CAP's Aerospace Education Member program, with CAP waiving its normal \$35 membership fee.



CIVIL AIR PATROL Aerospace Education

Teach

... ordinary subjects in extraordinary ways by becoming an Aerospace Education Member (AEM) of **Civil Air Patrol, the Auxiliary of the U.S. Air Force**. CAP is helping to develop the aerospace workforce of the future. Join as a CAP AEM and ignite your learning environment with these free Aerospace/STEM resources.



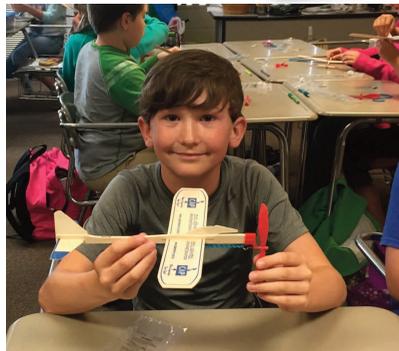
Create

...**fun and engaging lessons and activities** using more than 30 national standards-based curriculum materials and a variety of easily implemented products from robots to rockets. Our free resources are available both online and in print to adapt to multiple teaching and learning styles.

Experience

...hands-on learning with free programs including

- **(Grades K-12) STEM Kits** in Astronomy, Robotics, Rocketry, Flight Simulation and Remote-Control Aircraft
- **(Grades K-12) Aerospace Education Excellence (AEX) Award Program**
- **(Grades K-6) Aerospace Connections in Education (ACE) Program.** Grade-specific program that enriches cross-curricular academics, physical fitness and character education.
- \$250 **grants**



Fly

...on a free **Teacher Orientation Program (TOP) Flight** in Civil Air Patrol aircraft at your local airport. Bring your flying adventure back to your classroom with photos and videos.



Join

...**TODAY as an AEM!** CAP offers this special membership for formal and informal educators in classrooms, home schools, museums or other youth organizations. A one-time \$35 membership fee brings dozens of **FREE** products, programs and services. Read more at **capmembers.com/ae**.

AFJROTC instructors get free membership by using coupon code **AFJR** at **capmembers.com/joinaem**

Contact: ae@capnhq.gov

AFJROTC

Instructors have access to CAP products and programs as an Aerospace Education Member (AEM)

CIVIL AIR PATROL STEM Kit Program

AEMs are eligible for **free** STEM Kits.



Astronomy

- Portable Celestron telescope
- CD with planetarium software
- CAP Astronomy Activity Book



Model and Remote-Control Aircraft

- Flyzone Calypso remote-control airplane
- Skystreak and Cub (balsa) aircraft
- RealFlight Simulator computer program
- CAP Model Aircraft and Remote Control book



Robotics

- OWI Robotics Robotic Arm Edge
- USB programmable software
- Instructional DVD
- CAP Robotics book



Rocketry

- Estes Alpha III rockets and motors
- Launch pad and controller
- Instructional DVD
- CAP Model Rocketry book



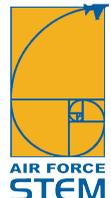
Flight Simulator

- Saitek Pro Flight Yoke and Rudder Pedals
- Microsoft Flight Simulator X STEAM Edition software
- Microsoft Flight Simulator as a Training Aid book

Now Available: **Quadcopter**, **Weather Station** and **Hydraulic Engineering** STEM Kits



For more information and to apply, go to
capmembers.com/stem-ed.
Contact: stem@capnhq.gov.



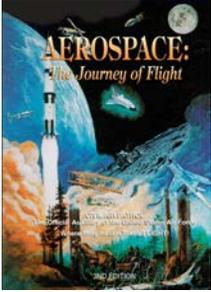
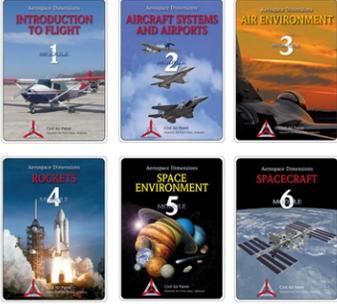
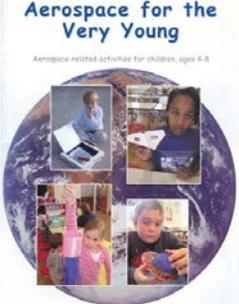
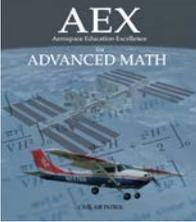
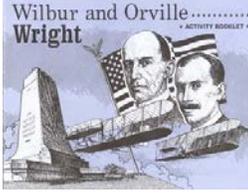
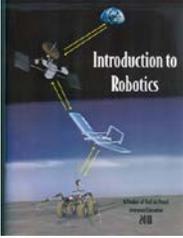
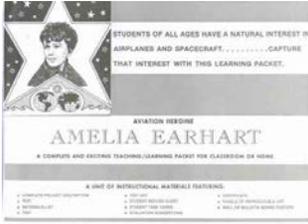
Civil Air Patrol Aerospace and STEM Education Products

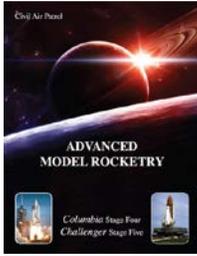
Available with CAP membership in print and/or online (in CAP's eServices AE Download Section)

Other aerospace/STEM online resources, to include a STEM Career Module, are found at

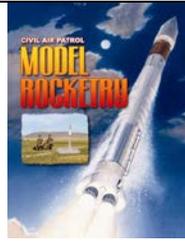
www.capmembers.com/ae



 <p>* Aerospace: The Journey of Flight (Textbook with Teachers Guide) Grades 9-College</p>	 <p>Aerospace Dimensions (Six Modules & Teachers Guide) Grades 6-9</p>	 <p>Aerospace for the Very Young Grades K-3</p>
 <p>* AEX- Advanced Aerospace Math Grades 10-college</p>	 <p>Wright Brothers Thematic Unit Grades 4-9</p>	 <p>Wright Brothers Activity Book Grades K-3</p>
 <p>* Robotics Grades 6-12</p>	 <p>Amelia Earhart Thematic Unit Grades 4-9</p>	 <p>Amelia Earhart Activity Book Grades K-3</p>



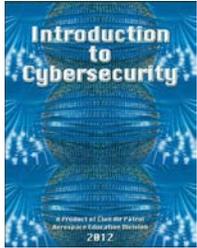
Advanced Model Rocketry
Grades 6-12



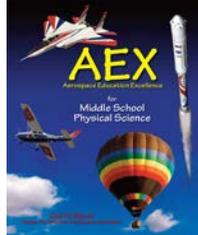
Model Rocketry
Grades 6-9



4 in 1 Activity Books
(Two books)
Grades K-3



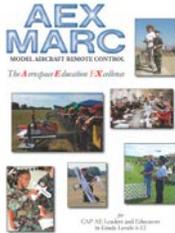
Introduction to Cybersecurity
Grades 6-12



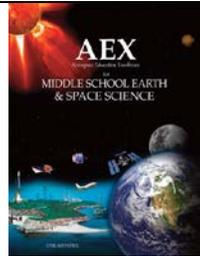
AEX- Middle School Physical Science
Grades 6-9



Uncle Wiggly Wings (The Candy Bomber from WWII) Activity Book
Grades K-3



Model Aircraft & Remote Control (MARC) Vols 1 & 2
Grades 6-12



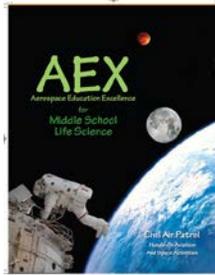
AEX- Middle School Earth & Space Science
Grades 6-9



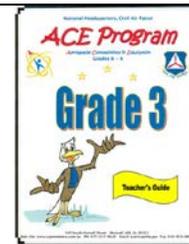
Fun in Flight- Aerospace Careers
Grades K-3



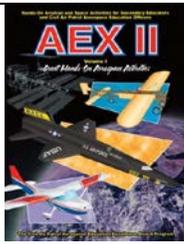
CAP-TERS CD
CAP Teaching Educational Remote Sensing
Grades 6-12



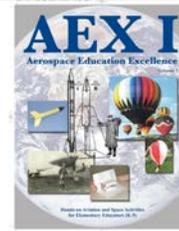
AEX- Middle School Life Science
Grades 6-9



Aerospace Connections in Education (ACE)
7 Grade Level Curriculum Guides
Grades K-6



**International Space Station
Thematic Unit**
Grades 6-9



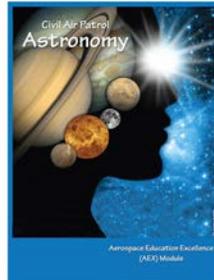
**Aerospace Education Excellence
(AEX) 4 Volumes (I & II)**
Grades K-5



**Aerospace Education
Excellence (AEX) 5 Volumes (I, II
& Adult)**
Grades 6-12 & Adult



**Systems Tool Kit CD,
Instructions, and Activities**
Grades 6-12



**Astronomy Module and
Astronomy Activity Book**
Grades 5-12

**More Products
in Production!**
*Want to Know
More?*
Contact
ae@capnhq.gov