

## PARTNERSHIP OPPORTUNITIES

Civil Air Patrol is always seeking to expand its partnerships with aerospace industry, military installations, colleges and universities, and youth organizations to grow the National Cadet Special Activities program.

In the financial arena, CAP seeks partners to help minimize cadets' out of pocket expenses, which include transportation costs to the activity, and tuition, which covers lodging, meals, and educational supplies.

In-kind support is equally valuable. Examples of how other organizations can assist CAP cadets include opening their aerospace facility for tours, connecting cadets with aerospace professionals for job shadowing and mentoring, providing guest speakers, and donating educational materials and equipment.

Ideas for new National Cadet Special Activities that would introduce cadets to careers in different corners of the aviation, space, and technology industries are always welcome.

**Contact.** For more information on partnering with CAP, please contact the Cadet Programs office at [cps@cap.gov](mailto:cps@cap.gov) or call 334.953.6473.

## DETAILS FOR CADETS & PARENTS

National Cadet Special Activities are conducted across the country in the summer, except the Civic Leadership Activity is conducted in late winter. Most are one-week in duration.

Cadets apply for summer activities the preceding November and December. Detailed information about application procedures, fees, and dates and locations are announced in *Civil Air Patrol News* and on-line at [www.cap.gov/cadets](http://www.cap.gov/cadets).

Activity fees cover meals, lodging, and supplies. Many activities are priced around \$200, although flight academies are approximately \$850. To keep tuition low, CAP subsidizes each activity, and the adults who lead the cadets volunteer countless hours. Local civic groups may provide scholarships.

Safety is paramount at NCSAs. Cadets are supervised by trained CAP volunteers who have been screened by the FBI. Military personnel, college faculty, and aerospace professionals also mentor the cadets.

Demand for the activities is high, and slotting is competitive. All applications must be approved by the cadet's squadron and wing commander. Cadets are required to complete an encampment prior to attending an activity. The minimum age for each activity varies. Other pre-requisites may apply. For complete information, visit the NCSA page at [www.cap.gov/cadets](http://www.cap.gov/cadets).



### WATCH CADETS IN ACTION

Download NCSA videos at [cap.gov/cadets](http://cap.gov/cadets)



## PARTNERS

Air Force Museum  
Analytical Graphics Inc.  
Auburn University  
Central Intelligence Agency  
Cessna Aircraft  
Dowling College  
Experimental Aircraft Association  
Frontier Airlines  
Gleim Publications  
International Air Cadet Exchange Association  
NASA  
Space Camp & Aviation Challenge  
Wright State University  
U.S. Air Force  
U.S. Department of State

## THE CADET PROGRAM

CAP's Cadet Program is for youth aged 12 to 20. Through their CAP experience, cadets develop into responsible citizens and tomorrow's aerospace leaders.

Five elements comprise the overall Cadet Program: leadership, aerospace education, physical fitness, character development, and activities. As cadets participate in the five program elements, they advance through a series of sixteen achievements, earning honors and increased responsibilities along the way.

The Cadet Program is not just fun and rewarding, it challenges youth to develop the self-discipline, character, and team spirit they will need to become tomorrow's aerospace leaders.



# TODAY'S CADETS TOMORROW'S AEROSPACE LEADERS

## How CIVIL AIR PATROL'S National Cadet Special Activities Answer America's Call for an Aerospace Workforce



**Engineering in Action.** Cadets take to Auburn University's labs where they design, build, and test airfoils during the Engineering Technologies Academy, one of CAP's many career exploration programs.

AMERICA needs today's young air and space enthusiasts to become tomorrow's aerospace professionals.

Through career exploration opportunities in Civil Air Patrol's National Cadet Special Activities program, teens are investigating what it will take for them to perpetuate our nation's global leadership in aviation, space, and technology.

The program enables the cadets to spend a week test-driving a career that interests them. Hands-on learning bridges the gap between academic study and what the career fields are like in real life. Civilian aerospace professionals, college faculty, and members of the U.S. Air Force mentor the cadets.

For example, instructor pilots show cadets what it takes to fly Air Force jets. Meteorologists teach cadets how to analyze weather patterns and spot storms. Space systems operators explain how they launch satellites into orbit. Engineering professors show cadets how to design, build, and test airfoils.

Cadets attending National Cadet Special Activities have invested a year or more in CAP. Having progressed through a curriculum that has taught them fundamentals of leadership and the basics of aerospace science, they are ready to take the next step by investigating career opportunities. As high-achieving youth, cadets are disciplined, eager to learn, and serious about choosing good futures.

Civil Air Patrol's National Cadet Special Activities provide fabulous opportunities for young people to have fun while preparing for exciting careers.

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[cap.gov/cadets](http://cap.gov/cadets) Version: October 2004



## AVIATION CAREERS

### Aircraft Maintenance & Manufacturing Orientation Course

Through a partnership with Cessna Aircraft, cadets attending this activity learn how airplanes are built and maintained. Cadets visit the shop floor where they observe technicians fabricating and assembling Cessna airplanes. Cadets also receive hands-on instruction in the maintenance training facility and simulators.

### Airline Careers Exploration

**New for 2006!**

During this activity, cadets spend a week with Frontier Airlines, exploring the many careers essential to the operation of a major airline. Through hands-on activities, cadets interact with pilots, flight attendants, mechanics, dispatchers, customer service managers and more, as they enjoy special behind-the-scenes access to Denver International Airport.

### National Blue Beret

Conducted at the world's largest air show, AirVenture, in Oshkosh, Wisconsin, cadets experience the thrills of aviation and get a close-up view of fabulous aircraft at this activity. Additionally, cadets develop leadership skills and contribute to the air show by marshalling thousands of aircraft and locating emergency beacons, skills they can apply to CAP's real-world humanitarian missions.

### National Flight Academies Powered & Glider Tracks

Whether attending the NFA Glider academy of NFA Powered academy, aspiring pilots receive formal ground instruction and cockpit time with a certified flight instructor. Many cadets participating in a NFA even solo at the academy. The learning environment is specially designed for cadets, and the low instructor to student ratio provides opportunities for mentoring and individual attention.

## AIR FORCE CAREERS

### Air Education and Training Command Familiarization Courses

Flying careers in the Air Force is the subject of this activity. Cadets study aviation side-by-side with Air Force student pilots. It is an academically-intense course that includes behind-the-scenes tours of the air traffic control tower, maintenance hangars, and parachute shop. Highlights of the week may include a flight in a T-1A Jayhawk or a ride in a full-motion simulator.

### AF Pararescue Orientation Course

This activity is a one-week introduction to the rigorous mission of the pararescue man. Cadets learn land navigation, survival techniques, rock climbing, rappelling, and other skills used in rescue operations from pararescue specialists. This high-adventure activity also promotes physical fitness and builds character.

### AF Space Command Familiarization Courses

This course provides an in-depth look at the Air Force Space Command. Cadets investigate launch systems, missile operations, orbital mechanics, command and control systems, and more, depending on which location they attend. The program is an opportunity for cadets aspiring to become astronauts, technicians, or Air Force officers to explore space-related careers fields.

### AF Weather Agency Familiarization Course

Future meteorologists attend this course to receive training in weather interpretation, contour mapping, severe weather analysis, storm spotting, and more. Cadets are also introduced to the computer technology that makes modern meteorology possible, and interact with specialists at the Air Force Weather Agency.

## TECHNOLOGY CAREERS

### Advanced Technologies Academy

Computer science and space applications are the focus of this activity. Cadets learn how to use software to track satellites and the International Space Station. Additionally, cadets learn how to conduct aerial photography and use hyper-spectral imaging, skills they can apply to CAP emergency services missions.

### Aerospace Education Academy

This activity is an opportunity for cadets to sample several aspects of the aerospace community. Cadets build and fly model rockets and aircraft, study aerospace history, visit a planetarium, and learn GPS navigation. Additionally, cadets visit a sport air workshop where they work with composite materials to construct airfoils.

### Engineering Technologies Academy

Aspiring engineers learn engineering by building and testing aerospace applications at "E-Tech." Conducted in partnership with leading universities, cadets survey several fields of engineering. They attend lectures delivered by engineering professors and complete lab activities such as designing, building, and testing an airfoil.

### Space Camp / Aviation Challenge

Through a partnership with the U.S. Space and Rocket Center, cadets receive discounts at Space Camp and Aviation Challenge. Space Camp introduces cadets to satellite launch, space exploration, and aerospace history. Aviation Challenge focuses on flight simulation, physiology, aircrew equipment, and more.

**Inspiring Meeting.** Cadets enjoy an unforgettable visit with Secretary of State Colin Powell, while attending the Civic Leadership Academy, an activity showcasing public service careers.

## LEADERSHIP CAREERS

### Cadet Officer School

Patterned after the USAF Squadron Officer School, COS is an academically-rigorous course in leadership. It prepares cadets to lead in CAP, at school, and in their community. Air Force experts lecture cadets on communications, critical thinking, ethics, and more. Hands-on activities challenge their leadership skills.

### Civic Leadership Academy

Conducted in Washington DC, CLA fosters cadet officers' civic growth by increasing their leadership skills, sense of civic responsibility, and overall interest in the democratic process. Cadets explore public service careers, study the federal government, and meet national leaders.

### Hawk Mountain Ranger School

This activity has a proud history of emergency services training. It challenges cadets physically and mentally. The curriculum includes navigation, first aid, rappelling, and team leadership. The training cadets receive enables them to contribute to CAP's humanitarian missions.

### Honor Guard Academy

Leadership training and character development are the cornerstones of this activity. The USAF Honor Guard trains and mentors cadets in advanced drill and ceremonies. Additionally, cadets learn how to develop honor guards in their home

squadrons and use that program to promote the Cadet Program's drug-free ethic.

### International Air Cadet Exchange

This once in a lifetime opportunity enables cadets to travel abroad and meet other aviation-minded youth. Cadets develop an appreciation for other nations' contributions to the global aerospace community. Host families participate by opening their homes to international cadets. The exchange promotes international understanding and helps the world combat hatred and intolerance by building friendships that last for life.

### National Emergency Services Academy

This activity emphasizes CAP's core value of volunteer service by equipping cadets with skills they will need to assist in CAP's humanitarian missions. Topics include radio communications, land navigation, search techniques, first aid, and more. Cadets work alongside trained CAP adult volunteers and search and rescue professionals.

