



CIVIL AIR PATROL



Where
imagination
takes **FLIGHT**



THE 1999 ANNUAL REPORT TO CONGRESS

CIVIL AIR PATROL, THE UNITED STATES AIR FORCE AUXILIARY, IS A NONPROFIT ORGANIZATION. IT PERFORMS MORE THAN 85 PERCENT OF THE INLAND SEARCH AND RESCUE MISSIONS COORDINATED BY THE AIR FORCE RESCUE COORDINATION CENTER AT LANGLEY AIR FORCE BASE, VIRGINIA. VOLUNTEERS ALSO TAKE A LEADING ROLE IN AEROSPACE EDUCATION AND SERVE AS MENTORS TO AMERICA'S YOUTH THROUGH CAP CADET PROGRAMS. FOR MORE INFORMATION ABOUT CIVIL AIR PATROL PROGRAMS, CALL 1-800-FLY-2338.

L etter to Congress



JAMES C. BOBICK
Brigadier General, CAP
National Commander

TO THE CONGRESS OF THE UNITED STATES OF AMERICA

As we embark upon a new millennium together, it is fitting to reflect upon our past, present and future. From the life saving missions of our World War II Coastal Patrols to the Civil Air Patrol of today with over 61,000 members, CAP has provided 58 years of dedicated volunteer service to all Americans. Our war record enhanced general aviation's recognition as a capable and productive national service element. When the Army Air Corp became the United States Air Force in 1947, Civil Air Patrol received a valued and long-lasting status as the official United States Air Force Auxiliary.

Today, Civil Air Patrol continues to put general aviation to its best use — saving lives, flying counterdrug missions, providing relief following natural disasters and providing aviation training for our cadets. CAP members possess a dedication and commitment to serve others before self.

Civil Air Patrol cadets represent the finest of America's youth. Each year they participate in a wide variety of local, state, and national activities. As they continually enhance the value of their service, they also broaden their knowledge and experiences. These activities enhance their future career opportunities whether in the military, industry, or corporate fields. The leadership and management skills they learn coupled with the structured, disciplined approach to achievement experienced in CAP become a way of life. Today there are approximately 450 CAP cadets attending the Air Force Academy, more than 200 at the U.S. Military Academy and over 150 at the Naval Academy. In all walks of life there are leaders who attribute their success to being a Civil Air Patrol cadet.

Every year over 300,000 students benefit from the Civil Air Patrol Aerospace Education Program. CAP supports more than 100 workshops in colleges and universities across the nation, reaching more than 3,000 educators each year. The National Congress on Aviation and Space Education is the premier national aerospace education opportunity and is one of Civil Air Patrol's major contributions to our nation's education community. In addition, CAP provides to school teachers throughout the nation aerospace education curricula and teaching aids based on an aviation format and of the highest standards of educational excellence.

Since our birth on December 1, 1941, Civil Air Patrol has always distinguished itself by embracing change, thus meeting the evolving needs of America in the most efficient manner possible. Over the past year we have been reviewing our key partnership with the U.S. Air Force. Our mutual goal is to strengthen our ties, thus increasing our capabilities to serve all citizens. This ongoing process will ultimately ensure Civil Air Patrol remains the finest civilian, volunteer, service organization in the nation. With pride in the accomplishments of our members across America, I submit this 1999 Annual Report to Congress highlighting our three primary missions mandated by Congress — Cadet Programs, Aerospace Education and Emergency Services.

CIVIL AIR PATROL
Where Imagination Takes Flight!

Warmest regards,

A handwritten signature in black ink that reads "James C. Bobick". The signature is written in a cursive, flowing style.

JAMES C. BOBICK
Brigadier General, CAP
National Commander

L etter to Congress



DENNIS B. PARKHURST
Colonel, USAF
Commander, CAP-USAF

TO THE CONGRESS OF THE UNITED STATES OF AMERICA

As always, the past year saw Civil Air Patrol volunteers doing great things for the nation. To say the least, it was also a very significant year in the evolutionary development of the Air Force's long relationship with its auxiliary. For example, it brought the beginnings of a process to comply with the Grant and Cooperative Agreement Act, direct involvement by both members of Congress and senior Air Force leadership in Air Force-Civil Air Patrol relational issues, and a myriad of Congressional, Department of Defense, and Federal investigators visiting the Civil Air Patrol National Headquarters.

My letter in last year's Annual Report to Congress encouraged you to read the December 1998 Air Force-Civil Air Patrol Joint Report to Congress on Funding Policies and Procedures. This year I urge you to review the Congressionally mandated Department of Defense Inspector General and Government Accounting Office reports on Civil Air Patrol that will be delivered soon. I believe you will find them to be valuable tools for gaining a better understanding of the complex issues involved. I am also convinced the next year will see a renewed Air Force-Civil Air Patrol relationship and therefore even more effective service to our great nation by the 61,000 volunteer members of the Air Force Auxiliary.

A handwritten signature in dark ink, appearing to read "D. Parkhurst".

DENNIS B. PARKHURST
Colonel, USAF
Commander, CAP-USAF

84 LIVES SAVED

imagine



saving a life
flying an airplane
serving our communities

Civil Air Patrol puts general aviation to its most noble use...helping people during emergencies, relieving human suffering and saving the lives of downed aviators. These well trained and dedicated volunteers provide a great service for the Air Force and for the country.

LT COL WILLIAM W. NAUMANN, USAF
CHIEF, AIR FORCE RESCUE COORDINATION CENTER

BUILDING TOMORROW'S LEADERS TODAY

imagine



pilot/leadership training
aviation—military career
travel abroad

When I was in high school the Civil Air Patrol program was a major factor in motivating me toward a career in aviation and was a valuable investment in my early leadership training.

GENERAL MICHAEL E. RYAN
USAF CHIEF OF STAFF

Our customers tell us that CAP is responsible for:

BILLIONS OF DOLLARS IN ILLEGAL DRUG ERADICATION

imagine



being a part of the war on drugs
providing alternatives to drugs for America's youth
making our communities safer

Civil Air Patrol continues to provide an invaluable service to the United States Customs Service by conducting reconnaissance and transportation missions in support of USCS operations.

NORMAN M. EDWARDS
AIR & MARINE DIVISION LIAISON
UNITED STATES CUSTOMS SERVICE

MORE THAN 300,000 YOUTH LEARN ABOUT AEROSPACE

imagine



building a rocket
providing teaching products for educators
meeting an astronaut

Civil Air Patrol is the best bargain there is in government services for the American taxpayer. CAP's aerospace education program is the epitome of what Americans will do for their country. The National Congress on Aviation and Space Education administered by CAP reaches millions of American youth where the rubber meets the road, in the classroom, at virtually no cost to federal, state, or local education systems.

A. SCOTT CROSSFIELD
AVIATION PIONEER

**TAXPAYER SAVINGS:
\$71,000,000**

imagine



participating in a search for a missing child
finding a survivor of an air crash
conducting damage assessment for emergency responders

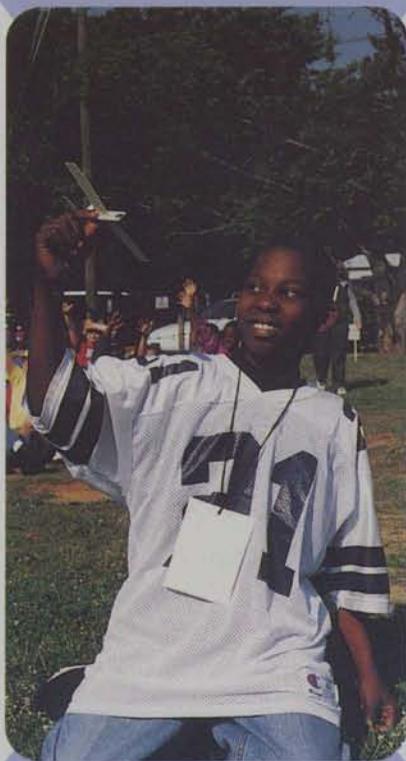
Civil Air Patrol is a valuable national asset for response to disasters of all description. CAP provides state and national disaster managers with trained volunteers that help alleviate the suffering of disaster victims and mitigate damage to physical assets. As the USAF Auxiliary, CAP provides valuable capability across a wide range of 'all hazard' requirements.

COLONEL ROBERT B. MANNING, USAF
DIRECTOR, AIR FORCE NATIONAL SECURITY
EMERGENCY PREPAREDNESS AGENCY

Imagination takes flight

"More than 50 years ago I started my aviation career as a member of Civil Air Patrol. Today, more than half a century later, CAP continues to offer young people an opportunity to pursue a career in aviation. It is an outstanding organization that deserves our support."

— Frank Borman
Apollo VIII Astronaut



For most young people, the opportunity to pilot an F-16 fighter jet, travel to the far reaches of the universe aboard a space shuttle, build engines for large commercial airliners or lead the greatest aerospace force in the world — the U.S. Air Force — is but a figment of their imagination. Yet, for more than 58 years, the Civil Air Patrol has trained our nation's youth for these same opportunities and more.

Adult CAP members who teach these young people to fly airplanes, operate sophisticated radio equipment or track satellites on their computers, were just a few short years ago allowing their imaginations to soar while watching the fictional 1950s television show *Sky King*. Little did they know that their dreams would become reality through an introduction into the aviation world through CAP. Like *Sky King*, thousands of CAP members each year take to the sky on humanitarian missions for their fellow man.

In 1999, Civil Air Patrol volunteer members from all 50 states, plus the District of Columbia and Puerto Rico, have again provided thousands of hours of sacrificial service in their communities and states, while at the same time permitting their *imagination to take flight!*

The guiding force for CAP service to America

Imagine an organization that realized the last decade of the 20th century was perhaps the time Dr. Martin Luther King Jr. envisioned when he spoke of a time "when individuals would be judged by the content of their character." Some years ago, Civil Air Patrol National Board members recognized that the last decade of the past century was that time and adopted core values for CAP members.

From the original core values, CAP's National Board adopted four basic "core values" in February 1999 to guide the organization into the next century. These core values essentially mirror the U.S. Air Force core values of integrity, excellence in all we do and service before self. Because of the volunteer nature of CAP's humanitarian missions, the Air Force core value of "service before self" was inherently included in CAP's core value of "volunteer service." The National Board, recognizing the need for CAP's diverse membership to treat each other with fairness and dignity, added the core value of respect.

To understand the uniqueness of the volunteer member of CAP, one must look at those values which govern their service to their fellow man:

Integrity is the very fiber of all of CAP's core values. It embraces



"Civil Air Patrol cadets and senior members have played an important role in the success of EAA AirVenture in Oshkosh. Their outstanding contributions, ranging from safety to security responsibilities, are essential to the day-to-day operations of this premier aviation event."

—Tom Poberezny, President
Experimental Aircraft Association

attributes such as courage, honesty, responsibility, accountability, justice, openness, self-respect and humility.

Volunteer service mirrors the Air Force value of "service before self." It is the willingness and ability to give of oneself, sometimes at the ultimate sacrifice of life (as reflected in June 1999, when two Oregon wing members died in a crash during a mountain flying clinic in Baker City, Ore.).

Excellence is reflected in CAP members' continuous effort to be the very best and to persistently improve their humanitarian service to America.

Respect means that the CAP member values the diverse membership. Each member is treated with fairness, dignity and compassion.

Motivated, mission-oriented volunteers...

As the last year of the century dawned, the volunteer members of the U.S. Air Force Auxiliary continued their pursuit of excellence in serving the needs of educators, working with young people and performing emergency services.

The following lists just a few of the noncombat missions carried out on behalf of the U.S. Air Force and other CAP customers:

In July, 17 CAP wings hosted 125 cadets and their escorts from 17 countries in support of the International Air Cadet Exchange program.

North Carolina Wing spent two days searching for a Cessna 172 that crashed into a treetop. The pilot and passenger were helped down and walked away.

Missouri Wing flew a liver transplant patient from Moberly, Mo., to Omaha, Neb., for surgery.

Puerto Rico Wing members responded to a call for help in the aftermath of the devastating storm, Hurricane Georges. Shelter management, door-to-door damage assessment, clean up and rebuilding were all part of the efforts.

Virginia Wing flew 72 sorties covering 5,000 square miles in search of a downed "chopper."

Colorado Wing found two hikers lost for nearly 48 hours in the Colorado winter wilderness.

Florida Wing cadets played a vital role in searches for a Cessna 402-B that crashed in Lake Okeechobee.

Oregon Wing searched for two days before locating the wreckage of a Cessna 182 that crashed in the rugged Kiamichi Mountains killing a doctor and his three children.

Alabama Wing members assisted in a search for two duck hunters lost in Mobile Bay.

Alaska Wing helped in the search and recovery of six snowmobilers buried in a midday avalanche near Anchorage.

California Wing located the crash site of two downed T-28s.

Oklahoma Wing provided assistance to emergency responders and victims after deadly tornadoes ripped through the state killing 44 and leaving almost 12,000 homes destroyed.

Arizona Wing assisted the Air Force in recovery of aircraft debris after an F-16 crash.

NASA astronaut Maj. Frederick W. "Rick" Sturckow shared his experiences with more than 800 school teachers at CAP's National Congress on Aviation and Space Education.

Oregon Wing rescued a 52-year-old pilot after his Cessna 150 crashed in heavy weather.

Idaho Wing located a missing hunter in the rugged Owyhee Mountains.

Minnesota Wing located a state aircraft that crashed while surveying the state's moose population.

Former CAP cadet used her CAP flight experience to earn the title of top female pilot in the nation at the National Intercollegiate Flight Association competition.

Five CAP wings received a U.S. Coast Guard commendation for their extensive JFK Jr. search and recovery effort.

These are just a few examples of the almost 10,000 missions performed by the dedicated unpaid volunteers of CAP in 1999.

CAP assets to fulfill missions...

Membership

Civil Air Patrol uses its most important asset to carry out all missions – the membership! The more than 61,000-unpaid CAP volunteer members come from every state in the nation, as well as Puerto Rico and the District of Columbia, to serve America and enrich their local communities through a wide variety of missions. They volunteer their time, efforts, and personal resources to help others.

At the close of fiscal year 1999, membership in CAP reached 61,216, a gain of almost 1,000 members over last year. Cadet membership increased to 26,189. Senior membership increased to 35,027.

As the Auxiliary of the Air Force, an initiative was begun in 1995 to introduce Air Force ROTC cadets to flight by providing orientation flights. At the end of 1999, the CAP membership included 1,876 ROTC cadets.

Aircraft

In a continuing effort to ensure that CAP volunteer pilots have safe equipment to perform their missions, CAP purchased 15 new Cessna aircraft to replace the oldest aircraft in the fleet of 530. Seven are due for delivery in December 1999, and eight in January 2000.

Vehicles

An integral part of Civil Air Patrol's mission resources is its fleet of 950 vehicles. CAP vehicles are used throughout the organization to move people and property during missions.

Radio communications

Due to the nature of its missions, CAP's communications system may be expected to provide air, ground and point-to-point connectivity at any location in the country no matter how remote. Emergency

"Since 1995, we have been proud to have the Civil Air Patrol as a partner in the Young Eagles Program. By working together, many more young people have been able to discover the joys of flight. That impact would not have been possible without the support of Civil Air Patrol."

—Steve Buss

Executive Director, Young Eagles

services teams must be prepared to operate in any location at any given time. A vital component to the success of any mission is the ability of the team members to communicate.

Mobile ground search-and-rescue teams are linked to mission coordinators and search aircraft. Mission bases are linked to the CAP National Operations Center at Maxwell Air Force Base, Ala., and to outside command centers such as the Air Force Rescue Coordination Center, Langley Air Force Base, Va.; the Air Force National Security Emergency Preparedness Office, Fort McPhearson, Ga.; and the Federal Emergency Management Agency National Emergency Coordination Center, Washington, D.C. Often against



incredible obstacles, CAP communicators rise to the challenge and design and operate networks and systems that reach out to every corner of the nation.

Preserving CAP resources - safety!

Preserving CAP resources continues to remain a priority. CAP is not only concerned with its effectiveness but also the safety with which it carries out its tasks. Realizing the magnitude of the risks, the organization proactively takes measures to eliminate or minimize the risks at every opportunity. Emphasis this year has been on integrating Deliberate Operational Risk Management (DORM) into the planning stages of all Civil Air Patrol activities, especially flight activities. By identifying hazards and analyzing risk in advance planning stages, risk controls can be integrated in such a way that they become transparent to the participants and successfully completed at the least possible cost to both volunteers and the equipment used. Elements of the Accident Prevention Program, such as DORM, combined with a never-ending safety publicity campaign, have resulted in an enviable safety record this past year.

A detailed training curriculum was developed last year to more actively involve the volunteer safety officers across the country and to enhance their performance during Emergency Services. Besides being fully versed in Operational Risk Management, mission safety officers are now being trained in first aid and CPR, bloodborne pathogens and other essential duties required to keep a mission base safe and effective.

CAP volunteers are often called upon to conduct airborne operations in mountainous areas. To counter this increased risk, several course materials were developed for Mountain Flying Clinics. Course materials have been printed and will be distributed for upcoming Mountain Flying Clinics. All of CAP's mountain flyers will



unquestionably be better prepared to manage risk in this challenging mission area.

Regulatory guidance involving mishap reporting and investigation was recently updated with a mishap prevention focus. Preventing mishaps is the key to preserving Civil Air Patrol resources. As CAP expands its role of service to the country, vigilance of the risks faced must be maintained. CAP is meeting this challenge.

Support for the membership

National Technology Center

The CAP National Technology Center (NTC) was established in 1997 as a communications and computer resource clearinghouse. The NTC works with several federal agencies to re-utilize excess electronics equipment. By extending the life of taxpayer-purchased assets, the NTC not only helps support the equipment needs of CAP, but also provides a valuable service to the country. In addition, NTC technicians have processed and even manufactured specialty items for our communications system.

To date more than \$1 million in critical communications assets are in the hands of those public servants who need them. In this way, CAP is literally doing more with less.

Supplies and equipment

Civil Air Patrol's Supply Depot in Amarillo, Texas, carries a large supply of aircraft parts and equipment at a discount to members who volunteer

their own aircraft for CAP missions. In addition, CAP members may secure survival equipment, aerospace education material and communications equipment through the Depot at significantly reduced prices.

Bookstore

Members may purchase uniforms, accessories, CAP memorabilia, publications, and regulations from the Civil Air Patrol Bookstore on Maxwell Air Force Base.

E-business

In an effort to better serve the membership and its customers, Civil Air Patrol National Board members set two long-term objectives pertaining to electronic business practices to better meet the needs of the membership and its customers.

- Ensure CAP leaders at all levels spend no more than 20 percent of their volunteer time on administrative tasks.
- To eventually have all transactions executed through web-based (Internet) information systems.

Recognizing this would be a long, arduous task requiring the vision to integrate both funded and volunteer

resources, the development would need to happen at CAP headquarters and with the members' in the field.

A solid infrastructure of computers and databases to store corporate information was redesigned at CAP National Headquarters.

The logistic system is currently in development. Volunteers have developed numerous mission and administrative applications that are providing a level of useful functionality. For example, the North Carolina Wing now downloads current database information from National Headquarters each evening. In the Ohio Wing, several older computers have been linked together to permit them to dial into headquarters and accomplish tasks remotely.

The Wisconsin Wing has designed a network that helps share information among units.

Many other units are continually linking with headquarters to ensure timely and useful information is shared on a regular basis.

There is still much to be done, but CAP is convinced the bottomline results—better accountability and mission accomplishment—will be worth the effort.

"The Civil Air Patrol has become an important asset in supporting the Federal Response Plan. Their ability to provide FEMA officials with airborne pictures of damaged areas is an essential element in obtaining Presidential Disaster Declarations. ... This country is fortunate to have an organization with such capable and dedicated members."

James Lee Witt, Director
Federal Emergency Management Agency

Member recognition

CIVIL AIR PATROL'S MEMBER RECOGNITION PROGRAM

Today's Civil Air Patrol performs a wide diversity of missions, well beyond the dreams of the Charter members. These missions are the direct result of dedicated volunteers who demonstrate their pursuit of excellence whether working with cadets, performing emergency services or providing aerospace education in support of the nation's educators.

Civil Air Patrol rewards cadet and senior members who epitomize the organization's core values through local, wing, regional and national awards programs.

In the photo above, Air Force Chief of Staff Gen. Michael E. Ryan presents the Chief of Staff Sweepstakes trophy to Louisiana Wing cadets, winners of CAP's National Cadet Competition. The members listed at right received national recognition in 1999.



Air Force Chief of Staff Gen. Michael E. Ryan presents the Chief of Staff Sweepstakes trophy to winners of CAP's National Cadet Competition.

1999 National Award Winners

**SENIOR MEMBER
OF THE YEAR**
Col. Paul A. Handverger

**CADET MEMBER
OF THE YEAR**
Cadet Col. Kyle J. Warf

Frank G. Brewer-
Civil Air Patrol
**MEMORIAL
AEROSPACE AWARDS**

Cadet Brewer Recipient
Cadet Thomas T. McKenney
South Dakota Wing

Senior Member Brewer
Lt. Col. Elizabeth R. Curry
Wisconsin Wing

Individual Brewer
Tomas J. Thomas
Madison, Wisconsin

Organizational Brewer
Gulf Coast Soaring Club
Stennis Airport
Mississippi

**1999 HISTORIAN
OF THE YEAR**
Lt. Col. Thomas J. O'Connor
Minnesota Wing

Col. Robert V. "Bud" Payton
**NATIONAL PUBLIC
AFFAIRS OFFICER**
Lt. Col. Karen L. Copenhaver
Virginia Wing

**COMMUNICATOR
OF THE YEAR**
Capt. Hartley J. Gardner
Arizona Wing

**SAFETY OFFICER
OF THE YEAR**
Capt. Malcolm C. Case
Nebraska Wing

**SENIOR CHAPLAIN
OF THE YEAR**
Chaplain, Lt. Col.,
Barbara Y. Williams
New York Wing

**SQUADRON CHAPLAIN
OF THE YEAR**
Chaplain, Capt., Kenneth L. Saner
North Missouri Composite

T hree Missions

The U.S. Congress established Civil Air Patrol to encourage and aid citizens in contributing to the public welfare and to provide aviation education and training to its members and local communities. That charter also outlined ambitions to provide an organization of private citizens to assist in meeting local and national emergencies. To that end, Civil Air Patrol established three key operational areas — Emergency Services, Cadet Programs and Aerospace Education — to carry out its congressionally chartered missions.

Emergency services

Growing from its World War II experience, the Civil Air Patrol has continued to strive to save lives and alleviate human suffering through a myriad of emergency-services and operational missions.



Search and rescue

Perhaps best known for its search and rescue efforts, CAP flies more than 85 percent of all federal inland search and rescue missions directed by the Air Force Rescue Coordination Center at Langley Air Force Base, Virginia. Outside of the continental United States, CAP supports the Joint Rescue Coordination Centers in Alaska, Hawaii and Puerto Rico. Just how effective are the CAP missions? Approximately 100 people are saved every year by CAP members!

Disaster relief

Often overlooked, but vitally important, is the role CAP plays in disaster relief operations. CAP provides air and ground transportation and an extensive communications network. Volunteer members fly disaster-relief officials to remote locations, and support local, state and national disaster relief organizations with manpower and leadership.

In fact, CAP has formal agreements with many government and humanitarian relief agencies such as the American Red Cross, Federal Emergency Management Agency, Federal

Aviation Administration, National Transportation Safety Board and the U.S. Coast Guard.

Humanitarian services

CAP flies humanitarian missions, usually in support of the Red Cross, transporting time-sensitive medical materials including blood and human tissue in situations where other means of transportation are not possible.

Air Force support

It's hardly surprising that CAP performs several missions in direct support of the U.S. Air Force. Specifically, CAP conducts light transport, communications support, and low-altitude route surveys. CAP flew orientation flights for AFROTC cadets. Joint U.S. Air Force and CAP search-and-rescue exercises provide realistic training for missions.

Counterdrug

CAP joined the "war on drugs" in 1986 when, pursuant to congressional authorization, CAP signed an agreement with the U.S. Air Force and U.S. Customs Service offering CAP resources to help stem the flow of drugs into and within the United States.





Cadet programs

During World War II, CAP trained thousands of young men to fly before they joined the Army Air Corps. This training, coupled with positive values instilled by role models, resulted in a pool of aviators virtually ready to do battle. After the war, the success of the wartime cadet program convinced Congress that a peacetime cadet program would yield great dividends.

For the past half-century, CAP's Cadet Programs has provided young people between 12 and 20 the opportunity to develop leadership skills through their interest in aviation. For many, it has also offered them the opportunity to learn to fly.

A knowledge of aerospace-related information is one of the pillars of the program. Cadets progress at their own pace through a 15-step program including aerospace education, leadership training, physical fitness, and moral leadership.

As cadets make progress, they have the opportunity to take part in a wide range of activities including encampments on military bases, orientation flights, and a variety of national and international activities.

Through its National Scholarship Program, CAP provides scholarships for cadets to further their studies in such areas as engineering, science and aircraft mechanics. Scholarships leading to solo flight training are also available.

The U.S. Air Force recognizes the high standards the cadets must meet. A CAP cadet who achieves the Gen. Billy Mitchell Award may enlist in the Air Force as an E-3 (airman first class) instead of an airman basic. CAP cadets are also well represented at the U.S. Air Force Academy. Usually 8-10 percent of the academy class is composed of former CAP cadets.

Aerospace education

America's love of manned flight started with the Wright brothers and continues unabated in the 20th century. World War II showcased the important role aviation would play in



the future, and national leaders recognized the importance of stimulating public interest in aerospace activities.

CAP, as the civilian auxiliary of the U.S. Air Force, was most suited to perform this mission. Efforts focused on two different audiences — internal CAP members and the general public.

The internal programs ensure that all CAP members have an appreciation for and knowledge of aerospace issues. A rigorous educational program is offered at every level of the CAP organization.

Aerospace educators at CAP's National Headquarters at Maxwell Air Force Base, Alabama, provide materials that reflect the highest standards of educational excellence.

The congressional charter also tasked CAP to stimulate public interest in aerospace issues. These external programs are primarily conducted through our nation's education systems.

Each year, CAP supports more than 100 workshops in colleges and universities across the nation, reaching more than 3,000 educators. These workshops highlight basic



aerospace knowledge and focus on advances in aerospace technology. Textbooks, learning tools and visual aids geared to stimulate interest in aerospace matters also are provided for teachers to use in their classrooms. Started in 1951, these workshops have reached hundreds of thousands of teachers and students across the nation.

CAP events

To ensure its members are prepared to meet the challenges of the 21st century, Civil Air Patrol provides national conferences in different locations each year. Workshops and seminars ensure that members have the most current and up-to-date information.

Support is also provided for the governing board's general meetings.



Executive Officers Confirmed

Brig Gen James C. Bobick selected, and the National Board confirmed, the following to continue to fill the positions on Civil Air Patrol's National Executive Committee:

Col. Joseph D. McMillan
National Chief of Staff
Col. David N. Simmons
National Legal Officer
Col. Larry D. Kauffman
National Finance Officer
Col. Andrew E. Skiba
National Controller

Col. Richard L. Bowling was selected for another one year term as National Vice Commander.

National Board Meeting and Annual Conference

CAP conducted business at three meetings of the National Board in 1999. In February 1999, the winter National Board meeting was held in Washington DC in conjunction with CAP Legislative Day. Deputy Assistant Secretary of the Air Force for Reserve Affairs Bryan E. Sharratt addressed the National Board on current issues and proposed CAP funding. Besides normal business, the National Board gave special recognition to Gen. Russell E. Dougherty for his many years of volunteer work in support of Civil Air Patrol.

In April 1999, the National Board met in special session to discuss an Air Force proposal for reorganizing the CAP management structure. The National Board decided to continue an open and frank dialog with the Air Force so that a structure that suited both CAP and Air Force concerns could be developed.

August 1999 brought CAP members together for the National Board and Annual Convention in Denver, CO. This three-day event attracted over 1,000 members of CAP who attended in order to learn and share experiences at more than 50 seminars and workshops. The National Board continued discussion of a new organizational management structure for CAP as well as putting the final touches on a new committee structure.

National Congress on Aviation and Space Education

In April 1999, more than 900 educators traveled to Orlando, Fla., for the 32nd National Congress on Aviation and Space Education. The National Congress is the premier aerospace education event of its kind in the nation and is one of Civil Air Patrol's major contributions to aviation and space education in America. Teachers attending the 1999 National Congress met with astronauts, research pilots, scientists, astronomers, and education experts. These speakers presented information and demonstrations on how teachers can effectively motivate their students and prepare them to deal with an increasingly complex, aerospace-oriented world.

Crown Circle awards

The National Congress Crown Circle for Aerospace Education Leadership, established in 1979, is one of the highest honors bestowed in the field of aerospace education. Inductees are nominated based on outstanding leadership in aerospace education over an extended term, and exceptional contributions to the field of aerospace education. **Dr. Steve Dutczak, Col. Edwin W. Lewis Jr., CAP, Mr. Tom Poberezny, and Mrs. Judy Dominguez** were inducted into the Crown Circle during the 32nd annual National Congress on Aviation and Space Education in Orlando, Fla. in April, 1999.



Opportunities for teachers

"I have been able to see first-hand the tremendous importance and impact of the CAP Aerospace Education Mission in hundreds of classrooms and squadrons across the United States and overseas. I know of no other program with so much potential to influence a broad range of school curriculum and provide information of so much value for the teacher, the student and the American public. CAP recognizes the importance of public knowledge about the values of aviation and space technology in the United States and does something about it."

John W. Horne, Professor
Central Missouri State University



CAP National Commander Brig. Gen. James C. Bobick presents an award to aviation legend A. Scott Crossfield.

Teacher workshops supported by CAP

Kentucky Aviation Museum
Lexington, Kentucky

Great Lakes Region Aviation and
Space Conference

Selfridge Air National Guard Base
Mount Clemens, Michigan

NASA Research Center
Cleveland, Ohio
Cosponsor: Ohio Aerospace Institute

University of Dayton
Dayton, Ohio
Cosponsors: U.S. Air Force Museum
Wright-Patterson Air Force Base

University of Toledo
Cleveland, Ohio
Cosponsor: College of Education and
Allied Professions

University of North Carolina
Chapel Hill, North Carolina
Cosponsor: North Carolina School of
Education

Wheeling Jesuit University
Wheeling, West Virginia Center for
Educational Technologies/NASA

Southwest Virginia Community
College
Wheeling, West Virginia
Integrated Math, Science and
Technology Professional Development
Institute
Bioblast Software, Activities, and
Assessment
Astronomy Village: Investigating the
Universe
Cosponsors: Center for Educational
Technologies
NASA Classroom of the Future

Drake University
Camp Dodge-Johnston, Iowa
The Sky Is Not The Limit

Fort Hays State University
Hays, Kansas

University of Minnesota
Minneapolis, Minnesota

Camden County College
Camden, New Jersey

Educational Information and Resource
Center
Sewell, New Jersey
Rogate Academic Interest Lectures,
Model Congress Activities, Space
Science Programs, Symposium for the
Arts, National Engineering Design
Challenge
Cosponsor: The National Talent Network

Kean University of New Jersey
Union, New Jersey
Ongoing Teacher Training Workshops
Cosponsor: Earth Systems Center

Mercer County College Flight Club
Trenton, New Jersey

NASA Teacher Resource Center
Lakewood, New Jersey

Northeast Curriculum Development
Center
Aberdeen, New Jersey

Port Authority of New York/
New Jersey
Newark International Airport, New Jersey
Annual Two-Day Aviation Education Expo

Space Studies Institute
Princeton, New Jersey
Advanced Aerospace Education
Workshop
Bi-Annual Conference

Hofstra University
Hempstead, New York

Canisius College
Buffalo, New York



Teachers get hands on training at a model rocketry workshop.

National Space Society Education
Chapter
New York, New York
Space Education Conference

Indiana University of Pennsylvania
Indiana, Pennsylvania

Millersville State University
Dallastown, Pennsylvania
Easton, Pennsylvania

Central Missouri State University
Minneapolis, Missouri

Temple University
Philadelphia, Pennsylvania

Missouri Western State College
St. Joseph, Missouri

University of Nebraska at Omaha
Omaha, Nebraska

Augustana College
Sioux Falls, South Dakota

South Dakota School of Mines and
Technology
Rapid City, South Dakota

Eastern Connecticut State University
Williamantic, Connecticut

Atlantic Community College
Mays Landing, New Jersey

San Jose State University
NASA Ames Research Center, Calif.
29th Annual Space Down To Earth
Workshop

Challenger Center
24 Locations Nationwide
Ongoing Workshops

Buehler Challenger and Space Center
Paramus, New Jersey

The Air Victory Museum
Medford, New Jersey

Aviation Hall of Fame and Museum of
New Jersey
Teterboro, New Jersey

University of Colorado
U.S. Space Command
Advanced Aerospace Education
Workshop
Space Technology and Biomedical
Research

University of Colorado
U.S. Air Force Academy
Colorado Springs, Colorado
Living In Space/Basic Rocketry
Aviation and Space Basics

University of Montana
Missoula, Montana
Cosponsor: Target Range Middle School



California State University
Bakersfield, California

CAP National Congress on Aviation
and Space Education
San Diego, California

The University of South Alabama
Fairhope, Alabama
NSE 403 Aerospace Education
NSE 501 Aerospace Education (Advanced)

San Jose State University
San Jose, California

Troy State University
Troy, Alabama
Aerospace Certification Program
Blastoff!

Auburn University
Auburn, Alabama
Aerospace Certification for Educators
Program Blastoff!

University of Alabama at Birmingham
Birmingham, Alabama

University of Hawaii
Honolulu, Hawaii

Embry Riddle Aeronautical University
Daytona Beach, Florida
Aviation Foundations for Elementary and
Secondary Teachers
Math Applications Using Aviation for
Elementary and Secondary Teachers
Advanced Aviation

State University of West Georgia
Carrollton, Georgia

Gordon Georgia Youth Science and
Technology Center
Milner, Georgia

Oconee River Georgia Youth Science
and Technology
Winterville, Georgia

Windward Community College
Kane'ohe, Hawaii

William Carey College
Hattiesburg, Mississippi

Keesler Air Force Base
Biloxi, Mississippi

East Tennessee State University
Johnson City, Tennessee
Advanced Aerospace Education
Workshop

University of Memphis
Memphis, Tennessee

University of Tennessee
Knoxville, Tennessee

University of Texas
El Paso, Texas
Advanced Aerospace Education
Workshop

Tarrant County Junior College
Fort Worth, Texas

Hawaii Space Grant College
Co-Sponsored by Future Flight Hawaii,
Kilauea Military Cam and Hawaii
Volcanos National Park
Honolulu, Hawaii

Museum of Flight
Seattle, Washington

Fantasy of Flight Foundation
Littleton, Colorado

Central Alabama Education Regional
Center
Montgomery, Alabama

University of New Mexico at
Albuquerque
Kirtland Air Force Base, New Mexico

Southeastern Oklahoma University
Durant, Oklahoma

National Space Society
Houston, Texas

Tarrant County Junior College
Northwest Campus
Fort Worth, Texas

Katy Independent School District
Katy, Texas

Special activities for young people



Air Force Space Command Familiarization Course

For cadets age 15 and older, this course provided an in-depth look at the Air Force Space program while students learned about orbital mechanics, and domestic and foreign launch capabilities. Students also took part in flight simulator training, T-43 and helicopter orientation flights, and tours of a nuclear submarine. This course was conducted over the summer at Peterson Air Force Base, Colorado, and Patrick Air Force Base, Florida.

Air Education and Training Command Familiarization

The one-week AETC Familiarization course is designed to give students the opportunity to attend class, observe and learn side-by-side with Air Force student pilots at Columbus Air Force Base, Mississippi, and Laughlin Air Force Base, Texas. Field trips included tours of the air traffic control tower, aircraft maintenance hangars and parachute shop.

National Blue Beret

The National Blue Beret activity offers the chance for members to

work the Experimental Aircraft Association's annual fly-in at Oshkosh, Wisconsin. Cadets learn aircraft marshalling and direction-finding techniques.

Jacksonville University/Comair Academy Airline Training Track

This joint venture between Jacksonville University and Comair Academy gave cadets a head start on aviation careers. Graduates from the program are eligible for six college credit hours at Jacksonville University. In addition, flight time may be applied toward a private pilot license.

Pararescue Orientation Course

The Pararescue Orientation Course is a weeklong introduction to the techniques used by the Air Force pararescue team. Cadets actively participated in training at Kirtland Air Force Base, New Mexico; Fort Knox, Kentucky; and George Washington National Forest, Virginia. The curriculum included land navigation, survival techniques, rock climbing, rappelling, and other skills.

Advanced Pararescue Orientation Course

Cadets concentrated on either mountaineering or navigation to further develop skills learned in the basic course. In both tracks, cadets were introduced to pararescue medical training.

National Flight Academy - Power Track

Participants spent 10 hours behind the yoke learning the basics of flying a powered aircraft. Students completed 25 hours of ground instruction and put it to use during an additional 10 hours flying as an observer. All cadets received real flight time in a Cessna 172. Many graduates of the National Flight Academy continue training for their FAA private pilot license.

National Flight Academy - Glider Track

This course gave selected students, 14 and older, the opportunity to get in the cockpit of a sailplane with a certified flight instructor. The cadets learned the basics of maneuvering a nonpowered aircraft. The 1999 National Flight academies took place in New Mexico, Colorado, Georgia, Connecticut and Oregon.

National Ground Search-and-Rescue School

This joint venture between Operations and Cadet Programs gave 152 members the opportunity to become qualified in emergency services. This course was conducted by CAP, the U.S. Air Force and industry experts at Camp Atterbury, Indiana, 35 miles south of Indianapolis. Civil Air Patrol, Air Force and industry experts taught cadets the latest search-and-rescue techniques. Students slept in tents and participated in survival exercises.

Hawk Mountain

Although the Pennsylvania summer Ranger School at Hawk Mountain has only recently been approved as a national activity, it has a long, proud history as one of the premier emergency services activities in the

Where Imagination Takes Flight!

"I have personally been involved with the Civil Air Patrol since my Middle School years and the level of proficiency and pride these cadets demonstrated during the recent Civil Air Patrol National Competition was truly amazing. My judging team was awed by the dedication and attention to detail these cadets exhibited, from uniform prep to the drills and ceremonies. I have no doubt that the CAP cadets of today will more than do their part in the building and shaping of America well into the 21st century."

Chief Master Sgt. William Greene III, USAF
Honor Guard Manager

country. The school offers courses such as basic, advanced, team commander, special advanced and field medic. Prior graduates are encouraged to return for advanced training.

Cadet Officer School

Cadet Officer School is a challenging, eight-day course designed to instill leadership and management skills in CAP cadet officers. Patterned after the U.S. Air Force Squadron Officer School, COS is an in-depth study of leadership skills. Instructors guide cadets through the Air Force approach to psychology of leadership, problem-solving techniques, effective writing, effective speaking, and group dynamics.

International Air Cadet Exchange

The highlight of CAP's national activities is the International Air Cadet Exchange (IACE). In 1999, 107 cadets and escorts from the United States were divided into groups and visited 17 different countries in Europe and the Pacific Rim. While our cadets were abroad, more than 100 foreign cadets and escorts visited CAP wings in the United States. The 20-day visit enabled participating cadets to learn about their host countries. Through IACE, cadets develop an appreciation of other cultures and promote international goodwill. It also gives the cadets a close-up, personal understanding of the highly interdependent nature of today's world.

Air Force Weather Agency Familiarization Course

This course held at Offutt Air Force Base, Neb., is designed to promote interest in meteorology, careers in the Air Force Weather Agency, and aerospace careers that require knowledge of weather systems. Students receive training in weather interpretation, contour mapping, severe weather analysis, storm spotting, and space/weather environment. The students tour the U.S. Strategic Command.



Emergency Services



"... All personnel involved in the operation demonstrated tremendous compassion to the Kennedy and Bessette families, resolutely protecting their privacy in the face of international and media interest. ..."

Admiral J. M. Loy, Commandant
United States Coast Guard

The volunteers of Civil Air Patrol proudly persisted in performing more than 85% of inland search and rescue missions in the continental United States as tasked by the Air Force Rescue Coordination Center. CAP search and rescue efforts during 1999 resulted in 1,815 missions, 4,354 aircraft sorties, 8,872 flight hours, and 84 lives saved.

The search effort for John F. Kennedy Jr. is the most notable mission for CAP during the past year in which New Jersey, New York, Connecticut, Massachusetts, and Rhode Island CAP Wings provided 23 aircraft, 211 people, and flew 85 hours in the preliminary mission efforts. For assisting in the search for John F. Kennedy Jr., the U.S. Coast Guard honored Civil Air Patrol with a Public Service Commendation Award.

Disaster Relief

Disaster relief efforts in 1999 put CAP volunteers to work in the aftermath of Hurricane Floyd that devastated much of the mid-Atlantic seacoast with North Carolina and South Carolina being the hardest hit. The Florida, Alabama, Louisiana, Georgia, South Carolina, North Carolina, Tennessee, Virginia, Maryland, Delaware, Pennsylvania, and New Jersey wings responded. CAP response provided transportation of state officials, photos of the devastation, monitoring of evacuation routes, flood stage observations, damage assessment, and aircraft photo

platform for the National Weather Service.

Devastating tornadoes in Oklahoma sent CAP members into action performing house-to-house damage assessment, securing neighborhoods and managing the entry of citizens distributing water and food, and flying damage assessment missions.

Other disaster relief responses such as an Oregon Wing squadron's assistance to Operation Shoebox, a program to provide essential personal hygiene and other items to victims of Hurricane Mitch in South America, and a Virginia Wing squadron's successful efforts to relieve residential flooding by opening a stream blocked with mud and debris, demonstrate CAP capacity for a broad range of disaster response skills.

These search and rescue and disaster relief missions underscore the CAP humanitarian commitment to emergency services throughout the nation.

Civil Air Patrol is developing and testing a new Emergency Services Curriculum which is used to train CAP personnel throughout the nation in the latest methods and techniques, including the adoption of the Incident Command System (ICS).

This system addresses the complexity of incident management, coupled with the growing need for multi-agency and multifunctional involvement. ICS is the single standard incident management system that is used by all emergency response organizations.



Search & rescue statistics (fiscal year '99)

Wing	Missions	Sorties	Flying Hours	Saves
Alabama	43	28	50	0
Alaska	273	533	992	27
Arizona	26	43	96	0
Arkansas	22	69	106	1
California	288	494	1,128	0
Colorado	36	200	442	7
Connecticut	20	63	86	0
Delaware	9	5	12	0
Florida	165	259	550	0
Georgia	44	51	95	0
Hawaii	4	7	17	0
Idaho	24	172	355	1
Illinois	16	11	23	0
Indiana	27	34	70	0
Iowa	9	12	26	0
Kansas	52	12	37	0
Kentucky	8	52	102	0
Louisiana	45	46	84	0
Maine	36	27	46	0
Maryland	25	33	65	0
Massachusetts	36	277	553	0
Michigan	26	65	135	1
Minnesota	30	91	148	19
Mississippi	18	22	48	0
Missouri	24	20	41	1
Montana	8	4	12	0
National Capital	4	3	12	0
Nebraska	14	19	48	0
Nevada	32	130	492	7
New Hampshire	6	12	19	0
New Jersey	66	58	102	0
New Mexico	15	76	192	2
New York	55	74	125	0
North Carolina	54	139	319	2
North Dakota	9	13	24	1
Ohio	31	70	127	0
Oklahoma	27	49	108	0
Oregon	35	81	214	2
Pennsylvania	85	44	86	5
Puerto Rico	0	0	0	0
Rhode Island	29	23	37	0
South Carolina	39	57	96	0
South Dakota	8	18	45	0
Tennessee	38	103	210	0
Texas	96	108	210	1
Utah	21	72	166	2
Vermont	2	11	24	0
Virginia	67	152	277	1
Washington	9	343	473	0
West Virginia	6	3	4	0
Wisconsin	23	33	57	3
Wyoming	13	42	114	1

Totals	2,098	4,363	8,900	84
--------	-------	-------	-------	----



"We sincerely appreciate the substantial assistance rendered by Civil Air Patrol in the investigation of drug trafficking organizations. Recent investigations have resulted in numerous indictments and arrests as well as the seizure of significant assets. The FBI looks forward to working with CAP in the future in the war against drugs."

James K. Weber
U.S. Department of Justice
Federal Bureau of Investigation



rug demand reduction

"Civil Air Patrol has been supporting CADCA in our efforts to help citizens provide healthy, safe, and drug-free communities.

We applaud the successes and ongoing initiatives in CAP's Drug Demand Reduction Program."

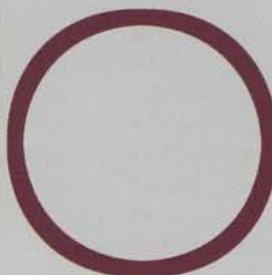
Major General Arthur T. Dean (Ret.)

Chairman & CEO, Community Anti-Drug Coalitions of America



"The Civil Air Patrol Drug Demand Reduction Program has made an outstanding contribution to the National program to reduce illegal drug use among the youth of this country. They are one of the featured programs at the National Interagency Civil-Military Institute (NICI). The CAP Cadet Program focuses on values, decision-making skills and provides excellent information on the negative effects of drug abuse. It is a model program for communities."

Maj. Gen. William J. Jefferds, Ed.D. (Ret.)
Special Assistant to the Chief
National Guard Bureau



Over the past year, Civil Air Patrol has continued to help youth choose healthy, safe and drug-free lifestyles.

Some examples of the success enjoyed by the Civil Air Patrol DDR program are as follows:

CAP supported the Air Force Reserve "Generation Drug Free" band playing before 5,000 elementary and middle school students in Minneapolis, Minn. CAP contributed approximately 25% of the travel budget to bus the children to the show.

CAP provided bus transportation for family members attending the Armed Forces YMCA summer camp at the Summerfield Housing Complex in Washington, D.C., for junior enlisted members. This is the fourth consecutive year this service has been provided since the Air Force requested CAP's involvement. One important benefit resulting from this program is that a CAP squadron is now established in the Summerfield community and is primarily supported by airmen and sailors living there.

A joint partnership between the South Carolina National Guard DDR Program, the Family Support Program and the South Carolina CAP Wing resulted in the construction of a leadership reaction course being built

at the Leesburg Weekend Training Site. Civil Air Patrol's DDR program provided the wood necessary for construction. CAP cadets are now housed during encampments and are able to use the facility at selected times throughout the year.

An innovative approach with the Arizona National Guard DDR Program and the Arizona CAP Wing resulted in CAP cadets being used as junior counselors at the National Guard's Drug Education for Youth (DEFY) camps sponsored by the Department of Juvenile Justice. These weeklong camps provide insight and coping skills in dealing with drug related issues. A second program begun recently is allowing CAP cadets to attend the weekend Freedom Academies that teach drug education to Arizona students.

The Texas CAP Wing Group 13, along with the Arizona, Delaware and Maryland Wings participated in the K-mart Kids Race Against Drugs. The program touched more than 500,000 children and their families with the message that "America's kids don't need drugs to have a good time."

These are only a few of the many outstanding Drug Demand Reduction initiatives being implemented by CAP volunteers in communities across the nation. The Civil Air Patrol DDR program provides the funding and materials to make an impact in not only the lives of cadets, but also the communities in which they live.



Counterdrug statistics (fiscal year '99)

Wing	Missions	Sorties	Hours
Alabama	215	814	2,093.0
Alaska	17	17	67.2
Arizona	16	58	211.6
Arkansas	82	273	597.4
California	79	1,234	3,097.7
Colorado	32	62	157.6
Connecticut	65	65	301.3
Delaware	324	1,142	1,203.9
District of Columbia	2	4	7.2
Florida	509	1,215	1,891.2
Georgia	131	415	875.5
Hawaii	118	1,006	2,778.5
Idaho	105	123	562.4
Illinois	38	175	241.3
Indiana	141	644	743.8
Iowa	37	152	376.2
Kansas	6	49	111.9
Kentucky	242	337	912.0
Louisiana	353	862	1,258.8
Maine	25	72	192.6
Maryland	29	102	123.8
Massachusetts	231	483	980.8
Michigan	150	353	502.3
Minnesota	62	204	446.7
Mississippi	70	362	667.4
Missouri	50	148	301.5
Montana	59	88	265.5
Nebraska	16	63	213.0
Nevada	462	692	2,045.1
New Hampshire	7	15	41.3
New Jersey	56	239	837.1
New Mexico	180	697	1,550.3
New York	475	405	870.8
North Carolina	121	250	486.9
North Dakota	12	64	528.5
Ohio	8	33	183.9
Oklahoma	39	185	364.0
Oregon	35	156	354.8
Pennsylvania	109	676	1,675.9
Puerto Rico	207	490	474.2
Rhode Island	1	1	24.3
South Carolina	6	28	77.5
South Dakota	8	79	177.5
Tennessee	130	267	478.5
Texas	834	4,489	3,297.0
Utah	189	274	874.7
Vermont	6	10	17.9
Virginia	51	204	326.3
Washington	161	671	980.0
West Virginia	37	105	124.5
Wisconsin	160	425	630.3
Wyoming	4	33	81.1
Total Hours	6,502	21,010	37,684.5

DRUG INTERDICTION EFFORTS

Since the mid-1980s, Civil Air Patrol has become an integral player in America's war on drugs. During 1999, CAP assisted in the confiscation or eradication of billions in illegal drugs. Here are just a few examples:

CAP aided Michigan's Traverse City Narcotics Team and the Federal Bureau of Investigation in locating four growth plots on a 145-acre farm in northern Michigan. A search of the property resulted in the removal of 10,800 marijuana plants with a street value estimated at *\$27 million. A cache of weapons was also discovered. The flight on which these discoveries were made, lasted only 45 minutes, and cost the U.S. taxpayer \$42.75.

In Georgia, the Civil Air Patrol's participation in the Marijuana Eradication Program led to 10 arrests and the seizure of 10,743 marijuana plants worth an estimated *\$26.9 million.

Working with the Drug Enforcement Administration and the Pennsylvania National Guard, Civil Air Patrol's counter drug operations successfully supported the Pennsylvania 1999 Eradication Program resulting in the eradication of marijuana and confiscation of other illegal drugs, weapons and property, with an estimated value of over *\$20 million.

These examples are only a few of more than 6,500 counter drug missions that Civil Air Patrol volunteers provided to local, state and federal agencies battling the war on drugs. The Department of Defense and federal agencies such as Drug Enforcement Administration, US Customs, US Forest Service and numerous state and local law enforcement agencies routinely call on Civil Air Patrol to provide aerial reconnaissance and eradication support.

**Drug value was calculated by CAP's customers, not CAP officials.*

Member training

"Civil Air Patrol was part of a well-coordinated search and recovery operation that employed a remarkable array of multi-agency assets. ... The actions of Civil Air Patrol are in keeping with the highest traditions of public service."

—Admiral J. M. Loy, Commandant
United States Coast Guard



DISTANCE LEARNING

To better serve the membership, development of distance learning (DL) initiatives began in 1999. One of the primary objectives of the initiatives is to seek the best mix of traditional classroom learning methods and technology-enhanced training, based on factors of cost effectiveness, quality and availability.

CAP was able to test a number of prototype internet-based online training courses during the year. These included Basic Survival Skills, Emergency Services, and Aircrew Coordination. When fully developed CAP members will be able to access training in their CAP specialties and continue their professional development as their schedule allows, using a combination of correspondence course materials, video tapes, CD Roms, video conferencing and internet-based online courses. As CAP's computer support system expands, DL technologies will be used to deliver updated, high-quality training when and where it is needed by CAP members throughout the U.S.

Due to the specialized nature of CAP missions, professional development courses are offered at every level within the senior member-training program. Standardized courses are designed to increase the knowledge, skills and abilities of the members. The CAP senior member training program is organized into five levels:

Level I – Orientation

Introduction into CAP, proper wear of the CAP uniform, military customs and courtesies, and cadet protection training. Cadet Protection training is a priority for CAP and is required for all active senior members. The course consists of a 90-minute video presentation, student guide, instructor guide and Microsoft PowerPoint slides. 3,970 senior members completed the Orientation course training in 1999.

Level II – Technical

Based upon interests and squadron needs, one of 22 specialty tracks is chosen for study. More than 1,500 members attended Squadron Leadership School (SLS) in 1999 to learn the basics of squadron operation. Nearly 1,800 members enrolled in a CAP correspondence course in 1999.

Level III – Management

The course is designed for CAP commanders and staff officers. It requires conference attendance and

participation in a 12-hour Corporate Learning Course (CLC). To complete this level, members must hold a command or staff position for one year and participate in activities at wing level or higher. In 1999, 675 members completed Level III training.

Level IV Command and Staff

Designed for advanced leadership positions in CAP. Members must attend a one-week Region Staff College (RSC) conducted annually. The colleges are formal, in-residence academic programs that help prepare CAP officers to execute the duties and responsibilities associated with CAP command and staff positions from squadron through region level. Leadership, management, communications, core values, command philosophy, CAP goals and objectives, and region operations and administration are just a few of the subjects covered. In 1999, 291 members attended Region Staff College.

Level V – Executive

Requires advanced study in academic and military subjects developed for members who have performed command or staff duty for at least three years and aspire to higher levels of leadership. Must complete the seven-day CAP National Staff College conducted annually at Maxwell Air Force Base, Alabama. The course curriculum includes advanced studies in leadership, management and instructional methodology.

Aerospace Education

Mandated by Congress in 1946, Aerospace Education remained one of Civil Air Patrol's primary missions in 1999. Recognizing the importance of an informed, educated public as it relates to aerospace, CAP made great strides in this area during the past year.

Enhanced educational products and support were provided for CAP members, America's schools and the general public.



Mandated by Congress in 1946, Aerospace Education remained one of Civil Air Patrol's primary missions in 1999. Recognizing the importance of an informed, educated public as it relates to aerospace, CAP made great strides in this area during the past year. Enhanced educational products and support were provided for CAP members, America's schools and the general public. Some ways this was accomplished:

Educational Products

- 30,000 free aerospace education products distributed to teachers through eight regional and one national distribution center.
- Development of an electronic aerospace education support system.
- Internet links to interactive educational sites.
- On-line lesson plans, resource guides and networking maps.
- Internet links to

tour aviation related sites such as the Air Force Museum.

- Published more than 38 new aerospace education lesson plans.
- Access to 48 pages of educational products through CAP's Supply Depot catalogue.

Educator Support

- Expanded CAP's Aerospace Education membership program.
- Provided monthly teaching aids for aerospace education members to enhance their traditional subjects.
- Continuing education workshops held in 36 states during 1999 to develop the educational skills of teachers.
- Expanded the new aerospace education award program for the middle schools of America.
- Through partnerships with various aerospace education organizations, teachers experienced "hands on" learning with flight simulator training through FlightSafety International, remote sensing by the Texas Space Grant Consortium, and building spacecraft control profiles using Satellite Tool Kit software.
- Orientation flights aboard U.S. Air Force aircraft provided to workshop participants.
- Assisted teachers throughout the nation as they developed more than 100 aerospace education field days.
- Continued development of inner city and after-school aerospace programs.
- Published a fifth volume of "Aerospace 2000," a special aerospace education and activity program.



Cadet Programs



1999 SPAATZ AWARD WINNERS

- Anthony P.J. Valdieson,
Carteret, N.J.
- Jessica Block, Los Lunas, N.M.
- Andrew Meislin,
Manhattan Beach, Calif.
- Scott C. Matthews,
Torrance, Calif.
- Jackie E. Turner, Columbia, S.C.
- Jorge M. Barriere, Daly City, Calif.
- Omar Maldonado,
San Juan, Puerto Rico
- Kevin Robertson, Warren, N. J.
- Mark Sutton,
Shaker Height, Ohio
- Ryan Wallace, Minot, N. D.
- Kevin Fromm, Irving, Texas
- Jackie C. Tennies, Red Rock, Okla.
- Joshua B. Broder,
Cumberland Foreside, Maine
- Douglass R. Jansen, Ames, Iowa
- James P. Chevalier, Marshall, Miss.
- Richard E. Martin, Tampa, Fla.
- Allen P. Lerner,
Mt. Dessert, Maine
- Samuel W. Sexton,
New Waverly, Texas
- Emma C. Tucker, Louisville, Ky.
- Jeffery A. Mueller, Glendale, Ariz.
- Paul M. Wilson,
San Antonio, Texas
- Cristopher R. Wood, Lebanon, N.H.
- Jason Secrest, York, Pa.
- Erica Williams, Marshall, Miss.
- John W. Hedrick, Elkton, Del.

The Civil Air Patrol Cadet Program provides youth from sixth grade through age 20 with a safe, active, and educational environment that fosters their growth and potential to be responsible, community-minded adults. Senior members and parents remark on the extraordinary growth and maturity exhibited by cadets as they progress through the program. One mom said, "CAP is the best thing that has happened to my daughter. Her self confidence and leadership abilities have grown well beyond what I expected."

CAP Cadet membership grew to over 26,000 in 1999 and preliminary numbers reveal that member retention is improving. This could be attributed to the effort to make Cadet Program materials more age sensitive. Adjustments to the academic portion of the cadet program have made it more appropriate for younger cadets. Cadets' self-

confidence and enthusiasm grows as they master the 16 Achievement Levels in the program. The earning of the four Phase awards culminates a dedicated effort on the part of our cadets and their leaders. Almost 1,900 cadets achieved one of these major milestones. Of particular note, there was a 5% increase over last year in the number of cadets earning the Billy Mitchell award. This award allows a cadet to enter the Air Force, the Air Force Reserve or Air National Guard as an E-3 (Airman 1st Class) rather than as an E-1.

The Five Pillars of the Cadet Program

The cadet program seeks to produce a well-rounded young person by addressing five critical areas of growth:

Leadership Skills, Aerospace Education, Physical Training, Activities, and Moral Leadership.

Leadership Skills: Leadership training begins from the first day a cadet joins until the time he/she leaves. Leadership





training is required to pass every achievement in the Cadet Program and a closed book leadership test must be passed for every Phase and Milestone award. In 1999, just under 2,000 cadets completed leadership training of some degree as they passed their major achievement plateaus. In addition, 80 cadets attended Cadet Officer School which lays a foundation in leadership and air power studies that will serve the cadets well should they choose to enter the Air Force.

Aerospace Education: An understanding of air power and Air Force heritage begins early in the cadet program through aerospace education. The aerospace education portion of the program motivates cadets to pursue career opportunities in our nation's crucial military and civilian aerospace arena. CAP submitted seven nominations this past year to the U.S. Air Force Academy Preparatory School from which they normally select one to attend. This year their records earned four cadets direct appointments into the Air Force Academy itself and one went to the Preparatory School.

Physical Training: Civil Air Patrol recognizes that physical training is an important element in youth development. Therefore, this portion of the program gets progressively harder as the cadet advances through the program.

Activities: Cadets participate in activities at all levels of the organization. Some 12,000 cadets participated in Cadet Program activities during 1999. Approximately 3,700 cadets had their first encampment experience and 1,400 took part in one of the National Cadet Special Activities. They studied first aid, search and rescue techniques, weather phenomenon and space and pilot training operations. One-hundred,

seventy-five cadets got the opportunity to experience flight first hand in powered or glider flight academies. One-hundred, seven cadets and 17 escorts had the opportunity to participate in the International Air Cadet Exchange (IACE) program, the pinnacle of cadet activities. They visited 17 countries from Australia to Israel and approximately the same number of international cadets and escorts were hosted by Civil Air Patrol.

This experience is best summed up by a group of international cadets visiting South Carolina: "Best greetings from sunny and very hot South Carolina. We never believed that so many young people could become friends in such a short time. The IACE 1999 will be unforgettable for us. The exchange is the best what could happen to us." Although the English is not perfect, this postcard home leaves no question as to the goodwill developed by this program.



Moral Leadership: A Moral Leadership Officer leads this portion of the cadet program at the local level by conducting seminars from a CAP text called "Values for Living." It is also in this portion of the program that Air Force and CAP Core Values are instilled and growth into responsible citizens is the most visible.

Scholarships

During 1999, cadets earned 185 scholarships totaling over \$103,000. The scholarship program has both an academic and a flying component to it. The academic scholarships are for both graduate and undergraduate studies and range from \$750 to \$1,000 per individual. The flying component consists of five scholarships from the Dadaelians organization, a fraternity of military pilots. These scholarships are available for cadets seeking their private pilot's license and pursuing a career in military aviation. Other scholarship sponsors are: USAA, Spartan School of Aeronautics, Dowling College, and Who's Who in American High Schools. In addition, Civil Air Patrol sponsors academic scholarships worth thousands of dollars.

Orientation Rides

Civil Air Patrol flew over 22,500 cadet orientation rides this past year for cadets under 17 years of age. For many young people this is the first real exposure to flying, and has proven to be one of the best motivational tools that CAP has.



Chaplain service

Founded in January 1950, the Civil Air Patrol Chaplain Service is an integral part of the CAP program. The Chaplain Service offers a unique opportunity for clergy to perform their ministry in an ecumenical setting in the largest volunteer chaplain service in the world.

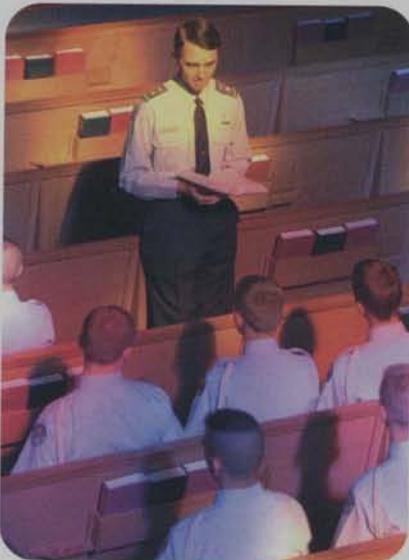
With an estimated 675 chaplains providing ministry to CAP's cadets and senior members, the CAP Chaplain Service models itself after the Air Force chaplain program. Chaplains are appointed based upon education, ordination, and professional competence. An applicant must receive endorsement from an ecclesiastical agency recognized by the Armed Forces Chaplain Board. Each is required to be ordained, have a four-year college degree, and three years of seminary or its equivalent in professional experience.

During 1999, 55 new chaplains were added to Civil Air Patrol. Florida led the nation with eight clergy, followed by California with five and New York with four. In comparison, the Air Force with 616 active duty chaplains added 40 new chaplains

during this same period.

Moral Leadership Officers (MLOs) assist chaplains in providing character guidance for cadets. "Values for Living" is produced annually by the National Staff Chaplain's office to outline topics for CAP's 26,000 cadets to discuss during monthly leadership seminars. The supportive environment provided by the MLO or the Chaplain permits cadets to examine their beliefs, values and what influence they wish to bring to the world. In 1999, CAP added 47 new MLOs.

CAP chaplains also provide a valuable ministry at the scene of plane crashes and disasters. One of the unique training opportunities in 1999 was providing Critical Incident Stress Training for chaplains. This training was led by active-duty Air Force instructors and often was performed along side active duty personnel. Over 100 CAP chaplains have completed the standard training course in responding to traumatic events. Approximately 87% of all emergency service personnel exposed to a critical incident will show signs of traumatic stress.





Brig. Gen. James C. Bobick, CAP,
and Col. Dennis B. Parkhurst, USAF

Civil Air Patrol leaders

The highest governing body of CAP is the National Board, chaired by the national commander, a volunteer member of CAP. Other members of the board include the eight region and 52 wing commanders. This governing body also includes an elected national vice commander and an appointed chief of staff, legal officer, finance officer, and controller — all civilian volunteers. These officers along with the eight region commanders and the U.S. Air Force Advisor form CAP's National Executive Committee. The NEC functions as the decision-making body of CAP when the full board is not in session. A key position on the National Board that ties the CAP Corporation to the U.S. Air Force is the Senior Air Force Advisor.

National Officers

National Commander

Brig. Gen. James C. Bobick,
CAP

Senior Air Force Advisor

Col. Dennis B. Parkhurst,
USAF

National Vice Commander

Col. Richard L. Bowling,
CAP

National Chief of Staff

Col. Joseph D. McMillan,
CAP

National Finance Officer

Col. Larry D. Kauffman,
CAP

National Legal Officer

Col. David N. Simmons,
CAP

National Controller

Col. Andrew E. Skiba, CAP

Northeast Region

Col. Donald N. Prouty, CAP

Wing Commanders

Connecticut

Col. Karen K. Payne, CAP

Maine

Col. James F. Linker, CAP

Massachusetts

Col. Eric V. Schollmann, CAP

New Hampshire

Col. Kenneth J. Herman, CAP

New Jersey

Col. Joseph F. Convery, CAP

New York

Col. Richard A. Greenhut, CAP

Pennsylvania

Col. Fredric K. Weiss, CAP

Rhode Island

Col. Jean C. Desmarais, CAP

Vermont

Col. William E. McManis, CAP

North Central Region

Col. Sheila J. Waldorf, CAP

Wing Commanders

Iowa

Col. John F. Lalla, CAP

Kansas

Col. Timothy A. Hansen, CAP

Minnesota

Col. Kevin F. Sliwinski, CAP

Missouri

Col. Jeanette K. Lawson, CAP

Nebraska

Col. Bruce L. Marxsen, CAP

North Dakota

Col. Thomas D. Weston, CAP

South Dakota

Col. George L. Colombe, CAP

Middle East Region Great Lakes Region

Col. Gene D. Hartman, CAP ^{AM} Col. William S. Charles, CAP

Wing Commanders

Delaware

Col. Robert L. Vawter, CAP

Maryland

Col. Ralph A. Vogt, CAP

National Capital

Col. Roland L. Butler, CAP

North Carolina

Col. Alvah W. Sulloway, Jr., CAP

South Carolina

Col. Hartsell O. Rogers Jr., CAP

Virginia

Col. H. Click Smith, Sr., CAP

West Virginia

Col. Bobby R. Anderson, CAP

Wing Commanders

Illinois

Col. Joseph S. King, Jr., CAP

Indiana

Col. Glenn A. Kavich, CAP

Kentucky

Col. John F. Price, CAP

Michigan

Col. Amy S. Courter, CAP

Ohio

Col. Michael J. Murrell, CAP

Wisconsin

Col. Larry S. Nack, CAP

Rocky Mountain Region

Col. Gary H. Tobey, CAP

Wing Commanders

Colorado

Col. William F. Hines, CAP

Idaho

Col. Kenneth P. Salzman, CAP

Montana

Col. Jerry W. Hover, CAP

Utah

Col. Terry H. Robison, CAP

Wyoming

Col. John M. Scorsine, CAP

Southeast Region

Col. Joseph C. Meighan, Jr., CAP

Wing Commanders

Alabama

Col. Joseph M. Owens, Jr., CAP

Florida

Col. Antonio J. Pineda, CAP

Georgia

Col. Calvin C. Franklin Jr., CAP

Mississippi

Col. Donald B. Angel, CAP

Puerto Rico

Col. Gerald P. Irons, CAP

Tennessee

Col. Joe C. Meighan III, CAP

Southwest Region

Col. Colin F. Fake, CAP

Wing Commanders

Arizona

Col. Richard L. McGlade, CAP

Arkansas

Col. Coleman C. Roth, CAP

Louisiana

Col. Mary D. Berkowitz, CAP

New Mexico

Col. James P. Norvell, CAP

Oklahoma

Lt. Col. Virginia P. Keller, CAP

(Acting)

Texas

Col. Selma R. Farley, CAP

Pacific Region

Col. Michael L. Pannone, CAP

Wing Commanders

Alaska

Col. Stephen A. Franklin, CAP

California

Col. Bryon L. Brammer, CAP

Hawaii

Col. Daniel D. Bowen, CAP

Nevada

Col. Carl W. Carothers, CAP

Oregon

Col. Virginia A. Thompson, CAP

Washington

Col. Dale E. Newell, CAP

Floyd

State appropriations

Alaska	\$503,100	Missouri	\$47,672
Arizona	\$61,500	Nebraska	\$35,000
Arkansas	\$70,800	Nevada	\$85,000
California	\$65,000	New Hampshire	\$62,000
Colorado	\$181,846	New Jersey	\$25,000
Connecticut	\$40,627	New Mexico	\$95,500
Delaware	\$22,000	North Carolina	\$125,645
Florida	\$55,000	North Dakota	\$47,032
Georgia	\$57,000	Oklahoma	\$55,000
Iowa	\$25,000	Pennsylvania	\$300,000
Kansas	\$25,000	South Carolina	\$78,068
Kentucky	\$30,600	South Dakota	\$23,464
Louisiana	\$95,000	Tennessee	\$168,042
Maine	\$25,000	Utah	\$75,000
Maryland	\$38,700	Vermont	\$25,000
Massachusetts	\$22,500	Virginia	\$100,000
Minnesota	\$65,000	Wisconsin	\$19,000
Mississippi	\$50,000	West Virginia	\$86,952

Total State Appropriations 1999-2000

\$2,887,048

STATE MEMBERSHIP TOTALS

	Adults	Cadet
Alabama	733	196
Alaska	1,011	225
Arkansas	362	217
Arizona	881	601
California	2,243	1,739
Colorado	1146	800
Connecticut	259	355
Delaware	225	145
District of Columbia	237	451
Florida	2,153	1,815
Georgia	1,059	727
Hawaii	332	207
Idaho	268	167
Illinois	778	928
Indiana	461	365
Iowa	217	131
Kansas	268	173
Kentucky	426	367
Louisiana	554	245
Maine	269	165
Maryland	649	676
Massachusetts	572	582
Michigan	741	480
Minnesota	699	498
Mississippi	367	226
Missouri	445	457
Montana	234	260
Nebraska	285	197
Nevada	557	241
New Hampshire	256	257
New Jersey	528	714
New Mexico	609	290
New York	1,299	1,142
North Carolina	953	458
North Dakota	187	137
Ohio	887	727
Oklahoma	456	429
Oregon	470	320
Pennsylvania	1,324	1,144
Puerto Rico	502	1,760
Rhode Island	123	135
South Carolina	544	521
South Dakota	220	179
Tennessee	764	540
Texas	1,768	1,266
Utah	459	201
Vermont	169	155
Virginia	705	607
Washington	697	749
West Virginia	433	217
Wisconsin	775	441
Wyoming	164	118
Great Lakes Region	36	
Middle East Region	59	
Southwest Region	64	
North Central Region	36	
Northeast Region	84	
Rocky Mountain Region	47	
Southeast Region	73	
Pacific Region	69	
National Headquarters	1,836	46

FINANCIAL

U. S. Air Force appropriated funds

(Provided to Support Civil Air Patrol Programs)

CAP Inc.

Operations & Maintenance: \$23,062,969

Liaison Salaries & Benefits		\$3,716,313
Liaison Operational Expenses		\$1,020,113
Emergency Services		
Search and Rescue Missions	\$4,518,085	
Counterdrug Missions	\$3,720,772	
Drug Demand Reduction Program	\$293,479	
Liability Insurance	\$735,786	
Vehicle Maintenance	\$155,143	
Aircraft Maintenance	\$2,998,186	
Communication Maintenance	\$1,096,476	
Aerospace Education		\$2,266,681
Cadet Programs		\$2,336,332
General and Administrative		\$205,603

Procurement: \$4,579,603

Aircraft Procurement	\$2,880,000
Vehicle Procurement	\$1,258,719
Communication/Computer Procurement	\$440,884

Total CAP Inc.: \$27,642,572

Appropriated funding supports payments to America's Air Force Auxiliary, CAP Corporation. The Corporation supports over 61,000 members, 530 corporate aircraft, and 950 corporate vehicles at over 1,700 operating locations. Some of the expenses supported by O&M funding included staff compensation and benefits, travel, rent, utilities, maintenance for aircraft and vehicles, flight reimbursement for search and rescue, disaster relief, and counterdrug missions, cadet uniforms, and liability insurance. The procurement dollars allowed CAP to purchase new aircraft, vehicles, and communication equipment.

The Civil Air Patrol is required to keep and report accounts in accordance with public law, Title 36. Title 36 requires CAP to use Generally Accepted Accounting Principles (GAAP). The Financial Accounting Standards Board (FASB) required functionality accounting and reporting for all expenses for not-for-profit corporations. Our headquarters expenses are broken out as Aerospace Education, Cadet Programs, Emergency Services, and Administrative. The annual audit will also reflect this functional breakout of expenses.

where imagination takes flight

More than any other segment of CAP membership, cadets personify how Civil Air Patrol can make a real difference in an individual's life. A strong supporter of involving more youth in aviation and a friend of CAP, the Aircraft Owners and Pilots Association (AOPA) challenged young Civil Air Patrol pilots in FY '99 to explain their driving hopes of becoming a pilot. The winner of the essay contest received a \$1,000 flight-training scholarship from AOPA. Included herein for the reader's reflection, are excerpts from the winning entry from CAP Cadet Jenna Sielski.

EXCERPT FROM THE WINNING
ESSAY ENTITLED,
I WANT TO TOUCH THE FACE OF GOD

"Oh! I have slipped the surly bonds of earth,
And danced the skies on laughter-silvered wings...
And while with silent lifting mind I've trod
The high, untrespassed sanctity of space,
Put out my hand and touched the face of God."

These words, so eloquently written by U.S.-born RAF Pilot John Gillespie Magee in his sonnet, "High Flight", express my feelings about flying. I have only flown once, an introductory gliding lesson in September of 1998. I was amazed at how silently we traveled, amazed how far I could see. I never knew how peaceful existence above the earth could be...I knew after that first experience, I wanted more.

In the peaceful silence, your heart and soul are also soaring. You have become closer to God, have had an experience which connects you to the spiritual current. True, aviation and flying can prepare you for studying math, science and physics. Becoming a pilot can offer excitement and challenge. The pursuit of flying can hone your senses and make you more perceptive. But where else can you "...touch the face of God"?

CADET JENNA SIELSKI, CAP
WESTCHESTER-HUDSON COMPOSITE SQUADRON
NORTH WHITE PLAINS, N.Y.

AT YOUR SERVICE:

EXECUTIVE DIRECTOR	334-953-6047
SENIOR AIR FORCE ADVISOR	334-953-6987
GENERAL COUNSEL OFFICE	334-953-6019
WASHINGTON DC OFFICE	703-325-7386
AEROSPACE EDUCATION	334-953-5095
CADET PROGRAMS	334-953-4238
EMERGENCY SERVICES	334-953-4220
COUNTER DRUG	334-953-4494
DRUG DEMAND REDUCTION	334-953-4237
MEMBER SERVICES	334-953-5191
SENIOR MEMBER TRAINING	334-953-7584
MARKETING AND PUBLIC RELATIONS	334-953-5463
CIVIL AIR PATROL NEWS	334-953-5700
PLANS AND REQUIREMENTS	334-953-4353
FINANCIAL MANAGEMENT	334-953-6031
MISSION SUPPORT	334-953-2266
CAP BOOKSTORE	800-633-8768
CAP SUPPLY DEPOT	800-858-4370
WEBMASTER	webmaster@capnhq.gov
WEB SITE	http://www.capnhq.gov

CIVIL AIR PATROL—THE UNITED STATES AIR FORCE AUXILIARY 1999 ANNUAL REPORT TO CONGRESS

CIVIL AIR PATROL'S 1999 ANNUAL REPORT TO CONGRESS IS AN OFFICIAL PUBLICATION OF THE CIVIL AIR PATROL CORPORATION, A PRIVATE AND BENEVOLENT CORPORATION SERVING BY LAW AS THE UNITED STATES AIR FORCE AUXILIARY. THIS REPORT IS PUBLISHED BY NATIONAL HEADQUARTERS, CIVIL AIR PATROL, MARKETING AND PUBLIC RELATIONS DIRECTORATE, 105 SOUTH HANSELL STREET, MAXWELL AFB, ALABAMA 36112-6332. TELEPHONE: 334-953-5463.



National Headquarters,
Civil Air Patrol
105 South Hansell Street
Maxwell AFB, AL 36112-6332

<http://www.capnhq.gov/>

