

CIVIL AIR PATROL

ANNUAL REPORT TO CONGRESS

FOR YEAR ENDING 31 DECEMBER 1985

1986





Air Force Academy Cadet Firstclass Nancy E. Galley (right) and CAP cadets Shannan DeGeorge and Steve Hunt of the Academy's CAP Falcon Composite Squadron admire the Air Force 2001 mural in the Academy astronautical engineering lab. Nancy is a member of a team of Academy engineering students and faculty that worked nearly three years preparing the "Flexible Beam Experiment" for its journey into space aboard the space shuttle Columbia. The former CAP cadet member of the Quad City Composite Squadron in Rock Island,

Illinois traveled to Cape Canaveral on 27 October to deliver the "Get-Away-Special" experiment package to NASA for placement in the shuttle's payload bay and was again there to witness the 18 December launch that was subsequently rescheduled. The experiment will provide data on light-weight materials as applied to construction in space. Cadet Galley has her sights set on an Air Force career in astronautical and manned spaceflight engineering. (Photo by Bill Madsen)

Cover Photo

A Schweizer 2-22 sailplane assigned to the 94th Airmanship Training Squadron at the U.S. Air Force Academy was the center of interest for a group of Civil Air Patrol members meeting at the Academy airfield in Colorado Springs, Colorado. (from left) Air Force Academy Cadet Timothy A. Woods is a member of the Arizona CAP Glendale Composite Squadron and was recently presented his Spaatz Award by the

Academy Commandant of Cadets; Air Force Captain Sig Nelson is a former Arizona Wing Spaatz Award cadet, a 1978 graduate of the Academy and is currently a sailplane instructor pilot at the Academy; and Stephanie E. Long and Steve E. Hunt are cadet members of Colorado's Falcon Composite Squadron. (Photo by Bill Madsen)



**NATIONAL
HEADQUARTERS
CIVIL AIR PATROL**
—USAF AUXILIARY—
Maxwell Air Force Base, Alabama 36112-5572



TO THE CONGRESS OF THE UNITED STATES

This is a report of the activities of Civil Air Patrol during calendar year 1985 submitted in accordance with the requirements of Public Law 79-476. Civil Air Patrol was established on 1 December 1941 as an emergency action to make volunteer civilian aviation personnel and aircraft available to the national defense effort. Civil Air Patrol operated as a division of the Office of Civilian Defense until April 1943 when the Army Air Forces was assigned jurisdiction for the remainder of the war years.

Following its wartime service, Civil Air Patrol was chartered by the 79th Congress on 1 July 1946 as a volunteer, nonprofit corporation. Then, on 26 May 1948, the 80th Congress passed Public Law 557 which granted Civil Air Patrol status as the civilian auxiliary of the Air Force.

During 1985, Civil Air Patrol continued to add to its long record of achievement and service with solid performance in each of its mission areas. Included in this report are details of significant accomplishments in emergency services assistance to people in distress, further development in aerospace education for Civil Air Patrol members and the general public, and training and leadership development programs for both cadet and senior members.

We are thankful for the capable and dedicated CAP volunteers and are proud of their outstanding performance during 1985. We are also grateful for the continued support of the Congress and for the advisory and material support provided by the United States Air Force.

We are pleased to present this report of Civil Air Patrol activities during the past calendar year.

WILLIAM B. CASS
Brigadier General, CAP
National Commander

JOHN T. MASSINGALE, JR.
Colonel, USAF
Executive Director

AEROSPACE EDUCATION

For the Civil Air Patrol aerospace education program, the year 1985 can best be described as one of growth and stimulating change. By revitalizing existing programs and structuring and implementing plans for new ones, the objectives of continuing to educate our own memberships and the American public were accomplished.

The Aerospace Education Program for Senior Members (AEPsM) continued its rapid growth. More than 4,000 CAP senior members have completed the 3-year-old program. Its success continues to be due to the "leadership by example" concept, and it is rewarding to see an increased completion rate by CAP region, wing, and squadron leaders.

NATIONAL CONGRESS ON AVIATION AND SPACE EDUCATION

The 1985 National Congress on Aviation and Space Education (NCASE) was held 21-23 March in Las Vegas, Nevada. The event was attended by nearly 1100 enthusiastic educators, dignitaries, and exhibitors from across the nation. Cosponsored by the National Aeronautics and Space Administration, Federal Aviation Administration, National Air and Space Museum, and Civil Air Patrol, the annual congress is designed to promote an understanding of aviation and space education throughout the nation. The forum of the congress promotes awareness of new developments and advances in

technology and motivates participants to inform the public about the impact of aviation and space on every aspect of our society. No better vehicle has been established for integrating aviation and space education as a curriculum element in the schools of our nation.

The eighteenth annual meeting opened with Presentation of Colors and introductions by the Master of Ceremonies, Dr. Edgar B. Wycoff, Associate Professor of Communication at the University of Central Florida, Orlando.

Aerospace excitement prevailed as participants were addressed by notables such as Dr. Paul E. Garber, Historian Emeritus of the National Air and Space Museum; Mr. Dennis M. Kenneally, Deputy Assistant Secretary of the Air Force (Reserve Affairs); and Col Joe W. Kittinger, Jr., USAF Retired, who made the first transatlantic solo balloon flight last year. Also featured were Mr. Alan Ladwig, Manager of NASA Teacher in Space Program; Mr. Louis R. Purnell, one of the Tuskegee Airmen and member of the World War II 99th Pursuit Squadron; Ms. Brooke Knapp, renowned record-holding aviatrix; Mr. Jack Anderson, journalist; and Mr. Donald D. Engen, FAA Administrator.

On both Thursday and Friday afternoons, the participants gathered in small groups to share ideas, teaching methods, and activities. There were individual groups for all grade levels and subject matter areas. For the first time, several sessions were held especially for CAP aerospace education personnel.



CAP Display. A CAP display booth was one of the means of telling the CAP story to the 1,100 attendees at the 18th National Congress on Aviation and Space Education held on 21-23 March in Las Vegas, Nevada. The Congress was cosponsored by the National Aeronautics and Space Administration, the National Air and Space Museum, the Federal Aviation Administration and Civil Air Patrol. (Photo by Bill Odom)



FAA Agreement. Federal Aviation Administration, Civil Air Patrol, and Air Force officials met in Washington D.C. on 14 November for the signing of a Memorandum of Understanding (MOU) between CAP and the FAA. (left to right) CAP Executive Director Col John T. Massingale, Jr., CAP National Commander Brig Gen William B. Cass, Assistant to the FAA Administrator Don Clauson (standing), FAA Administrator Donald Engen, and Deputy Assistant Secretary of the Air Force Dennis Kenneally. The updated MOU addresses CAP's management role under State and Regional Disaster Airlift (SARDA) plans, CAP support to FAA data gathering projects, and the CAP-FAA interface for aviation/aerospace education.



Rocketry Workshop. A model rocketry workshop was one of the several activities offered to aerospace enthusiasts during the annual National Congress on Aviation and Space Education. The workshops allowed small groups of participants to share ideas and teaching methods and to discuss subjects in aviation and space of particular interest to them. (Photo by Bill Odom)

A special reception was held to honor the famous aviators who have addressed past congresses. Returning to share their experiences and wisdom with the congress attendees were Brig Gen Charles E. "Chuck" Yeager, USAF Retired, Mr. George Gay, Ms. Fay Gillis Wells, and Ms. Mary Feik.

The Crown Circle Award Ceremony, which recognizes outstanding achievement in the aerospace arena, was another congress highlight. The three new inductees to be honored were Dr. Walter Lucas, Dr. Pauline Maupin, and Dr. Ted Colton.

Mr. A. Scott Crossfield announced a new award during the congress banquet. This award, called the A. Scott Crossfield Aerospace Education Teacher of the Year Award, will be presented annually, beginning in 1986, to recognize and reward classroom teachers for outstanding accomplishments in aerospace education. The Crossfield Award will consist of a \$1,000 cash award, membership in the Crown Circle, and free registration and room rental at all subsequent National Congresses.

The 1986 National Congress on Aviation and Space Education will be held at the New Orleans Sheraton Hotel in New Orleans, Louisiana, on 20-22 March.

AEROSPACE EDUCATION MATERIALS

The new textbook *Horizons Unlimited*, used by the cadet program, was published in 1985. The text, utilizing a purposeful departure from past formats, includes more learning activities and precise, easy-to-understand blocks of study.



National Congress. Columnist Jack Anderson was an intent participant in the National Congress on Aviation and Space Education held in Las Vegas, Nevada, in March. The 3-day event was attended by 1,100 aviation and space enthusiasts from throughout the nation. (Photo by Bill Odom)

A sequential and concise Instructor Guide to accompany *Horizons Unlimited* was also written. It features useful instructional techniques and guidelines which parallel each of the blocks of study being used by the cadets. In addition, a final examination was written and printed for flexible use with both the new and former textbooks.

AEROSPACE EDUCATION WORKSHOPS

Civil Air Patrol's most important contribution to aerospace education continues to be its support of teacher training through aerospace education workshops. The purpose of the workshop program is to provide attendees with a basic knowledge and interest in aerospace which will be included in their teaching upon return to the classroom or school system. Civil Air Patrol, in cooperation with colleges, universities, and individual school systems, supported 209 graduate-level workshops in 40 states with approximately 5,000 educators attending.

Civil Air Patrol provided advice, assistance and support in developing curriculums according to the requirements of the host institution. Air Force support was provided by Air Force Reserve personnel on active duty tours who provided liaison and instructional support to workshop directors. In some cases, Air Force airlift was provided for workshop participants to visit an aerospace facility as part of the curriculum.

To better promote the continuation of aerospace education workshop excellence, a survey instrument was devised to measure "success." Findings will be shared with workshop directors nationwide as this 30-year endeavor continues to influence our nation's education system.



Dual Charter. Transatlantic balloonist Joe Kittinger visits the display of a dual chartered Civil Air Patrol/Explorer Scout unit during the Diamond Jubilee Scout Show in Winter Garden, Florida. The CAP West Orange Composite Squadron, which also holds a Boy Scout charter as Search and Rescue Explorer Post 928, was awarded a first-place ribbon for its display.

THE CADET PROGRAM

A primary objective of Civil Air Patrol is to provide a program to develop and motivate the youth of the country to leadership and responsible citizenship through an interest in aviation. The program is open to United States citizens and persons lawfully admitted for permanent residence to the United States and its territories and possessions who are 13 years of age, or have satisfactorily completed the sixth grade, through 18 years of age. Upon reaching 18, cadets may choose to either become senior members or continue in the cadet program until their 21st birthday.

Cadets are provided with opportunities to develop their leadership skills in an aerospace-oriented environment. Learning is achieved through a combination of study and performance involving both individual and group effort. Cadets learn and develop under the guidance of adult CAP leaders with the advice and assistance of U.S. Air Force liaison personnel. Cadets are permitted to progress at their own pace through a structured program of aerospace education, leadership training, physical fitness, moral leadership, and planned aerospace-related activities. Throughout the program, cadets become eligible to participate in encampments, orientation flights, and a variety of national and international activities. Other incentives and benefits include: increase in cadet rank, receipt of ribbons and award certificates, eligibility to compete for academic and flight scholarships and advanced entry rank of pay grade E-3 should a Mitchell Award recipient choose to enlist in the U.S. Air Force.



Teamwork Test. The annual Civil Air Patrol National Cadet Officers School held at Gunter AFS, Alabama, equipped cadets with leadership and management principles for everyday use and advancement in the CAP Cadet Program. In addition to the many lectures, seminars and classroom presentations, the cadets were also tested physically and mentally by Project X, an exercise designed to provide basic lessons in leadership, teamwork and problem solving. (Photo by Rand McNatt)

INTERNATIONAL AIR CADET EXCHANGE (IACE)

The IACE program was established to foster international understanding, goodwill, and friendship among young people who share a common interest in aviation. The program was first conducted in 1947 between the Air Cadet League of Canada and the Air Training Corps of Great Britain. Civil Air Patrol, with the assistance of the U.S. Air Force, entered the exchange in 1948. The program has grown over the years, having involved some 41 countries at one time or another.

During 1985, 114 cadets and 20 senior escorts were exchanged with cadets from 12 other IACE Association member nations and three countries in the Pacific. Exchanges with Pacific countries are arranged and conducted bilaterally by Civil Air Patrol under similar rules and format and in conjunction with the regular IACE program. During the 19-day exchange, sponsoring organizations in each country provide visiting cadets with a variety of activities such as tours of Air Force installations; visits to aerospace industries, airports and air traffic control facilities; orientation flights in gliders and powered aircraft; and sightseeing trips. Visitors usually stay in the homes of host families to enhance mutual understanding and cultural exchange.



IACE Party. Israeli Air Force Commander Maj Gen Amos Lapidot (left) was presented a plaque by New Jersey CAP Wing Commander Col George S. Bochenek during a farewell party for the Civil Air Patrol contingent of International Air Cadet Exchange (IACE) cadets. Col Bochenek served as escort officer for the CAP Delaware Wing cadets during their visit.

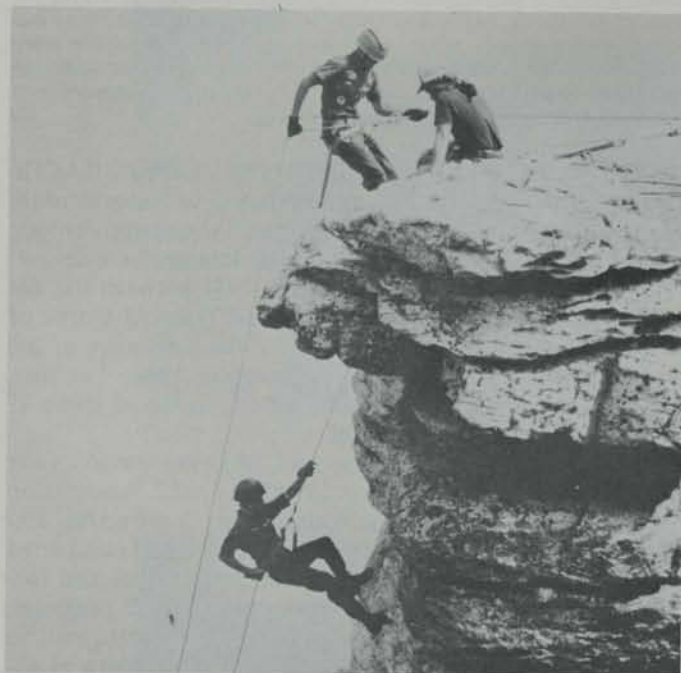


School Awards. During the Cadet Officer School graduation banquet, cadets (from left) Julius Britton, Stan Skocki, Edward Black, Beth Gallagher and Miguel Arroyo were presented achievement awards. Cadet Black was named Outstanding Cadet; Cadet Arroyo had the best essay; and Cadets Britton, Gallagher and Skocki took first, second and third, respectively, in speech. (Photo by Rand McNatt)

SCHOLARSHIP PROGRAM

In 1985, the Civil Air Patrol, through its National Scholarship Program, provided a total of \$35,500 to 70 of its members to supplement their college or vocation-

technical school education. Scholarships were given for study in engineering, education, humanities, theology, and science. Recipients ranged from young persons interested in learning to be aircraft mechanics to those pursuing advanced degrees in aeronautical engineering or aerospace medicine. In addition to the national scholarship program, many scholarships are provided by local and state level CAP units and outside organizations.



Cadet Course. CAP cadets are introduced to rappelling and rock climbing during the CAP Pararescue Orientation Course at Kirtland AFB, New Mexico. The 35 cadets attending the week-long course also learned basic survival techniques including shelter building, fire starting, knot tying and navigation. In addition to the Kirtland site, the course was also conducted at Fort Knox, Kentucky and George Washington National Forest in Virginia. (Photo by Rand McNatt)

CADET ENCAMPMENTS

Attending an encampment is usually the cadet's first exposure to the everyday excitement and challenge of the aerospace world. Each year, several thousand are provided this experience through attending encampments conducted at Air Force bases or other military facilities throughout the United States and Puerto Rico. This firsthand look at the military lifestyle allows cadets to talk with and observe men and women of the active armed forces and gain practical experience and information on aerospace-related career opportunities.

Attendance at an encampment is a significant personnel development aspect of the structured CAP Cadet Program. It is a prerequisite to the completion of the first seven of the 15 achievement levels and attaining the General Billy Mitchell Award, which is the first major milestone of the Cadet Program. Cadets who earn the Mitchell Award become eligible for more advanced special activities and automatically earn the grade of airman first class (E-3) should they choose to enlist in the Air Force.

Last year, 5,007 CAP cadets and 963 CAP senior members attended encampments at 23 Air Force bases and at 19 other Department of Defense facilities. An additional 22 encampments were conducted at non-DOD facilities.

CADET SPECIAL ACTIVITIES

Cadets earn the right to participate in several nationally conducted special activities as they progress through the structured program. During 1985, a total of 759 cadets participated in these activities. The most competitive and prestigious activity was the *International Air Cadet Exchange* which involved 114 cadets and 20 adult escorts in an exchange with 15 countries. The *Cadet Officer School* conducted at Gunter Air Force Station, Alabama, and taught by the Air University faculty was attended by 100 cadets from 32 CAP wings. The 10-day program featured the development and application of basic leadership and management skills.

The *Air Training Command Familiarization Course* hosted by the Air Training Command (ATC) at one undergraduate navigator and two undergraduate pilot training bases was attended by 86 cadets from 25 wings. The programs at Mather AFB, California; Columbus AFB, Mississippi; and Laughlin AFB, Texas not only acquainted cadets with specific activities of ATC, but also stimulated cadet interest in the Air Force career opportunities. The *Pararescue Orientation Course* was conducted by the USAF Pararescue School to instruct the 115 cadet participants in the various techniques of rescue operations. This exceptionally popular 1-week program was conducted at three sites: Kirtland AFB, New Mexico; Fort Knox, Kentucky; and George Washington National Forest, Virginia.



River Ride. Ninety Tennessee Wing senior and cadet members participated in the third annual canoe trip down the Buffalo River in central Tennessee. The activity involved forty-five 2-person teams paddling 18 miles through a remote area of the state in the 2-day trip. (Photo by Robert Parsons)



Cadet School. Air Force Reserve Maj Dennis Price leads a seminar during the 10-day CAP National Cadet Officer School conducted at Gunter AFS, Alabama, for 97 cadets. The challenging program consisted of a full schedule of lectures, seminars, tours and athletic activities. (Photo by Rand McNatt)

The *National Cadet Competition* conducted at Maxwell AFB, Alabama, during the last week of December was attended by 128 cadets and 32 escorts. A 16-member team from each of eight CAP regions competed in aerospace knowledge, physical fitness, and precision drill. The New York Wing Bronx Group Team, representing the Northeast Region, was the winner and was presented the Air Force Chief of Staff Sweepstakes Trophy.

Two new cadet special activities were added in 1985. The *Senator Jennings Randolph Soaring School* was conducted at Central Missouri State University with two cadets from each of the eight regions receiving ground and flight training leading to a solo flight in a nonpowered glider. The *Blue Beret Encampment* was conducted for many years as a regional activity, but due to its immense popularity it was conducted in 1985 as a national cadet special activity. The 2-week program provided instruction in survival, drill and ceremonies, flightline operations, and aircraft traffic direction and control. The activity conducted primarily at Volk Field, Wisconsin, also included a trip to the Experimental Aircraft Association Airshow at Oshkosh, Wisconsin, for the 200 participating cadets.



Soaring School. The first Senator Jennings Randolph CAP National Soaring School was conducted at Central Missouri University in July. This pilot program provided ground and flight training through solo for 16 cadets representing the eight CAP regions. The cadets were trained in increments of five or six during three consecutive 7-day sessions. (Photo by Rand McNatt)



Museum Visit. Members of Ohio Wing Squadrons 101 and 102 made a field trip to the General Electric Jet Engine Museum in Cincinnati and were provided information on the history and evolution of jet propulsion and shown films depicting use of the jet engine in the future.

FLIGHT TRAINING

Civil Air Patrol allocated \$33,000 in its fiscal year 1985 budget to provide locally conducted solo flight training and orientation flights for cadets. The funds provided 53 solo flight scholarships to cadets in the 52 CAP wings and overseas units. Scholarships covered expenses of ground school and flight training leading to solo qualification.

CAP cadets may also qualify for a series of six 30-minute orientation flights. The program is funded and conducted at wing and unit levels, but the CAP national treasury provides partial reimbursement for the first flight. During 1985, the 52 wings and overseas units were partially reimbursed for the expense of providing over 3300 cadets their first flight experience and several thousand additional cadets were provided flights in the ongoing 6-flight series at the expense of local CAP units and individual CAP members.



Honor Cadet. Air Force 2nd Lt Lawrence Tidball, Instructor Pilot at Columbus AFB, Mississippi, prepares Cadet Chris Gordon for an orientation in the T-37 jet trainer. Chris was given the jet flight in recognition of his selection as honor cadet of the Mississippi Wing encampment held at Columbus. All 43 cadets attending the encampment were provided a flight in a C-130.

EMERGENCY SERVICES

Civil Air Patrol Emergency Services strives to save lives and relieve human suffering while safeguarding the lives of CAP personnel providing this service. CAP insists upon professionalism in organization, training and mission execution to accomplish this service and permits only qualified members to participate in actual missions. The Emergency Services mission includes search and rescue in support of the Aerospace Rescue and Recovery Service in the Continental United States, the United States Coast Guard in Puerto Rico, and the Joint Rescue Coordination Center in both Hawaii and in Alaska. The Emergency Services mission also includes civil defense and disaster relief operations in support of local, state, federal and other emergency services organizations.

During 1985 CAP responded to disaster relief requests on at least four major occasions. These included the Puerto Rico flood and mud slide, floods on the Middle Eastern U.S. Coast, and hurricanes on the Gulf Coast and Eastern Seaboard. CAP cooperates with local civil officials and rescue organizations in search and rescue operations and also has a mutual support relationship with the American National Red Cross, Salvation Army, Federal Emergency Management Agency, Federal Aviation Administration, National Voluntary Organizations Active in Disaster, and other humanitarian organizations in conducting disaster relief operations. In 1985 CAP and American Red Cross extended their agreement of mutual support. CAP assists the American Red Cross with their blood and tissue programs and provides a transportation platform for Red Cross use to collect and distribute blood and tissue. Also in 1985, CAP and U.S. Coast Guard Auxiliary entered into an agreement of mutual assistance and cooperation for training and actual search and rescue or disaster relief activity.



Open House. Lavonne Boyle of California's Marin Composite Air Rescue Squadron checks over a CAP Beech T-34 parked near an Air Force KC-135 at Travis AFB, California. Boyle and other squadron members were at Travis to participate in the base open house, Air Expo '85.



False Alarm. Dwight Smith (left) and Sal Lagonia monitor emergency locator transmitter (ELT) signals at the New York Wing Emergency Operation Center during an ELT search mission. After several hours, a Winchester Group ground team, with the aid of the Bedford Police, located the source of the transmission at the home of a local helicopter pilot who had removed the ELT from his aircraft and taken it to his home where the distress signal had been accidentally activated. (Photo by Anthony Vitulli)

SEARCH AND RESCUE

The National Search and Rescue Plan charges the U.S. Air Force with responsibility for coordinating inland search and rescue operations in the United States. In its role as the auxiliary of the Air Force, Civil Air Patrol is the primary resource available to the Air Force in fulfilling the responsibility of inland search and rescue.

In 1985, the Southeast, Pacific, Rocky Mountain and North Central CAP regions participated with the Air Force Reserve Coordination Center (AFRCC) in search and rescue (SAR) awareness symposiums. The conferences brought local, state, and federal members of the SAR community together to exchange knowledge about each other's SAR capabilities and operating procedures. The meetings played a significant part in CAP's continuing effort to promote awareness and improvement of SAR.

During 1985, Civil Air Patrol participated in 2,327 Air Force authorized search and rescue missions, flew 14,210 hours, and was credited with locating 1,593 search objectives and saving 116 lives.

For the fifteenth consecutive year the number of CAP finds on Air Force authorized missions has increased; from 103 in 1971 to 1,593 in 1985. CAP flew approximately 80% of search hours on missions coordinated by the Air Force Rescue Coordination Center (AFRCC). In addition to supporting Air Force requests, the CAP wings in Louisiana, Florida, Puerto Rico, Alaska, Hawaii, and California frequently provided search assistance to the U.S. Coast Guard.

The emergency locator transmitter (ELT) continues to be the best hope for timely rescue of survivors of general aviation air crashes; however, the high incidence of non-distress ELT activations and voice transmissions on ELT frequencies are major areas of concern. CAP is working closely with other organizations to increase ELT reliability. CAP continues to inform the aviation community of the importance of maintaining reliable ELT equipment, monitoring of the ELT frequency, and filing accurate flight plans. CAP also has continued to explore and work with other agencies towards more efficient and accurate methods of locating downed aircraft to increase the chance of finding survivors.

MISSION SUMMARIES

The following extracts from official Air Force reports are representative summaries of Air Force-authorized missions for which Civil Air Patrol was credited with the saving of lives:

MISSING CHILDREN

Idaho. Idaho CAP provided air search to assist the Twin Falls Sheriff's Department in searching for five 11-year-old children. Idaho CAP located the missing children near South Hills, Idaho, in good condition.



Aviation Safety. Astronaut John Blaha talked with cadets (left to right) Cindy Johnson, Greg Guerra and Ronnie Barrett between seminars at the Louisiana Aviation Safety Week event in New Orleans. Blaha emphasized to the cadets the importance of earning good grades now if they wished to later qualify to become astronauts. (Photo by H.R. Guerra)

MOUNTAIN CRASH

Alaska. Alaska CAP and the 71st Aerospace Rescue and Recovery Squadron (ARRS) provided air support to the Alaska State Troopers in the search for a missing light aircraft with five persons on board. Using data provided through the SARSAT system on ELT signals detected, Alaska CAP and 71st ARRS aircrews gradually narrowed the search area enabling ground searchers on snowmobiles to locate the remote mountain crash site where three had survived and two were deceased. Three saves were jointly credited to the civilian ground search party, 71st ARRS and Alaska CAP.

CAP-USCGA Agreement. Civil Air Patrol and the U.S. Coast Guard Auxiliary joined in an agreement to enhance each organization's common goal of assisting persons in distress. Participants in the 14 August agreement signing ceremony were (seated, left to right) CAP Executive Director Air Force Col John T. Massingale, Jr., CAP National Commander Brig Gen William B. Cass, U.S. Coast Guard Auxiliary National Commodore Chris Lagen and U.S. Coast Guard Chief of Staff Rear Adm Donald C. Thompson; (standing, left to right) USCGA officials Capt William J. Wallace, Mr. Gerald M. Chaskes, Commodore William B. Parsons, Commodore Stanley Y. Kennedy, Commodore Thomas T. Matteson, Capt Laurence C. Kindbom, Vice Commodore William Harr, Lt Comdr Herman S. Pritchard and Commodore Elsworth Weinberg. (Photo by Robert L. Knudsen)





Effectiveness Test. South Carolina Wing cadets refuel mission aircraft during the wing's Air Force graded emergency services exercise. The wing received an overall grade of "Outstanding" in the mission effectiveness test.

INFANT SAVED

Nebraska. In response to a request from the Omaha Red Cross, Nebraska CAP transported blood from Omaha to Grand Island for use in the emergency treatment of an infant suffering from a rare blood defect.

KIDNEY TRANSPLANT

New York. In response to a request from New York's Albany Medical Center, New York CAP transported a kidney from Albany to New York City for transplant surgery for a patient at Cornell Medical Center.

CRASHED HELO

Nevada. Nevada CAP was alerted to an ELT signal being heard 60 miles northeast of Las Vegas and located the source of transmission in a crashed helicopter. Nevada CAP directed a Las Vegas sheriff's helicopter to the crash site for recovery of six uninjured survivors.

LOST HUNTER

Colorado. At the request of the Gunnison County, Colorado Sheriff, Colorado CAP assisted in the search for a missing hunter. Colorado CAP located the man from the air and directed ground teams in for the rescue. The man, who was exhausted and suffering from hypothermia, was reunited with his hunting party and taken to a local hospital.

ICE CRASH

Alaska. An UH-1 helicopter with two persons on board enroute from Nome to Fairbanks became the object of an Alaska CAP search mission when its ELT distress signal was detected and reported through the Search and Rescue Satellite-Aided Tracking (SARSAT) system. Alaska CAP at Nome located the crashed aircraft on an icepack in Norton Sound and recovered the two injured survivors to Nome.



New Mission. Commissioner of Customs William von Raab and CAP National Commander Brig Gen William B. Cass entered into an agreement on 14 November whereby Civil Air Patrol will support the U.S. Customs Service in a program of air reconnaissance to assist in locating illicit drug traffic along the boundaries of the United States. Customs Air Operations Coordinator J. J. Johnson witnessed the signing ceremony. CAP pilots will help Customs by spotting possible drug smuggling boats offshore and patrolling known air smuggling corridors. However, CAP pilots will not engage in "hot" pursuit or perform enforcement functions.



Customs Agreement. U.S. Congressman E. Clay Shaw (right) of Florida's 15th District discusses a recently signed agreement between the U.S. Customs Service and Civil Air Patrol with retired New York Congressman and CAP Col Lester L. Wolff (far left), Maj Etta Spieker and Florida Wing Commander Col Sam Spieker. The 14 November agreement established procedures for Civil Air Patrol to support the U.S. Customs Service in a program of air reconnaissance to assist in locating illicit drug traffic along the boundaries of the United States.

PILOT TRAPPED

Alaska. A light aircraft with one person on board experienced engine failure and made a forced landing on ice at Elephant Point, 50 miles south of Kotzebue. The pilot was trapped in the aircraft by a fuel tank that shifted forward upon impact. Alaska CAP at Kotzebue located the downed aircraft, extracted and recovered the trapped pilot and transported him to Kotzebue.



Life Saver. Alaska Wing Commander Col Russell Anderson presented Senior Member Fred Don with a Life-Saving Award. Although the life-saving action occurred in March 1982 when Fred Don made an air search and located two stranded hunters on Nunivak Island, it was March 1985 before Col Anderson found the opportunity to present the award. While on a staff visit to Bethel, Col Anderson found the weather favorable to get out to the remote village of Mekoryuk on the north side of Nunivak Island in the Bering Sea. Fred Don is a commercial pilot, carpenter, registered guide and outfitter. He owns the only airplane on the island and is a member of the Bethel Senior Squadron, 150 miles away. (Photo by Mel Fry)

CRASHED CESSNA

Virginia. A Cessna 182 with three persons on board was reported missing while enroute from Springfield, Missouri, to Woodbridge, Virginia. Virginia CAP located the crashed aircraft near Lebanon, Virginia. Ground teams recovered one survivor and transported her to a hospital in Lebanon.

DISTRESS SIGNAL

Wyoming. Wyoming CAP was requested to search for an ELT signal being heard in the Torrington, Wyoming, area. Using airborne and hand-held direction-finding equipment, Wyoming CAP located the distress signal coming from an aircraft crashed in the area of Torrington. The seriously injured pilot was taken to a local hospital.

LOST CHILD

Utah. The Idaho County, Idaho, sheriff requested Utah CAP assistance in searching for a 12-year-old boy missing in the area of Hamilton, Montana. The boy was located in good condition and delivered to a hospital in Missoula, Montana. The save was jointly credited to Detachment 24, 40th Aerospace Rescue and Recovery Squadron, the Rocky Mountain SAR Dog Team and Utah CAP.

DRUG OVERDOSE

Texas. At the request of hospital officials, Texas CAP delivered antidote from Wink and Odessa, Texas, to Alpine, Texas, for treatment of a patient suffering from a drug overdose.

MISSING MAN

Maryland. Maryland State Police requested CAP assistance in searching for an 85-year-old man missing overnight from his Westminster, Maryland, home. A combined state police-CAP ground team located the man in fair condition six miles from his home.

MERCY FLIGHT

Iowa. At the request of hospital officials, Iowa CAP delivered 28 units of blood from Centerville to Des Moines, Iowa, for use in treatment of two patients suffering from hemophilia.

ELT SIGNAL

New Mexico. The Air Force Rescue Coordination Center asked New Mexico CAP to respond to an ELT signal being heard in the Grant's Pass, New Mexico area. Ground teams composed of New Mexico CAP and the National Emergency Organization located the distress signal on a crashed aircraft with one person on board. The injured pilot was taken to a local hospital.

MISSING HUNTER

Oregon. A 71-year-old hunter was reported missing overnight near Prospect, Oregon, in 10-degree temperatures. Oregon CAP assisted the Jackson County Sheriff and located the man 5 miles northeast of Prospect, suffering from hypothermia.

MERCY MISSION

South Dakota. At the request of the United Blood Service, South Dakota CAP transported urgently needed blood from Rapid City to Madison, South Dakota, for the treatment of a patient suffering post-surgery bleeding.

BLOOD TRANSPORT

Montana. At the request of the American Red Cross, Montana CAP transported blood from Great Falls to Kalispell, Montana, for a woman who suffered blood loss during brain surgery.

STUDENT PILOT

Idaho. A student pilot on a proficiency flight in the Boise area with no flight plan on file was reported overdue. The crashed Cessna 150 was located by Idaho CAP and the injured pilot was transported to a local hospital by the 571st Medical Detachment, Fort Carson, Colorado.



Aviation Day. Louisiana Congresswoman Lindy Boggs cut the ribbon to officially open an Aviation Appreciation Day in New Orleans sponsored by Louisiana's Chennault Cadet Squadron. Cadets Fortune Dugan (left) and Ronnie Barrett of the East Bank Composite Squadron assisted Mrs. Boggs.

TWO SAVED

Alaska. The Air Force Rescue Coordination Center at Elmendorf AFB, Alaska, received numerous reports throughout the evening of 29 March from overflying commercial aircraft alerting them to an aircraft on the ground broadcasting on a distress frequency. Alaska CAP located a light aircraft with damaged landing gear 100 miles west of Anchorage. The two uninjured, but cold and tired, survivors were recovered and taken to Anchorage.



Aircraft Delivery. The 28 September 1984 amendment to the "CAP Supply Bill" authorized the Air Force to expend appropriated funds to purchase aircraft for Civil Air Patrol. Kansas Wing Commander Ralph W. Rissmiller (left) accepted delivery of a new 1985 Cessna Skyhawk from Cessna General Manager Richard Schwebel in Wichita, Kansas, on 7 October. It was the first of CAP's 28-aircraft order that is expected to be delivered to regions and wings before the end of the year.



Exercise Brimfrost. An Alaskan CAP aircrew preflights an aircraft for a mission during exercise "Brimfrost 85." Every two years, a joint military exercise is conducted in the Arctic to test men and material in the subfreezing temperatures. CAP members surveyed airfields, provided coastal surveillance, visual reconnaissance, courier service, passenger transport and photo support. The exercise proved CAP to be as valuable to national defense today as in World War II.



Airport Survey. Members of Virginia's Prince William Composite Squadron conducted a week-long air traffic survey of the Manassas and Woodbridge Airports for the Virginia Department of Aviation. Capt B.T. Marking identifies an aircraft on final approach while Cadet Rocky Dela Pena radios information on a departing aircraft to a central recording station. The Department of Aviation used data collected by CAP as the basis for allocating airport maintenance and development funds.

CIVIL PREPAREDNESS AND DOD SUPPORT

Civil preparedness is an integral part of national security and is an essential element of the U.S. deterrent posture. Accordingly, the Joint Chiefs of Staff are authorized to call upon the military services for resources needed to support civil preparedness. CAP, as the official Air Force auxiliary, can become a valuable resource to the Air Force and DOD in assisting with this mission. CAP has coordinated with the Federal Emergency Management Agency (FEMA), Federal Aviation Administration (FAA), U.S. Readiness Command, U.S. Army, U.S. Navy, Coast Guard, and other DOD agencies to develop plans for supporting civil and military noncombatant requirements. In 1985 CAP provided support for the Amalgam Chief, Global Shield, Brimfrost, and Night Tango exercises. Support can include:

- Search and rescue (SAR) for downed aircrews
- Damage assessment, both visual and photographic
- Airborne radiological monitoring
- Communications: HF and VHF
- Dispersal airfield support
- Courier flights for personnel, small parts and documents
- Continental US Air Reconnaissance for Damage Assessment (CARDA)
- Natural disaster response and support
- Command and control for air and ground movements
- Medical evacuation/transportation
- Target simulation
- Radar and/or communications systems evaluation
- Coastal area surveillance

Civil Air Patrol participated in regional conferences which acquainted civil and military authorities with state and national plans concerning civil and military defense emergencies. CAP has periodically demonstrated its ability to support military requirements by providing backup communications connectivity for different Air Force and DOD agencies, site evaluation for the Continental U.S. Airborne Reconnaissance for Damage Assessment (CAR-DA) System, and aerial transport support in moving critical supplies, classified materials, and key personnel.



Cadet Motivation. CAP Capt Richard Blakeman of Colorado's Arvada Cadet Squadron listens as Cadet Suzanne Terroux reads the preflight checklist prior to her orientation flight in the T-41. The squadron uses orientation flights as a primary incentive in cadet motivation. Capt Blakeman said, "Our success in providing orientation flights has increased the overall level of cadet motivation, retention and participation." (Photo by Robert Ratcliff)

MILITARY TRAINING ROUTE SURVEYS

CAP helps assure the safety of Air Force aircrew members by providing aircraft to survey military low-level flight training routes for hazards and environmental factors. The FAA has established military training routes which allow military pilots to practice low-level bomb, air-drop, and reconnaissance missions. The routes selected enable a realistic yet safe mission to be flown with the least possible environmental impact. The FAA requires an aerial visual survey to be flown below 1,000 feet, once down the center and once along each side. During 1985, 43 training routes were surveyed with CAP support.

AIR FORCE PARTS AND PERSONNEL TRANSPORT

Although a limited activity, CAP's role in transporting aircraft parts, personnel and other acquired items is benefiting both CAP and the Air Force. Many Air Force bases serve as central supply points or have satellite operations at nearby bases. When there is an immediate need for this support, CAP can transport the required items, allowing combat support aircraft to maintain operational status without the delays of scheduled transportation and without wasting

valuable aircrew training time. During 1985, New Hampshire, New York, Maine, North Dakota and South Dakota Wings flew support missions for Air Force bases in their states.

In a support operation similar to this, CAP wings have agreements with Air Force Military Airlift Command (MAC) bases to transport data automation packages to other bases for processing in cases of electrical power outages. This important service has been performed for the Air Force as needed.

DRUG INTERDICTION

The Civil Air Patrol, with the concurrence of the U.S. Air Force, has agreed to support the U.S. Customs Service in a program of air reconnaissance to assist in locating illicit drug traffic along the boundaries of the United States. The CAP will assist Customs in searching for contraband-laden vessels and aircraft attempting to illegally enter the U.S. Once CAP detects suspected smugglers, notification can be made to Customs officers who will act to apprehend. Under no circumstances will CAP be used for hot pursuit or to perform enforcement functions.



Public Service. Cadets Steve Carter (left) and Dexter Hicks of Ohio's Don Gentile Squadron Unit 906 repair erosion damage to a canoe portage on the Great Miami River. They and other members of their unit worked along with members of the Ohio National Guard to assist the Great Miami River Corridor Committee in performing much needed maintenance to the recreation area. (Photo by Terry Wright)

COMMUNICATIONS

During the year, Civil Air Patrol, with its nationwide communications network, provided immediate and direct communications assistance to local, state, federal, and DOD agencies.

To support national security and emergency preparedness requirements as outlined in Executive Order 12472, the National Communications System (NCS) developed and has conducted since January 1984, an ongoing series of exercises entitled "NIGHT TANGO." The exercises evaluate the resourcefulness, adaptability, and responsiveness of Civil Air Patrol, Military Affiliate Radio System (MARS) and amateur communicators when used as alternate communications resources during periods of national crisis. To ensure realism and develop good training techniques, some "NIGHT TANGO" exercises are no-notice while others are carefully preplanned.

Thus far, NCS has conducted 12 "NIGHT TANGO" exercises involving CAP operators from coast to coast and border to border. In each exercise, CAP communicators have performed in a highly professional and extremely effective manner. CAP communicators enjoy a 96% message completion rate and an average message handling time of under 60 minutes for all

"NIGHT TANGO" exercises. These impressive numbers are examples of the "can-do" philosophy of the Civil Air Patrol.

To enhance CAP's mobile communications capability, 32 vans have been outfitted with state-of-the-art high frequency (HF) and very high frequency (VHF) equipment to be used in support of local, state and federal emergencies and exercises. These vans, maintained and operated by CAP communicators, dramatically improve the responsiveness of Civil Air Patrol to disaster relief victims, search and rescue operations, and many other emergency situations.

CAP communicators continued to provide outstanding assistance in search and rescue and national disaster operations by providing a vital fixed communications link between aircraft, ground search teams, and command centers. The CAP nationwide communications network was activated each weekday with initiation of the National Command Net between National Headquarters and CAP regions, thus exercising positive coverage and direct voice contact with the lowest echelons. These operators consistently demonstrated that the CAP radio network can be interfaced with various agencies to provide an effective and cohesive nationwide communications system.



Support Pact. CAP Executive Director, Air Force Col John T. Massingale, Jr., American Red Cross President Richard F. Schubert, and CAP National Commander Brig Gen William B. Cass sign an agreement between the two organizations which expands current mutual support arrangement to include the human tissue and organ transplant program throughout the United States. In addition to its current support of the Red Cross in transporting blood in emergency situations, CAP will also assist in transporting Red Cross personnel to sites where donor tissues are available and, after the tissues are obtained, transporting them to locations where patients are in need of them. (Photo courtesy of American Red Cross)



Mercy Mission. Eleven-Month-old Corey Hatcher was cared for by RN Linda Mount and his mother (background) during flight from Montgomery, Alabama to the University of Texas Health Science Center at San Antonio, Texas. Corey was born with a narrowed windpipe that had become completely blocked by scar tissue following unsuccessful corrective surgery. Surgical insertion of a tracheostomy tube allowed him to breathe but placed him in constant danger should the tube col-

lapse. Corey needed special surgery that was available only at the San Antonio facility. Col John McCormack and Capt James Findley of the CAP Louisiana Wing learned of the need and flew from Louisiana to Montgomery and completed the mission to San Antonio. Following surgery, Corey's doctors were optimistic that he would learn to talk and lead a normal life. (Photo by Rand McNatt)



Mutual Support. During 1985, Civil Air Patrol and the American National Red Cross further strengthened the long standing mutual support relationship between the two humanitarian organizations. While continuing to support the Red Cross by transporting human blood in emergency situations and cooperating in disaster relief operations, the two organiza-

tions joined in a national agreement whereby CAP will support the Red Cross in its program for obtaining human tissues for transplantation to patients across the nation. CAP will transport Red Cross technicians to sites where donor tissues are available and then transport the tissues to central distribution centers. (Photo by Rand McNatt)



The Senator Jennings Randolph Civil Air Patrol National Soaring School was conducted at Central Missouri State University, Warrensburg, Missouri in July. The new cadet special activity, named in honor of the retired West Virginia Senator and long time CAP supporter, was attended by two cadets from

each of the eight CAP regions. Cadets attended ground school at the University and made daily sailplane flights from nearby Skyhaven Airport. Plans are under consideration to make the national soaring school an annual event. (Photos by Rand McNatt)





Cadet Firstclass Ian R. Dickinson was an honor graduate in the Air Force Academy Class of 1985. The former CAP cadet member of Nevada's Thunderbird Cadet Squadron ranked highest in order of merit of all former CAP cadets in his class and earned the privilege of having his name inscribed on the CAP 25 Year Honor Roll scroll that hangs in the lobby of Arnold Hall. Ian was presented his personal honor roll award by Brig

Gen Marcus A. Anderson (right), Academy Commandant of Cadets. Col Howard J. Rice, CAP-USAF Rocky Mountain Liaison Region Commander, also participated in the ceremony. Upon graduation Dickinson entered Harvard's John F. Kennedy School of Government under a two-year scholarship where he will study for a master's degree in public policy. (Photo by Bill Madsen)

The Civil Air Patrol National Cadet Competition held at Maxwell AFB Alabama in December 1984 resulted in top honors going to the 16-member team from the Bronx Group of the New York Wing representing the CAP Northeast Region. In April 1985, the team visited the Pentagon and was presented the Air Force Chief of Staff Sweepstakes Trophy by General Charles A. Gabriel, Air Force Chief of Staff. Cadet Juan Vargas holds the Bronx Group guidon while General Gabriel attaches a CAP Unit Citation Award Streamer.



☆☆☆☆☆☆☆☆

CIVIL AIR PATROL NATIONAL BOARD MEMBERS

(As of 31 December 1985)



NATIONAL COMMANDER
Brig Gen William B. Cass
CAP



NATIONAL VICE COMMANDER
Col Eugene E. Harwell
CAP



EXECUTIVE DIRECTOR
Col John T. Massingale, Jr.
USAF



COMMANDER
NORTHEAST REGION
*Col Edgar M. Bailey
(Rhode Island)



COMMANDER
MIDDLE EAST REGION
Col David Ellsworth
(North Carolina)



COMMANDER
GREAT LAKES REGION
Col Russell Sheibels
(Michigan)



COMMANDER
SOUTHEAST REGION
Col William C. Tallent
(Tennessee)



COMMANDER
NORTH CENTRAL REGION
Col Donald A. Sumner
(Minnesota)



COMMANDER
SOUTHWEST REGION
Col George R. Way
(Texas)



COMMANDER
ROCKY MOUNTAIN REGION
Col Virginia E. Smith
(Utah)



COMMANDER
PACIFIC REGION
Col Warren G. Barry
(California)

*Also serves as Chief of Staff

NATIONAL FINANCE OFFICER
Col Robert G. Rubens
CAP



NATIONAL LEGAL OFFICER
Col Maurice E. Cook
CAP



**WING
COMMANDERS**

MIDDLE EAST REGION

DELAWARE

Col Larry D. Tasker

MARYLAND

Col Kenneth R. Welk

NATIONAL CAPITAL

Col Ronald A. Quander

NORTH CAROLINA

Col Joyce Brookshire

SOUTH CAROLINA

Col William E. Hobson

VIRGINIA

Col Herman H. Maddox

WEST VIRGINIA

Col John P. Ratcliff

NORTHEAST REGION

CONNECTICUT

Col Howard E. Palmer

MAINE

Col David J. Braun

MASSACHUSETTS

Col David R. Gardner

NEW HAMPSHIRE

Col George G. Heald

NEW JERSEY

Col George S. Bochenek

NEW YORK

Col Roy I. Arroll

PENNSYLVANIA

Col A. A. Milano

RHODE ISLAND

Col Raymond G. Berger

VERMONT

Col William D. Eikner

GREAT LAKES REGION

ILLINOIS

Col Mel S. Kristmann

INDIANA

Col George W. Young

KENTUCKY

Col George M. Hudson

MICHIGAN

Col Stephen Rudowski

OHIO

Col Loren G. Gillespie

WISCONSIN

Col Raymond A. Noonan

SOUTHEAST REGION

ALABAMA

Col Robert M. Dorning

FLORIDA

Col Samuel Spieker, Jr.

GEORGIA

Col Ralph E. Grady

MISSISSIPPI

Col William Thomas

PUERTO RICO

Col John J. Gonzalez

TENNESSEE

Col Charles R. Barksdale

NORTH CENTRAL REGION

IOWA

LTC Phyllis A. Dolan

KANSAS

Col Ralph Rissmiller, Jr.

MINNESOTA

Col Lionel Bourquin

MISSOURI

Col Gerald Holliday

NEBRASKA

LTC Richard L. Anderson

NORTH DAKOTA

Col Paul E. Eide

SOUTH DAKOTA

LTC Jerry A. Hayden

SOUTHWEST REGION

ARIZONA

Col Dalton O. Smith

ARKANSAS

Col Maxine E. Biggers

LOUISIANA

Col John S. McCormack

NEW MEXICO

LTC Larry A. Harrah

OKLAHOMA

Col Fred L. Latchaw

TEXAS

Col Robert C. Bess

ROCKY MOUNTAIN REGION

COLORADO

Col Harry E. Kouts

IDAHO

Col Craig L. Mickelson

MONTANA

Col William W. Hewitt

UTAH

Col John W. Barainca

WYOMING

Col Jack Prince

PACIFIC REGION

ALASKA

Col Russell J. Anderson

CALIFORNIA

Col Donald M. Biondich

HAWAII

Col John A. Parrish

NEVADA

Col Bradford L. Sharp

OREGON

Col Earl G. Smith

WASHINGTON

Col Theodore A. Tax

The National Board is the principal governing body of the Civil Air Patrol. The Board is comprised of the National Commander, Executive Director (also Commander, CAP-USAF), National Vice Commander, Chief of Staff, National Finance Officer, National Legal Officer and the eight Region and 52 Wing Commanders. The Board meets at least once annually at the call of the National Commander who presides as Chairman.

The National Executive Committee (NEC) is the governing body when the National Board is not in session. The NEC meets at least twice annually and is comprised of all National Board members except the 52 Wing Commanders. NEC members are shown in photos on these pages and wing commanders are listed under their respective regions.

In addition to the above, the Civil Air Patrol structure includes three other corporate officers who are not members of the governing bodies. The National Administrator, Brig Gen Carl S. Miller, USAF (Ret), and the Legal Counsel, Col Thomas A. Handley, CAP, are full-time CAP employees who perform duties as assigned by the National Executive Committee and National Commander. Col Joseph J. Hannan, CAP, serves in the elected position of National Controller and is also a full-time CAP employee in the position of National Financial Administrator,



The 21st annual "Blue Beret" encampment was conducted at Volk Field, Camp Douglas, Wisconsin and Wittman Field, Oshkosh, Wisconsin in July for 200 CAP cadet and senior members. The two-week program has been conducted for the past 20 years as a regional activity, but due to its popularity was converted to a national CAP special activity in 1985. The first week of the program at Volk Field consisted of training in survival, ground search, communication, flightline operations,

and air traffic direction and control. During the second week at Oshkosh, Blue Beret personnel supported the Experimental Aircraft Association Convention and Airshow by assisting with crowd control and flightline parking. Above, cadets assist with crowd control as the British Airways *Concorde* is taxied into position for static display. Below, cadets practice first aid during survival training class.





The 1985 CAP Air Training Command Familiarization Course was hosted by ATC at three undergraduate pilot and navigator training bases. The bases were Columbus AFB, Mississippi; Laughlin AFB, Texas; and Mather AFB, California. The 86 enthusiastic CAP cadets attending the week-long activity were introduced to all aspects of the flight training program to

stimulate their interest in Air Force career opportunities. Above, Cadet John Bunnell closely observed as Instructor Pilot 2nd Lt Kim Crum performed pre-flight checks prior to Bunnell's orientation flight in a T-37 jet trainer at Columbus AFB. Below, a T-37 crew chief stands by to assist in pre-flight preparation. (Photos by Rand McNatt)



Cadet Brothers. Air Force Academy Cadets Van A. Wimmer (left) and Jeffrey T. Wimmer are recipients of flight scholarships presented annually by the prestigious Order of Daedalions. The brothers were members of Virginia's Roanoke Composite Squadron when Van won the \$1,000 scholarship grant in 1984 and Jeff was the 1985 recipient. The Order of Daedalions, a multi-service organization of military pilots, supports CAP activities at local and national levels through financial contributions. Both cadets plan to go into jet pilot training following their graduation from the Academy and look forward to careers as professional flying officers in the U.S. Air Force. (Photo by Bill Madsen)



T-38 "Talon." The CAP Air Training Command Familiarization Course was conducted at three ATC undergraduate pilot and navigator training bases for 85 CAP cadets during 1985. The course provided cadets a close-up look at all phases of the intensive Air Force flight training program to make them more

aware of career opportunities in the Air Force. Above, Air Force Sgt Danny Marsh of the 47th Organizational Maintenance Squadron at Laughlin AFB, Texas explains his responsibilities in the maintenance of the T-38 "Talon" jet trainer. (Photo by Richard Covington)

SENIOR MEMBER TRAINING

The three missions of Civil Air Patrol attract a diverse group of members with varied education and skill levels dictating the necessity of having a comprehensive and standardized training program. Not only must members be trained to work with cadets and in the specialties required for the more exciting search and rescue mission, they must also be trained to do the routine day-to-day activities in areas such as administration, personnel, logistics, finance, etc., which are fundamental to any successful organization.

The objective of the Senior Member Training program is to identify training needs and develop programs which enable senior members to support Civil Air Patrol more effectively. Because of the voluntary nature of the organization, senior member training is, by necessity, an on-going process and is organized into five levels.

Level I. CAP Orientation Course (Membership Award)

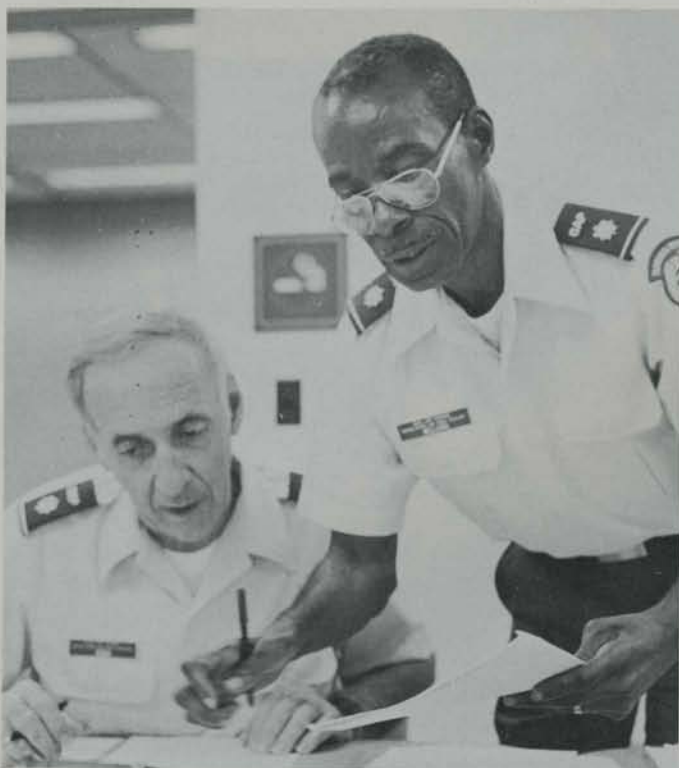
The Level I CAP Orientation Course is presented in two parts. The first part provides basic information on the history and organization of CAP, career development programs, activities, CAP customs and courtesies, proper wear of the CAP uniform, and basic principles of leadership and management. This is accomplished through self-study using a kit of materials known as the Senior Member Handbook. The second segment of the course is a newly revised slide/tape presentation which reinforces the basic instruction areas.



Senior Award. Lt Col Ronnie Harmon of the West Virginia Wing was presented the Senior Member of the Year Award from Brig Gen William B. Cass during the CAP National Board Meeting in New Orleans. Harmon also received the Air Force Association Outstanding Senior Member of the Year Award at the board meeting.



Commander School. CAP National Administrator Carl S. Miller (standing) and CAP Executive Director, USAF, Col. John T. Massingale, Jr. (to Miller's right) welcome the first class of 15 CAP wing commanders attending the new Commander's Course conducted at CAP National Headquarters on 14-16 March. The course was highly rated by the attendees and considered to be very beneficial, especially to newly-appointed commanders at region and wing levels. (Photo by Rand McNatt)



National College. Lt Col's Eugene Equi (left) and Wilbert Williams cooperate in preparing a staff summary project during the CAP National Staff College held at Maxwell AFB, Alabama. Seventy-six CAP senior members graduated from the 7-day advanced leadership and management training course. Air University's Professional Military Education schools provided outstanding support to the staff college through use of their facilities and faculties. (Photo by Rand McNatt)

Level II. Technical Specialty Training and Officer Development (Senior Member Certificate of Proficiency)

At this level the senior members begin to train in one or more of the CAP specialties and learn to perform unit functions. Study guides are provided and the trainee is encouraged to study CAP directives pertaining to the selected specialty. Often, new members train under an experienced member in an on-the-job training situation.

CAP Squadron Leadership Schools are conducted locally to augment training in Level II specialties and to further enhance training in leadership and management. In these weekend schools, members are provided a working knowledge in the various specialties, and are given in-depth instruction in the specialty of their choice. Members also learn to handle certain CAP-unique leadership and counseling situations as well as receive instructions on planning unit meetings and activities. Perhaps as important as the course itself is the opportunity for members from the same geographical area to get to know each other and subsequently, work as a team in developing and conducting activities.

In addition to the CAP-conducted training, senior members also complete a comprehensive CAP Officer Course administered by the U.S. Air Force Extension Course Institute (ECI) at Gunter Air Force Station AL.

Level III. Command and Staff (Grover Loening Aerospace Award)

Central to Level III training is the Corporate Learning Course. Training is conducted over a weekend and concentrates on specified CAP regulations, manuals, and pamphlets. It is designed to provide senior members with the practical knowledge necessary for squadron management. Additionally, to complete Level III training, members must hold a command or staff position for one year, advance to senior level in the specialty area begun in Level II, and participate in CAP activities above the squadron level.

Level IV. Command and Staff (Paul E. Garber Award)

The training program for this level is designed to prepare senior members for high levels of leadership in CAP. Members are expected to represent CAP in their communities by making presentations before local civic groups, church groups, governmental agencies, etc. Members must also attend a 1-week staff college normally conducted annually in each of the eight CAP regions. The college provides training in communicative, leadership, and management skills for squadron level commanders staff officers. More than 300 senior members graduated from region staff colleges in 1985. Additionally, members must take a more active role in CAP national, regional, and wing events and continue their service in a command or staff position.



Best Wing. The Civil Air Patrol Management Analysis Program (CAP-MAP) identifies the top performing wing in each of the eight regions as one of the "Top 8 of the 80's" and the top scorer among them is selected as "Number One in The Nation." Oklahoma was the best wing in the Southwest Region and "Number One in The Nation" in 1984. In a special awards ceremony during the CAP National Board Meeting CAP Executive Director Col John T. Massingale, Jr., (right) presented the CAP-MAP "Top 8 of The 80's" and "Number One in The Nation" award to current Oklahoma Wing Commander Col Fred C. Latchaw who served during the latter part of 1984 and CAP National Commander William B. Cass presented the Wing Commander of the Year Award to former Oklahoma Wing Commander Col Lester V. Wilson who served during the first part of the year.

Level V. Executive (Gill Robb Wilson Award)

Only the most dedicated senior members will attain this level training. They are required to assume much more responsibility for CAP activities. They are required to serve as staff members in CAP training programs and must continue to serve in a command or staff position for three years. The academic requirement for this level is completion of the 7-day CAP National Staff College (NSC) conducted annually at Maxwell AFB AL. This college provides advanced leadership and management training, an insight into international affairs, and a higher awareness of CAP policies on a national level. The NSC makes extensive use of the facilities and faculties of the USAF Air University Professional Military Education schools. Both graduate and undergraduate academic credit are available for college that graduated 76 senior members in 1985.

Specialized Mission Training

CAP senior members participate in numerous community level specialized training programs such as those conducted by the Red Cross and local civil defense agencies and national programs such as:

- **Extension Course Institute. (ECI).** ECI is the correspondence school of the Air Force and is open to CAP members without charge. CAP members find ECI courses in general military training and certain specialized fields, such as communications, especially beneficial. CAP-unique courses are also developed and administered by ECI to augment training in the Level II specialties.



Senator Honored. Civil Air Patrol National Commander Brig Gen William B. Cass announced that a recently established CAP national soaring school was named in honor of retired Senator Jennings Randolph of West Virginia. Senator Randolph has been a long-standing supporter of Civil Air Patrol and was a sponsor of legislation that chartered CAP as a nonprofit volunteer corporation in 1946 and granted it status as the civilian auxiliary of the Air Force in 1948. (Photo by William H. Thomas)



Problem Solving. Attendees at the CAP National Staff College at Maxwell AFB, Alabama, received a challenging workout at the Air Force Squadron Officers School "Project X." Obstacle course-like tasks provided members valuable lessons in problem solving, leadership and teamwork. (Photo by Rand McNatt)



CAP Story. Florida Wing Commander Col Sam Spieker is introduced by host Tom Amontree during interview on TV Channel 40 in Sarasota. Such opportunities to tell the "CAP Story" to the public are vital to gaining community support and maintaining good public relations. (Photo by Ron Gilbert)

- **National Search and Rescue (SAR) School.** The National SAR School is designed to enhance the professionalism of SAR mission coordinators. In 1985, 25 CAP members attended the 1-week course conducted by the USAF and USCG at Governor's Island, New York, and an additional 30 CAP mission coordinators attended a school at Maxwell AFB, Alabama.

- **Communications Training.** Communications schools are conducted annually by the CAP Northeast Region at Kutztown State College, Kutztown, Pennsylvania, and by the Great Lakes Region at Rickenbacker AFB, Columbus, Ohio. The schools are open to both senior and cadet members and provide training in communications procedures and techniques that qualify attendees for CAP communications officer positions in their CAP unit of assignment.



Safety Citation. Southeast Region Commander Col William C. Tallent accepted the Air University Commander's Safety Award on behalf of his region from Executive Director Col John T. Massingale, Jr. (right) and National Commander Brig Gen William B. Cass during the annual CAP National Board Meeting.

- **Commander's Course.** The initial class of an annual orientation course for new wing commanders was conducted at National Headquarters, CAP, Maxwell AFB AL, in March 1985. This 3-day course was designed and conducted by CAP-USAF personnel as an inhouse program to present current issues/programs and address specific needs of commanders. Fifteen newly appointed wing commanders attended this course.



Wing Historian. Oregon Wing Historian Maj Helenmerie Walker presented a copy of her 1984 Oregon Wing History and other CAP historical documents to Oregon Historical Society Curator Louis Flannery. Maj Walker was honored as the CAP Wing Historian of the Year during the CAP National Board Meeting held in New Orleans in October.

- **Flight Clinics.** Civil Air Patrol promotes flight safety by defraying part of the expense for CAP pilots who attend a flight clinic sponsored by the CAP and sometimes in association with the Federal Aviation Administration, Aircraft Owners and Pilots Association or other flight safety organizations. The clinics include ground instruction in essential subjects such as flying safety, FAA regulations, emergency procedures, flight planning, and aviation weather. Participants also demonstrate safe aircraft piloting skills to an FAA-certified flight instructor or a qualified CAP check pilot.

- **Mission Training Exercises.** CAP wings conduct emergency services training and upgrading programs to improve both the skills of individual members and the effectiveness of the organization as a team. Each wing also conducts annual disaster relief and search and rescue test exercises which are monitored by Air Force evaluators. The tests are used to determine the effectiveness of wing training programs and wing capability to respond and satisfactorily execute any mission it may be called upon to perform. An important side benefit of the test is training gained through the opportunity provided to practice mission skills under realistic conditions.

CAP CHAPLAINCY

The CAP chaplaincy, with over 1,000 men and women representing 125 religious denominations serving as CAP chaplains, is one of the largest volunteer chaplaincy programs in the world. These volunteer clergy from the civilian sector play a specialized role in the religious life, morale, and morals of Civil Air Patrol's cadet and senior members. Each chaplain is screened for professional competence and then must receive ecclesiastical endorsement from his or her denomination. In addition, each is required to be ordained, have completed four years of college and three years of seminary or its equivalent in professional experience. The CAP chaplain force is further augmented by some 250 visiting clergy (not members of Civil Air Patrol) who conduct the cadet moral leadership training program in squadrons that are without a duly appointed chaplain.

In addition to performing a specialized and vital role as personal counselor/chaplain to each CAP member and providing a chaplain ministry and presence in search and rescue missions, encampments, and memorial and patriotic observances, one of the most crucial areas of ministry for CAP chaplains is conducting the moral leadership program for Civil Air Patrol cadets. The ultimate goal of the moral leadership program is to equip America's youth and, hopefully, future leaders with a deep sensitivity and strong commitment to moral, spiritual, and patriotic values. The Civil Air Patrol Chaplaincy "writing team" continued work on updating these moral leadership sessions with new material. Two new series, one on organ transplantation and one on contemporary issues, were due to be published in early 1986. These pamphlets, titled "Values for Living," contain topics relevant to today's problems and offer guidance to individuals in selecting a good set of values for daily living. During the training sessions, the cadets become involved in raising moral issues, looking at inconsistencies, and avoiding forced or preconceived values. By encouraging cadet participation in moral leadership discussions, the CAP chaplain helps prepare the young cadet mentally and morally to face the world of tomorrow.



Interfaith Service. An interfaith worship service was the first activity on the agenda at the annual meeting of the Civil Air Patrol National Board in New Orleans on 4-5 October. The Most Reverend William Hannan (center), Archbishop of New Orleans was joined by four Civil Air Patrol chaplains in conducting the service. From left: Chaplains Robert J. Ratchford, Louisiana Wing; William R. Smalley, New Jersey Wing; Francis J. Crowley, Northeast Region; and John A. McClure, Great Lakes Region.

1985 HIGHLIGHTS

The Casaday-Elmore Ministerial Grant of \$500.00 was awarded to Cadet Jeffery Wadley, CAP, of the Sevier County Composite Squadron, Tennessee Wing, for use toward an education in a ministry-related field.

Chaplain, Lt Col, John A. McClure, CAP, the Great Lakes Region Chaplain, received the CAP Chaplain of the Year Award.

Chaplain, Maj, Eugene T. Ouzts, CAP, of the Screaming Eagles Composite Squadron of the Arizona Wing received the Thomas C. Casaday Unit Chaplain of the Year Award.

Principal speaker at the Civil Air Patrol National Chaplain meeting in New Orleans, Louisiana, was Chaplain, Brig. Gen., Simeon Kobrinetz, USAFR, Chief of Chaplains Office, USAF.

Civil Air Patrol Cadets participated in a USAF-sponsored Christian Encounter Conference at Bonclarken Retreat Center, Flat Rock, North Carolina; Mo Ranch, Texas; and Black Hills State College, Spearfish, South Dakota.

Writing Team. The Civil Air Patrol Chaplaincy Writing Team met at the CAP National Headquarters in July to develop materials for use in the CAP Moral Leadership Program. Civil Air Patrol Chief of Chaplains Frank H. Ebner (right) provides guidance to Air Force Reserve chaplains (from left) Roch A. T. Coogan, Walter R. Strobel, Allen S. Bolinger and Donald P. Wisse. (Photo by Rand McNatt)



SUPPORT FOR CIVIL AIR PATROL

Congressional Support

The basic congressional support for Civil Air Patrol was provided under Public Law 557 (Section 9441, Title 10 USC), passed on 26 May 1948. The act, also known as the CAP Supply Bill, was amended on 27 May 1954 and again on 8 September 1980. The statute did the following:

a. Established Civil Air Patrol as an official civilian auxiliary of the Air Force and further clarified it for the purpose of determining civil liability as an instrumentality of the United States Government while performing Air Force-assigned missions.

b. Authorized the Secretary of the Air Force to assist Civil Air Patrol in the fulfillment of its objectives. The Secretary of the Air Force, with approval of the Secretary of Defense, was authorized to give, lend or sell to Civil Air Patrol without regard to the Federal Property and Administrative Services Act of 1949:

(1) Major items of equipment including aircraft, motor vehicles, and communications equipment.

(2) Necessary related supplies and training aids that are excess to the military departments. The statute also permitted the use of services and facilities of the Air Force as the Secretary of the Air Force considers to be needed by CAP to carry out its mission.

c. Authorized reimbursement for petroleum, oil and lubricants used on Air Force-assigned missions including unit capability testing missions and training exercises.

d. Authorized establishment of liaison officers at national, regional, state, and territorial levels of CAP and detail of any officer or employee of the Department of the Air Force to any of the liaison offices, or to any unit or installation of CAP to assist in the CAP training program.



Ohio Award. Cadet Kenneth E. Wurtzler was presented the General Carl A. Spaatz Award by Congressman Willis Gradis. Kenneth is a member of Ohio's Blue Ash Composite Squadron and is a senior at the University of Michigan where he studies aerospace engineering. (Photo by Martin Gibbons)



Highest Achievement. Cadet Mark Moran of the National Capital Wing Potomac Cadet Squadron received the General Carl A. Spaatz award from Senator John Warner of Virginia. Moran has since entered the CAP Senior Program and is studying aerospace engineering at the University of Virginia.

e. Authorized payment of aircraft maintenance expenses relating to operational missions, unit capability testing missions, and training missions.

On 28 September 1984, Congress further amended the CAP Supply Bill authorizing the Air Force to expand its support for Civil Air Patrol by:

a. Using appropriated funds to purchase light aircraft, vehicles, communications equipment and other mission-related equipment.

b. Using appropriated funds to renovate DOD excess aircraft and other mission equipment.

c. Using appropriated funds for cadet uniforms.

d. Authorizing the Air Force to arrange for the use of other federal agencies' services and facilities with the consent of those agencies.



Guest Speaker. U.S. Representative Lindy Boggs of Louisiana is presented a token of appreciation for her support by CAP National Commander William B. Cass. Mrs. Boggs, a member of the CAP Congressional Squadron, was the keynote speaker at the closing banquet of the CAP National Board meeting held in New Orleans in October.



Pentagon Visit. The New York Bronx Group cadet members of the winning team at the 1984 National Cadet Competition were honored during an April 1985 visit to Washington, D.C. Deputy Assistant Secretary of the Air Force for Reserve Affairs Dennis M. Kenneally (center) escorted the team on a tour of the Pentagon.

Air Force Liaison Support

The Secretary of the Air Force is authorized by Public Law 557 to provide certain support to Civil Air Patrol. Included is the establishment and manning of Air Force liaison offices at national, state, and territorial headquarters of Civil Air Patrol.

The Air Force liaison structure and Civil Air Patrol come together at the Headquarters CAP-USAF/National Headquarters Civil Air Patrol level. The bridge between the Air Force and CAP exists in the person of the CAP-USAF Commander, Colonel John T. Massingale, Jr., USAF. As the senior officer in the CAP-USAF liaison structure, he performs duties in a dual status.

As an active-duty Air Force officer, Colonel Massingale directs USAF support of Civil Air Patrol and commands all Air Force personnel assigned to Headquarters CAP-USAF and the 8 region and 52 wing liaison officers.

As a private citizen, he acts as the Executive Director of Civil Air Patrol Corporation and is charged under the CAP Constitution and Bylaws with responsibility to manage the day-to-day activities of the corporation. He is also a voting member of the CAP National Board and National Executive Committee. The Air Force staff assigned to Headquarters CAP-USAF supports Colonel Massingale in both functions.

In each of the 8 USAF-CAP liaison regions, (which correspond to the 8 CAP regions that geographically divide the 50 states, Puerto Rico, and the District of Columbia) an Air Force colonel commands a small Air Force staff in the region office and an officer and noncommissioned officer in each of the USAF-CAP wing liaison offices under his jurisdiction.

USAF-CAP and field liaison personnel serve as implementing agents for policies established by the Commander, CAP-USAF; as field advisors to assist CAP commanders in mission performance; and as liaison control between CAP and federal government resources where facilities, services, equipment, or funds are involved.

Within the Air Force command structure, Headquarters CAP-USAF comes under Air University, commanded by Lieutenant General Thomas C. Richards, USAF.

Air Force Reserve Support.

Reserve personnel functioning through the CAP Reserve Assistance Program serve as an extension of the CAP-USAF liaison mission. They provide advice and assistance in the conduct of CAP programs during inactive duty training and on a limited number of temporary active duty tours.

Approximately 400 Air Force Reservists assigned to the program work primarily at CAP squadron and wing or state level. They assist CAP commanders in administration and leadership; serve as flight and search and rescue evaluators; teach aerospace education courses to both CAP cadet and senior members and serve as staff officers and advisors at summer encampments, flight clinics and leadership workshops.

In fiscal year 1985, USAF Reservists provided 5,946 mandays in support of CAP. Reservists also spent 55,444 hours of nonpaid, or points-only, advice and assistance time.

Nonpaid activities included teaching at squadron and wing level; public affairs assistance in media relations and internal communications; and presenting programs to schools, civic groups and other interested organizations.

Reservists used paid mandays to support CAP's cadet officer school, national staff college, international air cadet exchange, summer encampments and various search and rescue civil defense activities.

Reservists help CAP members develop recruiting and retention programs; formulate operations, emergency and communications training plans, and assist both CAP and active-duty USAF-CAP liaison personnel in evaluating and inspecting various elements of the CAP program.

The Reserve Assistance Program military structure parallels the active-duty USAF-CAP liaison organization within the 52 CAP wings and 8 CAP regions.



Liaison Support. CAP Michigan Wing Logistics Officer Capt William Huggins presented Air Force TSgt Jose Hernandez a plaque in appreciation of his support of CAP during his 3-year assignment to the Michigan Wing Air Force Liaison Office. An officer and a noncommissioned officer provide liaison advice and assistance to CAP in each of the 50 CAP wings. (Photo by David Mintz)

STATE SUPPORT

Forty-three states and the commonwealth of Puerto Rico provided appropriated funds to assist in the operation of their respective Civil Air Patrol wings during fiscal year 1986. A total of \$2,793,155 was provided. This greatly needed and appreciated support will enable Civil Air Patrol to continue and expand its public service missions.

WING	AMOUNT	WING	AMOUNT	WING	AMOUNT	WING	AMOUNT
Alabama	\$ 80,000	Illinois	\$151,000	New Hampshire	\$ 75,566	Rhode Island	\$ 10,500
Alaska	504,800	Kentucky	15,000	New Jersey	7,500	South Carolina	87,258
Arizona	79,800	Louisiana	60,000	New Mexico	84,200	South Dakota	29,109
Arkansas	54,320	Maine	5,000	New York	50,000	Tennessee	59,160
California	108,000	Maryland	30,000	North Carolina	86,054	Texas	16,600
Colorado	96,377	Massachusetts	118,000	North Dakota	55,515	Utah	50,000
Connecticut	20,000	Minnesota	45,000	Ohio	2,000	Vermont	7,000
Delaware	7,000	Mississippi	20,000	Oklahoma	24,101	Virginia	53,600
Florida	47,750	Missouri	7,695	Oregon	10,000	Washington	11,250
Georgia	40,000	Nebraska	15,000	Pennsylvania	300,000	West Virginia	89,000
Hawaii	100,000	Nevada	30,000	Puerto Rico	30,000	Wyoming	20,000

TEN YEARS IN REVIEW

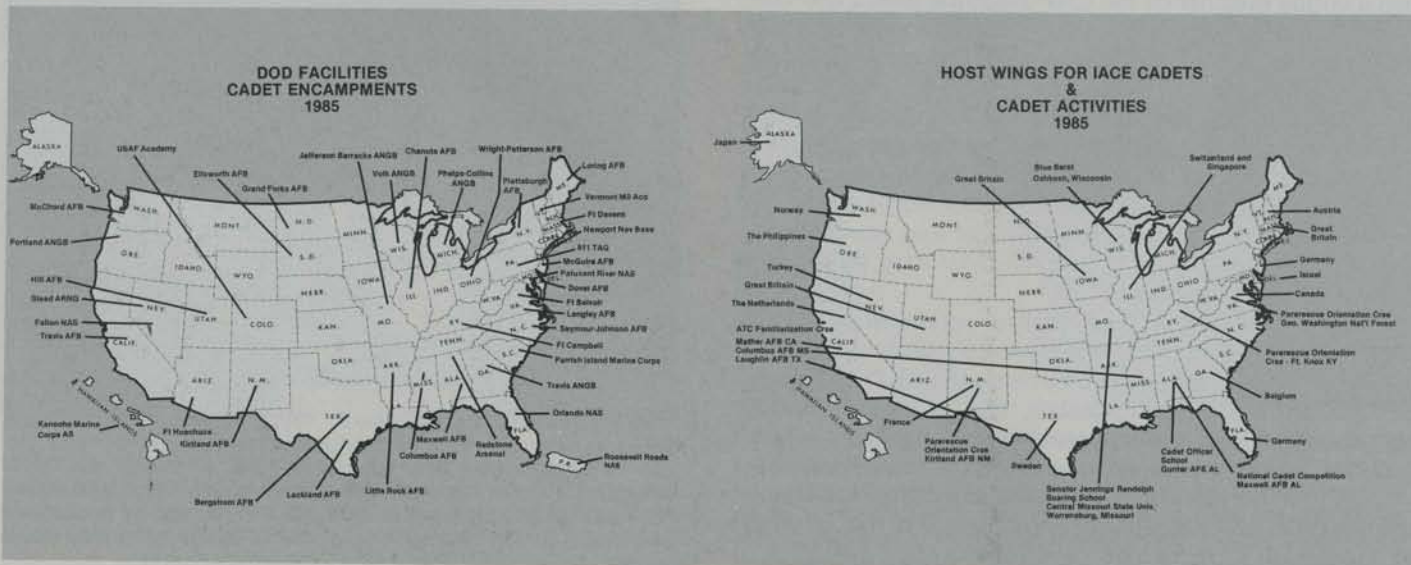
Year	No. Wings	Amount	Year	No. Wings	Amount
1976	33	\$1,391,494	1981	42	\$2,537,027
1977	34	1,391,013	1982	42	2,622,223
1978	35	1,652,198	1983	39	2,461,246
1979	38	1,823,572	1984	44	2,768,215
1980	39	2,200,623	1985	44	2,793,155

DOD EXCESS PROPERTY

Civil Air Patrol is authorized by Public Law 557 to acquire equipment and supplies that are excess to the needs of DOD. Property acquired during 1985 included aircraft, vehicles, communications equipment, office equipment and other property with an original cost to DOD of \$6,648,035.95. Restoration of aircraft to a safe operating condition and modification of aircraft to meet FAA airworthiness standards require the expenditure of the limited funds of the Civil Air Patrol Corporation. DOD agencies identified 7 excess aircraft for transfer to CAP during 1985 as compared to seven in 1984.

CAP SUPPLY DEPOT

CAP operates a supply depot in Amarillo, Texas, to obtain, store and ship aircraft parts to individual wings. All transportation and handling charges are paid by the users of this service. Spare parts are provided for the 566 CAP corporate-owned aircraft, consisting of 38 different makes and models. Parts for the DOD excess aircraft are usually unavailable to CAP members for use on privately-owned aircraft, but the depot does sell vendor-acquired spares to individual CAP members for use on their own aircraft.



ASSOCIATION WITH OTHER ORGANIZATIONS

The success of most volunteer organizations is achieved through the dedication of its members who contribute their time, talents and resources in support of a worthwhile cause. Various organizations also join together in support of common objectives. Civil Air Patrol is associated with other organizations, locally, nationally, and internationally, in areas of mutual interest.

Order of Daedalians. Civil Air Patrol is consistently supported by this multiservice fraternal organization of military pilots through financial contributions for local squadron activities and solo and private pilot scholarships on both the local and national levels. National recipients of \$1,000 scholarships in 1985 were cadets David E. Chinick of the Washington Wing, Dawn M. Watson of the Georgia Wing, and Jeffrey T. Wimmer of the Virginia Wing. The scholarships were used for ground and flight training toward FAA private pilot certificates.

National Association for Search and Rescue (NASAR). NASAR is a national, nonprofit association that promotes and supports search and rescue and provides a public forum for cooperation between state, federal, local and volunteer search and rescue groups. CAP Col James Bigelow of the California Wing represents Civil Air Patrol on the NASAR Board of Directors.

Air Cadet League of Canada (ACLC). The Air Cadet League of Canada initiated the International Air Cadet Exchange (IACE) in cooperation with the Air Training Corps of Great Britain. Civil Air Patrol has participated in the program since 1948 and through the years has developed a close association with the ACLC as well as good working relationships with similar organizations in many countries.

Boy Scouts of America. Civil Air Patrol and the National Aviation Exploring Committee of the Boy Scouts of America cooperate under a 1982 agreement to encourage dual membership in both the Civil Air Patrol and Aviation Exploring with CAP as the chartered partner. This mutual association has expanded the resources of both organizations and provided an improved program for youth. The association now consists of 134 dual-chartered units and 1,800 dual members.

Federal Communications Commission (FCC). The FCC continued to be extremely helpful in providing guidance on its rules and regulations and in assisting CAP in its efforts to improve its communications program. Mr. Robert McNamara of the FCC Rules Division and Mr. Marcus Stevens of the FCC Licensing Division have assisted by providing technical and administrative guidance.



Daedalians Scholarships. CAP Cadet Robert O. Kirkland from the New York Wing and currently a cadet at the U.S. Military Academy was presented an Order of Daedalians Flight Scholarship by Lt Col Donald G. Saddler, Air Force Liaison Officer at the U.S. Military Academy. The Order of Daedalians, a multiservice organization of military pilots, supports CAP through financial contributions for squadron activities and solo and private pilot scholarships at both local and national levels. The organization annually awards three \$1,000 pilot training scholarships to provide CAP cadets with ground and air training for an FAA private pilot license.



AFA Award. The Air Force Association Outstanding Civil Air Patrol Cadet of the Year Award was presented to CAP Cadet Erik C. Nielsen of Alabama's Gadsden Composite Squadron during the AFA National Convention in Washington D.C. during September. Col Eugene E. Harwell (left), CAP National Vice Commander and Air Force Col Charles E. Gries, USAF-CAP Middle East Liaison Region Commander represented Civil Air Patrol and HQ CAP-USA at the convention. Cadet Nielsen is currently an engineering major at Auburn University on an Air Force ROTC scholarship.

United States Coast Guard Auxiliary (USCG). The USCG Auxiliary is a national, voluntary, nonprofit organization dedicated to promoting safe boating and assisting the United States Coast Guard. In August, Civil Air Patrol and the USCG Auxiliary joined in an agreement which will enhance each organization's common goal of saving human lives. Under the agreement, the two organizations will assist and train with each other on search and rescue and disaster relief exercises and cooperate in actual search and rescue missions in accordance with the National Search and Rescue Plan and Coast Guard and Civil Air Patrol regulations.



Congress Participants. CAP National Commander Brig Gen William B. Cass (left) and FAA Administrator Donald Engen were participants in the 18th National Congress on Aviation and Space Education in Las Vegas. FAA, along with NASA, CAP and the National Air and Space Museum, was cosponsor of the event. (Photo by Bill Odom)

Air Force Association. (AFA). The AFA continues to be a strong supporter of Civil Air Patrol at the national and local levels. AFA actively participates in the National Congress on Aviation and Space Education and presented a special AFA award to CAP's Senior Member of the Year during the CAP National Board Meeting. AFA also presented a special award to the CAP Cadet of the Year during the 1985 AFA Convention.



Special Award. Mr. Paul H. Poberezny (right), President of the Experimental Aircraft Association, was recognized as CAP Man of the Year by CAP National Commander Brig Gen William B. Cass during the CAP National Board Meeting held in New Orleans during October.

Salvation Army. In accordance with its humanitarian purposes, the Salvation Army is chartered by Congress and charged with responsibility to assist personnel in need as a result of disaster emergencies. Emergency services is also a basic mission of Civil Air Patrol and to help ensure that the maximum potential of both organizations to assist persons in distress will be realized, a statement of cooperation between the Salvation Army and CAP was adopted in 1973. There has since been a continuing development of this worthwhile association.

Federal Aviation Administration (FAA). In November, FAA and CAP entered into a Memorandum of Understanding committing each organization to mutual support and cooperation in areas of common interest. FAA along with CAP, NASA and the National Air and Space Museum served as cosponsor of the 1985 National Congress on Aviation and Space Education held in Las Vegas in April. The FAA continued to be a major source for safety speakers and material used at CAP-sponsored flight clinics and safety programs.

Volunteers of America (VOA). To ensure close cooperation between Civil Air Patrol and the Volunteers of America in their common mission of emergency service, the two organizations continued to operate under a mutual assistance agreement developed in 1980. The agreement outlines principles of cooperation to provide maximum assistance to victims and workers in disaster and emergency situations and to ensure that the maximum capability of both organizations is fully utilized.

National Aeronautics and Space Administration (NASA). NASA, in cooperation with CAP, FAA, and the National Air and Space Museum, cosponsored the 1985 National Congress on Aviation and Space Education held in Las Vegas in April. NASA also supports CAP's aerospace education and cadet program efforts in many other ways.

American Legion. Civil Air Patrol and the American Legion have cooperated since 1950 in the areas of common interest of aerospace education and youth development. Civil Air Patrol squadron commanders and American Legion post commanders are urged to contact each other and explore areas for further development of mutual support and cooperation at the community level.



Aerospace Day. An all-day teachers' workshop on aerospace education was held at the Downey, California, Rockwell International facility. The event was cosponsored by CAP Pacific Region and the Los Angeles Unified School District and attended by 280 teachers. The purpose of the workshop was to indoctrinate teachers with the importance of aerospace education in preparing students to comprehend the advancing technology and the role of aerospace in the 21st century. Members of the Burbank Cadet Squadron assisted by preparing 300 helium-filled balloons which were launched at the end of the workshop. A message attached to the balloons asked the finders to note the location, weather and estimated wind speed and return the information by mail to the cadets.



Academy Visit. Air Force Academy Cadet Andrea Thompson (left) and her mother, CAP Major Sandra Thompson, attended the annual Aerospace Education Leadership Symposium at the Academy in January. Andrea is a former member of North Carolina's Triad First Flight Composite Squadron, and Major Thompson is the North Carolina Wing Director of Cadet Programs.

Federal Emergency Management Agency (FEMA). FEMA was established in 1979 to merge closely allied federal programs involved with preparedness for and response to national emergencies. FEMA and CAP entered into a Memorandum of Understanding in November 1981 to promote mutual support and coordination through specific points of contact at various levels of both organizations. The 10 FEMA regional offices coordinate emergency services activities with various state and local governments. CAP wings, in turn, have developed agreements with state and local governments making CAP support available during emergencies.

Optimist International. The Optimist International urges Optimist Clubs to extend their services to their communities by sponsoring Civil Air Patrol cadet programs at the local level.

Veterans of Foreign Wars (VFW). The VFW continued to recognize the common interests between CAP and VFW and urged VFW units throughout the nation to maintain and strengthen ties with local Civil Air Patrol units.

American National Red Cross (ANRC). During 1985, Civil Air Patrol continued its support of the American Red Cross by transporting human blood in emergency situations and cooperating in disaster relief operations. In March, the two organizations joined in a national agreement whereby CAP will support the ARC in its program for obtaining human tissues for transplantation to patients across the nation. CAP will transport Red Cross personnel to sites where donor tissues are available and then transport the tissues to central distribution centers.

RECOGNITION OF EXCELLENCE

UNIT RECOGNITION

Squadron of Distinction. *The South Towns Cadet Squadron of the New York Wing* was selected as the Civil Air Patrol Squadron of Distinction based on the unit's overall accomplishment in conducting the cadet program. The unit's present commander, Major Katherine P. Tolsma, received the F. Ward Reilly Leadership Award in recognition of her outstanding performance.

Squadrons of Merit. The following runners-up to the Squadron of Distinction were designated as Squadrons of Merit:

- (1) *Bowie-Belair Composite Squadron, Maryland Wing*
- (2) *Peoria Cadet Squadron, Maryland Wing*
- (3) *Skokie Valley Composite Squadron, Illinois Wing*
- (4) *St. Louis Composite Squadron, Missouri Wing*

CAP-MAP Top 8 of The 80's. The top performing wing in each of the 8 Civil Air Patrol regions was selected for recognition under the "Top 8 of the 80's" award program of Civil Air Patrol-Management Analysis Program (CAP-MAP). The top scoring wing in the competition also received special recognition as "Number One in The Nation." That honor went to the Oklahoma Wing which was commanded by both Col Fred L. Latchaw and Col Lester V. Wilson during the rating period.

Oklahoma — Southwest Region
West Virginia — Middle East Region
Nevada — Pacific Region
Tennessee — Southeast Region

Missouri — North Central Region
Wisconsin — Great Lakes Region
Rhode Island — Northeast Region
Colorado — Rocky Mountain Region

INDIVIDUAL RECOGNITION

Cadet of the Year. *Erik C. Nielsen, Alabama Wing*
Senior Member of the Year. *Lt Col Ronnie C. Harmon, West Virginia Wing*
Wing Commander of the Year. *Col Fred L. Latchaw, Col Lester V. Wilson, Oklahoma Wing*
Chaplain of the Year. *Ch. Col John A. McClure, Great Lakes Region*
Wing Historian of the Year. *Major Hellenmerie Walker, Oregon Wing*
Safety Officer of the Year. *Lt Col Raymond Navarro, Great Lakes Region*

Brewer Aerospace Memorial Awards

Cadet Category. *Cadet Jeffrey A. Focke — Ohio Wing*
Senior Category. *Lt Col Lynn D. Lahaie — West Virginia Wing*
Individual Category. *Senior Member Georgia M. Franklin, Washington Wing*
Organizational Category. *Montana Aeronautics Division*

General Carl A. Spaatz Award Winners. The following cadets are recognized for successfully completing all phases of the structured cadet program:

Alabama
John G. Bunnell, (No. 740), 117th ANG Composite Squadron
John B. Pass, (No. 758), 117th ANG Composite Squadron
Adam P. Von Bartheld, (No. 731), Gadsden Composite Squadron

Arizona
Tim A. Woods, (No. 765), Glendale Composite Squadron

Arkansas
Stephen W. Wilson, (No. 751), Rogers Composite Squadron

California
George K. Demirjian, (No. 735), Los Angeles Group One
Waldo Silveyra, (No. 732), Los Angeles Cadet Squadron

Squadron Award. *Maj Katherine Tolsma, Commander of New York's Southtowns Cadet Squadron* which was selected as the CAP Squadron of Distinction for 1984, was presented a plaque and F. Ward Reilly Honorarium by CAP National Commander William B. Cass (left) and CAP Executive Director John T. Massingale, Jr.



Outstanding Cadet. *Cadet of the Year Erik C. Nielsen of the CAP Alabama Wing* was recognized by National Commander Brig Gen William B. Cass during the CAP National Board Meeting in New Orleans.

Colorado
Keith E. McLaughlin, (No. 769), Aruada Cadet Squadron

Connecticut
Daniel H. Lord Jr., (No. 773), Royal Cadet Squadron

Florida
John M. McDermott, (No. 728), MacDill Cadet Squadron
Michael J. Woehlert, (No. 775), MacDill Cadet Squadron

Illinois
Barry E. Federici, (No. 770), Midway Composite Squadron
Edward R. Lucas, (No. 771), Springfield Composite Squadron
Tom V. May, (No. 752), Downers Grove Composite Squadron
John C. Wenzel, (No. 748), Palos Composite Squadron

Iowa
Edward C. Kellogg, (No. 760), Cedar Rapids Cadet Squadron
Randy W. Goodson, (No. 742), Blackhawk Composite Squadron

Kansas
Mary K. Retz, (No. 776), Wichita First Composite Squadron

Kentucky
Andrew A. Kooshian, (No. 762), Centenary Composite Squadron

Maryland
Francis W. Moran, (No. 739), Prince Geo. Composite Squadron
Martin Strittmatter, (No. 730), Linthicum Composite Squadron

Michigan
Leo J. Burke, (No. 749), Van Dyke Cadet Squadron
Aletha A. King, (No. 777), Livonia Cadet Squadron

NAT'L CAP
Mark S. Moran, (No. 733), Potomac Cadet Squadron
Kevin J. Reinstein, (No. 756), Andrews Composite Squadron

Nebraska
James G. Parks, (No. 746), Ogallala Cadet Squadron

Nevada
Cheryl A. Bertha, (No. 761), Tahoe Truckee Composite Squadron
James T. Robert III, (No. 750), Clark County Composite #27031

New Hampshire
Barbara M. Piper, (No. 743), Falcon Cadet Squadron

New Jersey
John G. Briar, (No. 754), Raritan Valley Composite Squadron
Kenneth A. Hawthorn, (No. 778), Twin Pine Cadet Squadron



Kentucky Award. Cadet Andrew A. Kooshian of Kentucky's Centenary Composite Squadron was presented the General Carl A. Spaatz Award by Governor Martha L. Collins. Kentucky Wing Commander Col George M. Hudson participated in the ceremony in the governor's office.

New York

Thomas A. Jurek, (No. 759), South Towns Cadet Squadron
Russell E. Powley, (No. 772), Lockport Composite Squadron
Raymond Staats, (No. 734), Lt Col Robert S. Vankeuren Cadet Squadron

North Carolina

Samuel S. Tallent Jr., (No. 745), Hickory Composite Squadron

Ohio

Jeffrey A. Focke, (No. 744), Mark N. Shirk Squadron
Gregory S. Panzarella, (No. 729), Mark N. Shirk Squadron
Kenneth E. Wurtzler, (No. 736), Cinn Composite Squadron

Oklahoma

Joe R. Zyzniewski, (No. 767), Oklahoma City Composite Squadron

Oregon

Steven L. Gatlin, (No. 755), Marshfield Cadet Squadron

Pennsylvania

Kurt J. Hack, (No. 738), Erie Composite Squadron

Texas

David P. Ellis, (No. 737), Vidor Composite Squadron
Scott H. Harris, (No. 753), 3015 Country Squadron DR #2047
Michael A. Mendoza III, (No. 757), Jersey Village HS Composite Squadron

Utah

Steven M. Arvanitas, (No. 747), Oquirrh Mt. Composite Squadron
Andreas K. Wesemann, (No. 741), Enterprise Composite Squadron

Virginia

Donald G. Dougan, (No. 764), West Richmond Cadet Squadron

West Virginia

Randall T. Allen, (No. 763), Clarksburg Composite Squadron

Wisconsin

Kristine A. Mutchie, (No. 766), Racine Composite Squadron
Robert L. Spenle, (No. 768), Rock County Composite Squadron

Puerto Rico

Rafael D. Medina, (No. 774), Col Clara E. Livingston Cadet Squadron

Officer Training. Ohio Wing CAP Cadet Colonels (left to right) Ronald Green, Matthew Reynolds and Douglas Hill have a common goal—to become second lieutenants. Green attends the University of Tampa on a 4-year Army Reserve Officers' Training Corps Scholarship, Reynolds attends the Air Force Academy Preparatory School, and Hill is a cadet at the Air Force Academy.



Aerospace Award. Cadet Jeffrey A. Focke of Ohio's Squadron 704 was presented the Frank G. Brewer Aerospace Memorial Award in the cadet category by CAP Executive Director Air Force Col John T. Massingale, Jr. during the CAP National Board Meeting. Jeffrey was recognized for his abilities in teaching aerospace subjects to fellow squadron members.

Scholarship Winners. Civil Air Patrol scholarships valued at \$34,500 for academic year 1985-1986 were awarded to 69 of CAP's outstanding young men and women who are attending colleges and universities across the country:

CALIFORNIA

Steven Catron
Martha Jones
James Rentfrow
Lisa Taylor
Alison Wellsfry

COLORADO

Celeste Gamache

CONNECTICUT

Barbara Fritts

GEORGIA

Dawn Watson

ILLINOIS

Sylvia Grupe
Thomas Herrick
David Kahn
Thomas May
Rita Mrowca
Marlene Murray
Brenda Pobanz
Kenneth Savage
Dean Smith

INDIANA

Michael Orr
Thomas Ringer

MAINE

Susan Melrose

MARYLAND

Brian Faith
Terri Redman

MASSACHUSETTS

Robyn Hollowell

MICHIGAN

Gregory Hudak
Mark Pinegar
Mary J. Remski

MINNESOTA

Mark Abbott
Raphael Cung
Curtis DeKeyrel
Todd Mitchell

MISSISSIPPI

Valerie Mitchell
Mark Payne

NAT CAP

Kevin Reinstein

NEBRASKA

Gary Hanken
James Parks
James Vigessaa
Parker Shipley
Elizabeth Sliwinski

NEVADA

Cheryl BerthaJeanne North

NEW JERSEY

James Burkhard

NEW YORK

Kaushik Shridharani

NORTH CAROLINA

Michael Freeman
Mark Schadt

OHIO

Ronald Grabenstetter
David Kindle
Kenneth Wurtzler

OREGON

James Powell

PENNSYLVANIA

Robert Lutz
Joanna Sobieski

SOUTH CAROLINA

Rodney Solt

TENNESSEE

Jeffrey Wadley

TEXAS

Carolyn Broyles
Michelle Malone
Michael Mendoza
Stephen Robertson
Kenneth Sibley
Robert Veteto

VIRGINIA

Jeffrey Wimmer

WASHINGTON

Mark Harlin
Renate Kupke
Iyan Lavanway
Patrick Logan
William Meyer

WEST VIRGINIA

Randall Allen
Kenneth Canterbury

WISCONSIN

Edward Gowan
Robert L. Spenle
Marilyn Spenner



Congressional Report. The 16-member team of CAP cadets from the Bronx Group of the New York Wing that won top honors in the CAP National Cadet Competition held at Maxwell AFB, Alabama, in December 1984 assisted National Capital Wing cadets in delivering a copy of the 1985 CAP Annual Report to Congress to each member of Congress. Congressman Danny L. Burton from the 6th District of Indiana (center) accepts a copy of the report from (left to right) Carlos Feliciano, Miquel Arroyo, Juan Davila and Marshall Preston. (Photo by Rand McNatt)

Gill Robb Wilson Award. The Gill Robb Wilson Award, named for one of the founders of Civil Air Patrol, is the highest award attainable in the Senior Member Training Program. In recognition of completion of CAP advanced leadership training requirements, the award was presented to 200 senior members in 1985.

ALABAMA

Axel E. Altberg
Jack A. Dodd
Eugene M. Equi

ARIZONA

Henry S. Bowling
Ralph B. Charlip
William V. Darby, Jr.
Jon T. Kramer
Robert D. McCord, II
Colin A. Ward

ARKANSAS

Lyle E. Sanders
William G. Walton

CALIFORNIA

Edward M. Brown
Robert B. Hartzell
Robert L. Jackson
Franklin L. Obenhaus
Ernest C. Pearson
Gordon L. Ziegler

COLORADO

Carl Feldhamer
William A. Gentry, Sr.
Frank W. Shelton

CONNECTICUT

Charles Campbell
Howard E. Palmer

FLORIDA

Edward A. Amsbury
Alton D. Anderson
Doris M. Anderson
Ann G. Archer
William B. Bailey
Merlyn E. Franck
Albert C. Gamache
Arthur W. Giles, II
Marion B. Holland
Murrill W. Maglio
Dennis K. McCoy
Robert E. Miller
Robert H. Pinney
Lester A. Preston

GEORGIA

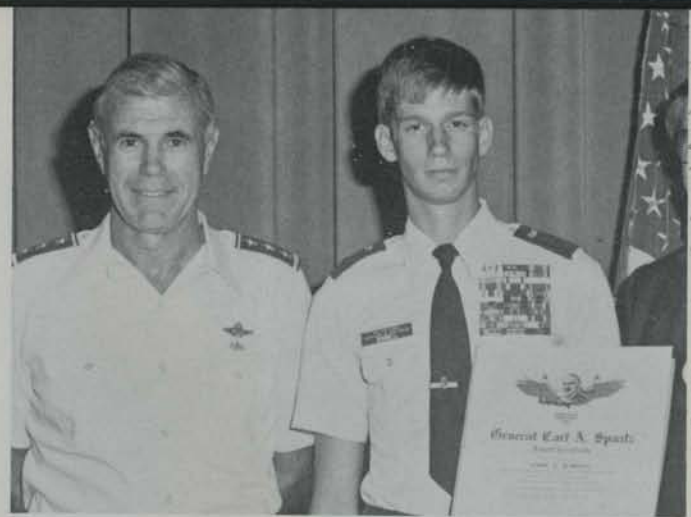
Betty J. Ayers
George H. Looney
Fred N. Shroyer
Edward R. Wright

ILLINOIS

Carolyn W. Fisher
Donald E. Hill
Milton L. Jern
Clyde L. Kimler
Jeffrey B. Williams

INDIANA

Raymond N. Andrews
Paul M. Bergman
Joseph S. Gilkey, II
Irwin I. Kleinman
Johannie L. Rasdon
L. H. Schwitzer, III



Alabama Award. Cadet John G. Bunnell and Air University Commander Lt Gen Thomas C. Richards pose following General Richards presentation of the General Carl A. Spaatz Award to Cadet Bunnell. The presentation was made during the Alabama Wing Encampment at Maxwell AFB, Alabama.

KANSAS

Elver F. Craghead

KENTUCKY

Douglas G. Bailey
Paul L. McGee
Nancy D. Peel

LOUISIANA

Gerald Bienn

MARYLAND

Bryan L. Pearce, Jr.

MASSACHUSETTS

Jason Denenberg
Michael P. McEleney
Ralph N. Shaver, II
Ronald A. Walsh

MICHIGAN

John A. Alexander
Edward D. Hasenleder
Patricia L. Kemp
Thomas W. Knaub
Robert D. Krohn
Donald H. MacLeod
Martha L. MacLeod
Susan H. Manning
James R. Pallarito
George J. Rees
Edward T. Rojowski
Michael A. Saile

MINNESOTA

Alan K. Brandon

MISSISSIPPI

James C. Mitchell, Jr.
William H. Sanford
Hardy A. Sokolik
Obie S. Young

MISSOURI

Joe E. Casler
William H. Eggers
Owen J. McCrady
Donald J. Norvell

MONTANA

Ruth J. Edwards

NATIONAL CAPITAL

Thomas E. Allen
Roy H. Boller
William E. Sumner

NEBRASKA

Lorraine G. Davison
Kevin F. Sliwinski

NEVADA

Bobby J. Deckwa
Stuart C. Moyle
Bradford L. Sharp

NEW HAMPSHIRE

Rita B. Carter
Alger A. Conger

NEW JERSEY

Joe H. Abegg
George J. Apostle
Mary F. Bennett
Joel T. Biggs
Edward C. Burns
Charles A. Einholz, Sr.
Robert M. Emig
Stanley A. Fisch
Guy Glaser
Margaret L. Haseltine
Edward S. Lowy
Edward J. Myzile
Andrew Pantelides

NEW MEXICO

Larry A. Harrah
R. B. Haulenbeck, Jr.
Dennis Manzanares
Nancy Melendez
Francis M. Selph

NEW YORK

Roy I. Arroll
Bradley J. Hamilton
Walter J. Pollack
David S. Robinson, Jr.
Judith A. Torres (Neeshotwell)

NORTH CAROLINA

Joyce E. Brookshire
Jerry A. Cummings
Dawn M. Ellis
Eugene B. Elmore
James W. Ervin
James F. Furlong
Wesley C. Leamon, Jr.
Hollister Nelson

MIDDLE EAST REGION

William A. Sutphin, Jr.

GREAT LAKES REGION

S. C. Johnson, Jr.
Rolland E. Wiegand

SOUTHEAST REGION

Michael H. Guitart
Etta M. Spieker

SOUTHWEST REGION

Ben W. Davis, Jr.

OVERSEAS SQUADRONS

Harry C. Baughman, Jr.
Robert B. Boyson
Terry D. Stanberry

Dual Awards. Nevada Governor Richard H. Bryan congratulates Nevada Wing Commander Bradford L. Sharp following the governor's presentation of the General Carl A. Spaatz Award to Cadet Jim Roberts of Nevada's Clark County Composite Squadron and Cadet Cheryl Bertha of Nevada's Tahoe Truckee Composite Squadron.

Utah Cadets. Cadets Andreas K. Weseman (center) and Steven M. Arvanitas of Utah's Enterprise Composite Squadron were presented General Carl A. Spaatz Awards by Utah Adjutant General John L. Matthews. Weseman is a cadet at the Air Force Academy and Arvanitas plans to enter the Air Force ROTC Program at Brigham Young University.





Brewer Award. Lt Col Lynn Lahaie earned the Frank G. Brewer Aerospace Memorial Award in the senior member category through his service as Director of Aerospace Education for the West Virginia Wing. The award was presented by CAP Executive Director Col John T. Massingale, Jr. during the CAP National Board Meeting in New Orleans.

OHIO

Lewis M. Ashbrook
Celio D. Bongiani
Larkin C. Durdin
George W. Fonseca
Dennis P. Kilrain
Roger Middleton
Charlotte L. Schnitz
Richard D. Schnitz
Majorie J. Swain

OKLAHOMA

Richard L. Harding
John R. Kanost
Jess H. Powell
Richard L. Welch

OREGON

Edna M. Dawkins

PENNSYLVANIA

Charles A. Andrews
Merritt E. Derr
Alfred M. Heston
Edward H. Kirby, Jr.
Frank C. Perri, Jr.

RHODE ISLAND

Gertrude M. Kulig

SOUTH DAKOTA

John W. Hoffmann
Alden L. House

TENNESSEE

James L. Barnes
William J. Etherton
Donald H. Gage
Melvin E. Laverne
Jerry K. Sherrod
Betty Jo Simerly

TEXAS

William P. Casteel
Kenneth P. Curry
Kenneth D. Lifland
James S. Reynolds
Lea M. Reynolds
Beverly J. Deren
Robert D. Johnson
Donald G. Taylor

VIRGINIA

Virginia A. Curran
Stanley R. Hague, III
Royce L. Harrison
Donald E. Ratcliff
John J. Reitelbach, Jr.

WASHINGTON

Eleanor P. Baker
Evelyn O. Lundstrom
Judith E. Masura
Lori L. Noyes
Donald E. Simonsen
Theodore A. Tax

WEST VIRGINIA

Dennis D. Barron
Claude G. Hess
James W. Maloy
T. E. McClung, Sr.
Charles D. Posey

WISCONSIN

David S. Culver
Donald W. Goers
Eugene L. Nelson
Dorothy A. Schumann

ALASKA

Louis B. Staudt, Sr.

HAWAII

Edward W. Boteilho
Roger M. Cairns
August P. Leval
William N. Rapozo
Derek A. Webb



West Point Award. U.S. Military Academy Cadet John S. Morris III, formerly of the CAP Illinois Wing, was presented his General Carl A. Spaatz Award by U.S. Corps of Cadet Commandant Brig Gen John H. Moellering during a cadet corps' formation.

Civil Air Patrol Hall of Honor. The Civil Air Patrol Hall of Honor, located in the U.S. Air Force Museum at Wright-Patterson Air Force Base, Dayton, Ohio, was dedicated in May 1974. The display pays tribute to leaders who were instrumental in establishing the organization and in its development over the years. The following individuals have been inducted into the Hall of Honor. (Date and order of induction)

- * Gill Robb Wilson - 1972
- * Carl A. Spaatz - 1972
- * D. Harold Byrd - 1972
- * William C. Whelen - 1972
- * Paul W. Turner - 1972
- * Lyle W. Castle - 1972
- * F. Ward Reilly - 1972
- * Clara E. Livingston - 1972
- * Joseph S. Bergin - 1972
- * Alan C. Perkinson - 1972
- * Lucas V. Beau - 1973
- * Edwin Lyons - 1973
- * Earle L. Johnson - 1974

- S. Hallock DuPont, Jr. - 1974
- James C. Carter - 1974
- William M. Patterson - 1976
- Zack T. Mosley - 1976
- * Robert H. Herweh - 1979
- Mervin K. Strickler - 1979
- Thomas C. Casaday - 1980
- Louisa S. Morse - 1982
- Gordon T. Weir - 1982
- Johnnie Boyd - 1983
- Lester L. Wolff - 1985
- William D. Madsen - 1985

* Deceased



Spaatz Cadet. Cadet Samuel S. Tallent, Jr., of North Carolina Hickory Composite Squadron accepted the highest CAP cadet honor, the General Carl A. Spaatz Award from North Carolina Governor Jim Martin, Samuel's mother, Mrs. William S. Tallent, Sr., participated in the awards ceremony.



AFA Award. South Carolina's Darlington County Composite Squadron Commander Howell A. Jeffords was presented the South Carolina Air Force Association Award for "Best Overall Squadron 1985" by AFA Southeast Region Vice President Morgan S. Tyler, Jr. The presentation was made during the state AFA convention at Shaw AFB, South Carolina.

STATISTICAL SUMMARY

Vital Statistics as of 31 December

MEMBERSHIP			AIRCRAFT		
	1984	1985		1984	1985
Cadets	24,900	23,960	Corporate Owned	545	566
Seniors	41,605	41,811	Member Owned	9,583	9,430
Total Members	66,505	65,771	Total Aircraft	10,128	9,996
ORGANIZATIONAL UNITS			EMERGENCY SERVICES		
Regions	8	8	Missions	1,979	2,327
Wings	52	52	Sorties	9,112	7,492
Groups	186	181	Hours Flown (Finds)	17,351	14,210
Senior Squadrons	323	317	Objectives Located/	1,204	1,593
Cadet Squadrons	329	327	Lives Saved (Saves)	128	116
Composite Squadrons	956	915			
Flights	79	108	ENCAMPMENTS		
Total Units	1,933	1,908	Active Air Force Bases	29	23
RADIO STATIONS			Other DOD Facilities	16	19
Fixed Land	4,065	4,022	Non-DOD Facilities	12	22
Ground Mobile	18,270	19,430	Cadets Attending	6,345	5,007
Air Mobile	5,075	4,770	Seniors Participating	1,204	963
Search and Rescue	1,066	1,059			
Corporate Aeronautical	545	566	CADET AWARDS		
Repeater Stations	265	279	Mitchell Awards	1,271	1,185
Emergency Locator	181	216	Earhart Awards	456	441
Total Stations	29,467	30,343	Spaatz Awards	51	50

WING PARTICIPATION IN EMERGENCY SERVICES 1 January 1985 through 31 December 1985

The following data indicates Civil Air Patrol participation in USAF authorized search and rescue operations, disaster relief, and other emergency services missions. Thousands of additional hours are spent on state and local support activities that are not reported. During 1985 Civil Air Patrol was credited with 1,593 finds and 116 saves. ("Finds" are search objectives located and "Saves" are lives saved.)

	Missions	Sorties	Hours	Finds	Saves
Alabama	37	136	258	27	0
Alaska	103	644	1208	62	21
Arizona	37	292	645	25	0
Arkansas	19	35	59	8	0
California	254	1095	1592	189	0
Colorado	59	325	672	27	10
Connecticut	24	34	77	16	0
Delaware	6	35	38	6	0
Florida	173	425	885	142	0
Georgia	58	260	531	31	1
Hawaii	6	42	94	0	0
Idaho	18	31	60	9	7
Illinois	55	50	69	24	0
Indiana	24	19	65	20	0
Iowa	29	44	58	12	5
Kansas	48	70	103	18	21
Kentucky	22	34	71	12	0
Louisiana	60	100	174	40	0
Maine	38	96	197	27	0
Maryland	43	98	498	33	1
Massachusetts	38	163	302	30	0
Michigan	57	43	81	45	0
Minnesota	35	54	91	24	0
Mississippi	19	37	60	9	1
Missouri	36	33	49	26	1
Montana	11	74	152	1	2
National Capital	6	20	31	3	0
Nebraska	25	55	101	12	13
Nevada	48	165	340	17	13
New Hampshire	23	23	41	15	
New Jersey	73	136	223	66	0
New Mexico	43	370	735	21	1
New York	61	219	333	35	2
North Carolina	46	60	119	34	0
North Dakota	14	14	34	7	0
Ohio	67	127	265	55	0
Oklahoma	47	114	161	36	0
Oregon	21	282	482	8	1
Pennsylvania	67	314	551	37	0
Puerto Rico	2	43	125	0	0
Rhode Island	9	15	31	7	0
South Carolina	18	24	53	14	0
South Dakota	17	25	47	10	4
Tennessee	38	83	148	23	3
Texas	188	380	788	140	4
Utah	23	126	404	14	0
Vermont	11	31	63	3	0
Virginia	50	280	463	31	1
Washington	56	127	165	38	2
West Virginia	12	79	190	6	0
Wisconsin	46	92	185	79	0
Wyoming	7	19	43	19	2
National Totals	2,327	7,492	14,210	1,593	116



The CAP cadet team from the Bronx Group of the New York Wing won top honors in the Civil Air Patrol National Cadet Competition held at Maxwell AFB, Alabama in December 1984. The team visited Washington D.C. in April 1985 and assisted National Capital Wing cadets in delivering a copy of the CAP Annual Report to Congress to each member of Congress. The cadets also visited their Congressman from the Bronx District of New York City, Representative Robert Garcia.



The CAP National Cadet Competition has been conducted at Maxwell AFB, Alabama during the Christmas holidays each year since 1975. A 16-member team from each of the eight CAP regions compete in aerospace knowledge, physical fitness, and precision drill to determine the winner of the coveted "USAF Chief of Staff CAP Cadet Sweepstakes" trophy. In 1985, the closely contested two-day event was won by the New York Bronx Group team representing the CAP Northeast

Region. This was a back-to-back win for the highly motivated New York team which has previously taken top honors in the 1980, 1982 and 1984 competitions. Above, the team displays the sweepstakes award and several awards for the individual events. CAP National Commander Brig Gen William B. Cass (background, left) and CAP Executive Director Air Force Col John T. Massingale, Jr., pose with cadets during the awards banquet. (Photo by Rand McNatt)



CIVIL AIR PATROL GRUMMAN "WIDGEON"
ATTACKING GERMAN SUBMARINE
OFF EAST COAST OF UNITED STATES
JULY 1942
Painting by Keith Ferris