

George R. Havelson

CIVIL AIR PATROL

1984 Annual Report to Congress

FOR YEAR ENDING 31 DECEMBER 1983



**Emergency Services...
to save lives and
relieve human suffering**

W DePaola



Air Force Academy Cadet Andrew E. Sizemore places his name on the Civil Air Patrol Twenty-five Year Honor Roll Scroll at the Academy in recognition of his achievement as the former Civil Air Patrol cadet to graduate highest in order of merit in the Class of 1983. Brig Gen Anthony J. Brushnick (left), Academy Commandant of Cadets and Col E. J. Zulauf, Rocky Mountain

Liaison Region Commander participated in the ceremony. Upon graduation Sizemore reported to Reese AFB, Texas as a second lieutenant to begin a year of jet pilot training. Andrew is a former member of the CAP North Carolina Raleigh-Wake Composite Squadron. (Photo by Bill Madsen)

The Civil Air Patrol Cadet Officers' School was again conducted at Gunter AFS, Alabama for 106 Mitchell Award cadets from 29 CAP wings. The challenging 10-day program consisted of a full schedule of seminars, lectures and athletic activities. The cadets were divided into 10 seminar groups with an Air Force

Reserve officer in charge of each group. The students discussed lecture topics and sharpened their communication skills by presenting three speeches before their classmates. (Photo by Rand McNatt)



George W. Howard



**NATIONAL
HEADQUARTERS
CIVIL AIR PATROL**

— USAF AUXILIARY —
Maxwell Air Force Base, Alabama 36112



TO THE CONGRESS OF THE UNITED STATES

This is a report of the activities of Civil Air Patrol during calendar year 1983 submitted as required by Public Law 79-476. Civil Air Patrol was established on 1 December 1941 under the United States Office of Civilian Defense 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 at which time the Army Air Forces was assigned jurisdiction for the remainder of the war years.

In recognition of 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 granted it status as the civilian auxiliary of the Air Force through Public Law 557.

During 1983, 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 1983. We also wish to express our gratitude for the continued understanding and 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.

Howard L. Brookfield
HOWARD L. BROOKFIELD
Brigadier General, CAP
National Commander

David L. Patton
DAVID L. PATTON
Brigadier General, USAF
Executive Director

EMERGENCY SERVICES

The primary objective of Civil Air Patrol Emergency Services activities is to save lives and relieve human suffering while still protecting the lives and equipment of those involved in rendering the services. To accomplish this purpose, professionalism in organization, training, planning, and mission execution are emphasized. Particular care is exercised to insure that only trained and qualified members are allowed to participate in emergency service missions. CAP Emergency Services includes search and rescue in support of the Air Force 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 Hawaii and in Alaska. The Emergency Services mission also includes civil defense and disaster relief operations in support of local, state, federal and other national emergency services organizations. Additionally, CAP is working with the JCS in the noncombatant role of Military Support Civil Defense and Land Defense of the CONUS. CAP cooperates with local civil officials and rescue organizations in search and rescue operations and has a mutual support relationship with the American National Red Cross, Salvation Army, Federal Emergency Management Agency, Federal Aviation Administration and other humanitarian organizations in conducting disaster relief operations.



Best Pilot. Lisa Matthews pre-flights aircraft during a CAP search and rescue exercise. Lisa is a mission pilot with Arizona Wing's Sky Harbor Squadron 301 and was selected by the National Intercollegiate Flying Association as "Top Female Pilot for 1983." She was awarded a trophy and a scholarship for that achievement. Lisa, who is a captain of the Arizona State University Flying Team, was also awarded a "99's Achievement Award" scholarship and the Amelia Earhart Medallion.



Search Competition. CAP Tennessee Wing ground team members (from left) Dennis Faircloth, Eddie Cate and Sean Reynolds prepare equipment for a ground search during the annual Southeast Region Search and Rescue Competition held in Knoxville during May. Georgia and Tennessee tied for first place in the contest. (Photo by Robin Walker)

SEARCH AND RESCUE

Responsibility for conducting search and rescue operations throughout the United States and its possessions is assigned to agencies designated by the National Search and Rescue Plan. The Search and Rescue Mission is divided into the three regions of Inland, Maritime, and Overseas to prevent overlapping of responsibilities. The United States Air Force is assigned responsibility as search and rescue coordinator for the inland region of the United States. It discharges its responsibilities through the Military Airlift Command's Aerospace Rescue and Recovery Service operation of the Air Force Rescue Coordination Center (AFRCC) which coordinates federal resources upon request. In its role as the civilian auxiliary of the Air Force, CAP is a primary resource in fulfilling the responsibility for inland search and rescue.

During 1983, CAP flew 16,725 hours on 17,745 Air Force authorized search and rescue missions and was credited with locating 1,074 search objectives and saving 154 lives.

The 154 lives saved was an all-time-record high for Civil Air Patrol and for the twelfth consecutive year the number of CAP finds on Air Force authorized missions has increased from 103 in 1971 to 1,074 in 1983. CAP also continued to fly 75% of search and rescue hours on missions coordinated by the AFRCC. According to AFRCC data, the emergency locator transmitter (ELT) continued to be the best aid available to searches, and the best hope for timely rescue of survivors of general aviation air crashes. The high incident of non-distress ELT activations and voice transmissions on ELT frequencies are major areas of concern. The average of 99% of all ELTs being non-distress combined with a 113% increase in ELTs due to SARTSAT detection has greatly added to the mission load of CAP. CAP is working closely with other organizations to increase ELT reliability to insure that when an ELT signal is detected, it is indeed a distress signal. CAP continues to inform the aviation community of the importance of reliable ELTs and accurate flight plans. CAP continues to explore more efficient and accurate methods to locate downed aircraft to hopefully increase the chances 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:

SARSAT SAVES

Alaska. A light aircraft with two people on board was reported overdue on a flight from Kotzebue to the Kugururok River, 100 miles to the north. A SARSAT ELT report was later received providing coordinates that were used by the Alaska CAP to locate the overdue aircraft. The aircraft had crashed and was upside down in an area requiring a helicopter for recovery. An Army National Guard UH-1 helicopter recovered the two uninjured survivors. Two saves were jointly credited to CAP and the 3rd Eskimo Scout Battalion of the Army National Guard.

LOST HUNTER

Colorado. CAP was requested to assist in the search for a 50-year-old woman reported missing while hunting near Pagosa Springs, Colorado. The temperature was in the mid-teens and she had no survival gear. A Colorado CAP ground team located the woman, in fair condition, 12 miles southeast of Pagosa Springs in the San Juan Forest. She was delivered to her family in Durango, Colorado.

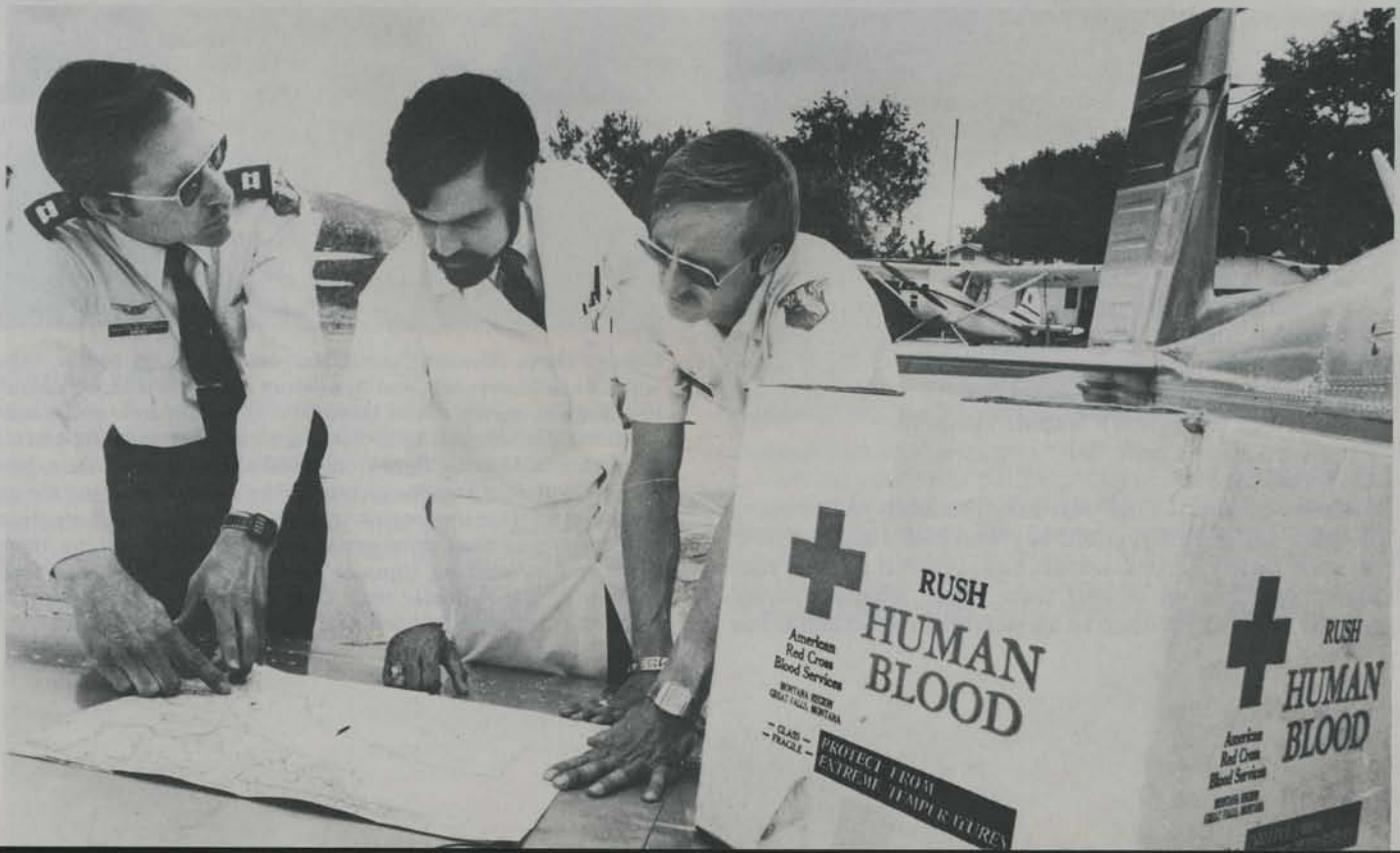
NIGHT RESCUE

Alaska. An instructor pilot and one passenger were reported missing overnight after failing to return from a planned two-hour orientation flight. A private pilot sighted the crashed aircraft on Mount Yukla, 20 miles east of Anchorage, and directed an Alaska CAP aircrew to the scene. The CAP aircraft remained in the area until an Air Force rescue helicopter arrived from Elmendorf Air Force Base. Although rough terrain prevented the helicopter from landing and no signs of life were evident, the helicopter crew determined that the cockpit was intact and the crash could be survivable. Darkness fell before helicopter rescue personnel could be lowered by hoist. An Air Force C-130 aircraft arrived and dropped 15 flares to light the scene. Two rescue personnel were lowered by hoist and discovered two injured survivors in the aircraft. Both were recovered to the helicopter and taken to Providence Hospital. CAP shared credit with the civilian pilot and Air Force aircrews for the saves.

BLOOD TRANSPORT

Texas. The American National Red Cross requested the immediate transport of whole blood for the victim of an automobile accident suffering from arterial bleeding. A Texas Wing CAP aircrew flew two units of blood from the Waco-Madison-Cooper Airport to Kerrville.

Emergency Airlift. A woman with a rare blood type had donated blood to the Northridge Hospital Medical Center Blood bank in San Fernando, California in the event she would ever require serious surgery. The patient was in San Diego when the decision was made that immediate surgery was required, but could not be performed until the blood was transferred from San Fernando to the San Diego Blood Bank. Ground transportation could not be used owing to the need to transport the blood in less than two hours because of the critical requirement of maintaining packed dry ice temperature of 320 degrees below zero. Because the emergency occurred during a three-day holiday weekend, commercial air transport was not available. The San Fernando Blood Bank called on the California CAP for assistance. The American Red Cross Blood Service packaged and Capt Ron Butts consulted with Dr. Martin Furmanski of the Northridge Hospital Medical Center Blood Bank prior to the 40 minute flight from San Fernando to San Diego. (Photo by Ross Standell)





Poison Victims. Two workers in American Falls, Idaho were overcome by cyanide fumes while cleaning a tank that had contained a cleaning solution. The Idaho CAP Eagle Rock Composite Squadron in Idaho Falls was asked to assist by airlifting a cyanide antidote kit to American Falls. The 42-minute flight to the American Falls airport was accomplished by Marland L. Standley (left) and Rezk Mohamed II. The antidote was delivered to a Powers County deputy sheriff who was waiting to deliver the drug to the American Falls Hospital, where it was administered in time to save the lives of the two victims. (Photo by Ron Paarman)

ONE SURVIVOR

Idaho. Idaho CAP flew 13 sorties in the search for a Cessna 182 aircraft with four persons on board. The pilot had not filed a flight plan. The crashed aircraft was located 43 miles southeast of St. Maries, Idaho by Idaho CAP. The Idaho Clearwater County Sheriff recovered one survivor and three deceased victims.

SNAKEBITE SERUM

Idaho. Idaho CAP was credited for a life saved after airlifting antivenom serum for the victim of a rattlesnake bite from the Boise Air Terminal to Salmon, Idaho. Two days later, Idaho was again called upon to airlift anti-venom serum from Nampa to Salmon, Idaho for treatment of another victim of snakebite.

WILDERNESS CRASH

Alaska. An Alaska Fish and Game employee failed to return from a flight from Nome to several wilderness areas and back to Nome. SAR Satellite ELT reports were received from five different positions in the vicinity of the missing pilot's flight plan. His aircraft had crashed due to engine failure and the uninjured pilot had walked six miles to the nearest airstrip which accounted for the different ELT positions reported. Alaska CAP located the pilot by means of the ELT and recovered him to Nome.

INJURED BOY

Minnesota. The Cass County, Minnesota Sheriff requested CAP assistance in the search for a 13 year-old boy. Minnesota CAP located the child in the vicinity of Walker, Minnesota with a broken back, paralyzed and semi-conscious. A civilian ambulance recovered the boy and delivered him to the Park Rapids Hospital.

LOST CHILD

Montana. Montana CAP was asked to assist in the search for a two-and-a-half year old boy who had wandered away from the Dailey Lake Campground. A CAP ground team located the child on a cliff three miles from the campgrounds. He was returned to his parents in good condition.

ORGAN TRANSPORT

New York. At the request of the Geisinger Hospital in Bloomsburg, Pennsylvania, New York CAP airlifted a human kidney from Buffalo, New York to Bloomsburg, Pennsylvania. The kidney was transplanted into a 36 year old woman suffering from kidney failure.

SNOW RESCUE

Colorado. A Cessna 172 with three people on board was reported missing on a round-robin flight from Denver, Colorado. Colorado CAP located the crashed aircraft in deep snow about nine miles southeast of Leadville, Colorado at an elevation of 11,000 feet. A helicopter from the 571st Medical Detachment at Fort Carson, Colorado recovered the three survivors in good condition.

MISSING HUNTER

Alaska. At the request of the Alaska State Troopers, Alaska CAP assisted in the search for a trapper/hunter who was overdue on a 75 mile, one-day trip from Ambler to Selawik by snowmobile. Numerous CAP and civilian aircraft, as well as 25 snowmobilers, participated in the search. Alaska CAP located the man on the Tagagawik River some 50 miles southeast of his destination. His snowmachine had broken down and he had started to walk to Selawik. He had no food, matches or camping equipment.

GUNSHOT VICTIM

New Mexico. At the request of the New Mexico State Police, New Mexico CAP provided airborne communications support for the New Mexico Air National Guard during the recovery of a hiker suffering from a gunshot wound. The victim was taken to the St. Vincent Hospital in Sante Fe, New Mexico.



Crash Found. Mission Coordinator JanDee Haag, center, talks with Chuck Gruber, left, and Due Moore about the crashed aircraft they located during a New Mexico Wing search and rescue exercise. The twin-engine Piper Seneca 3 had been missing since 2 November 1982 on a flight from Helena, Montana to Taos, New Mexico, with four persons on board. The aircraft had been the objective of an intensive search by CAP and other search organizations; but to no avail since snowstorms had blanketed the mountains and covered all signs of the wreckage. The aircraft had crashed in dense forest near Canjillion Peak in northern New Mexico. There were no survivors. (Photo by Madge Harrah)

Project Lifeguard. CAP National Medical Officer Philip C. Breen, left, presents CAP National Commander Howard L. Brookfield with a CAP Organ Donor Card during CAP's National Board meeting. Patricia Allen of the National Kidney Foundation was an interested onlooker. The Organ Procurement phase of CAP's Project Lifeguard was announced at the board meeting in Las Vegas in August. Phase I of the program involves CAP aircraft and pilots transporting donated human organs when no commercial transportation is available. The Phase II, Organ Procurement, part of the program involves distributing Organ Donor Cards throughout all wings of Civil Air Patrol and providing publicity outside of Civil Air Patrol. People willing to donate lifegiving organs carry the donor card in their wallet.



RIVER RESCUE

Nebraska. The Nebraska CAP was requested by local police to assist in the search for a canoe and its two occupants missing in the North Platte River near North Platte, Nebraska. A CAP pilot sighted the pair who had become stranded on a sandbar after their canoe overturned in a deep channel in the river. The pilot directed a CAP ground team to the site by radio. A team member swam out and brought the pair to shore where other CAP members waited with blankets and survival equipment.

AIRCRAFT ACCIDENT

Oklahoma. A light aircraft with one person on board and no flight plan was reported missing while enroute from Alva, Oklahoma to Raton, New Mexico. Oklahoma CAP located the crashed aircraft near Buffalo, Oklahoma through the support of 33 CAP members and 11 aircraft of the Oklahoma and New Mexico Wings. The pilot, suffering from head injuries and a broken ankle, was taken to a local hospital.

SHARED SAVES

California. A Cessna 150 aircraft with two passengers on board was reported missing while enroute from Brookings, Oregon to Redding, California. No flight plan had been filed. California CAP located the crashed aircraft 12 miles northwest of Weaverville, California and the U.S. Forest Service recovered the two survivors by helicopter. Credit for the two lives saved was shared by CAP, the U.S. Forest Service and the Trinity County Sheriff's Department.

LOST SCOUTS

Tennessee. The Tennessee CAP assisted the Blount County Rescue Squad in the search for two missing Boy Scouts, ages nine and ten. The boys were located in the vicinity of Chilohwee Mountain and returned to the Lambert Farm Campgrounds.



Scorekeepers. California USAF-CAP Wing Liaison Officer Lt Col Larry Pring and CAP Lt Col Delight Miller compute scores on the various specialty teams participating in the second annual Pacific Region Search and Rescue Competition in Wenatchee, Washington. Although Alaska, California, Oregon and Washington placed first in some phases of the test, the Nevada Wing was judged "Best Overall Wing" in the competition.



Check Flight. Herb Goldstein (left), check pilot with New York's Niagara Frontier Senior Squadron, congratulates Philip Jones on a successful check flight. In 1979, Goldstein was named check pilot of the year for the New York Wing and his emphasis on safety has contributed to the accident free flight safety record of his Niagara Frontier unit. (Photo by Layman Jones)

DISASTER RELIEF

Under Department of Defense Directive 3025.1, military resources may be used to supplement assistance to state and local governments to alleviate the suffering and damage that result from peacetime civil emergencies.

The Department of the Army is designated as the executive agent for all military support to civil authorities while the Air Force Reserve (AFRES) is assigned overall responsibility for Air Force disaster planning and for coordinating and directing Air Force response to civil disaster requirements.

As the official civilian auxiliary of the Air Force under Public Law 557, the Civil Air Patrol is often asked to perform Air Force noncombatant missions which include military assistance to civil authorities during peacetime disasters. CAP participation is authorized by one of three AFRES Numbered Air Forces when requested by the Army, as executive agent, or directly from civil authority when the situation is deemed "imminently serious." Civil Air Patrol wings have also negotiated memorandums of understandings with individual state Emergency Management Agencies to assist local and state authorities in emergencies that are not of sufficient magnitude to warrant military assistance.

CAP has been cooperating with the Environmental Protection Agency (EPA) in demonstrating the use of the Enviro-Pod to FEMA, military and state Emergency Management officials. The Pod, suspended from a light aircraft, contains two 70mm cameras which can be used to document the results of a disaster. As a result of these efforts, FEMA Region VIII is now testing this equipment for possible nationwide use. The Illinois Wing of CAP has developed an airborne T.V. transmitter which operates from a camera aboard a CAP aircraft allowing officials to view a disaster on a T.V. set in their office. This technique was successfully used by Arizona CAP to monitor floods during 1983 and has been adopted by 12 other CAP wings.

CIVIL DEFENSE

The Civil Defense Program 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 defense. The CAP can assist the Air Force in fulfilling much of this mission. Because of this, the Secretary of the Air Force is required by Department of Defense directives to "furnish appropriate assistance to units of the CAP engaged in missions related to military support of civil defense."

The CAP has coordinated with the Federal Emergency Management Agency (FEMA), Federal Aviation Administration (FAA), and U.S. Readiness Command to develop the CAP wartime role to support both civil and military noncombatant requirements. This support includes aerial radiological monitoring, aerial damage assessment, communications and operations support for the State and Regional Disaster Airlift Plan for each state.

CAP participated in nine FEMA sponsored regional civil/military conferences which acquainted civil and military authorities with state, regional and national plans relating to civil and military defense emergencies. CAP has been asked by the Office of the Joint Chief of Staff to participate in a national joint civil/military exercise designed to enhance cooperation between civil and military authorities on a national scale. CAP demonstrated its ability to support military requirements on a regional basis during CAP exercise "First Time," by providing alternate landing base information to airborne SAC aircraft, alternate communications for the NORAD alert system, and actual target evaluation for the Continental U.S. Airborne Reconnaissance for Damage Assessment (CARDAS) system. These efforts have culminated in a CAP operations plan which will integrate CAP capabilities with other agencies to provide for "military support of civil defense" and "land defense of the CONUS."



Arizona Exercise. Arizona cadets Virginia Mack, Bill Stoner and Mike Johnson assist mission pilot Brock Taras plan a grid search during a cadet search and rescue exercise at the Phoenix-Litchfield Airport. Cadets were trained in air and ground communications, air operations, pre-flight planning and flightline duties. (Photo by Pat Elwood)

SARSAT PROJECT

Civil Air Patrol provided extensive support for the Air Force testing of the Search and Rescue Satellite Aided Tracking (SARSAT) system by activating test beacons at selected sites throughout the United States. The SARSAT system is a joint effort of the United States, Canada, France, and Russia to use satellites to improve the capability to locate ships and aircraft in distress. SARSAT will use satellites in low, near-polar orbit to monitor for distress transmissions which are relayed to ground stations to fix the location of the emergency.

CAP aided the SARSAT system test effort in two ways. First, two aircraft each from the Florida, Colorado, Washington, Alaska Wings and one from the Arizona Wing were modified with a new generation ELT. The new ELT will decrease or eliminate false activations that current ELTs now experience. Also, at various locations in the United States, CAP wings activated a field unit of the new ELT to measure the system coverage, accuracy, and reliability.

The system has so far been used to locate and save 132 individuals. Non-distress emergency transmitters have also been located with great accuracy.



Everglades Bivouac. Florida's Tamiami Cadet Squadron, which is also dual chartered as a Boy Scouts of America Aviation Explorer Post, conducted a bivouac in Everglades National Park at a Boy Scout campsite. The annual bivouac tests leadership, rescue and survival skills that cadets have trained for during the year.



Disaster Aid. Hawaii CAP cadets from the Kauai Cadet Squadron work with Salvation Army Lieutenant Jack Allemang in collecting "C" rations. CAP cadets helped with the collection and distribution of food to several thousand people during the Hurricane Iwa disaster.

MILITARY TRAINING ROUTE SURVEYS

The Federal Aviation Administration (FAA) has established Military Training Routes (MTR) to allow military pilots to practice low-level training missions. The routes enable realistic yet safe missions with the least possible environmental impact. The FAA requires that all routes be surveyed on a semiannual basis. The survey consists of flying the low-level route to identify new uncharted and potential noise sensitive areas which can be annotated on low-level charts and avoided by MTR users.

Strategic Air Command (SAC) and Tactical Air Command (TAC) have in the past either used commercial light aircraft and pilots or performed the survey with Air Force user aircraft, usually fighter type. Now, where possible, SAC and TAC units have turned to CAP to fly the routes with light aircraft designed and outfitted especially for low altitude search and rescue. Seasoned CAP pilots fly the aircraft with a U.S. Air Force pilot on board to accomplish the survey. CAP assisted in the survey of 32 military training routes during 1983.

Brim Frost. An Alaska CAP aircrew prepares a Beaver aircraft for a mission during exercise "Brim Frost". Every two years, a military exercise is conducted in the Arctic to test men and material in the subfreezing temperatures. The 1983 exercise was held in the vicinity of Eilson Air Force Base and Fort Greely. At the request of the Alaskan Air Command, Alaska CAP used two Beaver and one Bird Dog aircraft to fly Special Operations Teams into an area 30 miles behind "enemy lines". The teams made up of members of the Security Police from Elmendorf AFB, functioned as "insurgency teams" to disrupt the "enemy" and cause havoc behind the lines. CAP's involvement was highly successful and the military is taking a second look at CAP as an untapped resource which has long been available but little used.





Airlift Support. At the request of the Air Force North American Aerospace Defense Command's 20th Air Division, the CAP Virginia Wing provided airlift for active military personnel from Richmond, Virginia to Wilmington, North Carolina for participation in the Air Force "Proud Saber 82" exercise. Navy Lt (j.g.) Joel H. Simmons Jr., left, and Air Force Lt Col James Magee, right, talk with CAP pilot Lt Col Moorhead Foard prior to the flight.

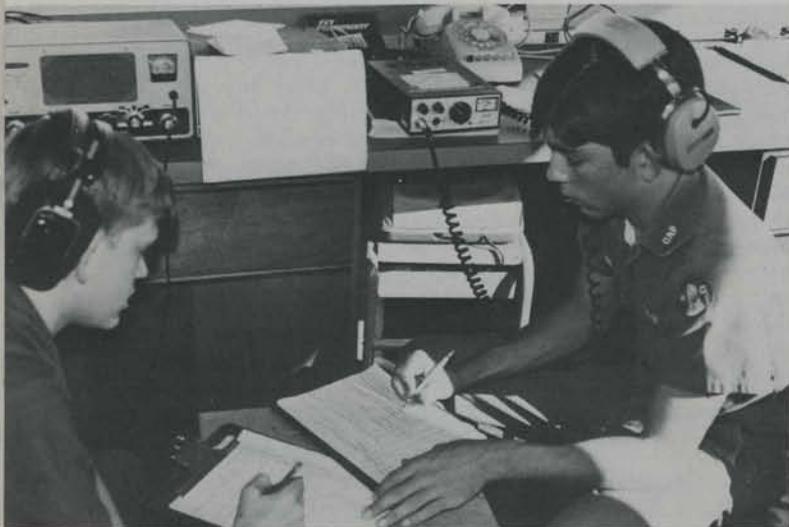
AIR FORCE PARTS AND PERSONNEL TRANSPORT

Civil Air Patrol provides local support to Air Force units by transporting aircraft parts, personnel, and other required items upon request. 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 aircraft to maintain operational status without the delays of scheduled transportation and without wasting valuable aircrew time. During 1983, Alabama, Alaska, Arkansas, New Hampshire, and New York 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 bases to transport data automation packages to another base for processing in cases of electrical power outages. This important service has been performed for the Air Force on several occasions.

COMMUNICATIONS

The Civil Air Patrol, with its nationwide communication network, provided outstanding support to various DOD and federal agencies. During CAP exercise "First Time," the CAP communication network provided timely damage assessment reports to the Air Force Emergency Operations Center, the National Emergency Airborne Command Post, the Strategic Air Command, and to the North American Air Defense Command (NORAD). It also provided communication from "Safe Haven Cities," designated by the National Communications System, to reconstitute a national command authority network in the event of a national emergency. CAP Communications continues its outstanding fulfillment of responsibilities in search and rescue and national disasters. CAP networks are activated daily to insure positive coverage to the lowest echelon with initiation of the National Command Net between National Headquarters and the regions. The regions activate nets to their respective wings, wings to groups and squadrons, and finally a VHF-FM broadcast to assure information is available to the most remote locations. Additionally, there are special networks organized for specific purposes using the varied frequency spectrum on both HF and VHF and enabling CAP to operate many nets simultaneously without communication interference. All CAP radio networks can be interfaced with other agencies to provide an effective and cohesive nationwide communication system.



Cadet Communicators. Cadets Mark Byerly (left) and Paul Banks of North Carolina's Winston-Salem Composite Squadron man the communications center during a wing search and rescue training mission. The 100 CAP volunteers participating in the exercise were given an excellent rating by Air Force personnel who evaluated the exercise.

Region Competition. Lisa Woodruff directs an aircraft as a TV cameraman records the action during the Southwest Region Fly-off Competition held at the old Marana military training base near Tucson, Arizona. Ten teams from Texas, Arkansas, New Mexico, Arizona, and Oklahoma competed in grid search and emergency locator transmitter events.



AEROSPACE EDUCATION

The first full year of the new Aerospace Education Program for Senior Members ended on 1 September 1983 with nearly 800 CAP senior members having completed the program. Success of the program is due in large measure to the "Leadership by Example" concept initiated by Brigadier General Johnnie Boyd, former CAP National Commander. General Boyd was first to complete the program and challenged the 8 CAP region and 52 wing commanders to provide leadership for their members by following his example. At the end of the first six months, seven region commanders and 36 wing commanders had completed the program.

Another highlight of 1983 was the third biennial Congress of the World Aerospace Education Organization (WAE0) held in Washington, D.C. August 10-16, 1983. Civil Air Patrol was the first organizational member of the organization which is chartered to promote aerospace education internationally. Approximately 100 attendees heard addresses from aerospace leaders from 12 nations.

NATIONAL CONGRESS ON AEROSPACE EDUCATION

The 1983 National Congress on Aerospace Education was held in Las Vegas, Nevada, and attended by approximately 1,000 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 provides a national forum for aerospace teachers in an environment favorable for promoting awareness of new developments and advances in technology in this challenging field. It also serves as an excellent vehicle for establishing aerospace education as a curriculum element in the schools of our nation.

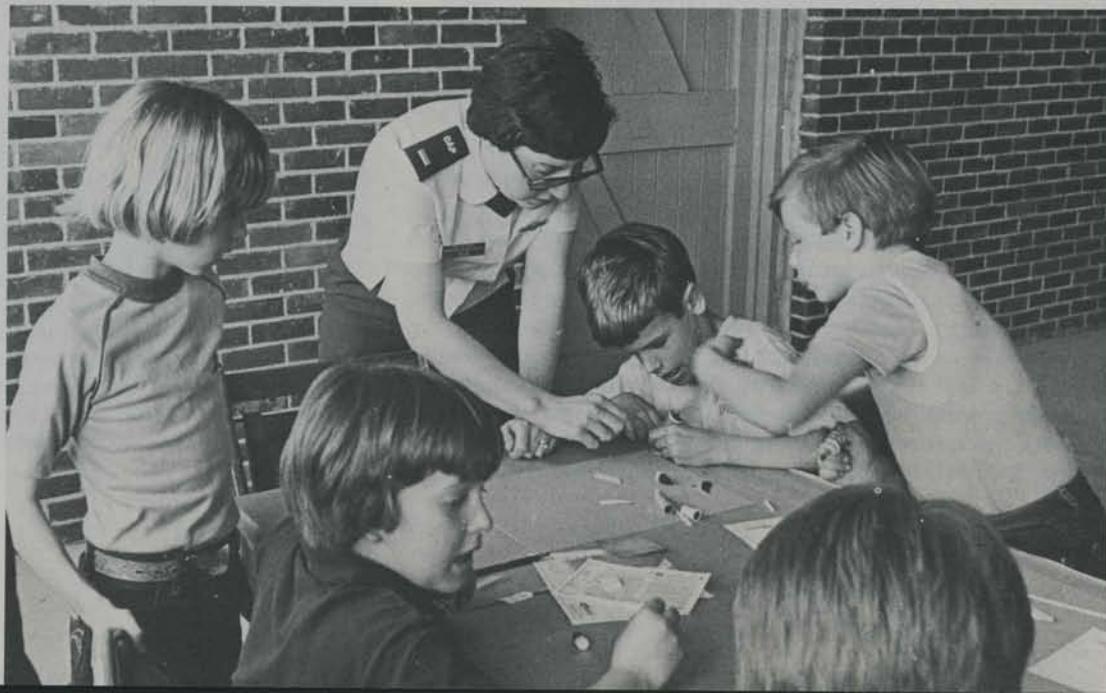
Following the Presentation of Colors and introductions by the Master of Ceremonies, Dr. Edgar B. Wycoff, Associate Professor of Communication at the University of Central Florida, Orlando, and a brief welcome by Brig Gen Howard Brookfield, CAP, National Commander of Civil Air Patrol, the Congress moved into an exciting program.



Vietnam Ace. Steve Ritchie was the keynote speaker at the annual National Congress on Aerospace Education. Ritchie became the Air Force's only pilot "Ace" since the Korean conflict and the only American pilot to destroy five Soviet MIGs in aerial combat during the war in Southeast Asia. (Photo by Rand McNatt)

A wide range of topics from "The Universe at Your Fingertips" (Videodisc) and Aerospace Education to "Hangar Talk" provided something of interest for each participant. Among the outstanding presenters were Mr. Steve Ritchie, Vietnam War Ace; Maj Kevin Collins, USAF, Executive Officer of the "Thunderbirds"; Mr. Walter Boyne, Director of the National Air and Space Museum; Mr. Don Clausen, Director of Special Programs, FAA; Mr. James McDonnell, Jr., Deputy Assistant Director of the Air Force Association; Mr. Ben Casados, Vice President, Educational Programs, Video Vision Associates, Ltd; Mr. Mike Nisos, Managing Director of the Aerospace Education Foundation; and Dr. Jane Caballero, Educational Consultant, Georgia Department of Education.

Museum Workshop. Cathie Muza of Kentucky's CAP Centenary Composite Squadron helps children construct model rockets during a workshop at the U.S. Air Force Museum at Wright-Patterson AFB, Ohio. The museum, in conjunction with Civil Air Patrol and Air Force Reserve Advisors to Civil Air Patrol, conducted two model rocket workshops and a hot-air balloon workshop during 1983. The programs were in observance of the 200th anniversary of Montgolfier's first launch of a hot-air balloon.



The Heritage segment of the Congress continued to be extremely popular, as it gave participants an opportunity to "rub elbows" with such greats of aerospace and aviation as Dr. Paul Garber, Historian Emeritus, National Air and Space Museum; Brig Gen Chuck Yeager, USAF (Retired), the first man to break the sound barrier; Mr. A. Scott Crossfield, X-15 pilot; Col "Gabby" Gabreski, USAF (Retired), America's top living Ace; Ms. Fay Gillis Wells, well-known journalist and aviatrix; and Ms. Mary Feik, author, pilot and engineer.

Another highlight was the Crown Circle Award Ceremony, recognizing sustained outstanding records of achievement in the aerospace arena. Seven new inductees were honored: Mr. Jack Barker, Mr. Clinton Moser, Mr. William Madsen, Mr. Dominick Pisano, Mr. Von Hardesty, Mr. Gordon Higgins, and Mr. Ray Croson.

Plans are underway for the 1984 National Congress on Aerospace Education which will be held at the Astro Village Hotel, Houston, Texas, April 5, 6 and 7.



Aerospace Seminar. World War II "Aces" retired Air Force Col Francis S. Gabreski (left) and retired Brig Gen "Chuck" Yeager addressed attendees at the 1983 National Congress on Aerospace Education held in Las Vegas in early April. The congress was sponsored by CAP, FAA, NASA, and the National Air and Space Museum. (Photo by Rand McNatt)

AEROSPACE EDUCATION MATERIALS

A primary project in the development of aerospace education materials during 1983 was revision of the textbook, *Aerospace, The Challenge*. This book has become the standard teaching/reference text for a variety of audiences, from secondary schools to special college-level courses. In addition, it is used by the U.S. Air Force Junior Reserve Officer Training Corps (AFJROTC) as part of their aerospace science curriculum and by Civil Air Patrol in a self-study format with the Aerospace Education Program for Senior Members (AEPSM). Special treatment of the revision was effected for AFJROTC—the text was divided by subject matter and printed in two volumes. This allowed presentation of selected subject matter to first-year students and save printing costs since fewer copies of the second volume were needed for second-year students.



Academy Appointment. Kimberlei Anne Northrop received a special presentation from Nevada Wing Chief of Staff Don Schwarz during ceremonies in Sparks, Nevada. The seventeen-year-old Cadet Commander of the Tahoe-Truckee Composite Squadron earned the General Carl A. Spaatz Award signifying the highest achievement in the CAP Cadet Program. In addition, she was selected for appointment to the U.S. Air Force Academy for the class entering in July 1983. Kimberlei is a licensed pilot with over 90 hours flying time and is working to check out in a Cessna 182.

Revision of *Aerospace, The Challenge* was accompanied by a rewrite of the text's "Student Study Guide" and "Instructor Guide." In addition, two editions of final examinations were written and printed especially for use in the AEPSM.

Other examinations and aerospace education-type publications were prepared or revised for use in the Civil Air Patrol Cadet Program. Among these were the written examinations and "Cadet Bowl" questions for the annual National Cadet Competition, and the Cadet Program's *Model Rocketry* manual.



Stratotanker Flight. Cadet David Massie of the Texas Wing Talon Composite Squadron was provided a close-up view of aircrew procedures during takeoff of an Air Force KC-135 Stratotanker from Carswell AFB, Texas. David and other members of his unit and members of the Cleburn Composite Squadron were given a five-hour orientation flight and witnessed aerial refueling of other Air Force aircraft.



Academy Grads. Andrew E. Sizemore and Blanche B. Goodwin graduated from the Air Force Academy in the Class of 1983 and were commissioned as second lieutenants in the U.S. Air Force. They are former CAP cadet members of North Carolina's Raleigh-Wake Composite Squadron. They both place high value on CAP cadet training as preparation for entry into the Air Force Academy.

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 and universities and individual schools systems, supported 185 graduate-level workshops in 40 states and Puerto Rico in 1983. Approximately 5,000 educators attended these projects.



Aviation Pioneer. Nevada Wing's Captain Oliver C. "Boots" LeBoutillier shows Cadet Donna Gracie a book about the famous World War I "Sopwith Camel" during the National Congress on Aerospace Education. He learned to fly in 1915 in a Model B Wright Flyer, joined the Royal Canadian Air Force in 1916, and spent the remainder of World War I flying combat in Europe. A member of Civil Air Patrol since the mid-40's, LeBoutillier died in May at age 88.



Oregon Library. Air Force Brig Gen David L. Patton, CAP-USAF Commander, and Maj Alyson Davis, Oregon Wing Chief of Staff, review CAP historical material displayed in the wing's new library. The library was the brainchild of Oregon Wing Historian Capt Marie Walker. (Photo by Richard Burrows)

Civil Air Patrol provided advice, assistance and support in developing curriculum 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.



Board Speaker. Senator Jennings Randolph of West Virginia was welcomed as guest speaker at the CAP National Board meeting banquet by master of ceremonies "Skip" Haley. Senator Randolph, a long standing supporter of Civil Air Patrol, was a sponsor of the 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 Rand McNatt)

THE CADET PROGRAM

One of the three missions of Civil Air Patrol is to provide "a cadet 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.

The program provides cadets with opportunities to develop their leadership skills in an aerospace oriented environment. Learning is achieved through a combination of study and performance and involves both individual and group effort. Cadets learn and develop under the guidance of adult CAP leaders and with the advice and assistance of the U.S. Air Force liaison personnel. Cadets progress at their own pace through a structured program of 15 achievements including aerospace education, leadership, and 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 E-3 should a Mitchell Award recipient choose to enlist in the U.S. Air Force.

INTERNATIONAL AIR CADET EXCHANGE (IACE)

The IACE program is conducted to foster international understanding, goodwill, and friendship among young people who share a common interest in aviation. The program was initiated by the Air Cadet League of Canada and the Air Training Command of Great Britain in 1947. Civil Air Patrol, with the assistance of the U.S. Air Force, entered the exchange in 1948. The program has continued and grown over the years with some 40 countries participating at one time or another.

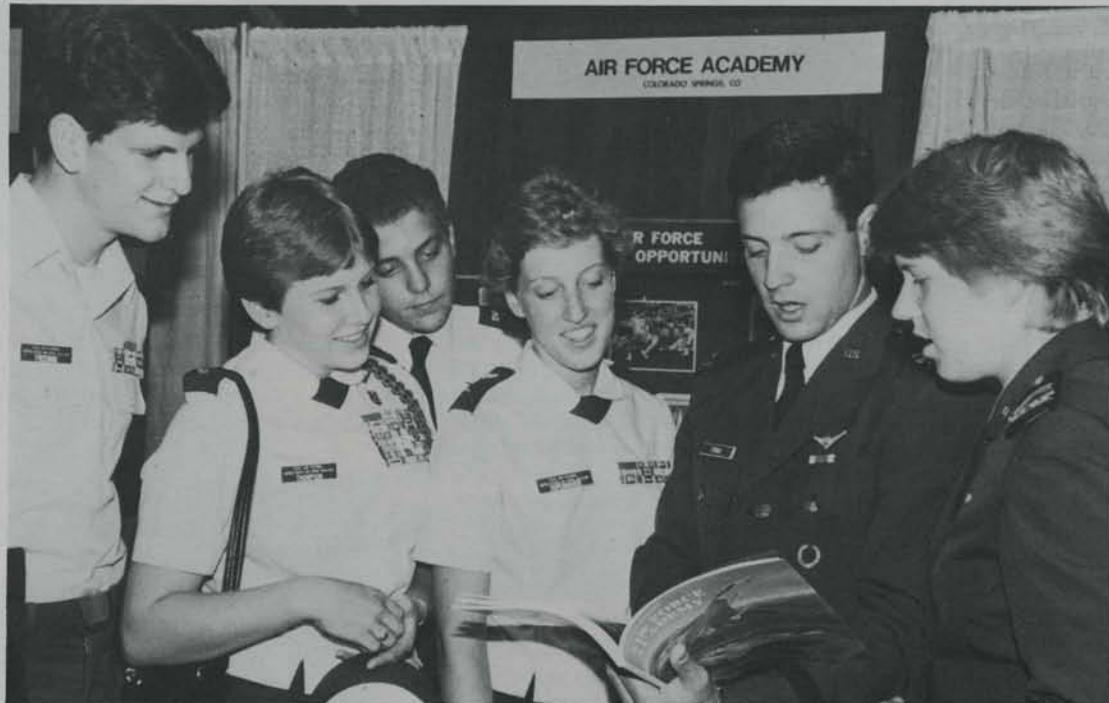
During 1983, 106 cadets and 21 senior escorts were exchanged with 15 countries. The exchanges with Canada and 11 European/Middle East countries were arranged through the IACE Association. Exchanges with IACE Association nonmember countries were negotiated bilaterally. Of the Pacific countries invited to participate in the 1983 exchange, Japan, Philippines and Singapore accepted.

Sponsoring organizations in each country provided their visitors with a variety of activities such as tours of Air Force installations, aerospace industries, and museums; visits to airports and air traffic control facilities; orientation flights in gliders and powered aircraft; and sightseeing trips. During the 19-day program, visiting cadets usually stayed in the homes of host families to enhance mutual understanding and cultural exchange.



Officer School. Cadets concentrate on solution to simulated emergency services problem during the annual Civil Air Patrol Cadet Officer School held at Gunter AFS, Alabama for 106 CAP cadets. The purpose of the school was to equip cadets with leadership and management principles for application in their hometown CAP units. (Photo by Rand McNatt)

Academy Display. Air Force Academy cadets Dominic Strug and Elizabeth Wright attend the CAP National Board meeting to provide information on the Academy and career opportunities in the Air Force to CAP cadets and cadet leaders in attendance, left to right, Mike Freeman, Andrea Thompson, Mark Schadt and Virginia Copenhaver. Dominic is a former cadet member of the CAP Michigan Wing and Elizabeth was a member of the Louisiana Wing. Civil Air Patrol is a prime source of nominees for Academy appointments. (Photo by Bill Madsen.)



FLIGHT TRAINING

Civil Air Patrol allocated \$33,000 in its fiscal year 1983 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.

Preflight Check. Cadet Darcy Dilling checks the oil level in her aircraft prior to one of two daily flights during the Minnesota Wing Cadet Solo Flight Encampment. All 16 cadets at the encampment soloed on schedule.



Also, all CAP cadets may 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 1983, the 52 wings and overseas units were partially reimbursed for the expense of providing over 3300 cadets their first flight experience through a locally conducted orientation flight.

CADET ENCAMPMENTS

Attending an encampment can be one of the most rewarding experiences in a cadet's life. In most cases the encampment is the cadet's first exposure to the everyday excitement and challenge of the aerospace world. Cadets get a first-hand look at military life style. But, most importantly, they get the opportunity to apply the knowledge gained in the cadet program to practical situations.

The encampment is a significant event in the structured cadet program. The knowledge and experience gained opens the door to advancement and further opportunity. It is a prerequisite to the completion of the first seven of the 15 structured achievements, and the attaining of the General Billy Mitchell Award which is the first major milestone in 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.

During 1983, a total of 5,878 CAP cadets and 1,050 CAP senior members attended encampments. Encampments were conducted at 28 Air Force bases and at 18 other Department of Defense facilities. An additional 21 encampments were conducted at non DOD facilities.



Cadet Competition. The CAP Illinois Wing team, representing the CAP Great Lakes Region, performs innovative drill during the 1983 National Cadet Competition held at Maxwell AFB, Alabama in late December. The team won the USAF Chief of Staff Sweepstakes Trophy in the closely contested two-day event that test a 16 member team from each of the eight CAP regions in precision drill, physical fitness and aerospace knowledge. (Photo by Rand McNatt)

CADET SPECIAL ACTIVITIES

In addition to opportunities for attending encampments and locally planned activities, cadets may also qualify to participate in a number of nationally conducted special activities. A total of 558 cadets participated in special activities in 1983. The most glamorous was the INTERNATIONAL AIR CADET EXCHANGE which involved 106 cadets and 21 adult escorts in a 19-day exchange with 15 other countries. THE CADET OFFICER SCHOOL conducted at Gunter Air Force Station, Alabama and taught by Air University faculty was attended by 106 cadets from 34 CAP wings. The ten-day course featured the development and application of basic leadership and management skills.

THE NATIONAL CADET COMPETITION conducted at Maxwell AFB, Alabama, during the last week in December, was attended by 128 cadets and 32 escorts. A sixteen-member team from each of the eight CAP regions participated in the competition and was tested in aerospace knowledge, physical fitness, and precision drill. The Illinois Team representing the CAP Great Lake Region was Sweepstakes Winner in the competition.

The Air Training Command (ATC) hosted the ATC FAMILIARIZATION COURSE at three ATC Undergraduate Pilot and Navigator Training bases to acquaint 97 cadets participants with the specific activities of ATC as well as to stimulate an interest in the USAF as a career. Participating bases were Mather AFB, California; Laughlin AFB, Texas; and Columbus AFB, Mississippi. The PARARESCUE ORIENTATION COURSE taught by instructors from the USAF Pararescue School was attended by 121 cadets from 40 wings. The purpose of the course was to instruct cadets in the various techniques used in rescue operations. Due to the lack of transportation to and from this exceptionally popular program, the course was limited to three locations. They were: Kirtland AFB, New Mexico; Fort Knox, Kentucky; and George Washington National Forest, Virginia.



Uniform Check. Cadet Ellen Glunz makes a precise measurement of the placement of the nametag on Cadet Lisa Cales' uniform during a cadet encampment at Myrtle Beach, S.C. for 32 South Carolina Wing cadets. (Photo by Harold Huffman)



Illinois Solo. Cadet Tom May (left) received last minute instructions from flight instructor Randy Dean prior to his solo flight. Fifty-three cadets earned their solo wings at the annual Illinois Wing Flight Encampment conducted at the Coles County Airport near Mattoon, Illinois during June. The program provided glider instruction for 30 cadets, powered flight training for 20, and five received training in hot air balloons.

Glider Training. A CAP Hawaii Wing aircraft tows a glider aircraft aloft for an Alaska Wing cadet to solo during Hawaii's annual glider aircraft flight encampment. Twenty-three Alaska wing cadets were provided eight hours of flying time broken down into two 30 minute flights per day and then, with instructor approval, were allowed to solo. (Photo by Virginia Smallwood)



Navy Support. The Naval Training Center at Orlando, Florida hosted a two week encampment for 200 Florida Wing cadets. In addition to the routine academic and physical fitness activities, an orientation flight for each cadet was provided by CAP pilots using 23 private and CAP corporate aircraft. "Fly Day" was the highlight of the encampment and the subject of the dining hall discussion between cadets (left to right) Melanie Star, Denise Field and Flora Schule. (Photo by Sid Birns)



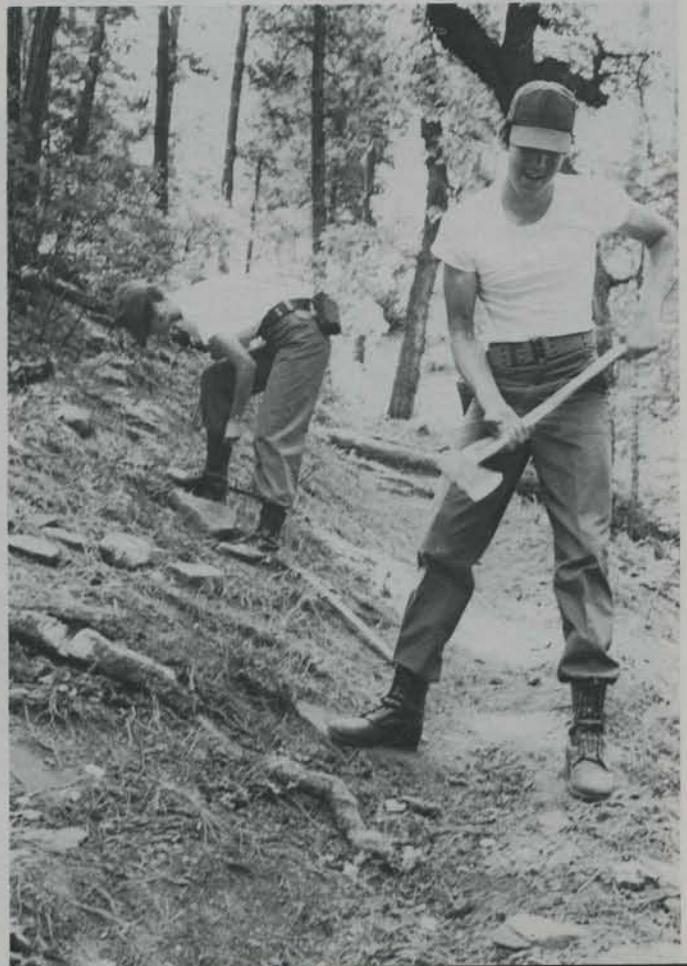
SCHOLARSHIP PROGRAM

In 1983, the Civil Air Patrol, through its National Scholarship Program, provided a total of \$35,500 to 60 of its members to supplement their college or vocational-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.

Trail Blazing. Arizona cadets Linda Klossner and Mike Przbylski clean debris from a hiking trail that winds along the Mogollon Rim in the Tonto National Forest. The Glendale Composite Squadron and the Sky Harbor International Squadron together have taken responsibility for a portion of the 51 mile trail under the U.S. Forest Service "Adopt-A-Trail" Program in northern Arizona. Unit members initially worked to clear the trail but their continuing responsibility will be to maintain and improve it. (Photo by Pat Elwood)



Blue Berets. CAP National Vice Commander William B. Cass, left, and CAP Executive Director and CAP-USAF Commander David L. Patton, USAF, inspect cadets attending the North Central Region Special Service Corps Encampment. The activity, also known as "The Blue Berets," was attended by 120 cadets from 20 CAP wings and consisted of one week of training at Fort McCoy, Wisconsin followed by a week at the Experimental Aircraft Association airshow at Oshkosh, Wisconsin. Cadets assisted with the control and parking of aircraft and performed other support duties during the airshow. (Photo by Rand McNatt)



SENIOR MEMBER TRAINING

In its 1946 Act to incorporate Civil Air Patrol, Congress declared that an objective of the corporation would be "to provide aviation education and training, especially for its senior and cadet members." Civil Air Patrol attracts a diverse group of members with varied education and skill levels which makes a strong and standardized training program a basic necessity. Members are trained to work with cadets and senior members, and in specialties required for the emergency services mission. Members are also trained to accomplish the day-to-day jobs in areas such as personnel, administration, logistics, and finance. Because of the volunteer nature of the organization, senior member training is a continuing process.

The CAP National Headquarters Senior Member Training staff identifies training needs and develops programs which enable senior members to more effectively accomplish the missions of Civil Air Patrol. The staff works with CAP members in the field at all levels to develop curriculum for courses to be conducted by CAP personnel. The CAP Senior Training Program is organized into five levels.



Garber Award. Maj Paul A. Willard of the Arkansas Wing was presented the CAP Paul A. Garber Award by Dr. Garber in recognition of completion of Level IV of CAP's Senior Member Training Program. Dr. Garber is Historian Emeritus of the National Air and Space Museum. In addition to his CAP service as Public Affairs Officer for the Arkansas Wing, Maj Willard is also an Air Force Officer and a missile combat crew commander at Little Rock, AFB, Arkansas. (Photo by Rand McNatt)

Level I. CAP Orientation Course (Membership Award)

The Level I CAP orientation course consists of two parts. The first part provides basic instruction in such areas as the history and organization of CAP, career development programs, activities, CAP customs and courtesies, proper wear of the CAP uniform and exposure to basic leadership and management principles through a kit of materials known as the Senior Member Handbook. Each senior member is provided this material upon joining. The second part of the course is a slide/tape presentation reinforcing these areas.



Staff College. Maj Frank B. Thornburg, left, and Col Jack R. Hornbeck were among the 55 attendees at the CAP National Staff College held at Maxwell AFB, Alabama. According to the staff college director, Col John A. Vozzo, "The purpose of the college is to provide CAP field grade officers the type of experiences needed to operate complex programs within and outside CAP."

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

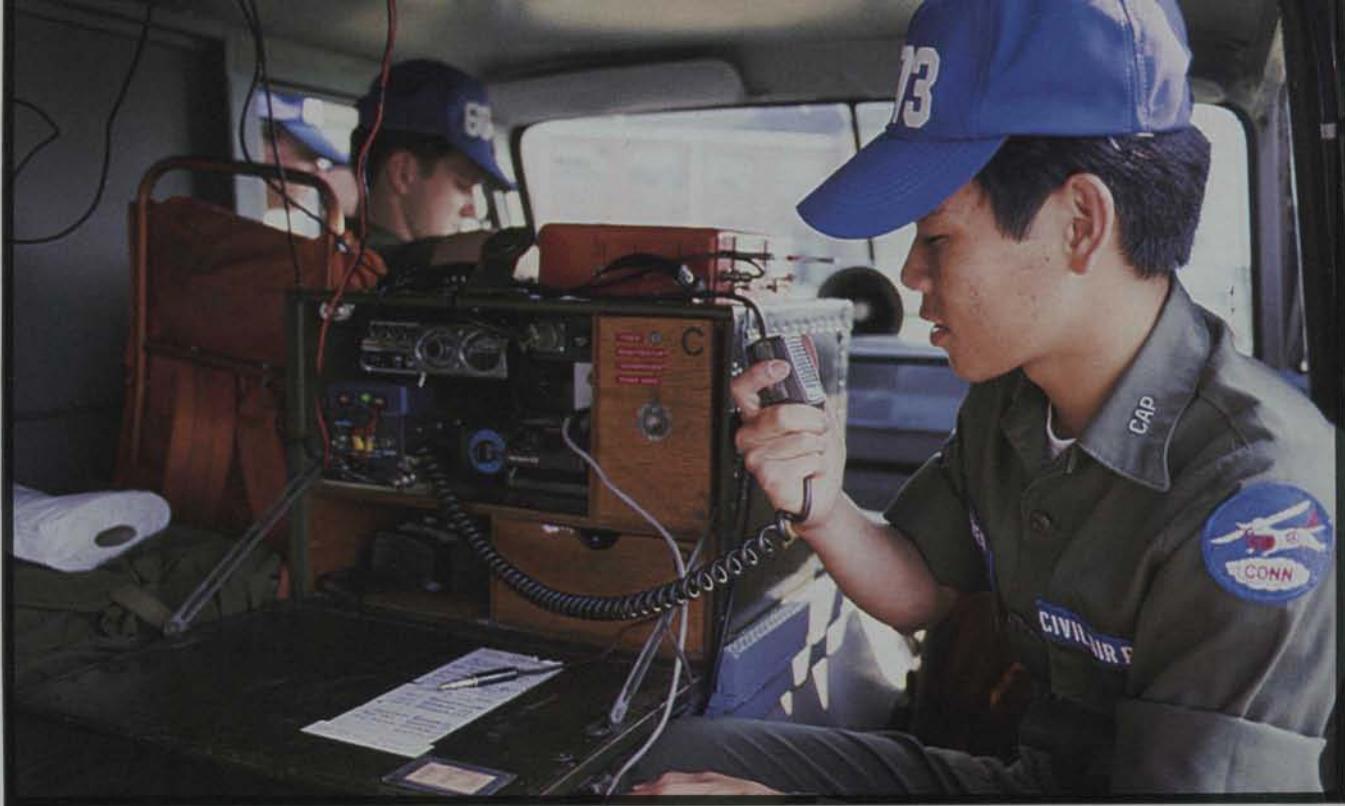
The senior member begins to train in one or more of the CAP specialties and learns to perform unit functions. Study guides are provided and the trainee is encouraged to study CAP directives pertaining to the specialty. Often new members train under an experienced member in an on-the-job training situation.

CAP Squadron Leadership Schools are conducted locally to augment training in Level II specialties. In these weekend schools, members are provided a working knowledge of all specialties and are given in-depth instruction in the specialty of their choice. Upon completion of a technician rating, the senior member is awarded the Leadership Award Ribbon. Members also learn to handle certain CAP-unique leadership and counseling situations, and receive instruction on planning unit meetings and activities. Perhaps as important as the stated course objective is the opportunity for members from the same geographical areas to get to know each other which often results in more cooperation between units in developing and conducting activities.

In addition, senior members study a CAP Officer Course administered by the Extension Course Institute (ECI) at Gunter Air Force Station, Alabama.

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

Central to this training is the Corporate Learning Course. This course is conducted over a weekend and concentrates on the provisions of specified regulations, pamphlets, and manuals of CAP. It is designed to provide the senior member with the practical knowledge necessary for squadron management. This course was introduced as part of the Senior Member Training Program in September of this year. A requirement to hold a command or staff position for one year, advancement to the senior rating in the specialty area begins in Level II and participation in CAP activities above the squadron level completes this phase of training.



Cadet Doan Nguyen of the CAP Connecticut Wing conducts a radio check prior to a ground team exercise during the fourth annual Northeast Region Search and Rescue Competition held at Westover AFB, Massachusetts, during July. The event brought together more than 350 Civil Air Patrol participants and Air

Force evaluators from the nine CAP wings that comprise the Northeast Region. Each wing was evaluated and scored on aircrew, ground team and mission coordinator performance. The New Hampshire Wing placed first, with New York and New Jersey as close runner-ups. (Photo by Rand McNatt)

Cadets at evening formation during the Ground Search and Rescue School at Hawk Mountain, Pennsylvania. The activity attracted 139 CAP cadet and senior members for a week of training and living in the wilderness. Most of the training, including a

three-day mountain survival exercise, was conducted in the field under conditions that would be encountered on actual ground search and rescue missions. (Photo by Rand McNatt)





CAP Senior member Amanda Erdman and Lt Col Richard Runyan maintain radio contact with teams participating in field training exercises at the Hawk Mountain, Pennsylvania, Ground Search and Rescue School. The mobile communications station was on a 24-hour operating schedule. (Photo by Rand McNatt)



1st Lt Carter Jones of the Georgia ground rescue team calls for assistance for a simulated victim during the annual Southeast Region Search and Rescue Competition conducted at Knoxville, Tennessee, during May. The competition serves to test and upgrade skills in the various aspects of the CAP search and rescue mission. The Georgia and Tennessee wings tied for first place in the exercise. (Photo by Rand McNatt)



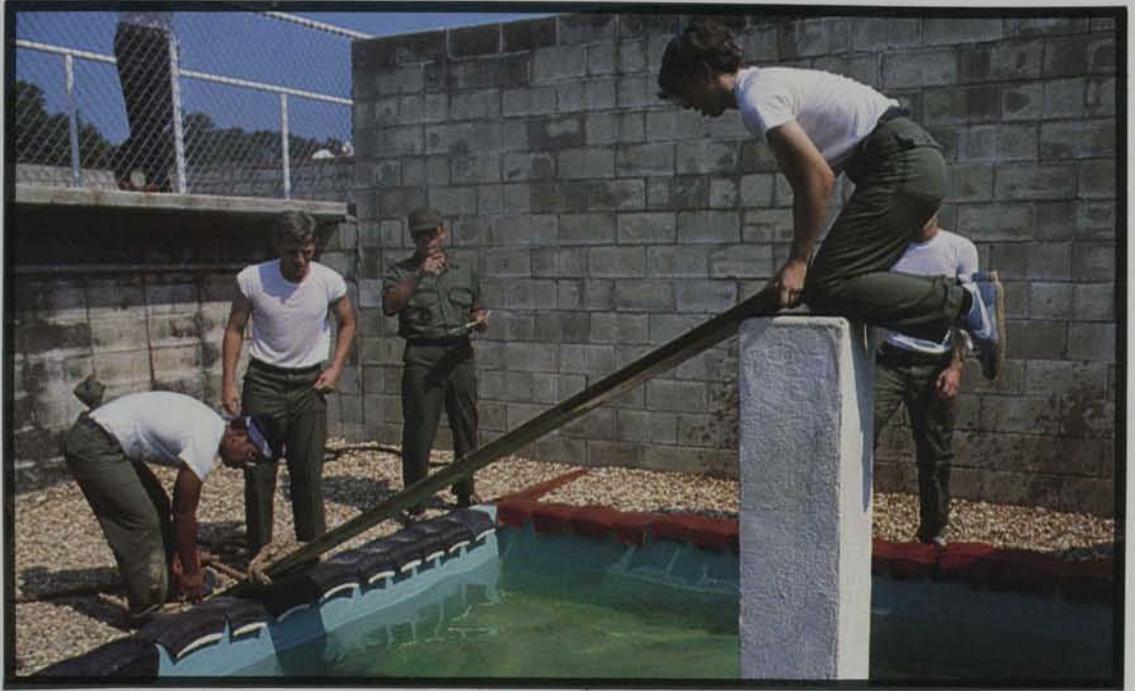
The sixteen member team of CAP cadets from the Bronx Group of the New York Wing won top honors in the Civil Air Patrol National Cadet Competition conducted at Maxwell AFB, Alabama in December 1982. In April 1983, several team members visited the Pentagon and were presented the Air Force Chief of Staff

Sweepstakes Trophy by General Jerome F. O'Malley, then Air Force Vice Chief of Staff. Cadet Hector Marceyda holds the trophy while General O'Malley attaches a CAP Unit Citation Award streamer to the Bronx Group guidon held by Cadet Mark Springer.

The cadets also visited their Congressman from the Bronx District of New York City, Representative Tom Garcia, and presented him a copy of the 1983 CAP Annual Report to Congress: left to right, Cadets Douglas Thompson, Rafael Estevez,

Felix Alicia, and Mark Springer. The New York cadets then assisted National Capital Wing cadets in delivering a copy of the CAP Annual Report to each member of Congress. (Photos by Rand McNatt)





The annual Civil Air Patrol Cadet Officer's School held at Gunter AFS, Alabama was attended by 106 students from 29 states and Okinawa. The ten-day program was designed to equip cadets with leadership and management principles for everyday use and advancement in the CAP Cadet Program. In addition to softball and volleyball, 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)

Aerospace Education is one of the three basic missions of Civil Air Patrol. It is accomplished through both internal and external programs. Internally, aerospace education is incorporated into the cadet and senior member training programs. The external program is designed to add to the aerospace knowledge of the

general public and is conducted through aerospace education workshops for teachers. Civil Air Patrol, in cooperation with colleges, universities, and individual school systems, supported 185 graduate-level workshops in 40 states and Puerto Rico during 1983 with 5,000 educators in attendance.



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

This level is designed to prepare the senior member for high level leadership in CAP. Members at this level are expected to represent CAP in their communities. Presentations before local civic clubs, church groups, and governmental agencies are examples of this representation. As part of his/her training, the senior member attends a one-week staff college conducted yearly in each of the eight CAP regions. These colleges provide training in communicative, leadership, and management skills to squadron level command and staff officers. A total of 256 senior members graduated from region staff colleges in 1983. The senior member is also required to take a more active role in national, regional, or wing events and continue his/her services in a command or staff position.



Number One. The "Top 8 of the 80's" award is given under the Civil Air Patrol Management Analysis Program (CAP-MAP) in recognition of the top performing wing in each of the eight CAP regions. Indiana Wing Commander George W. Young, left, was presented the award by National Commander Howard L. Brookfield in recognition of his wing's achievement in competition with other wings of the Great Lakes Region. Also, in recognition of having the highest score in the overall competition, the Indiana Wing was named "Number One in the Nation." (Photo by Rand McNatt)

Level V. Executive (Gill Robb Wilson Award)

Senior members at this level take a more active responsibility for CAP activities. They are required to serve as a staff member in one of the CAP training programs and to continue in a unit command or staff position. The senior member attends the ten-day National Staff College (NSC) conducted annually at Maxwell AFB, Alabama. This college provides advanced leadership/management training, an insight into international affairs and higher awareness of CAP policies on a national level. The NSC makes extensive use of the facilities and faculties of the USAF Air University's Professional Military Education schools. Both graduate and undergraduate academic credit are available for completion of the college. During 1983, 56 senior members graduated from this college.

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:

- **Flight Clinics.** Civil Air Patrol promotes flight safety by providing financial assistance to CAP pilots who attend a flight clinic sponsored by the Civil Air Patrol 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 during the clinic.

- **National Search and Rescue (SAR) School.** The National SAR School is designed to enhance the professionalism of SAR mission coordinators. In 1983, 26 CAP personnel attended the one-week course conducted by the USAF and USACG at Governor's Island, New York. An additional school was conducted at Kirtland AFB, New Mexico, for 24 CAP members on the west coast.



Memorial Dedication. A memorial in the form of an O-1 "Bird Dog" aircraft mounted on a pedestal in front of the CAP National Headquarters was dedicated during the December meeting of the CAP National Executive Committee meeting. Brig Gen Howard L. Brookfield assisted by 1st Lt Janet Chokan unveiled the memorial plaque honoring CAP members who gave their lives during the performance of missions in the interest of their country and their fellow Americans. Lt Chokan is the widow of the late Maj Gregory Chokan of the Ohio Wing. (Photo by Rand McNatt)

● **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.

● **Mission Training Exercises.** Emergency service training and upgrading programs are conducted by each Civil Air Patrol wing 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 CAP 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 test exercises is training gained through the opportunity provided to practice mission skills under realistic conditions.

● **Federal Emergency Management Agency (FEMA).** FEMA is the central point of contact within the federal government for emergency management, from local disasters to nuclear war, and extends through all levels of government and the private sector. A revised aerial radiological course and a new aerial damage assessment course are being developed by FEMA, which will greatly enhance the CAP emergency services capability to support civil defense operations. Consideration is also being given by FEMA to include CAP in future selected national-level civil defense exercises.

● **Communication Training**

Annual communications schools are conducted by the CAP Northeast Region at Kutztown State College, Kutztown, Pennsylvania, and by the Great Lakes Region at Rickenbacker AFB, Ohio, Columbus, Ohio. The schools were open to senior and cadet members and provided specialized training in communication procedures



Commander's Award. Air University Commander, Lt Gen Charles G. Cleveland, left, presented the Air University Commander's Safety Award for Calendar Year 1982 to CAP Southeast Region. Col William C. Tallent as Commander of the Southeast Region accepted the award on behalf of all members of the region. CAP National Commander Howard L. Brookfield, center, witnessed the presentation during the annual CAP National Board meeting in Las Vegas. General Cleveland said the award was a first in the history of CAP and indicated Air University's and the Air Force's continuing concern for and support of outstanding safety achievement. (Photo by Rand McNatt)

and techniques that qualified attendees for CAP Communications Officer positions in their CAP unit of assignment.

The Radio Operator Permit Course was the first level of study offered. The student received classroom instruction prior to taking the Civil Air Patrol Radio Operator Permit Test. At the second level of study, management courses were taught and students received instruction and guidance in carrying out the responsibilities of unit Communications Officers and mission Communications Officers. The third level of study was a basic electronics course with Air Force ECI books used as study references. The fourth level of study was an advanced electronics course where complicated electronics equipment, antenna characteristics, and electronics theory were studied.



Outstanding Member. Col Robert G. Rubens was recognized as Civil Air Patrol's Outstanding Senior Member of the Year during an awards ceremony at the annual meeting of the CAP National Board in Las Vegas. Ceremony participants were from left, Air University Commander, Lt Gen Charles G. Cleveland, USAF; Col Rubens, CAP; and CAP National Commander, Brig Gen Howard L. Brookfield. At a special meeting of the CAP National Executive Committee following the National Board Meeting, Col Rubens was elected to the position of CAP National Finance Officer. (Photo by Rand McNatt)

Communications Course. Donald Deetjen, right, served as an instructor at the Great Lakes Region Communications school held at Rickenbacker ANG Base, Ohio for 75 CAP cadets and senior members. Curriculum was taught from textbooks written by members of the Great Lakes Region and practical experience was provided through a variety of base and portable radio equipment. (Photo by Rand McNatt)



CAP CHAPLAINCY

The CAP chaplaincy, with nearly 1,000 men and women representing 125 religious denominations serving as CAP chaplains, is the largest volunteer chaplaincy in the world. These clergy from the civilian sector play a specialized and vital role in the religious life, morale, and morals of the approximately 68,000 Civil Air Patrol cadets and senior members. Each chaplain is carefully screened for professional competence and then must receive ecclesiastical endorsement by his or her denomination. The CAP chaplain force is augmented by some 350 visiting clergy (not members of Civil Air Patrol) who conduct the cadet moral leadership training program in squadrons that are without an appointed chaplain.

A Specialty Training Program for CAP chaplains became available 15 June 1983. The writing culminated 18 months of research and collecting of resources and data. The course was edited and put into Air Force Extension Course Institute format and is now ECI Course 02210. It is the first formal chaplain training course specifically designed for CAP chaplains on a national level in CAP history. This course, "The CAP Chaplain" focuses on the functions of the ministry within the CAP environment, and meets the requirements of CAP Level II training for a Certificate of Proficiency. It is designed to introduce clergy to the CAP chaplaincy; assist them in learning to apply their professional skills in the CAP environment; increase their ability to work as a team with clergy of various faiths; sharpen their skill as team members in guiding and counseling individuals; increase their confidence in their ability to serve effectively as CAP chaplains; and help them comprehend the role of the CAP chaplain in relationship to their denomination and the CAP.



Silver Medal. Lt Col Richard L. Anderson of the CAP Arkansas Wing was presented the CAP Silver Medal of Valor by Brig Gen Howard L. Brookfield, CAP, National Commander for conspicuous heroic action in saving the life of a critically injured victim of an automobile accident. Anderson earned the General Carl A. Spaatz Award and Colonel Frank Borman Award as a CAP cadet and holds the Gill Robb Wilson Award as a senior member. He is presently an active duty Air Force Captain assigned to the 308th Strategic Missile Wing at Little Rock AFB, Arkansas. (Photo by Paul Willard)



Moral Leadership. CAP Chief of Chaplains Frank Ebner, center, and left to right, Air Force Reserve Chaplains Marvin Sackchewsky, Roch Coogan, Walter Strobel and Donald Wisse spent two weeks at CAP National Headquarters developing new materials for CAP's Moral Leadership Program. They wrote a new volume in the "Values of Living" series of publications used in the CAP Cadet Moral Leadership Program and a chaplains training program publication titled "Chaplains Helping Chaplains" which will be offered through the Air Force's Extension Course Institute. (Photo by Rand McNatt)

1983 HIGHLIGHTS

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

Ch, Major, George L. Moore, Palomar Cadet Sq 47, California Wing, received the Thomas C. Casaday Unit Chaplain of the Year Award.

Ch, Lt Col, Angel L. Seda, CAP, Puerto Rico Wing Chaplain was presented the CAP Chaplain of the Year Award.

Principal speaker at the Civil Air Patrol National Chaplain Meeting in Las Vegas, NV was Chaplain, Brigadier General, 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, NC.



Best Squadron. The Franklin County Composite Squadron of the Illinois Wing was selected as the Squadron of Distinction for 1983 in competition with all other CAP squadrons. Squadron Commander Maj John L. Skinion accepted the Squadron of Distinction Award, Unit Citation Award, and a \$500 honorarium on behalf of members of his unit. The presentation was made by CAP National Commander Howard L. Brookfield, right, and CAP Executive Director David L. Patton during the annual meeting of the CAP National Board in Las Vegas. (Photo by Rand McNatt)

SUPPORT FOR CIVIL AIR PATROL

Congressional Support

During 1983, the 98th Congress approved a substantial increase in the Federal Employees Compensation Act (FECA) benefits for CAP members killed or injured on Air Force authorized missions. Under the original 1956 law, a CAP widow received \$135 per month and a totally disable member received a maximum of \$220 per month. The new law provides a Civil Air Patrol widow \$774 per month and a totally disabled CAP member a maximum of \$1,135 a month.

The basic congressional support 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 Forces as the Secretary of the Air Force considers to be needed by CAP to carry out its mission.

c. Authorized reimbursement for POL 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.

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

Spatz Winner. The General Carl A. Spatz Award was presented to Cadet John R. Abuja of the Illinois Northbrook Cadet Squadron by U.S. Representative John E. Porter. Abuja is a high school senior and hopes to be accepted to attend the U.S. Air Force Academy.



Outstanding NCO's. Sgt. William A. Dolan (left) and MSgt. Wilburn H. Long were recognized as the Outstanding NCO and Senior NCO for 1983 and presented appropriate awards by Air Force Brigadier General David L. Patton, Commander HQ CAP-USAF and CAP Executive Director. Both Dolan and Long are assigned to HQ CAP-USAF at Maxwell AFB, Alabama which also functions as the National Headquarters of Civil Air Patrol. (Photo by Rand McNatt)

Air Force Liaison Support

Under Public Law 557, the Secretary of the Air Force is authorized 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 exist in the person of the CAP-USAF Commander, Brigadier General David L. Patton, 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, General Patton directs USAF support of Civil Air Patrol and commands all Air Force personnel assigned to Headquarters CAP-USAF and the eight region and 52 wing liaison officers.

As a private citizen, he acts as 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 General Patton in both functions.

In each of the eight USAF-CAP liaison regions, (which correspond to the eight 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 Charles G. Cleveland.

Air Force Reserve Support.

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

The 433 Air Force Reservists assigned to the CAP program work primarily at 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 cadets and senior members and serve as staff officers and advisors at summer encampments, flight clinics and leadership workshops.

In Fiscal Year 1983, USAF Reservists provided 6,798 mandays of support to the CAP. Reservists also served more than 17,000 mandays of non-paid, or points-only, advice and assistance time.

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

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

Reservists help CAP members develop recruiting and retention programs; formulate operation, 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 eight CAP regions.



Reserve Instructor. Capt Dennis Price was one of several Air Force Reserve officers and non-commissioned officers who served as instructors for the annual Civil Air Patrol Cadet Officer School conducted at Gunter AFS, Alabama. They were on temporary active duty while performing this function, but reservists also assist local CAP units in an inactive duty status. (Photo by Rand McNatt)



Supply Depot. Bill Renfroe (left) and Bob Exner received a newly-acquired aircraft fuselage for storage at the CAP Supply Depot in Amarillo, Texas. If repairable, the aircraft will be placed back in service under the CAP Aircraft Modernization Program; otherwise its useable parts will be removed for use in other CAP aircraft. The depot has an inventory of 21,000 different items for support of 57 different types of CAP corporate owned and member owned aircraft. (Photo by Rand McNatt)

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 565 CAP corporate-owned aircraft, consisting of 57 different makes and models. Parts for the DOD excess aircraft are usually unavailable from other sources. Excess DOD aircraft spare parts are not provided 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.

Navy Support. The U.S. Naval Station Roosevelt Roads, Puerto Rico, provided outstanding support for the week-long encampment for cadets of the CAP Puerto Rico Wing. Lt Col Bartolo Ortiz, (right) Puerto Rico Wing Director of the Cadet Program, presented the Station Commander, Captain J. W. Heathly, a plaque to express appreciation for the Navy's hospitality and support. (U.S. Navy photo by J. Holt)



STATE SUPPORT

Thirty-nine states appropriated funds to support their respective Civil Air Patrol Wings for Fiscal Year 1984. The total provided amounted to \$2,461,246. This recognition and support of Civil Air Patrol by state governments is greatly needed and appreciated.

WING	AMOUNT	WING	AMOUNT	WING	AMOUNT	WING	AMOUNT
Alabama	\$ 40,000	Kentucky	\$ 15,000	New Mexico	\$ 74,800	South Dakota	\$ 19,609
Alaska	833,000	Louisiana	73,050	New York	6,253	Tennessee	57,960
Arizona	69,996	Maine	5,000	North Carolina	82,000	Texas	20,800
Arkansas	45,476	Maryland	27,000	North Dakota	51,295	Utah	25,000
California	98,000	Minnesota	37,300	Ohio	3,500	Vermont	5,000
Colorado	87,299	Mississippi	20,000	Oklahoma	25,000	Virginia	52,896
Connecticut	15,000	Missouri	7,700	Pennsylvania	100,000	Washington	12,500
Florida	50,000	Nebraska	6,815	Puerto Rico	30,000	West Virginia	89,000
Georgia	40,000	Nevada	30,000	Rhode Island	11,000	Wyoming	2,500
Illinois	143,000	New Hampshire	69,645	South Carolina	78,852		

TEN YEARS IN REVIEW

Year	No. Wings	Amount	Year	No. Wings	Amount
1974	33	\$1,094,566	1979	38	\$1,823,572
1975	33	1,230,737	1980	39	2,200,623
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

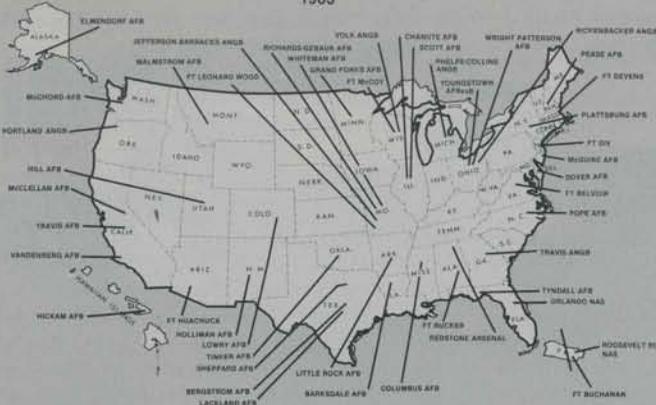


Highest Achievement. Cadet Sean Neal of Pennsylvania's Falcon Flyers Composite Squadron accepted the General Carl A. Spaatz Award from Pennsylvania Governor Richard Thornburgh. While working toward earning CAP's highest cadet award, Sean acquired his private pilot license and multi-engine license. He has since become a senior member and now serves as squadron air operations officer.



Virginia Visit. The CAP Virginia Wing hosted International Air Cadet Exchange Cadets from Israel during their visit to this country. They met with Virginia Governor Charles Robb and presented him with gifts from their country.

**DOD FACILITIES
CADET ENCAMPMENTS
1983**



**HOST WINGS FOR IACE CADETS
CADET ACTIVITIES
1983**



ASSOCIATION WITH OTHER ORGANIZATIONS

The success of most volunteer organizations is achieved through the dedication of members who contribute their time, talents and resources in support of worthwhile causes. Various organizations also work together in support of common objectives. Civil Air Patrol is associated with other local, national and international organizations in areas of mutual interest.

Air Force Association. (AFA). The AFA is a long-standing strong supporter of Civil Air Patrol in all three of its basic missions at the national and local levels. AFA actively participates in the National Congress on Aerospace Education and presents a special AFA award to CAP's Cadet of the Year during the CAP National Board Meeting each year.



AFA Award. CAP's Outstanding Cadet of the Year, Eric A. Boe, was presented a special Air Force Association Plaque by retired Air Force Maj Gen Daniel F. Callahan, a national director of the Air Force Association. The Georgia Wing cadet is now attending the Air Force Academy. (Photo by Rand McNatt)

Federal Aviation Administration (FAA). The FAA served with CAP, NASA and the National Air and Space Museum as cosponsor of the 1983 National Congress on Aerospace Education held in Las Vegas in April. The FAA is continuing to work with the Federal Emergency Management Agency, Civil Air Patrol and the Air Force to develop a management plan for the nation's non-air carrier aircraft fleet during national emergencies. The FAA is a major source for safety speakers and material used at CAP sponsored flight clinics and safety programs.

Order of Daedalians. This multi-service fraternal organization of military pilots supports CAP 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 1983 were Renate Johnston of the CAP Ohio Wing and Robert Osborn of the CAP Missouri Wing. The scholarships were used for ground and flight training toward an FAA private pilot certificate.

Salvation Army. The Salvation Army is chartered by Congress and charged in the Federal Disaster Relief Act of 1970 with responsibility to assist persons in need as a result of disaster emergencies. Emergency services is also a mission of Civil Air Patrol and to help ensure that the maximum potential of both organizations to assist persons in need 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.

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 Lt Col James Bigelow of the California Wing represents Civil Air Patrol on the NASAR Board of Directors.

Optimist International. The Optimist International urges Optimist Clubs to extend and enrich their service to their communities by sponsoring Civil Air Patrol cadet units.

American National Red Cross (ANRC). The Civil Air Patrol and the American Red Cross continued their close cooperation during the past year which culminated in a revised national agreement. A 1982 statement of cooperation between the ANRC and CAP defines the methods of cooperation between the two disaster relief organizations. When CAP is engaged in search and rescue or disaster relief operations in remote areas, Red Cross support may be requested for feeding, support vehicles, medical teams, and notification of next of kin when a fatality occurs. CAP may support the Red Cross with communications, ground transportation, shelter manpower and air transportation to include the movement of blood.



Mutual Support. American National Red Cross officials Bobby Baines (right) and Milford Fink (left) met at CAP National Headquarters with Jack Berry, Chief of CAP Disaster Preparedness, to discuss increased cooperation between the two organizations in disaster related activities. The Red Cross officials later went to Mississippi by CAP aircraft to participate in flood damage assessment. (Photo by Rand McNatt)



Drill Training. CAP Cadet John MacTavish demonstrates drill maneuver as Marine Corps Gunnery Sergeant G. N. Copeland explains drill techniques during the Cadet Drill Instructors School in San Diego. California's Salesian Composite Squadron sponsored the school which was conducted at the U.S. Marine Corps Recruit Depot and taught by Marine Corps drill instructors assigned to the depot. In addition to CAP cadets, the 80 students attending included Air Force, Army and Navy ROTC cadets. (Photo by Nancy Brady)

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.

Volunteers of America (VOA). Civil Air Patrol and the Volunteers of America developed a mutual assistance agreement in 1980 to ensure close cooperation between the two organizations in their common mission of emergency services. 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 potential of both organizations will be realized.

United States Coast Guard Auxiliary (USCG). The USCG Auxiliary is a national, voluntary, non-profit, non-military organization dedicated to promoting safe boating through authorized activities and assisting the United States Coast Guard. CAP Executive Director, Air Force Brigadier General David L. Patton, and CAP Colonel Jack Vozzo, liaison to the Coast Guard Auxiliary, and several staff members attended the USCG Auxiliary National Board in Kansas City, Missouri. The two organizations are continuing to develop closer working relations. National Commodore Martin S. Herz of the USCG Auxiliary attended the CAP National Board Meeting in Las Vegas, Nevada.



Simulated Save. CAP member Dave Clark, left, and Mountain Search and Rescue Unit Member Bob Klein remove a simulated crash victim from an Air Force helicopter during a practice search and rescue mission conducted near Boise, Idaho. The joint exercise involving 80 persons representing the Air Force, Mountain Search and Rescue Unit, and Civil Air Patrol was considered highly successful.

Flight Lesson. Flight Instructor Terry Trykall demonstrates and tells Cadet Sylvia Grupe about proper aircraft attitude on final approach during the Illinois Wing Flight Encampment. Instruction in gliders, powered aircraft and hot-air balloons was provided for the 53 cadets attending.



American Legion. Aerospace education and youth development are areas of common interest to the American Legion and Civil Air Patrol and have been the basis of cooperation between the two organizations since 1950. American Legion Post Commanders and Civil Air Patrol Squadron Commanders are urged to contact each other and explore areas for further development of mutual support and cooperation at the community level.

National Aeronautics and Space Administration (NASA). NASA, along with CAP, FAA, and the National Air and Space Museum, cosponsored the 1983 National Congress on Aerospace Education in Las Vegas, Nevada. NASA also supports CAP's aerospace education efforts in many other ways.



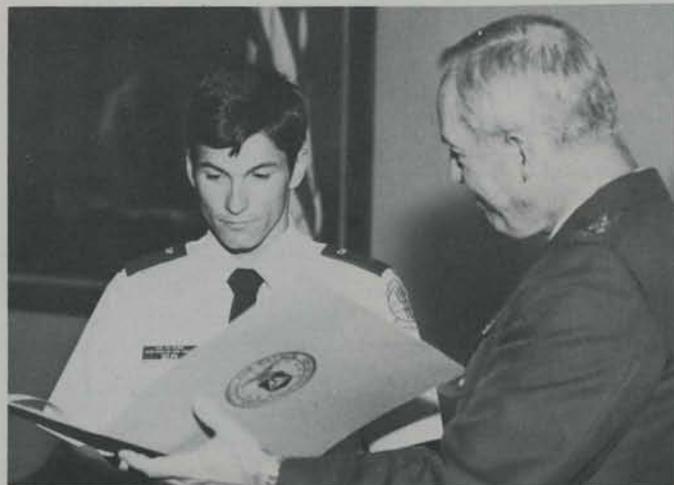
Oshkosh Support. Cadet Joe Rupert directs an aircraft into parking position during the Experimental Aircraft Association annual airshow and fly-in at Whitman Field, Oshkosh, Wisconsin. Joe was among the group of specially qualified cadets selected to assist in parking more than 10,000 aircraft flown in for the event. The select cadets are graduates of North Central Region Special Services Corps Encampment, also known as "The Blue Berets" (Photo by Rand McNatt)

Republic Airlines. Republic Airlines initiated a special discount fare for active Civil Air Patrol members in early 1981 in recognition of CAP's contribution to air travel and general aviation. On 1 October 1982, an agreement between Republic Airlines, Civil Air Patrol and the Aircraft Owners and Pilots Association (AOPA) offered affiliate membership in CAP to AOPA members and their spouses which would entitle them to a special air fare discount on certain type flights on all Republic domestic routes. CAP has declared Republic the "Official Airline of Civil Air Patrol."

Federal Emergency Management Agency (FEMA). FEMA was established in 1979 to merge closely allied emergencies ranging from natural and man-made disasters to nuclear attack. In November 1981, a Memorandum of Understanding was implemented between CAP and FEMA to promote mutual support and coordination through specific points of contact at various levels of both organizations. FEMA has ten regional offices that 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.

Federal Communications Commission (FCC). The FCC has been 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, FCC Rules Division, and Mr. Marcus Stevens, FCC Licensing Division have assisted by providing technical and administrative guidance.

Boy Scouts of America. In 1982, Civil Air Patrol and the National Aviation Exploring Committee of the Boy Scouts of America approved an agreement of mutual cooperation 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 a better program for youth.



Top Award. Cadet Andrew F. Selph of New Mexico's Thunderbird Composite Squadron was presented the General Carl A. Spaatz Award by Air Force Major General Richard W. Phillips during an armed forces luncheon sponsored by the Albuquerque Chamber of Commerce. The award signified completion of all phases of the CAP cadet program.

Air Cadet League of Canada (ACLC). The International Air Cadet Exchange (IACE) was conceived and initiated by the Air Cadet League of Canada in 1947. Civil Air Patrol has participated in the exchange since 1949 and over the years has developed an especially close association with the ACLC as well as good working relationships with similar organizations in many countries.

Aircraft Owners and Pilots Association (AOPA). AOPA was founded in 1939 by pilots and aircraft owners who were dedicated to making flying safe, more economical and practical. Many CAP members are also members of AOPA. AOPA members who do not wish to become active members of CAP can now become affiliate members under an agreement between CAP, AOPA and Republic Airlines. The agreement that became effective on 1 October 1982 provides a special air fare discount for AOPA/CAP affiliate members on certain type flights on all Republic domestic routes.

Chow Line. Captains Joan and Donald Anderson assisted in preparing and serving food for the 100 CAP members attending a bivouac type encampment at Fort Dix, New Jersey. Although the Army National Guard provided tents and a few other special items, the CAP staff conducted a highly successful program with little outside assistance due to the experience gained in conducting the activity over the past three years.



RECOGNITION OF EXCELLENCE

UNIT RECOGNITION

Squadron of Distinction. The Franklin County Composite Squadron was selected as the Civil Air Patrol Squadron of Distinction. The award was based on the unit's overall accomplishments from 1 July through 31 December 1983 as well as favorable recognition by the Illinois Wing Commander and the Great Lakes Region Commander. The Squadron Commander, Major John L. Skinion, received the F. Ward Reilly Leadership Award in recognition of his outstanding work with the unit.

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

- (1) Greenville Composite Squadron, Tennessee Wing
- (2) Allen County Cadet Squadron, Indiana Wing
- (3) Nassau Cadet Squadron VIII, New York Wing
- (4) Quinsigamond Composite Squadron, Massachusetts Wing

Top 8 of The 80's. Under the criteria of the Civil Air Patrol-Management Analysis Program (CAP-MAP), the top performing wing in each of the eight CAP regions was selected for recognition under the "Top 8 of the 80's" awards program. The top scoring wing in the competition also received special recognition as "Number One in the Nation". That honor went to the Indiana Wing.

Indiana — Great Lakes Region
Tennessee — Southeast Region
Arkansas — Southwest Region
South Carolina — Middle East Region

Nevada — Pacific Region
Connecticut — Northeast Region
South Dakota — North Central Region
Colorado — Rocky Mountain Region

INDIVIDUAL RECOGNITION

Cadet of the Year. Cadet Eric A. Boe, Georgia Wing
Senior Member of the Year. Col Robert G. Rubens, North Central Region

Brewer Aerospace Memorial Awards

Cadet Category. Cadet/Lt Col Jack R. Downey, Jr., CAP — West Virginia Wing
Senior Category. Lt Col Guy Marschner, CAP — California Wing
Individual Category. Dr. Gail J. Phares, Colorado Wing

General Carl A. Spaatz Award Winners. The following cadets are recognized for successfully completing all phases of the structured Civil Air Patrol Cadet Program:

Alabama

Eric C. Nielsen, (No. 664), Gadsden Composite Sq., 1100 Forrest Ave, Gadsden 35901

California

Steve A. Humphrey, (No. 654), Hillcomber Composite Sq., P.O. Box 1465, Travis AFB 94535

Colorado

Troy D. Mellon, (No. 653), Thompson Valley Composite Sq., 5020 S. County Rd 3, Ft Collins 80525

Delaware

John W. McGaha, (No. 666), Newcastle Cadet Sq., P.O. Box 592, Hockessin 19707

Florida

Pedro J. Atencio, (No. 676), Miami Springs Optimist Cadet Sq., 620 S.W. 21 Rd, Miami 33129
Theodore J. Deringer, (No. 637), Boca Raton Cadet Sq., 4823 Sugar Pine Dr, Boca Raton 33431
Janon D. Ellis, (No. 661), Miami Springs Optimist Cadet Sq., 620 S.W. 21 Rd, Miami 33129
David A. Horowitz, (No. 672), Tamiami Cadet Sq., 12861 S.W. 12 St, Miami 33184
John W. McCoy, (No. 675), HQ FL Wing, 8850 Binnacle Way, Orlando 32812
Lester E. Preston, (No. 650), MacDill Cadet Sq., P.O. Box 6827, MacDill AFB 33608
Ivan Suarez, (No. 673), Fla International Cadet Sq., P.O. Box 593358, AMF, Miami 33159

Top Honor. Matthew W. Bampton was honored for the highest achievement in the CAP Cadet Program when presented the General Carl A. Spaatz Award by Virginia Governor Charles S. Robb. Matthew is a member of Virginia's Southside Composite Squadron and became the 20th cadet in his wing to earn this prestigious award.



CAP-MAP Award. Arkansas Wing Commander Maxine E. Biggers accepted the "Top 8 of the 80's" Civil Air Patrol-Management Analysis Program (CAP-MAP) award from CAP National Commander Howard L. Brookfield during the CAP National Board Meeting in Las Vegas. The award is given in recognition of the top performing CAP wing in each of the eight CAP regions. (Photo by Rand McNatt)

Georgia

Eric A. Boe, (No. 648), Atlanta Composite Sq. II, Forest Park 30051

Illinois

Thomas R. Herrick, (No. 629), Downers Grove Composite Sq., P.O. Box 20, Downers Grove 60515
David C. Morris, (No. 634), Washington Park Composite Sq., 1304 W. Taylor, Chicago 60607

Indiana

John P. Moorman, (No. 665), Tri County Composite Sq., RR 3, Box 50, Batesville 47006

Iowa

Erich R. Bridges, (No. 638), Davenport Composite Sq., P.O. Box 2714, Davenport 52809

Kentucky

Michael A. Cooper, (No. 630), Centenary Composite Sq., P.O. Box 1629, Lexington 40592

Maryland

Cindy T. Shanabrook, (No. 646), Linthicum Composite Sq., 127K Warwickshire Lane, Glen Burnie 21061

Michigan

Kevin A. Adams, (No. 655), Five Points Composite Sq., 34276 Grove Drive, Livonia 48154
Kenneth Philippart, (No. 652), Evergreen Composite Sq., 12105 No. Maryindale, Detroit 48204

Minnesota

Jeff G. Knutson, (No. 657), Viking Sq., 7209 Harriet Ave So, Richfield 55423

National Capital

Merril D. Ballenger, (No. 659), Mt Vernon Composite Sq., 7970-102 Audubon Ave, Alexandria 22306

Nevada

Kimberlei A. Northrop, (No. 639), Tahoe Truckee Composite Sq., P.O. Box 1868, Truckee CA 95734

New Hampshire

Kevin F. Hayes, (No. 651), Nashua Composite Sq., P.O. Box 108, Nashua 03061
Gregory S. Livernois, (No. 633), Falcon Cadet Sq., RFD 7, Box 429, Laconia 03246

New Jersey

Guy D. Cusumano, (No. 656), Col NM Spears Composite Sq., P.O. Box 115, Tennyson 07763

New Mexico

Timothy F. Self, (No. 670), Alamogordo Composite Sq., 1331 Secnic Dr, Alamogordo 88310
Andrew F. Selph, (No. 640), Thunderbird Composite Sq. IV, 11512 Bar Harbor Pl N.E., Albuquerque 87111

New York

Richard M. Basak, (No. 635), Suffolk Cadet Sq. 10, 59 Malvern Lane, Stonybrook 11790
William S. Kaster, (No. 662), Southtowns Cadet Sq., 96 Bayberry St, West Seneca 14224
K. V. Shridharani, (No. 649), Nassau Cadet Sq. VIII, 156 N.H. Ave, Massarequ 11758

North Carolina

Lori A. Swanson, (No. 667), Raleigh-Wake Composite Sq., P.O. Box 31581, Raleigh 27622
Andrea D. Thompson, (No. 671), 358 Air Harbor Rd, Greensboro 27405

Ohio
Ronald L. Green, (No. 647), Butler County Composite Sq. 102, 10050 Hamilton Ave, Cincinnati 45321
Douglas R. Hill, (No. 668), Parma Cadet Sq. 1103, 5301 Hauserman Rd, Parma 44130
Matthew B. Reynolds, (No. 631), 2580 Burnaby Dr, Columbus 43209

Oregon
Peter L. Freeland, (No. 663), Horizon Composite Sq., Box 1466 Lake Grove 97034

Rhode Island
Alan Williams, (No. 642), East Providence Sq., 30 Fenmore St, East Providence 02915

South Carolina
Steven W. Holland, (No. 643), Beaufort County Composite Sq., Rt 2, Box 540A, Frogmore 29920

Tennessee
Judith D. Jambor, (No. 674), Knoxville Composite #3, P.O. Box 3802, Knoxville 37917

Texas
David Blasingame, (No. 645), Thunderbolt Composite Sq., 2813 Lemmontree Lane, Plano 75074
Donald L. Blasingame, (No. 658), Thunderbolt Composite Sq., 2813 Lemmontree Lane, Plano 75074

Vermont
Seth B. Ertell, (No. 660), Vermont Wing, West Road, Bennington 05201

West Virginia
Joe M. Biddle, (No. 641), Charleston Cadet Sq., 94 Coon Ave, Dunbar 25064
Jack R. Downey Jr., (No. 636), Martinsburg Composite Sq., P.O. Box 559, Martinsburg 25401
Dominick J. Urso II, (No. 632), Morgantown Composite Sq., P.O. Box 284, Morgantown 26505

Wisconsin
Valerie M. DeBock, (No. 664), Kenosha Composite Sq., 1121 So. Lake Shore Dr, Lake Geneva 53147
Christopher R. Jaekl, (No. 669), Milwaukee Emergency Services Sq., 9393 W Appleton Ave, Milwaukee 53225



Medal of Valor. Lt Col Leroy E. Barnett of New Smyrna Beach, Florida (right) was presented the Civil Air Patrol Silver Medal of Valor by CAP Southeast Region Commander Col William C. Tallent. Barnett was recognized for his life saving effort in assisting victims of an aircraft crash to escape from the flaming wreckage. The 30-year CAP veteran, who is manager of the New Smyrna Beach Airport, witnessed the crash of a C-47 aircraft and without regard for his own safety helped those on board who were in danger of losing their lives.

Scholarship Winners. Civil Air Patrol scholarships valued at \$35,500 for academic year 1983-1984 were awarded to 48 of CAP's outstanding young men and women who are attending colleges and universities across the country.

ARIZONA
Robert Gannon

CALIFORNIA
Martha Jones
Janice Rayome

COLORADO
Jean Maguire

FLORIDA
Stephen Hamel

IDAHO
David Thornton

ILLINOIS
Michael Best
Thomas Herrick
Keith Hoffmann
Robert Mann
Marlene Murray
Thomas May
Susan Rafferty
Andrew Rajca

INDIANA
Peter Conte
Michael Orr

IOWA
Erich Bridges

LOUISIANA
Robert Binford

MARYLAND
Mark Kukucka

MASSACHUSETTS
Joseph Cahill
Robyn Hallowell

MICHIGAN
Alan Dickinson
Kenneth Philippart
Gregory Hudak

MINNESOTA
Mark B. Abbot
Jeffrey Knutson
James Marrs

MISSISSIPPI
John Vozzo Jr.

NEBRASKA
Gary Hanken
Lois Strong

NEW YORK
Michael Cole
Austyn Granville
David Hunter
William Kaster
James Nickodem
Kaushik Shridharani
Thomas Lennon

NORTH CAROLINA
Michael Riddle
Douglas Welch

OHIO
Ronald Campbell
Christopher Donohue
Renate Johnson
Kenneth Wurtzler

OKLAHOMA
Philip Jones
Eric Vander Linden

OREGON
Lee Short
Michael Wildt

PENNSYLVANIA
Robert Lutz
Joanna Sobieski

TENNESSEE
Donald Clark
Jeffrey Wadley

TEXAS
Steven King

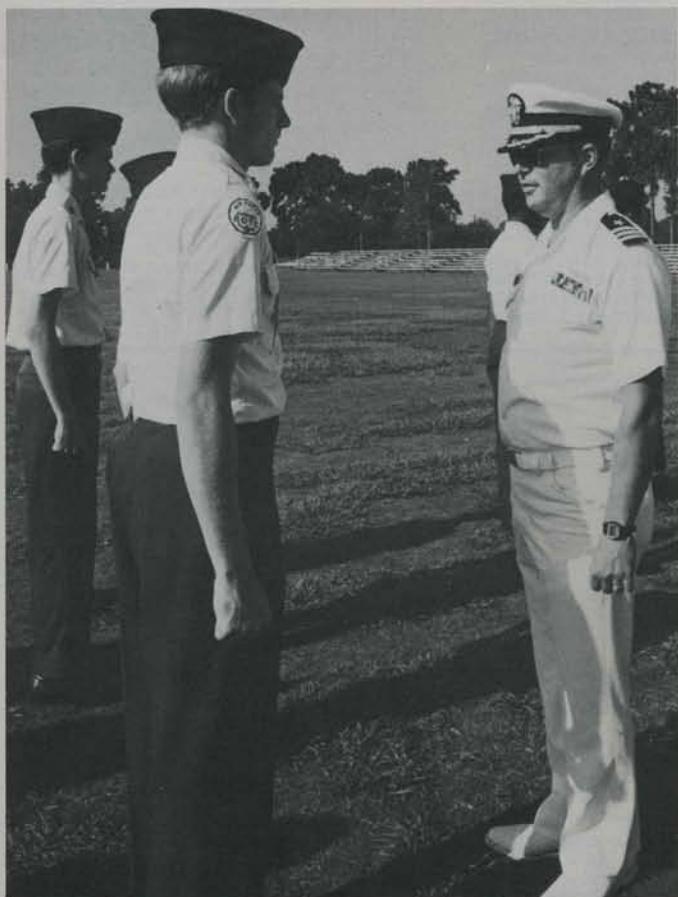
VIRGINIA
Matthew Bampton
Mark Bowers
Robert Collins

VERMONT
Seth Ertell

WASHINGTON
Cecilia Rothholz

WEST VIRGINIA
Jack Downey

WISCONSIN
Valerie DeBock
Penny Rheingans



Inspection Time. U.S. Navy Commander Dennis L. Zueare inspects cadets prior to parade during the Florida Wing cadet encampment at the Naval Training Center in Orlando. (Photo by Sid Birns)

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
- * Deceased
- Edwin Lyons - 1973
- * Earle L. Johnson - 1974
- S. Hallock duPont, Jr. - 1974
- James E. 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

Gill Robb Wilson Award. This is the highest award attainable in the Senior Member Training Program. In addition to earning the Paul E. Garber Award and completing three years in a CAP command or staff position, recipients of the Gill Robb Wilson Award must have successfully completed the USAF Air War College Correspondence Course conducted by Air University, Maxwell AFB, AL. Gill Robb Wilson Awards were earned by the following CAP senior members during 1983.

- | | | |
|--|--|---|
| <p>ALABAMA
Jess L. (Skip) Haley, 01001
Howard L. McGill, 01001
Janice R. McGill, 01055
Clyde M. Maddox, 01001
Bettie L. Maddox, 01001</p> <p>ARIZONA
H. S. Redeker, Jr., 02070</p> <p>ARKANSAS
Richard L. Anderson, 03001
Maxine E. Biggers, 03001
Virginia J. Foot, 03001</p> <p>CALIFORNIA
Fred P. Staedel, Jr., 04001</p> <p>FLORIDA
Daniel B. Glisson, 08381
Michael W. Popejoy, 08001
Edward Fresneda, 08318
Mary L. Brittingham, 08001</p> <p>GEORGIA
James P. Furlong, 09001
Merle V. Starr, 09001</p> <p>HAWAII
Robert Ishimoto, 51001</p> <p>ILLINOIS
Peter E. Vaccarezza, 11001
John C. Domke, 11001</p> <p>INDIANA
Peter C. Crasher, 12001
Joseph A. Cirillo, 12193</p> <p>IOWA
Jack T. Black, 13003</p> <p>KENTUCKY
Alice P. Tucker, 15035
Nathaniel L. Tucker, 15001</p> | <p>LOUISIANA
Charlotte P. Wright, 16001
Tyler T. Diaz, 16001</p> <p>MASSACHUSETTS
Terrence D. Sinclair, 19001
Sandra L. Minsk, 19032
Marilynne M. Leblanc, 19001
W. Edwin Lambert, Jr., 19001
Daniel R. McEleney, 19073</p> <p>MICHIGAN
Louise J. Dorothy, 20001
Robert W. Paulson, 20001
Glenn E. Overby, II, 20001
Lucille A. Price, 20190
Theodore A. Parkin, 20082</p> <p>MISSISSIPPI
Troy E. Daniel, 22057
Rodney I. Baker, 22001
David M. Sessums, 22001</p> <p>MISSOURI
Guillermo Lopez</p> <p>NATIONAL CAPITAL
Richard A. Slowik, 25001
Bruce F. McConnell, 25001
Ronald A. Quander, 25001</p> <p>NEVADA
Rlee H. Peters, 27059
Ellwood J. Collins, 27001</p> <p>NEW HAMPSHIRE
Kenneth C. Jameson, 28001
Aime A. Beaudry, 28001</p> <p>NEW JERSEY
Gary C. Wilson, 29001
J. Weston Baker, 29001</p> <p>NORTH CAROLINA
Thomas L. Wallace, 32001</p> | <p>OREGON
Lois A. Alsip, 36001</p> <p>PENNSYLVANIA
Gary J. Gerardine, 37284
Richard L. Welliver, 37001</p> <p>PUERTO RICO
Bartolo Ortiz, 52001</p> <p>SOUTH CAROLINA
Clifford W. Morrisset, 39001
William E. Hobson, 39001</p> <p>SOUTH DAKOTA
Richard W. Forman, 40001
Duaine B. Forman, 40001</p> <p>TENNESSEE
Calvin E. Davenport, 41140
John F. McGivney, 41001</p> <p>TEXAS
Robert C. Bess, 42001
Stephen R. Howard, 42136
Jacquelyn L. Floyd, 42001</p> <p>WASHINGTON
James L. Crittendon, 46080</p> <p>WEST VIRGINIA
Frank Higginbotham, Jr., 47001
John P. Ratcliff, 47001
Robert W. Jenkins, 47001
James M. Hazelrigg, 47001
Clayton J. Baughman, 47001
James D. McClung, 47040</p> <p>WISCONSIN
Albert V. Flora, 48155</p> <p>WYOMING
George R. Hanrahan, Jr., 49067</p> |
|--|--|---|



Highest Achievement. Cadet Robert J. Greene of Idaho's Mountain Home Cadet Squadron was presented the General Carl A. Spaatz Award by Senator James McClure. The Spaatz Award recognizes completion of the structured CAP Cadet Program and is earned by only a few select cadets each year. Robert became only the eighth recipient of this award in the state of Idaho since its establishment in 1964. The presentation was made during a special ceremony in Senator McClure's Boise Office.

- | | |
|---|--|
| <p>MIDDLE EAST REGION
A. Sidney Evans, 92001</p> <p>GREAT LAKES REGION
Robert Turner, 93001
Margaret D. Cooper, 93001
Joseph P. Howe, 93001
John McClure, 93001
Don N. Dille, 93001
Jack R. Hornbeck, 93001
Constance A. Kelly, 93001
Russell A. Sheibels, 93001</p> <p>SOUTHWEST REGION
George R. Way, 96000
Thomas S. Robertson, Jr. 96000
Lawrence N. Atwell, 96000
David L. Northcutt, 96000
Ben D. Frizzell, Jr., 96000</p> | <p>NORTHEAST REGION
Leonard A. Blasovich, 91001</p> <p>ROCKY MOUNTAIN REGION
Gardner W. Barlow, 97001
Larry D. Miller, 97001
Virginia Smith, 97001</p> <p>PACIFIC REGION
Arthur N. Reitnour, 98001</p> <p>NATIONAL HEADQUARTERS
Philip C. Breen, 99999
Iris J. Donaldson, 99000
Obed A. Donaldson, 99000
Gloria C. Delaney, 99001
Mary F. Craft, 99001
Lester E. Hopper, 99999</p> |
|---|--|



Attending Academy. Former members of the National Capital Wing's Virgil I. Grissom Cadet Squadron, left to right, Marlow B. Martin, Anne Benovil and Eric Jenkins are attending the Air Force Academy. Jenkins, who is attending the Academy Preparatory School, is a private pilot and a former Junior ROTC member. Benovil is also a former Junior ROTC member and a member of the National Honor Society. Martin was a delegate of the Maryland Boy's State and District of Columbia Youth Leaders Convention and also a former Junior ROTC member.

Weather Data. Pease AFB, New Hampshire hosted an encampment for 100 New Hampshire cadets on that Strategic Air Command installation. AFROTC Cadet Deborah Mitchell explains incoming information on weather fronts approaching the base to CAP cadets, left to right, Steve Haines, Dean Bussier, Nina Woodward and Robert Roy. (Photo by Noel E. Tomas)





Field Trip. Cadets from California's March Air Force Base and George Air Force Base Cadet Squadrons visited the U.S. Coast Guard Cutter Ventrous during a field trip to San Pedro, California. The cadets and senior escorts learned about the mission of the Coast Guard and the lifestyle of its members.

Paul E. Garber Award. This award given in the name of an eminent aviation historian was presented to 120 senior members in recognition of their efforts to further the cause of aerospace.

ALABAMA
Howard L. McGill, 01001

ARIZONA
* H. S. Redeker, Jr., 02070

ARKANSAS
Virginia J. Foot, 03001
Maxine E. Biggers, 03001
* Richard L. Anderson, 03001
David D. Todd, 03097

CALIFORNIA
Eugene G. Kunz, 04103
Herman R. Bardfeld, 04070
Eugene D. Melvin, 04138
John W. Abbott, 04205
Richard C. Ryckman, 04411
Cecil A. Ryder, Jr., 04070
Gary P. Hanson, 04288
Richard D. Keirn, 04288
Ila I. Headman, 04384

COLORADO
David C. McGinley, 05001
David C. Pierce, 05015

FLORIDA
Carlos A. Nogueira, 08310
Samuel G. Spieker, Jr., 08001
* Daniel B. Glisson, 08381
* James H. Porter, 08344
Larry Hamm, 08333
Ronald C. Dickler, 08349
George F. Williams, 08423

IDAHO
Franklin G.A. Yellen, 10001

ILLINOIS
* Derek V.J. Stackler, 11001
* Peter C. Vaccarezza, 11001
Josef Gruendner, Jr., 11031
John C. Domke, 11001

INDIANA
Peter C. Crasher, 12100
Joseph S. Gilkey, III, 12001
Raymond N. Andrews, 12001

KENTUCKY
Alison M. Ross, 15077
* Donald M. Ross, 15077
* Barry W. Barmore, 15001
Terry L. Hugill, 15001

MARYLAND
Frances H. Litkenhaus, 18001
Patricia D. Shearer, 18014

MASSACHUSETTS
W. Edwing Lambert, Jr., 19001
Virginia M. Cullity, 19032
Pauline A. Gardner, 19001
David R. Gardner, 19001
Laura L. Gottron, 19032
Terrence D. Sinclair, 19001
John J. O'Donnell, 19043

MICHIGAN
J. Frances Douglas, 20251
Robert V. Prayton, 20251
Martha D. Brazer, 20251
Kenneth C. Redington, 20080

MINNESOTA
Robert S. Juroszek, 21001

MISSOURI
Guillermo Lopez, 23032

MONTANA
Edwin A. Keeney, 24001

NATIONAL CAPITAL
Bruce F. McConnell, 25001
Thomas E. Allen, 25001
Richard A. Slowik, 25001
Amanda B. Anderson, 25001

NEVADA
Ellwood J. Collins, 27001
Robert L. Thornbury, 27001
Lyle C. Burge, 27054

NEW HAMPSHIRE
Kenneth C. Jameson, 28001
Aime A. Beaudry, 28001

NEW JERSEY
Stanley A. Fisch, 29089

NEW MEXICO
Lee E. Wiedmann, 30001

NEW YORK
Patricia M. Uierling, 31116
Frank H. Rockwell, 31001

NORTH CAROLINA
Gerald W. Underwood, 32001
Jerry A. Cummings, 32022
Joyce R. Wright, 32124
Tony E. Wright, 32001

OHIO
Joseph M. DeRico, 34001
Geraldine E. Matthews, 34210

OREGON
Vandeleur C. Caris, 36001
Katheleen J. Tillson, 36001

PENNSYLVANIA
Gary J. Gerardine, 37284
Steven M. Pastor, 37302

RHODE ISLAND
Paul J. Morris, 38001
Bradford E. Dufour, 38001

SOUTH CAROLINA
David D. Lardin, 39001
* William E. Hobson, 39001
Harold G. Bueneman, 39001

SOUTH DAKOTA
Richard W. Forman, 40001
Duaine B. Forman, 40001
Christopher R. Forman, 40001

TENNESSEE
* Jerry K. Sherrod, 41090
Roy E. Bearden, 41001

TEXAS
Stephen R. Howard, 42136
Eric V. Schollman, 42215
* Stephen R. Howard, 42136
Anna V. Farrell, 42219
Richard B. Beverlin, 42151
Thomas L. Todd, 42001

UTAH
Jerv E. Wellman, 43067

VERMONT
Donald A. Moors, 44001

VIRGINIA
Carlton L. Jernigan, 45081
* Donald J. Thomas, 45001

WEST VIRGINIA
Thomas R. Morris, 47013
* Robert W. Jenkins, 47001

WISCONSIN
John E. Jones, 48064

WYOMING
* George R. Hanrahan, Jr., 49067
Carol A. Martin, 49001

HAWAII
Robert Ishimoto, 51091
Marilyn McCoy Evans, 51060

NORTHEAST REGION
Mary E. Lynch, 91000
Leonard A. Blascovitch, 91000

GREAT LAKES REGION
Margaret D. Cooper, 93000
Joseph P. Howe, 93000
Richard L. Karr, 93001
Clyde Webb, 93001
John McClure, 93001
Russell A. Sheibels, 93001

SOUTHWEST REGION
C. E. Neal, 96001

PACIFIC REGION
Stephen W. Bender, 98001
Warren J. Barry, 98001
Donald D. Dixon, 98001
Margaret Dixon, 98001

NATIONAL HEADQUARTERS
Mary F. Craft, 99001
Obel A. Donaldson, 99001
Iris J. Donaldson, 99001

GROVER LOENING AEROSPACE AWARD. This award given in the name of an aviation pioneer was presented to 127 senior members during 1983.

ALABAMA
James E. Todd, 01023
Rhoda W. King, 01001
Marie F. Carastro, 01032

ARIZONA
Michael E. Lorenz, 02001
Thomas B. O'Connell, 02078
Robert A. Cornelius, 02001

ARKANSAS
Orvis G. Martin, 03097
Virginia J. Foot, 03001
Maxine E. Biggers, 03001

CALIFORNIA
Gordon L. Foley, 04006
Richard C. Ryckman, 04411
Cecil A. Ryder, Jr., 04070
Eunice M. Ryder, 04070
Gary P. Hanson, 04288
Jack Yohanna, 04411
Charles E. Wiest, Jr., 04292
Richard D. Keirn, 04288
Dennis B. Edmondson, 04001
Joan P. Emerson, 04295
Jack E. Spear, 04138

COLORADO
Jerry L. Cassidy, 05001
Peter L. Dolvig, 05001

CONNECTICUT
Gary F. Krapp, 06022

FLORIDA
Charles S. Myers, 08328
Carlos Adrian Nogueira, 08310
Laurence B. Upham, 08001
Alexander C. Field, Jr., 08370
Daniel B. Glisson, 08381
Etta M. Spieker, 08001
Samuel G. Spieker, Jr., 08001
Inez M. Harbaugh, 08368
William B. Bailey, 08351
Paul R. Vandiver, 08351
Robert L. Hicks, 08334
Larry Hamm, 08333

GEORGIA
Betty W. Ayers, 09093
Troy Douglas, 09093
Philip F. Bowden, 09109
Wendy K. Hurst, 09001
James A. Hyde, 09001

ILLINOIS
Clyde L. Kimler, 11020
John C. Domke, 11001
Ione R. Hamman, 11020
Milton E. Jern, 11020

INDIANA
Irwin I. Kleinman, 12001
Howard D. Smith, 12001
Pamela K. Crasher, 12001
Joseph S. Gilkey, III, 12001

KANSAS
James M. Moss, 14001

KENTUCKY
Jerry L. Hugill, 15001
Ruth I. Hughes, 15083
Stephen D. O'Hara, 15001

MAINE
David J. Braun, 17001

MARYLAND
Patricia D. Shearer, 18014
Frances H. Litkenhaus, 18001

MASSACHUSETTS
Jason Denenberg, 19019
Pauline A. Gardner, 19001
David R. Gardner, 19001
John J. O'Donnell, Jr., 19043
Hobart G. Combs, 19001
Earl N. Shepard, 19001
Ronald A. Walsh, 19001

MICHIGAN
John L. Finch, 20190
Kenneth C. Redington, 20080
Roy L. Hall, 20185
Edward B. Rose, 20190
Geraldine L. Overby, 20001

MINNESOTA
Robert S. Juroszek, 21001

MISSISSIPPI
Berta A. Edge, 22048

MISSOURI
Adrienne L. McCrady, 23032
Louis M. Laury, 23004

NEBRASKA
Curtis A. Clifford, 26019

NEVADA
Robert L. Thornburg, 27001
Bobby J. Deckwa, 27006

NEW HAMPSHIRE
Han van den Biggelaar, 28001

NEW JERSEY
Robert L. Rioux, 29065
James A. Erdman, 29005
Stanley A. Finch, 29089
George J. Apostle, 29001
Andrew Pantelides, 29001

NEW YORK
Edward S. Siudzinski, 31364
Janet A. Schachner, 31173
John F. Kienzle, 31043
Joel E. McDonald, 31001

NORTH CAROLINA
Jerry A. Cummings, 32022
William T. Brady, 32055
Joyce R. Wright, 32124
Tony E. Wright, 32001
Jimmie B. Ratledge, 32124

NORTH DAKOTA
Gary W. Kopperud, 33001

OHIO
Joseph M. DeRico, 34085
Geraldine E. Matthews, 34210
Conley C. Matthews, 34210

PENNSYLVANIA
Merritt E. Derr, 37101
Paul E. Rost, 37024

SOUTH CAROLINA
Harold G. Bueneman, 39027

SOUTH DAKOTA
Richard W. Forman, 40001
Duaine B. Forman, 40001
Christopher R. Forman, 40001

TENNESSEE
Charles H. Tollett, 41144
Beth A. Ries, 41001
Robert L. Dyer, 41001

TEXAS
Robert L. Taylor, 42219

VERMONT
Carol S. Schmidt, 44001

VIRGINIA
Carlton L. Jernigan, 45081
John J. Reitelbach, Jr., 45035
B. Don Johnson, 45083
Arthur E. Hamilton, 45117

WASHINGTON
Judith E. Masura, 46039
Lori L. Noyes, 46080

WEST VIRGINIA
Paul T. White, Jr., 47060
Issac L. Walker, 47001

WISCONSIN
John E. Jones, 48064
David H. Spencer, 48001

WYOMING
Carol A. Martin, 49001
George R. Hanrahan, Jr., 49067

HAWAII
Robert Ishimoto, 51001
Marilyn M. Evans, 51060
Jack M. Schmidt, Jr., 51001

PUERTO RICO
Sequndo Graniela, 52001

NORTHEAST REGION
Harold J. McDonald, 91000
Leonard A. Blascovitch, 91000

GREAT LAKES REGION
Joseph P. Howe, 93000
Clyde Webb, 93001
Ramon Navarro, 93001
Shirley C. Navarro, 93001

ROCKY MOUNTAIN REGION
William R. Hill, 97000

Award Presented. Cadet Erich R. Bridges attained the highest level of achievement in the CAP Cadet Program as signified by the General Carl A. Spaatz award presented by Iowa Governor Terry Branstad. Erich is a member of Iowa's Davenport Composite Squadron.



* Indicates the Paul E. Garber Bronze Star Award.

CIVIL AIR PATROL NATIONAL BOARD MEMBERS

(As of 31 December 1983)



NATIONAL COMMANDER
Brig Gen Howard L. Brookfield
CAP



EXECUTIVE DIRECTOR
Brig Gen David L. Patton
USAF



NATIONAL FINANCE OFFICER
Col Robert G. Rubens
CAP



NATIONAL VICE COMMANDER
Col William B. Cass
CAP



NATIONAL LEGAL OFFICER
Col Maurice E. Cook
CAP

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, National Finance and Legal Officers 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 composed 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.

Other corporate officers who are not members of the governing bodies include the National Controller, Col Joseph J. Hannan, CAP, who is elected by the NEC and serves as assistant to the National Finance Officer; the National Administrator, Brig Gen Carl S. Miller, USAF (Ret), and the Legal Counsel, Col Thomas A. Handley, CAP. The National Administrator and Legal Counsel are full-time CAP employees who perform duties as assigned by the National Executive Committee and National Commander.



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



COMMANDER
MIDDLE EAST REGION
 Col Eugene E. Harwell
(North Carolina)



COMMANDER
GREAT LAKES REGION
 Col Russell Sheibels
(Michigan)



COMMANDER
SOUTHEAST REGION
 Col William G. Tallent
(Tennessee)

CONNECTICUT
 Col Howard E. Palmer
MAINE
 Col David J. Braun
MASSACHUSETTS
 Col David R. Gardner
NEW HAMPSHIRE
 LTC Andrew H. Amitrano
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 John M. Bertoli

DELAWARE
 Col Herbert M. Wood
MARYLAND
 Col Daniel J. Hill
NATIONAL CAPITAL
 Col Ronald A. Quander
NORTH CAROLINA
 Col Thomas L. Wallace
SOUTH CAROLINA
 Col William E. Hobson
VIRGINIA
 Col Donald E. Ratcliff
WEST VIRGINIA
 Col John P. Ratcliff

ILLINOIS
 Col Mel S. Kristmann
INDIANA
 Col George W. Young
KENTUCKY
 Col George M. Hudson
MICHIGAN
 LTC Stephen Rudowski
OHIO
 Col Loren G. Gillespie
WISCONSIN
 LTC Raymond A. Noonan

ALABAMA
 Col Robert M. Dorning
FLORIDA
 Col Howard R. Cumler
GEORGIA
 Col Ralph E. Grady
MISSISSIPPI
 Col Rodney I. Baker
PUERTO RICO
 Col John J. Gonzalez
TENNESSEE
 Col Charles R. Barksdale



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



COMMANDER
SOUTHWEST REGION
 Col George R. Way
(Texas)



COMMANDER
ROCKY MOUNTAIN REGION
 Col Larry D. Miller
(Utah)



COMMANDER
PACIFIC REGION
 Col Warren G. Barry
(California)

IOWA
 Col James L. Black
KANSAS
 Col Jerome L. Hanson
MINNESOTA
 Col Lionel Bourquin
MISSOURI
 Col Gerald Holliday
NEBRASKA
 Col Dennis R. Kumm
NORTH DAKOTA
 Col Thomas A. Dahle
SOUTH DAKOTA
 Col M. R. Vander Maten

ARIZONA
 LTC Dalton O. Smith
ARKANSAS
 Col Maxine E. Biggers
LOUISIANA
 Col George Sartis
NEW MEXICO
 Col William Overton, Jr.
OKLAHOMA
 Col Lester V. Wilson
TEXAS
 Col Harold W. Bowden

COLORADO
 Col Harry E. Kouts
IDAHO
 Col Keith L. Lysinger
MONTANA
 Col William W. Hewitt
UTAH
 LTC John W. Barainca
WYOMING
 Col Leah L. Sampson

ALASKA
 Col Russell J. Anderson
CALIFORNIA
 Col Donald M. Biondich
HAWAII
 Col Herbert T. Kaneshige
NEVADA
 Col Bradford L. Sharp
OREGON
 Col Albert F. Laurie
WASHINGTON
 Col Theodore A. Tax

STATISTICAL SUMMARY

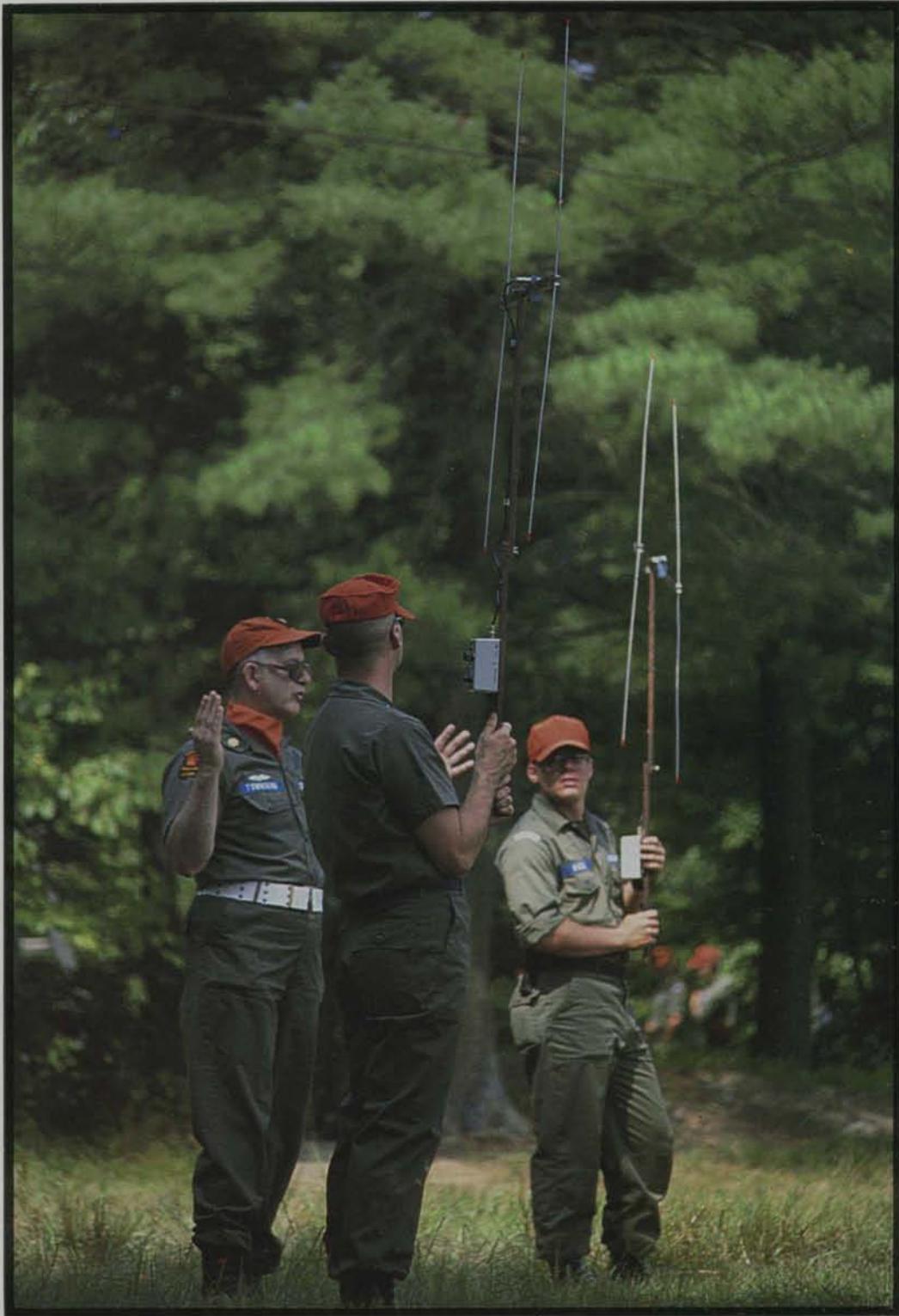
Vital Statistics as of 31 December

MEMBERSHIP		1982	1983	AIRCRAFT		1982	1983
Cadets		24,645	26,104	Corporate Owned		572	565
Seniors		40,024	41,669	Member Owned		8,890	9,502
Total Members		64,669	67,773	Total Aircraft		9,462	10,067
ORGANIZATIONAL UNITS				EMERGENCY SERVICES			
Regions		8	8	Missions		1,194	1,745
Wings		52	52	Sorties		8,463	8,542
Groups		172	174	Hours Flown		16,960	16,725
Senior Squadrons		253	320	Objectives Located (Finds)		782	1,074
Cadet Squadrons		324	321	Lives Saved (Saves)		87	154
Composite Squadrons		952	985	ENCAMPMENTS			
Flights		89	81	Active Air Force Bases		32	28
Total Units		1,850	1,941	Other DOD Facilities		25	18
RADIO STATIONS				Non-DOD Facilities		34	21
Fixed Land		4,028	4,027	Cadets Attending		6,833	5,878
Ground Mobile		16,500	17,010	Seniors Participating		1,353	1,050
Air Mobile		4,185	4,455	CADET AWARDS			
Search and Rescue		697	670	Mitchell Awards		1,252	1,357
Corporate Aeronautical		587	565	Earhart Awards		474	443
Repeater Stations		232	255	Spaatz Awards		40	48
Emergency Locator		156	149				
Total Stations		26,385	27,131				

WING PARTICIPATION IN EMERGENCY SERVICES 1 January 1983 through 31 December 1983

The data below details 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 1983 Civil Air Patrol was credited with 1,074 finds and 154 saves. Total missions, finds, and saves will not add correctly below because, in some instances, more than one CAP wing was involved. ("Finds" are search objectives located and "Saves" are lives saved.)

	Missions	Sorties	Hours	Finds	Saves	Missions	Sorties	Hours	Finds	Saves	
Alabama	24	53	101	18	0	Massachusetts	31	124	258	24	0
Alaska	90	681	1608	35	16	Michigan	40	49	110	30	0
Arizona	57	501	1291	29	4	Minnesota	25	35	54	18	1
Arkansas	17	26	36	10	0	Mississippi	15	122	241	10	1
California	196	2119	3697	124	5	Missouri	22	52	102	14	0
Colorado	55	681	1157	30	28	Montana	10	24	37	4	4
Connecticut	18	12	15	7	0	Nebraska	16	33	56	12	6
Delaware	10	29	33	5	0	Nevada	22	169	354	6	0
Florida	108	289	505	117	0	New Hampshire	9	26	62	4	0
Georgia	23	100	208	14	0	New Jersey	60	124	190	39	0
Hawaii	16	22	45	1	0	New Mexico	49	246	506	14	4
Idaho	19	58	105	2	8	New York	54	161	297	28	2
Illinois	53	80	139	40	0	North Carolina	46	94	156	28	1
Indiana	21	26	42	13	0	North Dakota	10	11	23	5	0
Iowa	13	19	32	7	3	Ohio	38	79	120	20	0
Kansas	63	98	145	14	40	Oklahoma	31	90	189	22	2
Kentucky	17	39	74	10	0	Oregon	25	217	471	15	0
Louisiana	65	213	386	45	0	Pennsylvania	67	132	243	28	6
Maine	22	43	100	14	0	Puerto Rico	4	6	27	1	0
Maryland	14	130	296	7	0	Rhode Island	6	5	14	2	0
						South Carolina	13	23	63	8	0
						South Dakota	17	54	126	9	5
						Tennessee	34	49	91	23	5
						Texas	140	551	1142	97	3
						Utah	30	421	1006	11	1
						Vermont	8	7	14	5	4
						Virginia	34	65	126	19	0
						Washington	35	194	281	21	3
						West Virginia	11	20	36	6	2
						Wisconsin	31	37	64	16	0
						Wyoming	10	103	251	5	0
						National Totals	1,745	8,542	16,725	1,074	154



Ground teams perform an essential function in most search and rescue operations. Personnel on the ground often can begin the mission and continue it when weather or darkness preclude or interrupt air search. Ground teams using hand-held direction finders supplement airborne searchers in pinpointing emergency locator transmitter (ELT) signals from crashed aircraft. (Photo by Rand McNatt)



CAP Memorial, Dedicated 9 December 1983

O-1 "Bird Dog" Aircraft

CAP National Headquarters
Maxwell AFB, Alabama