



1988 CIVIL AIR PATROL Annual Report to Congress

For year ending 31 December 1987





A 16-member California Wing team represented the Pacific Region in the National Cadet Competition held at Maxwell AFB, Alabama, in December 1986. The team finished first in the closely contested event and won the Air Force Chief of Staff Sweepstakes Trophy. In April 1987, the team visited the Pentagon for official presentation of the trophy by General Larry D. Welch, Air Force Chief of Staff. While in Washington, the team also assisted in delivering a copy of the 1987 Civil Air Patrol Annual Report to Congress to each member of the Congress.

Capt Jack Anthony briefs cadets Kim Dickson and Stephen Adams prior to an orientation flight in a Cessna 182 at Peterson AFB, Colorado. Capt Anthony is commander of the Colorado Springs Group and Cadets Dickson and Adams are members of the Colorado Springs Composite Squadron. Anthony is also a captain in the United States Air Force assigned to the USAF Space Command at Cheyenne Mountain AFS, Colorado. He was an Air Force Academy Honor Graduate in the Class of 1978 and taught in the Astronautics Department at the Academy for four years. Capt Anthony has been selected by the United States Jaycees as one of the Ten Outstanding Young Americans of 1988. His selection for the honor was based on his Air Force career and his extensive work in Civil Air Patrol, especially with cadets and air search and rescue. (Photo by Bill Madsen)



Cover Photo. U.S. Representative George Miller from California's 7th District visits with California Wing cadets who assisted in delivery of the 1987 Civil Air Patrol Annual Report to Congress to each member of the Congress. The 16-member team of California Wing cadets represented the Pacific Region in the National Cadet Competition held at Maxwell AFB, Alabama, in December 1986 and won top honors in the event. In April 1987, the team was in Washington for official presentation of the Air Force Chief of Staff Sweepstakes Trophy by General Larry D. Welch, Air Force Chief of Staff, and to assist with delivery of the CAP Annual Report.



**NATIONAL
HEADQUARTERS
CIVIL AIR PATROL**

—USAF AUXILIARY—

Maxwell Air Force Base, Alabama 36112-5572

TO THE CONGRESS OF THE UNITED STATES

The activities of Civil Air Patrol during calendar year 1987 are summarized in this report as required by Public Law 79-476. Civil Air Patrol was established on 1 December 1941 as a division of the Office of Civilian Defense and, in April 1943, was placed under the jurisdiction of the Army Air Forces.

Following its outstanding wartime service, Civil Air Patrol was chartered by the 79th Congress on 1 July 1946 as a volunteer, nonprofit corporation and was later granted status as the civilian auxiliary of the Air Force by the 80th Congress through Public Law 557. The law authorized the Secretary of the Air Force to provide certain support to the fulfillment of Civil Air Patrol objectives and to use the services of Civil Air Patrol in carrying out the noncombatant missions of the Air Force.

During 1987, Civil Air Patrol continued to add to its long record of achievement and service with solid performance in each of its mission areas. This report includes details of significant accomplishments in emergency service 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 1987. Civil Air Patrol also wishes to express gratitude for the continued support of the Congress and for the advisory and material support provided by the United States Air Force. We are pleased to present this report of Civil Air Patrol activities during the past calendar year.

E. E. Harwell

EUGENE E. HARWELL
Brigadier General, CAP
National Commander

John T. Massingale, Jr.

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

THE CADET PROGRAM

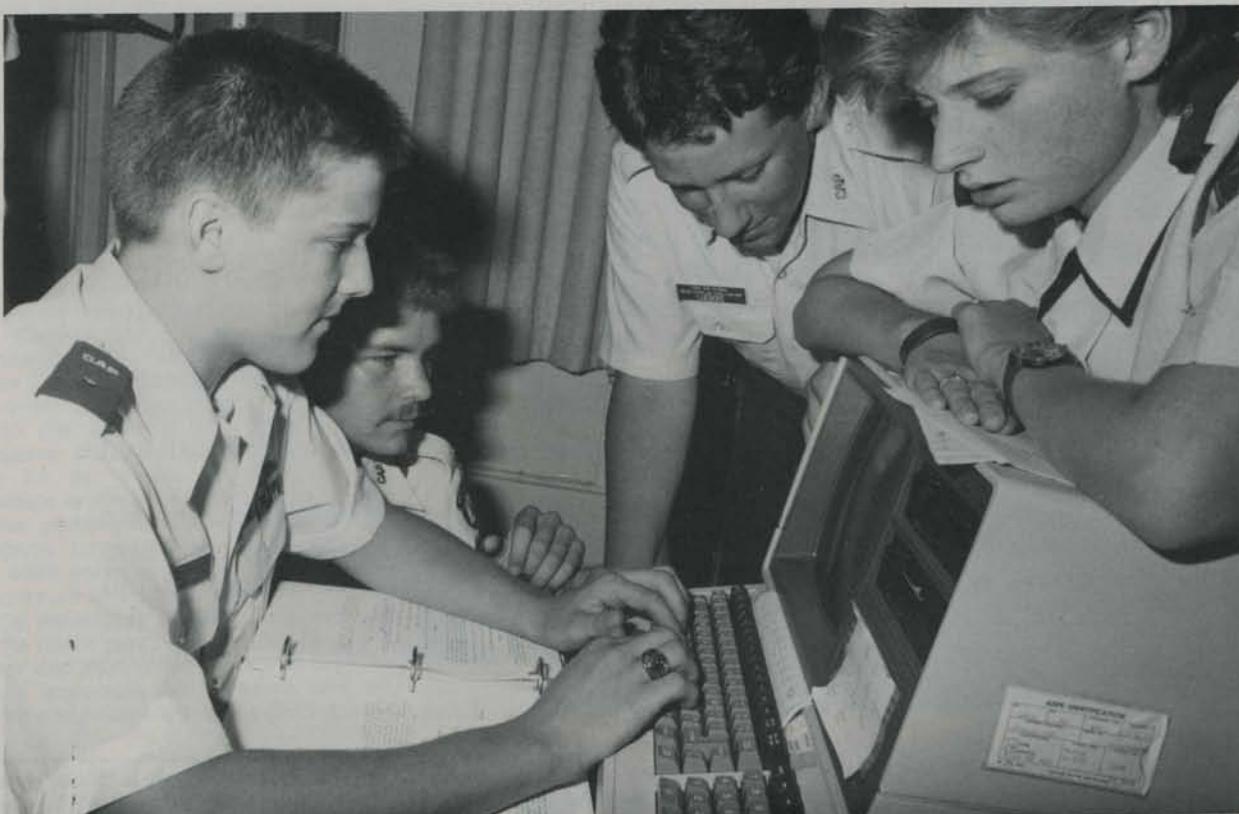
When the Congress of the United States acted in 1946 to incorporate the Civil Air Patrol, one of its declared objectives was to "provide aviation education and training, especially to its members." The Civil Air Patrol cadet program is designed to develop the potential of young people through physical fitness, leadership training, moral, and aerospace education. In 1987 the Civil Air Patrol cadet corps continued to grow, increasing its ranks by 18% or 4,560 cadets. Cadets, in record numbers, attended state, regional, and national cadet activities. Eighty-seven CAP cadets and senior members entered the class of 1991 at the U.S. Air Force Academy in 1987. Civil Air Patrol members constituted 6.4% of entering cadets. Sixty-one CAP members graduated and earned their commission as second lieutenants in the graduating class of 1987. An increased commitment to cadet training and development by the senior members of Civil Air Patrol has resulted in new growth and spirit in Civil Air Patrol units across the United States. Cadet and senior member involvement in cadet activities has made 1987 a banner year for the Civil Air Patrol and its cadet program.

A primary objective of Civil Air Patrol is to provide a program which will motivate its youth to responsible leadership and citizenship through an interest in

aviation. The cadet 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 remain a cadet until their 21st birthday.

The cadet program is designed to provide cadets with opportunities to learn and develop their potential in an aerospace oriented environment. This development is achieved through a combination of study and performance involving both individual and group effort. Wing, region, and national cadet special activities are designed to capitalize on each cadet's interest in aerospace to educate and prepare him or her for future challenges. National activities such as Air Training Command Familiarization Course, Cadet Officer School, and Air Force Computer Orientation Course take place on active Air Force installations where cadets can see Air Force men and women serving their country. Many cadet activities take place at other DOD installations utilizing Air Force, Army, or Navy personnel to teach and train youngsters a particular skill or concept.

Within the unit, cadets progress at their own pace



Computer Program. The second annual Air Force Computer Orientation Program for CAP cadets was conducted on 22-26 June at Gunter AFS, Alabama, for 19 cadets from across the nation. From right, cadets Johnene Vardiman, Chris Luebeke, and Todd Boren watch as Cadet James Goodlett enters an exercise program. (Photo by George Wendt)



Simulator Training. South Carolina Cadet Kimberly Westmark takes the controls of a T-37 aircraft flight simulator as Air Force 2nd Lt Jerry Lommatzsch provides instructions. Lieutenant Lommatzsch, a student pilot at Columbus AFB, Mississippi, supported the Air Training Command Familiarization Course for CAP cadets. (Photo by George Wendt)

through the structured 15 achievement program, increasing in grade and experience as they accomplish the planned achievement level. Throughout the program, cadets become eligible to participate in orientation flights, encampments, and a variety of national and international activities. Other incentives and benefits include receipt of ribbons and awards, increased grade and responsibility, and eligibility to compete for academic and flight scholarships. Upon the receipt of the Mitchell Award (completion of seven achievements) the advanced entry rank in the pay grade E-3 is possible when enlisting in the U.S. Air Force. In September 1987, Civil Air Patrol Cadet John Schwab of the Alabama Wing received the 10,000th numbered Mitchell Award in a ceremony at National Headquarters. By the end of the year more than 54,000 cadets had earned a Mitchell Award or its equivalent through the Civil Air Patrol cadet program. The Earhart Award (Achievements 8-11) was awarded to 454 cadets in 1987. Completion of the Earhart is a requirement to attend the International Air Cadet Exchange program. The toughest and most demanding award to achieve is the Spaatz Award. This year 44 cadets earned this coveted award.

CADET ENCAMPMENTS

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

Attendance at an encampment is a significant aspect of the structured CAP cadet program. It is a prerequisite to the completion of the first 7 of the 15 achievement levels and attaining the General Billy Mitchell Award, the first major milestone of the cadet program. Cadets who earn the Mitchell Award become eligible for more advance special activities and automatically earn the grade of airman first class (E-3) should they choose to enlist in the Air Force.

Last year, 6,843 CAP cadets and 1,232 CAP senior members attended encampments at 37 Air Force installations and at 31 other Department of Defense facilities. An additional 23 encampments were conducted at non-DOD facilities.



Mountain Flight. New Mexico Wing Cadets Scott McCarty and Robin Ross (left) and Robert Woods (right) are briefed by pilot Lt Col William Drum in preparation for an orientation flight in the wing's Cessna 206, along the Sandia Mountains beyond the Coronado Airport in Albuquerque. (Photo by Larry Harrah)

INTERNATIONAL AIR CADET EXCHANGE (IACE)

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

During 1987, 116 cadets and 19 senior escorts were exchanged with cadets from 13 other IACE Association member nations and two countries in the Pacific. Exchanges with Pacific countries are arranged and conducted bilaterally by Civil Air Patrol under similar rules and format and in conjunction with the regular IACE program. During the 19-day exchange, sponsoring organizations in each country provide visiting cadets with a variety of activities such as tours of Air Force installations; visits to aerospace industries, airports and air traffic control facilities; orientation flights in gliders and powered aircraft; and sightseeing trips. Visitors usually stay in the homes of host families to enhance mutual understanding and cultural exchange.

Cadet School. Cadet Mary Gallagher of the South Carolina Wing was among 100 cadets attending the 10-day Cadet Officer School conducted at Gunter AFS, Alabama, during 29 July-7 August. The course provides management and leadership skill to cadets between 15-20 years of age who have earned the General Billy Mitchell Award. (Photo by George Wendt)



Louisiana Test. Cadets Dolly Guerra and Derrick Nero of Louisiana's Chennault Cadet Squadron communicated directly with air and ground teams from the command post in New Orleans during the annual Louisiana Wing Search and Rescue Evaluation. Air Force evaluators assigned the wing an excellent rating. (Photo by Gail Guerra)

CADET SPECIAL ACTIVITIES

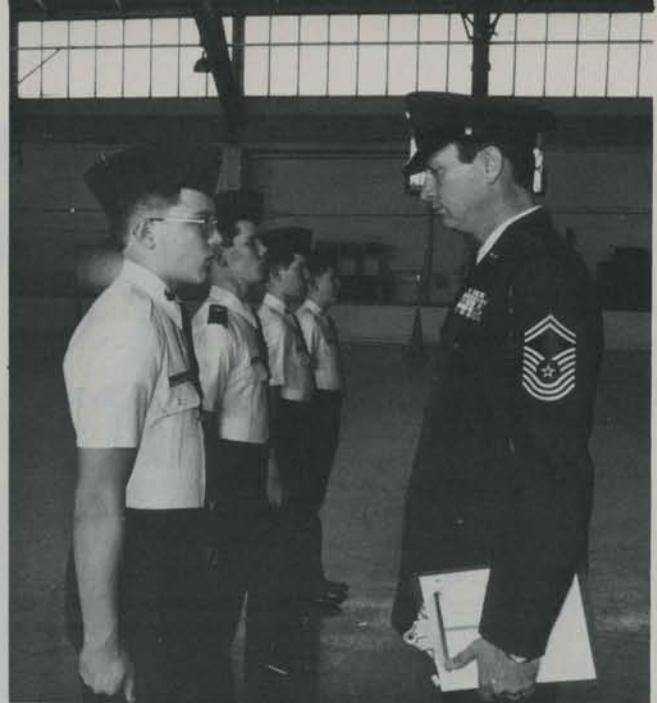
Cadets earn the right to participate in several nationally conducted special activities as they progress through the structured program. During 1987, a total of 769 cadets participated in these national special activities. The most competitive and prestigious activity was the *International Air Cadet Exchange* which involved 116 cadets and 19 adult escorts in an exchange with 15 countries. The *Cadet Officer School* conducted at Gunter Air Force Station, Alabama, and taught by the Air University faculty was attended by 100 cadets from 34 CAP wings. The 10-day program featured the development and application of basic leadership and management skills.

The *Air Training Command Familiarization Course* hosted by the Air Training Command (ATC) at one undergraduate navigator and two undergraduate pilot training bases was attended by 108 cadets. The programs at Mather AFB, California; Columbus AFB, Mississippi; and Laughlin AFB, Texas not only acquainted cadets with specific activities of ATC, but also stimulated cadet interest in the Air Force career opportunities. The *Pararescue Orientation Courses*, basic and advanced, were conducted by the USAF Pararescue School to instruct the 137 cadet participants in the various techniques of rescue operations. This exceptionally popular 1-week program was conducted at three sites: Kirtland AFB, New Mexico; Fort Knox, Kentucky; and George Washington National Forest, Virginia. The advanced *Pararescue Orientation Course*, conducted at Kirtland AFB, was new this year and attended by 10 cadets.

The *National Cadet Competition* conducted at Maxwell AFB, Alabama, during the last week of December was attended by 96 cadets and 24 escorts. A 16-member team from six CAP regions competed in aerospace knowledge, physical fitness, and precision drill. The California Wing team, representing the Pacific Region, won top honors and was presented the Air Force Chief of Staff Sweepstakes Trophy.

The *Senator Jennings Randolph Soaring School* was conducted at Central Missouri State University with two cadets from each of the eight regions receiving ground and flight training leading to a solo flight in a nonpowered glider. The *Blue Beret Encampment* was conducted for many years as a regional activity but, due to its immense popularity, it became a national cadet special activity in 1985. The 2-week program provided instruction in survival, drill and ceremonies, flightline operations, and aircraft traffic direction and control. The entire activity was conducted primarily at Wittman Field, Oshkosh, Wisconsin, during the annual airshow hosted by the Experimental Aircraft Association. This year the Blue Beret activity was attended by 130 cadets and 30 senior members.

The *Air Force Computer Orientation Program (AFCOP)* was conducted at Gunter AFS, Alabama, with 19 cadets attending. The AFCOP curriculum includes basic programming language, history, and design of computers; an orientation of computer uses within Civil Air Patrol and the USAF; and an emphasis on hands-on experience with a variety of computers. Instruction and course design were provided by personnel of the HQ Standard Systems Center, Gunter AFS.



Cadet Inspection. Air Force CMSgt Gary J. Kohel carefully checks uniform and grooming standards of North Central Region cadets during the National Cadet Competition. Chief Kohel was a member of the judging team from the Air Force Senior NCO Academy staff to assist with the event. (Photo by George Wendt)

FLIGHT TRAINING

Civil Air Patrol allocated a total of \$33,000 in its fiscal year 1987 budget to provide locally conducted solo flight training and orientation flights for cadets. Eight thousand dollars was provided for 53 solo flight scholarships to cadets in the 52 CAP wings and overseas units and \$25,000 was allocated to partially fund the orientation flight program conducted at the wing and unit level. Flight scholarships covered expenses of ground school and flight training leading to solo qualification.

CAP cadets may also qualify for a series of six 30-minute orientation flights. During 1987, the 52 wings and overseas units provided 6,691 cadets their first flight experience (orientation flight number one) and 7,713 cadets were provided flights number two and three in the ongoing 6-flight series.

SCHOLARSHIP PROGRAM

In 1987, the Civil Air Patrol, through its National Scholarship Program, provided a total of \$45,500 to 59 of its members to supplement their college or vocation-technical school education. This included the Mary Faye Craft Leadership Award of \$750. 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. Embry-Riddle Aeronautical University provided five \$1,000 scholarships to cadets attending their institution full time. In addition to the national scholarship program, many scholarships are provided by local and state level CAP units and other outside organizations.



Flight Briefing. Air Force Maj James Vogelgesang (right) briefs Alabama Wing Cadet Kathryn Kesler and Indiana Wing Cadet Eric Kattenmark on what to expect during their T-37 orientation flights. Major Vogelgesang served as the activity project officer for the Air Training Command Familiarization Course at Columbus AFB, Mississippi. (Photo by George Wendt)

EMERGENCY SERVICES

The Civil Air Patrol Emergency Services strives to save lives and relieve human suffering. Civil Air Patrol demands professionalism to accomplish this service and qualifies members to participate in actual missions. The Emergency Services mission includes search and rescue in support of the Aerospace Rescue and Recovery Service in the continental United States, the United States Coast Guard in Puerto Rico, and the Joint Rescue Coordination Center in both Hawaii and Alaska. Additionally, the emergency services mission includes civil defense and disaster relief operations in support of local, state, and federal agencies plus other emergency services organizations.

During 1987, Civil Air Patrol responded to several disaster relief requests including support of forest fire-fighting crews in Oregon and flood assistance after heavy rains in New York, Massachusetts, and New Hampshire. Kansas CAP located isolated farmers and stranded motorists after a major spring blizzard and directed aid to assist in rescuing these victims. Civil Air Patrol cooperated with local civil officials and rescue organizations in search and rescue operations and also has mutual support relationships with the American National Red Cross, Salvation Army, Federal Emergency Management Agency, Federal Aviation Administration, U.S. Coast Guard Auxiliary, and other humanitarian organizations in conducting disaster relief operations.

In 1987, Civil Air Patrol and the Salvation Army updated their agreement of mutual support. Civil Air Patrol assists the American Red Cross with their blood

and tissue program and provides transportation for Red Cross use to collect and distribute blood and tissue. The California Wing, under the auspices of the state, entered into an agreement with the Northern California Transplant Bank to establish a CAP Live Organ Transport (CAPLOT) program whereby CAP provides air transportation between remote collection sites and donor banks for live tissue and organs. The wing was credited with 35 saves in 1987 and flew 44 additional life-enhancing missions; transporting live bone, hearts, livers, kidneys, and corneas.

SEARCH AND RESCUE

The U.S. Air Force is assigned responsibility by the National Search and Rescue Plan for coordinating inland search and rescue operations in the United States. As the civilian auxiliary of the Air Force, Civil Air Patrol is the primary resource used by the Air Force in fulfilling its responsibility for inland search and rescue.

In 1987, Civil Air Patrol flew 17,787 hours on 2,097 Air Force-assigned missions and was credited with locating 1,518 search objectives and saving 108 lives. Civil Air Patrol flew over 80 percent of the search hours on missions coordinated by the Air Force Rescue Coordination Center (AFRCC). Civil Air Patrol wings in coastal areas frequently assisted the U.S. Coast Guard in locating emergency position indicating radio beacons on boats and ships.



Agreement Update. CAP National Commander Brig Gen E. E. Harwell signed an updated disaster assistance agreement between Civil Air Patrol and the Salvation Army during a meeting at the CAP National Headquarters at Maxwell AFB, Alabama, on 4 December 1987. The Salvation Army National Commander Commissioner Andrew S. Miller and CAP Executive Director Air Force Col John T. Massingale, Jr., also signed the document. The two humanitarian organizations have been associated in providing assistance to persons in distress since the original statement of cooperation was adopted in 1973. (Photo by George Wendt)



Communications Demonstration. Capt Stephen Baxter of the CAP Utah Wing demonstrates the technology whereby communications between microcomputers is achieved through FM radio airwaves. The demonstration conducted during the CAP National Board Meeting in Salt Lake City, was viewed with interest by (left to right) CAP National Commander Brig Gen E. E. Harwell, Air University Commander Lt Gen Truman Spangrud, and CAP-USAF Commander Col John T Massingale, Jr. (Photo by George Wendt)

The high incidence of inadvertent activation and voice transmission on emergency locator transmitter (ELT) frequencies is of major concern. Civil Air Patrol continued to work with the AFRCC in an effort to decrease the false ELT rate. In cooperation with the AFRCC and the National Oceanic and Atmospheric Administration, CAP printed and distributed over 10,000 posters that alerted civilian pilots to the dangers of the interference of false ELT signals. Civil Air Patrol has continued to explore and work with other agencies toward more efficient and accurate methods of locating downed aircraft and thereby, increase the chances of saving lives.

In 1987, the CAP Pacific Region participated with the Air Force Rescue Coordination Center (AFRCC) in the third round of search and rescue (SAR) awareness symposiums. The event brought local, state, and federal members of the SAR community together to exchange knowledge about each other's SAR capabilities and operating procedures. The meetings play a significant part in CAP's continuing effort to promote awareness and improvement of SAR.

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:

Six Saved

Alaska. A Cessna 207 with seven persons on board was reported overdue enroute from Anchorage to Nondalton, Alaska. The aircraft was last heard from when requesting a weather update for Lake Clark Pass. Anchorage CAP located the downed aircraft and landed to assist the survivors. Anchorage CAP transported three survivors to Merrill Field, and 71st ARRS HH-3E helicopter transported three survivors and one deceased to Providence Hospital in Anchorage.

Overdue Aircraft

Maine. A Piper Aztec with one person on board enroute from Hartford, Connecticut, to Portland, Maine, was reported overdue. Maine CAP, Maine Forest Service, and the U.S. Coast Guard were alerted to assist in the search. The downed aircraft was located in the vicinity of Blackstrap Hill, and the USCG used a helicopter to recover the survivor to the Maine Medical Center in Portland.

Poison Victim

Michigan. The Blodgett Regional Poison Center requested the immediate transport of a blood specimen from a 2-year-old boy who had ingested an unknown amount of methanol. Michigan CAP picked up the specimen at Kent County Airport and delivered it by light aircraft to the Cadillac Airport, where a CAP ground team completed the delivery to the Blodgett Regional Poison Center.



Florida Aircraft. U.S. Representative Rod Chandler (left) of Washington presented the keys to Florida Wing's newest corporate aircraft to Florida Wing Commander Col Richard E. Leighton. The Cessna 182RG was purchased with Congressional Appropriated Air Force funds authorized under the Anti-drug Abuse Act of 1986 for the acquisition of major items of equipment needed by Civil Air Patrol for drug interdiction surveillance and reporting in support of the U.S. Customs Service. Congressman Chandler is a Civil Air Patrol lieutenant colonel and member of the CAP Congressional Squadron. After delivering the aircraft to Homestead AFB, Florida, Congressman Chandler flew on a U.S. Customs mission, which resulted in the interception of a high-speed boat and the apprehension of suspects by Customs agents. (Photo by Jean Stackton)

Overdue Helicopter

Alaska. Alaska CAP was alerted to assist the U.S. Fish and Wildlife Service and the 3rd Eskimo Scout Battalion of the Army National Guard in searching for an overdue Bell Jet Ranger helicopter with four persons on board. Alaska CAP located the downed helicopter and the 3rd Eskimo Scout Battalion recovered the four survivors. The survivors were uninjured, however, with wind chill temperatures exceeding 80 degrees below zero, it would have been doubtful they could have survived the night.

Lake Landing

Utah. Nevada, Arizona, Colorado, and Utah CAP cooperated in the search for a missing Cessna 210 with two persons on board enroute from Las Vegas, Nevada, to Aspen, Colorado. Utah CAP located the aircraft near Bryce Canyon, Utah. The pilot had made a wheels-up landing on a frozen lake at the 10,500-foot level. The survivors were recovered by snowmobiles and delivered to a local hospital.

Poisoned Child

Michigan. A 21-month-old child had ingested ant poison containing arsenic. At the request of the Blodgett Regional Poison Center, Michigan CAP delivered a urine sample by light aircraft from the Northern Hospital in Petoskey, Michigan, to the poison center in Grand Rapids, Michigan, for analysis to determine the correct type and amount of antidote required for treatment of the patient.

Missing Person

Oregon. At the request of the Jackson County, Oregon, Sheriff, Oregon CAP conducted an aerial search for a 94-year-old man missing from Talent, Oregon. Oregon CAP located the man five miles southwest of Talent and he was recovered by the Jackson County Sheriff.

Mercy Mission

Nebraska. At the request of the Omaha, Nebraska, Blood Bank, Nebraska CAP transported blood from the Omaha Municipal Airport to a waiting ambulance at Kearney Municipal Airport for use in the treatment of a 6-day-old infant suffering from a blood disorder.



Search Competition. Louisiana Wing's Lake Charles Composite Squadron medical technicians are evaluated on their emergency medical proficiency during the Southwest Region Search and Rescue Competition in Roswell, New Mexico. The Texas Wing team won the closely contested competition, with New Mexico taking second place and the Arizona contingent placing third. The Texas team will represent the Southwest Region in the 1988 National SAR Competition to be held at Whiteman AFB, Missouri. (Photo by Susan Weems Courtesy of the Rosewell Daily Record)



Safety Award Tennessee Wing Commander Col Charles R. Barksdale received the Paul W. Turner Award from CAP National Commander Brig Gen E. E. Harwell and Col John T. Massingale, Jr. during the CAP National Board Meeting. The award was based on the overall operational achievements and contribution to safety by members of the CAP Tennessee Wing. (Photo by George Wendt)

Float Plane

Alaska. A Lufthansa airliner relayed an emergency message to the Alaskan Air Command Rescue Coordination Center that a float plane with 4 persons on board had crashed on takeoff 50 miles W/NW of Anchorage. A CAP Alaska Wing aircraft was diverted and the 71st Aerospace Rescue and Recovery Squadron launched a helicopter. When the rescuers arrived on the scene, the aircraft had sunk and the four persons had evacuated the aircraft. A woman passenger had died from injuries suffered in the crash. The three elderly survivors were evacuated to Providence Hospital in Anchorage.

SARSAT Save

Vermont. The Air Force Rescue Coordination Center requested the Vermont CAP to investigate emergency locator transmitter (ELT) signals detected by the Search and Rescue Satellite Aided Tracking (SARSAT) system in the Swanton, Vermont, area. Vermont CAP used airborne and hand-held direction-finding equipment to locate the signals coming from a crashed Mooney aircraft near the Franklin County, Vermont, Airport. One of the persons on board had survived.

Cessna Crash

West Virginia. A Cessna 172 with four persons on board was reported missing enroute from York, Pennsylvania, to Elkins, West Virginia. West Virginia CAP located the crashed aircraft 15 miles northeast of Elkins. Two of the four persons on board survived the accident and were taken to Grant Memorial Hospital in Petersburg, West Virginia, by SAR ground rescue team.

Overdue Boat

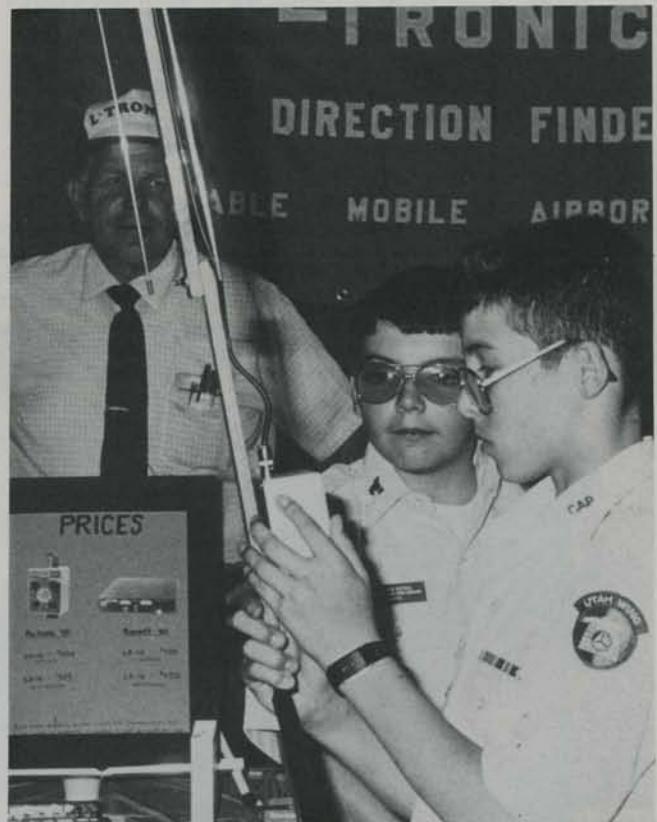
Alaska. The Alaska State Troopers requested Alaska CAP to search for an 18-foot boat overdue on a trip from Noorvik to Selawik. Alaska CAP located the boat at the mouth of the Kobuk River with mechanical problems and notified a ground party which towed the boat to safety.

Missing Hunter

Montana. The Wheatland County Sheriff requested Montana CAP to assist in the search for a missing hunter. Montana CAP located the 17-year-old girl in the Little Belt Mountains in good physical condition.

One Saved

Oregon. The Oregon Director of Aeronautics requested Oregon CAP to assist in the search for an overdue Cessna 180 with four persons on board and no flight plan filed enroute from Oak Ridge to Florence, Oregon. Oregon CAP located the downed aircraft in the vicinity of Walton, Oregon. One of the four persons on board had survived the crash.



Depot Display. The CAP Supply Depot display at the National Board Meeting in Salt Lake City provided an opportunity for Cap members to shop for items that they would normally have to purchase by mail order. Utah cadets Landon Kent (right) and Jared Smith of the Oquirrh Mountain Cadet Squadron inspect direction-finding equipment. (Photo by George Wendt)

Medical Emergency

Utah. As requested by the Dixie Hospital in St George, Utah, the Utah CAP delivered 16 units of blood from the Latter Day Saints Hospital in Salt Lake City to the Dixie Hospital for use in the emergency treatment of a 20-year-old woman suffering from a severe blood disorder.

Distress Mission

South Dakota. In response to a request from the United Blood Services in Rapid City, South Dakota, a South Dakota light aircraft was used to transport blood from Rapid City to Sioux Falls, South Dakota, for the treatment of an elderly man suffering from internal bleeding.

Forced Landing

Alaska. A mission was initiated to search for an overdue aircraft enroute from McGrath to Anchorage, Alaska. The first two days of search efforts were hampered by poor weather conditions. On the third day, the downed aircraft was located approximately 65 miles west of McGrath, and the Alaska CAP recovered the uninjured pilot. The pilot had run out of fuel after becoming disoriented, resulting in a forced landing in the bush. The pilot reported that his ELT had been on for 13 hours, however, no ELT signals had been reported by pilots flying in that area. A National Transportation Safety Board representative checked the ELT and found its signal to be extremely weak.

Distress Signal

Utah. The CAP Utah Wing was requested by AFRCC to check on ELT distress signals detected by the SARSAT system in the Cedar City, Utah, area. Utah CAP used airborne and hand-held direction-finding equipment to locate a crashed Cessna 170 three miles southeast of Cedar City. Two of the three persons on board survived but were seriously injured.

Lost Snowmobilers

Alaska. At the request of the Alaska State Troopers, Alaska CAP assisted in the search for three men who were four days overdue in returning from a snowmobile trip in the Caribou Hill north of Homer, Alaska. The men were located five miles north of the Homer VOR. They had become lost and their machines ran out of gas. After deciding it was impossible to walk out, they had set up camp and waited for assistance.

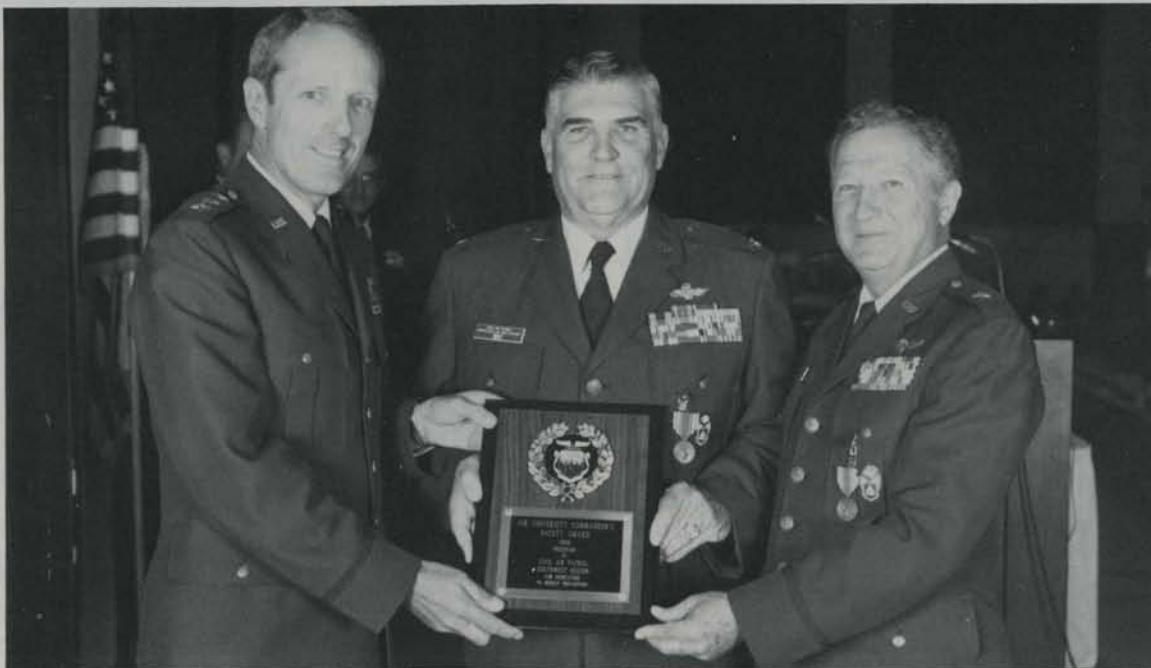
Fatal Crash

Nebraska. A mission was opened to search for a missing Cessna 402 with three persons on board enroute from Alliance to Chadron, Nebraska. Nebraska CAP located the crashed aircraft in a tree six miles northeast of Chadron. A Nebraska CAP ground party recovered one survivor and two deceased persons.

Blood Transport

Colorado. In response to a request from the Logan County Hospital in Sterling, Colorado, a Colorado CAP light was used to transport blood from Denver to Sterling for use in the treatment of a man undergoing heart surgery.

Commanders Award. Air University Commander Lt Gen Truman Spangrud (left) and CAP National Commander Brig Gen E. E. Harwell presented the Air University Commander's Safety Award to Col George Way during the CAP National Board Meeting. As former Southwest Region Commander, Col Way accepted the award on behalf of all members of the region. (Photo by George Wendt)



CIVIL PREPAREDNESS AND DOD SUPPORT

Civil preparedness is essential to the United States' deterrent posture. Accordingly, the Joint Chiefs of Staff are authorized to call upon the military services for resources needed to support civil preparedness. Civil Air Patrol, as the official Air Force auxiliary, is a valuable asset to the Air Force in assisting with this mission. Civil Air Patrol has worked with the Federal Emergency Management Agency (FEMA), Federal Aviation Administration (FAA), U.S. Army Forces Command (FORSCOM), and various Army, Navy, Coast Guard, and other DOD agencies to develop plans for supporting civil and military noncombatant requirements. Civil Air Patrol tasking in support of national agencies includes:

- Search and rescue (SAR) for downed aircrews
- Damage assessment, visual and photographic
- Airborne radiological monitoring
- Communications: HF and VHF, and VHF-FM
- Courier flights for personnel, small parts, and documents
- Continental US Air Reconnaissance for Damage Assessment (CARDA)
- Natural disaster response and support
- Medical evacuation/transportation
- Radar and/or communications systems evaluation
- Coastal area surveillance
- IR/VR low-level training route surveys
- State and Regional Disaster Airlift (SARDA) plans



California Training. Aircrews fly in from all over the CAP California Wing to participate in the Bishop High Altitude Search Training Exercise held in June and October each year. Invaluable flying experience is gained when the desert-like terrain of Bishop Airport at 4,120 feet is combined with the rugged high altitude terrain of the Sierras, reaching heights of 14,400 feet a few miles away. (Photo by Carmine Gaidasz)



Forest Bivouac. Members of Florida's Brandon Cadet Squadron use makeshift litter to evacuate "victim" during survival training held in Withacoochie State Forest. (Photo by Dusty Miller)

AIR FORCE PARTS AND PERSONNEL TRANSPORT

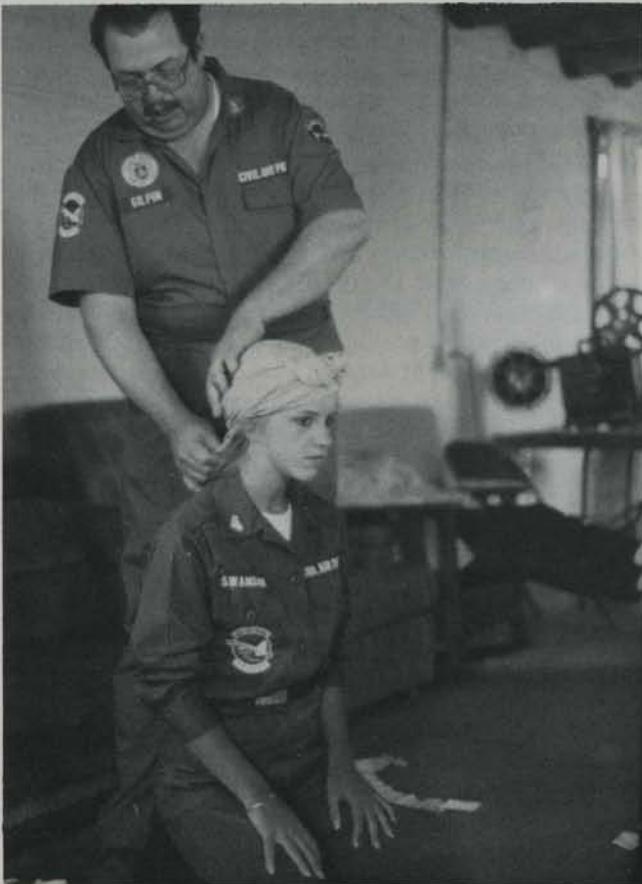
Although a limited activity, CAP's role in transporting aircraft parts, personnel, and other items is benefiting both CAP and the Air Force. Many Air Force bases serve as central supply points or have satellite operations at nearby bases. When there is an immediate need for this support, CAP can transport the required items, allowing combat support aircraft to maintain operational status without the delays of scheduled transportation and without wasting valuable aircrew training time. During 1987, The Michigan wing, CAP, concluded an agreement with an Army security police contingent to provide transport to remote sites.



Congressman Pilot. U.S. Representative Jim R. Lightfoot from Iowa's Fifth Congressional District was presented a certificate of membership in the CAP Congressional Squadron by former Iowa Wing Commander Col James L. Black (left) and Cadet Kevin Johnson. The congressman has been a pilot since 1962 and flies his Beechcraft Bonanza on congressional related matters.

CIVIL AIR PATROL CUSTOMS MISSION.

On 14 November 1985, Civil Air Patrol (CAP), the U.S. Air Force, and U.S. Customs Service entered into an agreement whereby CAP would assist the U.S. Customs Service by performing air surveillance reconnaissance flights along the boundaries of the United States in support of the government's drug interdiction effort. Civil Air Patrol aircraft operating costs are paid by the Air Force with Customs Service reimbursing the Air Force. Civil Air Patrol support is limited to data-gathering flights and supporting communications of a passive nature. It does not involve CAP members in law enforcement. The program began along the Florida coast, with CAP being on call to check on suspicious vessels, and is now expanded along the coastal boundaries of the continental United States. Approximately 1,100 CAP members were trained in the Customs drug mission, and CAP now flies about half of the Customs Service surveillance/patrol flying hours. By the end of December, CAP had flown 3,042 hours on 823 missions.



First Aid. Cadets from Colorado's Arvada Cadet Squadron received American Red Cross training during a mid-October bivouac at Camp Paul Hummel, a church camp just west of Boulder. Maj Ken Gilpen, a first-aid instructor, applies a head bandage to Cadet Christine Swanson as he explains the proper first-aid technique involved. (Photo by Robert Ratliff)

MILITARY TRAINING ROUTE SURVEYS

Civil Air Patrol helps assure the safety of Air Force aircrew members by providing aircraft to survey military low-level flight training routes for hazards and environmental factors. Established military training routes allow military pilots to practice low-level bomb, airdrop, and reconnaissance missions. The routes selected enable a realistic, yet safe mission to be flown with the least possible environmental impact. The FAA requires an aerial visual survey to be flown below 1,000 feet; once down the center and once along each side. During 1987, 66 training route survey missions were flown by CAP.



Aircraft Delivery. U.S. Representative Bill Chappell of Florida's Fourth District (center) presented the keys to a Cessna 182RG aircraft to CAP National Commander Brig Gen E. E. Harwell (left) and CAP Florida Wing Commander Col Richard E. Leighton. Congressman Chappell is a member of the CAP Congressional Squadron and a sponsor of recent legislation to enhance Air Force support of Civil Air Patrol. The aircraft delivered by Congressman Chappell was purchased with Congressionally appropriated Air Force funds authorized under the Anti-drug Abuse Act of 1986 for the acquisition of major items of equipment needed by Civil Air Patrol for drug interdiction surveillance and reporting in support of the U.S. Customs Service. (Photo by Jerry Layshock)

FLIGHT CLINICS

Civil Air Patrol promotes flight safety by sponsoring flight clinics to increase or maintain basic flight skills of CAP pilots. These clinics are sometimes held 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-certificated flight instructor or a qualified CAP check pilot. During 1987, a total of 1,605 CAP pilots participated in flight clinics held throughout the country.



Search Test. 1st Lt Walter Munns (left) and Cadet Brian West of New Mexico's Alamogordo Composite Squadron provide communications support to the wing's search and rescue exercise held in Roswell, New Mexico, during July. The training sharpened individual member skills and helped the wing earn second place in the Southwest Region Search and Rescue Competition a week later. (Photo by Susan Weems, Courtesy of the Roswell Daily Record)

COMMUNICATIONS

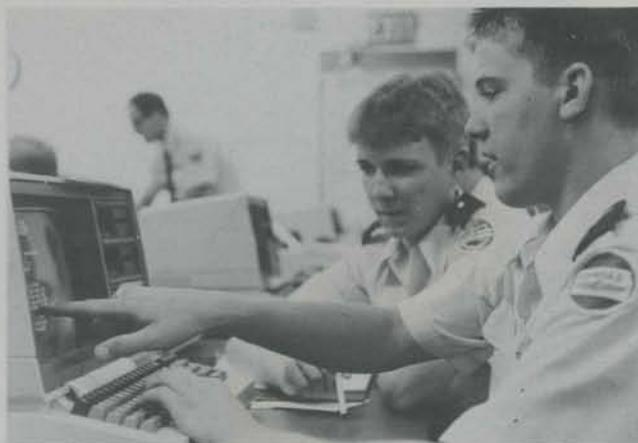
The communications mission of the Civil Air Patrol is to organize and maintain a reliable, nationwide point-to-point ground and, air mobile radio capability for use during emergencies and for training communications personnel. Civil Air Patrol, with its dispersed units located nationwide, has established a comprehensive network consisting of over 32,000 fixed, ground mobile, air mobile, and repeater stations licensed by the FCC.

Throughout 1987, the CAP continued to provide vital communications support to local, state, and federal agencies during disaster relief, search and rescue, and many other emergency situations. Civil Air Patrol communicators used state-of-the-art high-frequency (HF) and VHF radios and repeaters in supporting Air Force Rescue Coordination Center (AFRCC) search missions as well as interfacing with state emergency management centers (EOC), the National Communications System (NCS), and other organizations and agencies. To enhance continued reliability and improve its capability, CAP communications were activated daily with initiation of CAP's National Command Net. Civil Air Patrol regions activated nets to their respective wings, wings to groups and squadrons, and finally a VHF-FM broadcast to the most remote units to ensure positive communications coverage. In addition to the National Command Net, special networks are organized for specific purposes using the varied frequency spectrum on both HF and VHF, thus enabling CAP to operate many nets simultaneously without communications interference. This intensive operations coverage by the CAP communications system

demonstrated its interface capability with other agencies to provide an effective and cohesive nationwide communications support.

One of CAP's primary goals is to strengthen its communications capability by improving operational networks for commanders in order to more effectively communicate with their superior and subordinate commanders. To enhance this goal, the communications system was upgraded with the purchase of modern technology equipment. In 1987, 52 HF radios, 102 VHF-AM, and 159 VHF-FM radios, with supporting power supplies and generators, were provided. This equipment, maintained and operated by CAP communicators, dramatically improves the responsiveness of Civil Air Patrol to current and future mission requirements during disaster situations, especially in the event of a national emergency.

In the past year, CAP planned and initiated a "No-Notice" Wing Operational Effectiveness Exercise designed to evaluate all emergency services resources in a "real world" scenario, with emphasis on tactical communications support and mobility. Thus far, CAP communications have performed in a highly professional manner and responded extremely well to support the goals of the exercise. Civil Air Patrol communicators gained valuable experience in these exercises and are looking ahead to 1988 with great enthusiasm. The goal is to continue to improve productivity and efficiency within the communications system. The Civil Air Patrol is proud of their communicators whose commitment to the "communication mission" has earnestly endeavored to make CAP the best trained, most proficient and active body of volunteer communicators in the nation.



Student Teamwork. Cadets attending the second annual Air Force Computer Orientation Program at Gunter AFS, Alabama, learn more quickly by working together. Cadet James W. Goodlett demonstrates computer commands for Cadet Brad Brackett. The week-long program introduced cadets to the field of computers and demonstrated ways the Air Force uses computers in today's era of modern technology. (Photo by George Wendt)

AEROSPACE EDUCATION

Aviation and space anniversaries and continued expansion of Civil Air Patrol aerospace education were significant factors during 1987. Notables, past and present, were honored around the world for outstanding aviation and space achievements. The aerospace education program proved notable, too, as new concepts and programs were implemented and the objectives of continuing to educate our own membership and the American public were accomplished.

NATIONAL CONGRESS ON AVIATION AND SPACE EDUCATION

A record turnout of nearly 1,300 educators, business and industry leaders, and Civil Air Patrol members attended the 20th annual National Congress on Aviation and Space Education (NCASE) in Orlando, Florida, on March 26-28. This event is cosponsored by the National Aeronautics and Space Administration, the Federal Aviation Administration, and Civil Air Patrol. It is designed to promote an understanding of aviation and space education throughout the nation. The motivational program encourages teachers to incorporate aerospace education into their curricula and leaders to speak out on the aerospace issues facing our nation today.



Aviators Honored. Illinois Wing members Lt Col Barbara Jenison and Maj Elroy Hilbert were inducted into the Illinois Aviation Hall of Fame by Dr. William Bernard, President of the Illinois Aviation Hall of Fame, and Lt Col Raymond Johnson, Executive Officer of the Illinois Wing. Jenison and Hilbert were honored for their contributions to the promotion and advancement of aviation in Illinois. Left to right: Dr. Bernard, Lt Col Jenison, Lt Col Johnson, and Maj Hilbert. (Photo by Ted Koston)



Aerospace Award. Melba Iris Harris was presented the second annual A. Scott Crossfield Aerospace Teacher of the Year Award by A. Scott Crossfield during the 20th annual National Congress on Aviation and Space Education held in Orlando, Florida, on 26-28 March. The first-grade teacher from Fort Payne, Alabama, also received a check for \$1000 as part of the award. (Photo by George Wendt)

The 3-day meeting opened with Presentation of Colors by the color guard of a local CAP squadron and introductions by the Master of Ceremonies, Mr. John D. Hanks, Special Assistant to the Assistant Administrator for Public Affairs, FAA.

Brig Gen Charles "Chuck" Yeager, USAF Retired, delivered the keynote address. In accordance with the Congress anniversary theme, Gen Yeager shared highlights emphasizing the 40th anniversary of being the first to fly faster than the speed of sound.

Additional speakers included Hazel Jones, immediate past president of the Ninety-Nines, leading a tribute to Amelia Earhart; Capt Robert L. Crippen, USN, NASA, astronaut; T. Wendell Butler, Executive Director of the Young Astronaut Program; Dick Rutan and Jeana Yeager, first to fly nonstop, nonrefueled around the world; and Dr. Paul E. Garber, Historian Emeritus of the National Air and Space Museum.

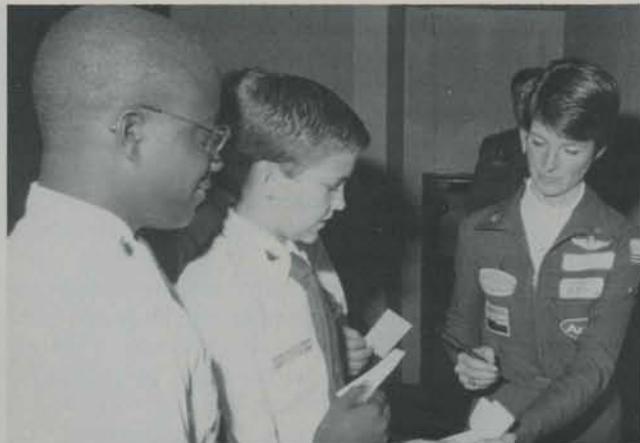
Among other highlights of the Congress was the opportunity for all-day field trips to Kennedy Space Center, Embry-Riddle Aeronautical University, Epcot, and other area sites.

Many small group meetings and seminars were held for all grade-level teachers. Other special interest groups also met during these times, i.e., CAP aerospace education officers, Air Force ROTC instructors, CAP National Executive Committee, and NASAO Education Coordinators. It was a time to share experiences, techniques, and methods, and to plan for the future.

A unique Reception for Eagles, true pioneers in the field of aviation, was held in a format where they mingled with Congress participants and then made brief comments on their current activities. The event featured such luminaries as Francis Gabreski, Paul E. Garber, Joe W. Kittinger, Brooke Knapp, Fay Gillis Wells, Chuck Yeager, Scott Crossfield, and Mary Feik.



AFA Award. Lt Col Ruth J. Edwards of the Montana Wing was presented the Air Force Association's Civil Air Patrol Senior Member of the Year Award from the Rocky Mountain Region Air Force Association Regional Vice President William J. Gibson (right) and CAP National Commander E. E. Harwell. Lt Col Edwards was also honored as the CAP Senior Member of the Year during the annual Civil Air Patrol National Board Meeting in Salt Lake City. (Photo by George Wendt)



Aviation Congress. Jeana Yeager signed autographs for cadets Bryan Pettigrew (left) and Douglas Edenfield during the National Congress on Aviation and Space Education. She and copilot Dick Rutan later briefed a standing room only audience on their record-breaking around-the-world, unrefueled, nonstop flight in the Voyager aircraft. (Photo by George Wendt)

The Crown Circle Award is presented annually to a very select few for accomplishments in aerospace education. The inductees this year were Noel A. Bullock, Don H. Clausen, and Melba Iris Harris.

Ms. Harris, an elementary teacher from Ft. Payne, Alabama, was presented with the second annual Civil Air Patrol/A. Scott Crossfield Teacher of the Year Award which recognizes the best aerospace education teacher in the nation.

The 21st annual National Congress on Aviation and Space Education will be held at the Los Angeles Airport Hilton in Los Angeles, California, on March 24-26, 1988.



Cadet Honor. Cadet Gary Anselmo of Washinton's North Spokane Composite Squadron was presented the Air Force Association-Washington Wing Cadet of the Year Award by Strategic Air Command Chief of Staff Maj Gen Robert D. Beckel during the AFA Washington State Convention at Fairchild AFB, Washington.

AEROSPACE EDUCATION

AEROSPACE EDUCATION WORKSHOPS

Civil Air Patrol, in cooperation with colleges, universities, and individual school systems, supported 200 graduate-level aerospace education workshops in 39 states with approximately 5,000 educators attending. Such statistics are solid evidence that supporting teacher training through workshops continues to be one of Civil Air Patrol's most important contributions to aerospace education.

Air Force support was provided by Air Force Reserve personnel on active duty tours. They 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. Following its established policy, Civil Air Patrol provided advice, assistance, and support in developing curriculums according to the requirements of the host institution.



Aerospace Teacher. Melba Iris Harris from Fort Payne, Alabama, was awarded the A. Scott Crossfield Aerospace Teacher of the Year Award during the National Congress on Aviation and Space Education held in Orlando, Florida, on 26-28 March. Following a visit with Alabama Governor Guy Hunt, Ms Harris and a group of award-winning first-grade students were accompanied by A. Scott Crossfield to the 13 May 1987 base open house at Maxwell AFB, Alabama. (Photo by George Wendt)



Congress Speaker. Dr. Paul Garber, Historian Emeritus at the National Air and Space Museum, talks with cadets Bryan Pettigrew, Fred Tomaschewski, and Kyle Westgate during the 1987 National Congress on Aviation and Space Education. Dr. Garber narrated a special presentation on Charles Lindberg during one of the general assemblies. (Photo by George Wendt)

AEROSPACE EDUCATION MATERIALS

In order to meet the training needs of Civil Air Patrol aerospace education program, existing materials were revised and new ones were implemented. In accordance with the significant accomplishments of Charles Lindbergh and Amelia Earhart, revised single-concept learning packets and activity booklets for the elementary level were published for use in the educational arena nationwide. Created for use by the same audience were single-concept posters of a chronology of aerospace events and aeronautics, along with activity booklets emphasizing general aerospace topics for use in levels kindergarten through grade two.



Leadership Award. Maj Jesse D Riehle (right) was presented the F. Ward Reilly Leadership Award by Brig Gen E. E. Harwell during the awards ceremony at the close of the 1987 National Board Meeting. Riehle was recognized for his performance as commander of the Grand Rapids Composite Squadron of the Minnesota Wing, which was selected as the Civil Air Patrol Squadron of Distinction. (Photo by George Wendt)

Academy Honor. Air Force Academy Cadet Firstclass Eric A. Boe was honored as the former Civil Air Patrol Cadet graduating highest in order of merit in the class of 1987. Boe's name was added to the Civil Air Patrol Honor Roll Scroll which hangs in Arnold Hall and he was presented a personal plaque by Air Force Academy Commandant of Cadets Brig Gen Sam Westbrook III. Following graduation, Cadet Boe was assigned to the prestigious Euro-NATO Joint Jet Pilot Training Program at Sheppard AFB, Texas where he will earn his silver wings following a year of intensive ground school and flight training. Eric is the son of retired Air Force Major and Mrs. Gerald Boe of Doraville, Georgia and was a member of the Civil Air Patrol's Atlanta Composite Squadron where he earned the General Carl A. Spaatz Award in 1983. (Photo by Bill Madsen)



Memorial Plaque. Civil Air Patrol National Commander Brig Gen E. E. Harwell accepted a memorial plaque commemorating the crew of the Challenger space shuttle from Astronaut Mike Lounge during the CAP National Board meeting in Salt Lake City. The plaque contained a photograph of each of the Challenger's seven crew members and a special CAP seal which was one of 500 flown on the ill-fated Challenger mission. Following the shuttle disaster, the seals were recovered, however, NASA established a policy whereby only one of multiple items flown on the shuttle would be returned to sponsoring agencies. (Photo by George Wendt)





The California Wing team, representing the CAP Pacific Region, won top honors and the Air Force Chief of Staff Sweepstakes Trophy in the Civil Air Patrol National Cadet Competition held at Maxwell AFB, Alabama, on 28-29 December 1987. The 16-member region teams competed in precision drill, physical fitness, and aerospace knowledge. The Pacific Region Team won first place in the standard drill, innovative drill, volleyball, panel quiz, and written examination phases of the competition. This was a back-to-back victory for the team which also finished first in the 1986 event. The New York team representing the Northeast Region, a four-time winner of the competition, finished second in the closely contested event. CAP National Commander Brig Gen E. E. Harwell (left) and CAP Executive Director Air Force Col John T. Massingale, Jr., (right) pose with winning team following awards ceremony. (Photo by George Wendt)

Civil Air Patrol National Commander Brig Gen E. E. Harwell (center) posed with Mr. John V. "Jack" Sorenson (left) and Col Obed A. "Pancho" Donaldson following their induction into the Civil Air Patrol Hall of Honor. Sorenson and Donaldson display their bronze plaques which will be permanently place in the CAP Hall of Honor at the Air Force Museum, Wright-Patterson AFB, Dayton, Ohio. Col Donaldson, who became a member of CAP on 1 December 1941, was recognized for his wartime service as a pilot/observer with the CAP Southern Liaison Patrol on the Texas-Mexico border, his service as Oregon Wing commander, and his role in developing the CAP Staff College program. Mr. Sorenson, who began his association with Civil Air Patrol as director of aerospace education with the CAP Pacific Region, culminated his 30 years of service in 1983 as the National Headquarters Deputy Chief of Staff for Aerospace Education. His contributions included the design of the current CAP Cadet Program, development of the CAP Aerospace Education Workshop Program, and creation of the National Congress on Aviation and Space Education.



Four children of the Retz family of Kansas have earned the prestigious General Carl A. Spaatz Award which signifies completion of all phases of the Civil Air Patrol Cadet Program. They are (from left) Patrick, Mary, and Kevin Retz who hold positions of leadership in the Kansas Wing Wichita First Composite Squadron. The fourth member of this record group, Lawrence, lives in California. (Photo by Richard Anderson)



CAP Los Angeles Group 1 and Long Beach Group 7 members participated in Los Angeles International Airport "Response 87 Earthquake Exercise" on 14 October 1987. Cadets Ruddy Weber (right) and Scott Limpus of California's Burbank Cadet Squadron assist in evacuating simulated casualties. CAP volunteers assisted in organizing the casualties in groups according to the severity of their injuries, with the most seriously injured placed on commercial airliners for evacuation to "safe cities" in the western states. Ten CAP aircraft were used to transport casualties from LA's smaller airports. (Photo by Pat Malone)

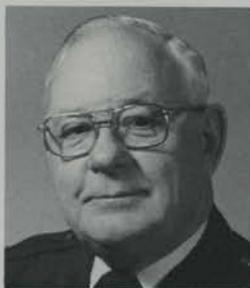


CIVIL AIR PATROL NATIONAL BOARD MEMBERS

(As of 31 December 1987)



NATIONAL COMMANDER
Brig Gen Eugene E. Harwell
CAP



NATIONAL VICE COMMANDER
Col Edgar M. Bailey
CAP



NATIONAL CHIEF OF STAFF
Col George R. Way
CAP



EXECUTIVE DIRECTOR
Col John T. Massingale, Jr.
USAF



COMMANDER
NORTHEAST REGION
Col John M. Bertoli
(Vermont)



COMMANDER
MIDDLE EAST REGION
Col David Ellsworth
(North Carolina)



COMMANDER
GREAT LAKES REGION
Col Jack R. Hornbeck
(Indiana)



COMMANDER
SOUTHEAST REGION
Col William C. Tallent
(Tennessee)



COMMANDER
NORTH CENTRAL REGION
Col Gerald S. Holiday
(Missouri)



COMMANDER
SOUTHWEST REGION
Col Harold W. Bowden
(Texas)



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



COMMANDER
PACIFIC REGION
Col Warren G. Barry
(California)

NATIONAL FINANCE OFFICER
Brig Gen Johnnie Boyd
CAP



NATIONAL LEGAL OFFICER
Col Maurice E. Cook
CAP



**WING
COMMANDERS**

MIDDLE EAST REGION

DELAWARE

Col Herbert M. Wood

MARYLAND

Col Kenneth R. Welk

NATIONAL CAPITAL

Col Costello N. Robinson

NORTH CAROLINA

Col Jack D. Moorefield

SOUTH CAROLINA

Col Douglas Abercrombie

VIRGINIA

Col Herman H. Maddox

WEST VIRGINIA

LTC James M. Hazelrigg

NORTH CENTRAL REGION

IOWA

Col Eugene C. Kellogg

KANSAS

Col Ralph Rissmiller, Jr.

MINNESOTA

Col Alan Brandon

MISSOURI

Col Joseph D. McMillan

NEBRASKA

Col Richard L. Anderson

NORTH DAKOTA

Col Paul E. Eide

SOUTH DAKOTA

Col Jerry A. Hayden

NORTHEAST REGION

CONNECTICUT

Col Howard E. Palmer

MAINE

Col David J. Braun

MASSACHUSETTS

Col Donald N. Prouty

NEW HAMPSHIRE

Col George G. Heald

NEW JERSEY

Col Frederick G. Camenzind

NEW YORK

Col Roy I. Arroll

PENNSYLVANIA

LTC Raymond F. Schuler

RHODE ISLAND

Col Raymond G. Berger

VERMONT

Col Gary A. Skogebo

SOUTHWEST REGION

ARIZONA

Col Dalton O. Smith

ARKANSAS

Col A. G. Melson

LOUISIANA

Col Wallace P. Ansardi

NEW MEXICO

Col Larry A. Harrah

OKLAHOMA

Col Fred L. Latchaw

TEXAS

Col Thomas L. Todd

GREAT LAKES REGION

ILLINOIS

Col Lawrence F. Lis

INDIANA

Col Peter C. Crasher

KENTUCKY

Col William K. Hughes

MICHIGAN

Col Kenneth C. Redington

OHIO

Col Larkin C. Durdin

WISCONSIN

Col Arthur R. Shanley

ROCKY MOUNTAIN REGION

COLORADO

Col Roger E. MacDonald

IDAHO

LTC Paul G. Dougherty

MONTANA

Col Lance J. Edwards

UTAH

Col E. Woodrow Walton

WYOMING

LTC Darlene G. Gilmore

SOUTHEAST REGION

ALABAMA

LTC Glen D. Atwell

FLORIDA

Col Richard E. Leighton

GEORGIA

Col James A. Hyde, Jr.

MISSISSIPPI

Col Therrell D. Fortune

PUERTO RICO

Col John J. Gonzalez

TENNESSEE

Col Charles R. Barksdale

PACIFIC REGION

ALASKA

Col Troy G. Sullivan

CALIFORNIA

Col V. Lee White

HAWAII

Col John A. Parrish

NEVADA

Col Don L. Schwartz

OREGON

Col Earl G. Smith

WASHINGTON

Col William H. Hamilton

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

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

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



The DeHavilland "Beaver," equipped with either floats, skis, or conventional landing gear, is a workhorse of the Alaska CAP corporate aircraft fleet performing the emergency services mission in the harsh environment of the Alaskan wilderness. This utility aircraft is used for search and rescue, air evacuation, transportation of ground search teams, and in various other roles over difficult terrain where improved landing strips are practically nonexistent. Alaska CAP has 9 "Beavers" in its 30-plane fleet.



Civil Air Patrol and the American National Red Cross continued the long-standing mutual support relationship between the two humanitarian organizations during 1987. Civil Air Patrol supported the Red Cross by transporting human blood in emergency situations and cooperated in disaster relief operations. Also, in accordance with the March 1985 agreement between the two organizations, CAP supported the Red Cross in its program for obtaining human tissues for transplantation by providing transportation for Red Cross personnel for collection of donor tissues and transport of tissues to central distribution centers.



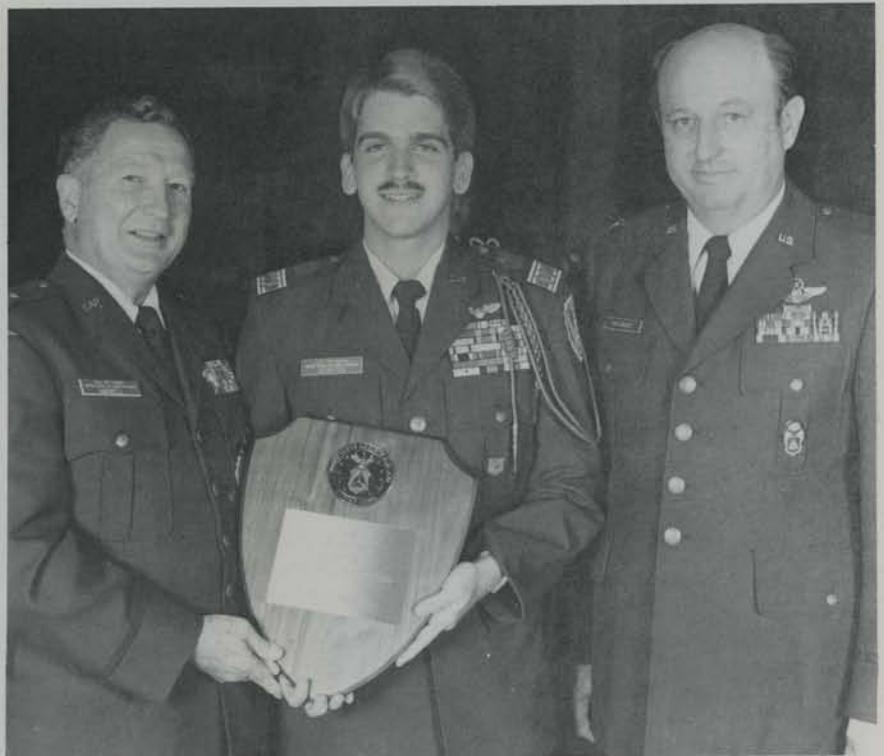
Pararescue Orientation Courses, basic and advanced, were conducted by the USAF Pararescue School to instruct 137 cadet participants in the various techniques of rescue operations. The exceptionally popular 1-week basic program was conducted at three sites: Kirtland AFB, New Mexico; Fort Knox, Kentucky; and George Washington National Forest, Virginia. The Advanced Pararescue Orientation Course, conducted for the first time in 1987, was held at Kirtland AFB, New Mexico, and attended by 10 cadets.

Florida Wing Cadets (from left) Pam Wise, Rhonda Whitesides, and Jeremy Hardy have just received their first helicopter flight. In addition to the 125 Florida cadets who experienced a flight in an Army helicopter during the orientation flying day sponsored by Florida's DeLand Composite Squadron, 7 CAP light aircraft were also available to support the cadet orientation flight effort. (Photo by Sid Birns)





Mission Aircraft. Vermont Wing Commander Col Gary A. Skogebo (right) accepts the keys to Vermont's new Cessna 182 from CAP National Administrator Carl S. Miller. The aircraft was purchased from congressionally appropriated Air Force funds authorized under the Anti-drug Abuse Act of 1986 for acquisition of major items of equipment needed by Civil Air Patrol for drug interdiction surveillance and reporting in support of the U.S. Customs Service. (Photo by George Wendt)

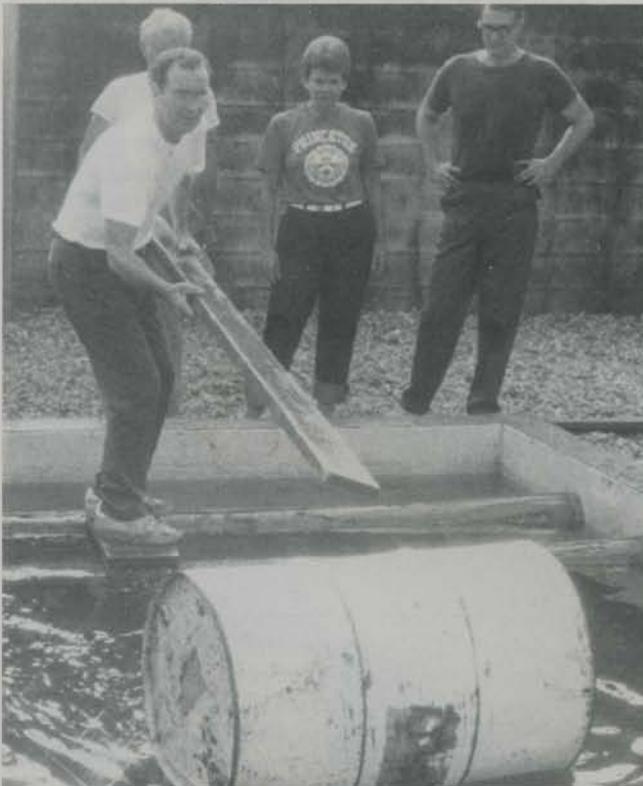


Cadet of the Year. Cadet Kevin Reinstein of the National Capital Wing's Andrews Composite Squadron was selected as the 1986 Civil Air Patrol Cadet of the Year. Kevin's achievement was recognized by CAP National Commander Brig Gen E. E. Harwell (left) and CAP Executive Director Air Force Col John T. Massingale, Jr. during an awards ceremony at the CAP National Board Meeting in Salt Lake City. Kevin is the son of Danny and Elsie Reinstein of Temple Hill, Maryland and is a University of Maryland computer science major. (Photo by George Wendt)

SENIOR MEMBER TRAINING

For any organization to be consistently successful, it must have dedicated leaders with well developed management and leadership skills. This is particularly true of a volunteer organization such as Civil Air Patrol where the only pay received is the satisfaction of having contributed to a meaningful national service. To provide these skills from a diverse membership of varied education and skill levels, a strong and standardized training program is an absolute necessity. Not only must members be trained to support the cadet program, aerospace education, and the more exciting search and rescue mission, they must also be trained to do the routine day-to-day jobs. Senior members diligently train through on-the-job and self study in 17 specialty tracks such as personnel, logistics, finance, and administration, which are fundamental to any successful organization.

The senior Training Division at National Headquarters identifies training needs and develops required programs in relation to the demonstrated and expressed desires of CAP members to fulfill the purposes and accomplish the missions of Civil Air Patrol. The division staff works with CAP members in the field at all levels to develop curricula for courses to be conducted by CAP personnel. The CAP senior training program is organized into five levels.



Staff School. The annual CAP National Staff College was conducted at Maxwell AFB, Alabama, on 2-8 August for 100 CAP senior members. The curriculum included a challenging workout on "Project X", which provides lessons in problem solving, leadership, and teamwork. (Photo by George Wendt)



Florida Historian. Florida Wing Historian Lt Col Elizabeth Sedita was presented the Wing Historian of the Year Award by Civil Air Patrol National Commander Brig Gen E. E. Harwell during the historical seminar at the CAP National Board Meeting. (Photo by George Wendt)

Level I. CAP Orientation Course (Membership Award)

The Level I CAP Orientation Course is presented in two parts. The first part provides basic information on history and organization of CAP, career development programs, activities, CAP customs and courtesies, proper wear of the CAP uniform, and basic principles of leadership and management, and child abuse protection program. This is accomplished through self study using a kit of materials known as the Senior Member Handbook. The second segment of the course is a slide/tape presentation which reinforces the basic instruction areas. During 1987, 26,552 Civil Air Patrol members completed Level I training requirements.



Historic Aircraft. Maryland Wing Commander Col Kenneth R. Welk (left) presented a certificate to retired Air Force Lt Col George L. Weiss, which identifies the Fairchild 24-C8F aircraft owned by Lt Col Weiss as one of those flown by Civil Air Patrol pilots performing the CAP coastal patrol mission in 1942 and 1943.

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

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

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

In addition to the CAP-conducted training, senior members complete a comprehensive CAP Officer Course administered by the U.S. Air Force Extension Course Institute (ECI) at Gunter Air Force Station, Alabama. In 1987, 996 CAP personnel completed Level II Senior Training requirements, with a total of 1,731 CAP members attending 119 Squadron Leadership Schools.



Encampment Training. Over 100 cadets from Colorado, Nebraska, Oklahoma, Iowa, Minnesota, and Kansas CAP Wings participated in an encampment hosted by McConnell AFB, Kansas. Former Iowa Wing Commander Col James Black demonstrates his technique in overcoming a barrier during the encampment's confidence course training. (Photo by Victor Trisvan)



Center Support. Maj Gen Chris O. Divich, Commander of the Air Force Military Training Center at Lackland AFB, Texas, accepts a Civil Air Patrol certificate of appreciation from CAP Lt Col Ken Curry, Commander of the Texas Wing Kelly Composite Squadron Lt Col Curry made the presentation on behalf of the CAP Southwest Region Commander in appreciation of the support provided by Lackland AFB personnel for the Southwest Region Cadet Leadership School.

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

Central to Level III training is the Corporate Learning Course. Training is conducted over a weekend and concentrates on specified CAP regulations, manuals, and pamphlets. It is designed to provide senior members with the practical knowledge necessary for squadron management. Additionally, to complete Level III training, members must hold a command or staff position for one year, advance to senior level in the specialty area began in Level II, and participate in CAP activities above the squadron level. The year 1987 saw 781 CAP members complete Level III, Command and Staff, Senior Training requirements, with 1,290 attending 98 Corporate Learning Courses.

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

The training program for this level is designed to prepare senior members for high levels of leadership in CAP. Members are expected to represent CAP in their communities by making presentations before local civic groups, church groups, governmental agencies, etc. Members must also attend a 1-week staff college normally conducted annually in each of the eight CAP regions. The college provides training in communication, leadership, and management skills for squadron-level commanders and staff officers. More than 284 senior members graduated from region staff colleges in 1987. Additionally, members must take a more active role in CAP national, regional, and wing events and continue their service in a command or staff position. During the year, 365 CAP officers completed Level IV Senior Training, with 331 of them attending 9 Region Staff Colleges.

CAP CHAPLAINCY

Level V. Executive (Gill Robb Wilson Award)

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

Specialized Mission Training

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

- **National Search and Rescue (SAR) School.**

The National SAR School is designed to enhance the professionalism of SAR mission coordinators. In 1987, 44 CAP members attended the course conducted by the USAF and US Coast Guard.



Color Guard. South Carolina's Anderson Composite Squadron cadet color guard participated in the city of Anderson's celebration of the Constitution's 200th anniversary. (Photo by Marion Carroll)



White House Visit. Mr. Frank Carlucci, then newly appointed Chief of the National Security Council, hosted CAP Lt Col Edward M. Dannemiller and a group of Civil Air Patrol International Air Cadet Exchange (IACE) cadets during a July 1987 visit to the White House. Mr. Carlucci and Mr. Dannemiller served together in the U.S. Army in the early 1960's. From left: Ruben A. Hernandez, Puerto Rico; Elizabeth A. Mayer, California; Edward Soto, New York; Robert S. Klimowicz, California; Mr. Carlucci; Thomas M. Kmetz, Arizona; Edward M. Dannemiller, Georgia (IACE Escort to France); Elugino Vega, Puerto Rico; Colleen M. Shannon, Oregon; Joann K. Mrowca, Illinois; Beth Cärlus, Illinois; and Juan Tomei, Puerto Rico. (Official White House Photo, 21 July 1987)

● **Communications Training.** Communications schools are conducted annually in the Northeast Region of CAP at Westover AFB, Massachusetts. Additionally, in 1987, a communications school was conducted by the Great Lakes Region at Grissom AFB, Indiana; by the Southwest Region at Randolph AFB, Texas; and also the Middle East Region held a school at Seymour Johnson AFB, North Carolina. These schools are open to both senior and cadet members and provide training in communications procedures and techniques that qualify attendees for "Communications Officer" responsibilities in their CAP units of assignment.

● **Commander's Course.** The 1987 class of the annual orientation course for new wing and region commanders was conducted at National Headquarters, CAP, Maxwell AFB, Alabama, in March 1987. This course, which was extended from three days to four days in 1987, was designed and conducted by CAP-USAF personnel as an in-house program to present current issues/programs and address specific needs of new commanders. Fourteen newly appointed wing commanders attended this course.

● **Flight Clinics.** Civil Air Patrol promotes flight safety by defraying part of the expense for CAP pilots who attend a flight clinic sponsored by the CAP. Other organizations such as the Federal Aviation Administration, Aircraft Owners and Pilots Association, or other flight safety organizations, assist CAP where feasible. The clinics include ground instruction in essential subjects such as flying safety, FAA regulations,



CAP-MAP Awards. The Civil Air Patrol Management Analysis Program (CAP-MAP) recognizes the top performing wing in each region as one of the "Top 8 of the 80s". The top three performing wings received additional recognition. In the front row, from left; Oklahoma Commander Fred Latchaw, Missouri Commander Joseph McMillan and, Virginia Commander Herman Maddox hold their Top 8 of the 80s plaque indicating where their wing finished in the top three rating. In the back row, from left; Tennessee Commander Charles Barksdale, Massachusetts Commander Donald Prouty, Montana Commander Lance Edwards, Hawaii Deputy Commander Jack Wiedner, and Kentucky Commander William Hughes hold their wing's Top 8 of the 80s plaques. Oklahoma finished as number one in the nation, Missouri earned the number two in the nation position, and Virginia was recognized as the number three wing in the nation. The awards were presented during the CAP National Board Meeting in Salt Lake City. (Photo by George Wendt)



Aviation Training. Capt Alejandro Murati instructs cadets on the instrument panel of a Cessna 172 aircraft during the winter Type B Puerto Rico Wing encampment held at Roosevelt Roads Naval Air Station. In addition to the aviation orientation training, cadets studied military customs and courtesies, CAP history and organization, and leadership. They also participated in the Moral Leadership Program and were provided tours of the naval base facilities. (Photo by Pedro F. Giusti-Piazza)

emergency procedures, flight planning, and aviation weather. Civil Air Patrol pilots also participate in the FAA Pilot Proficiency Program in which they demonstrate safe aircraft piloting skills to an FAA-certified flight instructor or a qualified CAP check pilot. Participation in these programs is a significant factor in the annual CAP unit effectiveness evaluation.

● **Mission Training Exercises.** CAP wings conduct emergency services training and upgrading programs to improve both the skills of individual members and the effectiveness of the organization as a team. Each year, each wing conducts up to five practice disaster relief exercises and search and rescue exercises and two test exercises, which are monitored by U.S. Air Force evaluators. The test exercises are used to determine the effectiveness of wing training programs and wing capability to respond and satisfactorily execute any mission it may be called upon to perform.

● **Extension Course Institute. (ECI).** ECI is the correspondence school of the Air Force and is open to CAP members without charge. Civil Air Patrol 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. Six thousand eight hundred and seventy CAP members enrolled in ECI courses from October 1986 to October 1987 with 3,611 members completing their courses.

CAP CHAPLAINCY

The CAP chaplaincy, with over 1,000 men and women from over 125 religious denominations, offers a unique opportunity for clergy to perform their ministry in an ecumenical setting in the largest volunteer chaplain service in the world. Volunteer civilian clergy provide pastoral care, playing a significant role in the religious life and moral and spiritual values of Civil Air Patrol's cadet and senior members. Through a ministry of presence, CAP chaplains impart an influence for good and an opportunity for members to share with them their joys, frustrations, and aspirations in the service of others.

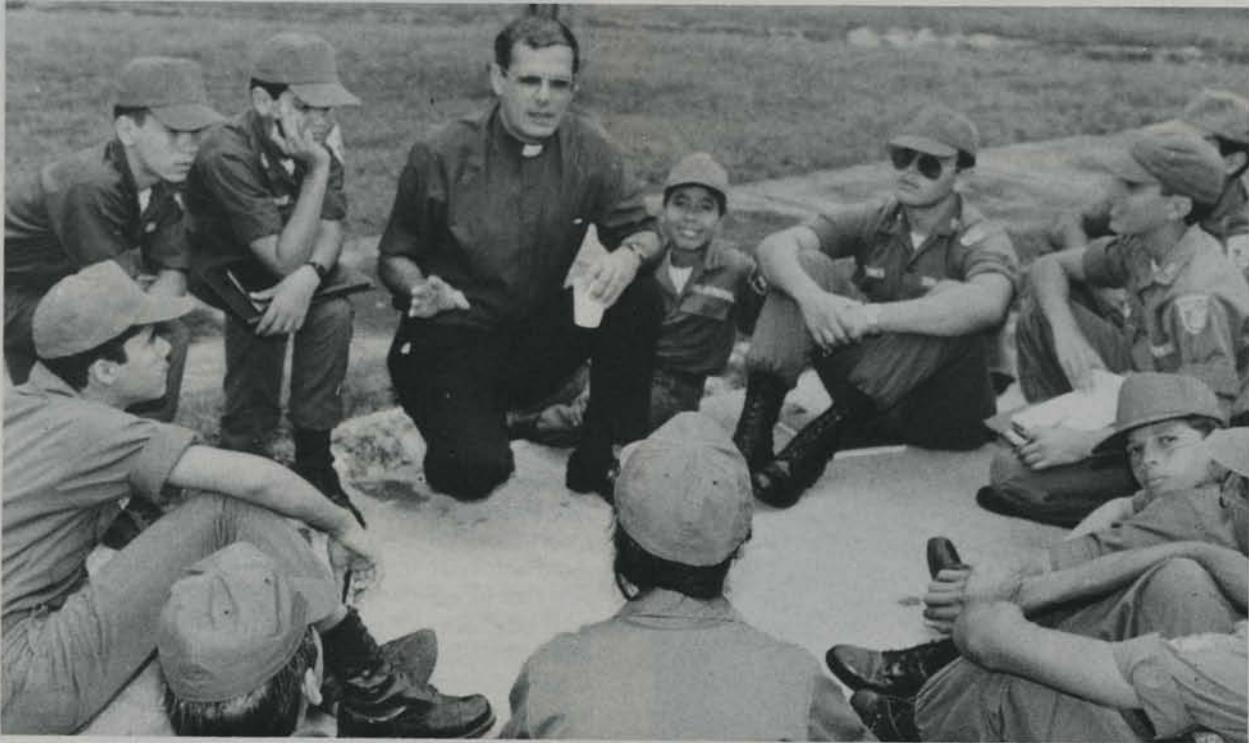
Each chaplain is screened for professional competence and must receive ecclesiastical endorsement from his or her denomination. In addition, each is required to be ordained, have a 4-year college degree, and three years of seminary or its equivalent in professional experience. The CAP chaplain force is augmented by some 250 visiting clergy who are not members but who generously assist with the cadet moral leadership training programs in squadrons lacking a duly appointed chaplain.

In addition to performing the essential role of chaplain/personal counselor to each CAP member and the professional religious functions such as services on encampments and at memorial and patriotic observances, the chaplain also provides a ministry of presence for both victims and members who take part in

emergency or disaster relief operations. One of the most crucial areas of chaplain ministry is the moral leadership program for cadets. In these discussions, cadets are confronted with the basic principles of freedom and encouraged to develop deep sensitivity and strong commitment to moral, spiritual, and patriotic values on which the integrity of our freedom in America is based and continues to thrive.

Each year a new series of booklets is developed containing topics relevant to the problems of today's youth and subjects considered essential in developing a basic system of values for daily living. During these moral discussions, the cadets interact and become involved in raising moral issues, looking at inconsistencies, and avoiding forced conclusions. In the supportive environment provided by a skillful chaplain, the cadets learn who they are, their beliefs and values, and what influence they wish to bring to the world in which they live.

The CAP chaplain, by offering supportive encouragement and professional expertise, assists the cadets to emerge from these moral leadership discussions better prepared mentally and morally to face the challenges of today and the world of tomorrow. His goal always is to offer an environment in which all CAP members are encouraged, inspired, and assisted in their personal and collective moral and spiritual growth.



Moral Leadership. CAP Chaplain Refael Rodriguez conducts an informal moral leadership seminar during a Puerto Rico cadet encampment conducted at Roosevelt Roads Naval Air Station for 190 cadets and senior members. (Photo by Pedro F. Giusti-Piassa)

SUPPORT FOR CIVIL AIR PATROL

Congressional Support

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

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

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

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

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

c. Authorized reimbursement for POL used on Air Force-assigned missions including unit capability testing missions and training exercises.

d. Authorized establishment of liaison offices 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.

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

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

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

c. Using appropriated funds for cadet uniforms.

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



Spaatz Cadet. Cadet David L. Dirkson, of the South Dakota Wing Rushmore Composite Squadron was presented the General Carl A. Spaatz Award by U.S. Senator Thomas A. Daschle during an open house at Ellsworth AFB, South Dakota.



Top Award. Cadet John Grutzmacher of the Illinois Wing Glenview Naval Air Station Composite Squadron was presented the CAP General Carl A. Spaatz Award by U.S. Representative Henry J. Hyde of Illinois.

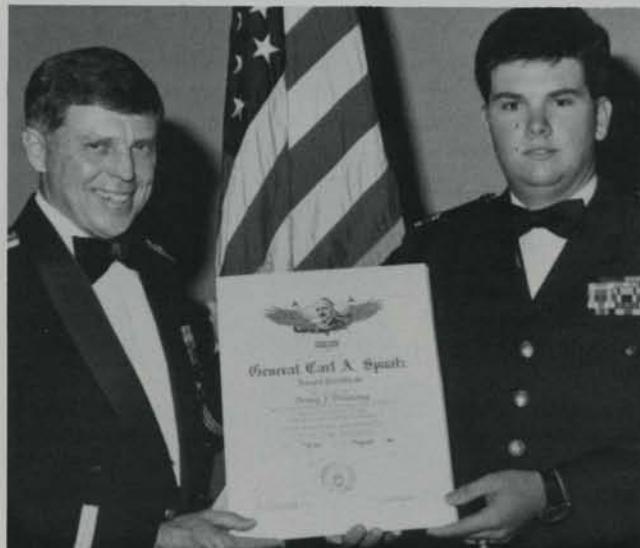
Air Force Support

The basic Air Force support of Civil Air Patrol, authorized by the original CAP Supply Bill in 1948, continues to be of major importance to the organization. A primary element of that support was the establishment and manning of Air Force liaison offices at national, regional, and state levels of Civil Air Patrol. The interface of the Air Force liaison structure and Civil Air Patrol begins at the national level between Headquarters CAP-USAF and National Headquarters Civil Air Patrol. The bridge between the Air Force and Civil Air Patrol exists through the CAP-USAF Commander who performs duties in a dual status. He commands all 263 Air Force employees assigned to Headquarters CAP-USAF and the 8 region and 52 wing liaison offices who are charged with supporting the Civil Air Patrol. As a private citizen, he acts as the Executive Director of the Civil Air Patrol Corporation and is chartered under the CAP Constitution and Bylaws responsibility to manage the day-to-day activities of the corporation.

In each of the 8 USAF-CAP liaison regions, which correspond to the 8 CAP regions that geographically divide the 50 states, Puerto Rico, and the District of Columbia, an Air Force Colonel commands a small Air Force staff in the region office and an officer and non-commissioned officer in each of the USAF-CAP wing liaison offices under his jurisdiction. Within the Air Force command structure, Headquarters CAP-USAF is assigned to Air University, commanded by Lieutenant General Truman Spangrud, USAF.

The full-time CAP-USAF staff is supported by Air Force Reserve personnel functioning through the CAP Reserve Assistance Program. Reservists provide advice and assistance in the conduct of CAP programs during inactive duty training and on a limited number of temporary active-duty tours. In fiscal year 1987, the 338 reservists assigned to the program served 4,747 mandays in support of CAP and spent 26,500 hours of nonpaid, or points only, time providing advice and assistance.

Under the authorization of the 1984 congressional amendment to the CAP Supply Bill, the fiscal year 1987 Appropriation Bill provided \$5 million in Air Force funds for the purchase of equipment for Civil Air Patrol. This brought the cumulative allocation under that authorization to approximately \$11 million during the past three fiscal years. Fiscal year 1987 funds were spent to purchase used, late-model, single-engine aircraft and to partially rehabilitate aircraft currently in the CAP-owned fleet. The funds were also used to purchase new vehicles through GSA and provide rehabilitation funds for other vehicles currently in the CAP-owned inventory. A computer and copier were also bought for each of the 60 CAP region and wing headquarters as well as uniforms for 8,700 cadets. Remaining Air Force funds bought equipment to upgrade the CAP National Communications Network and the CAP printing plant.

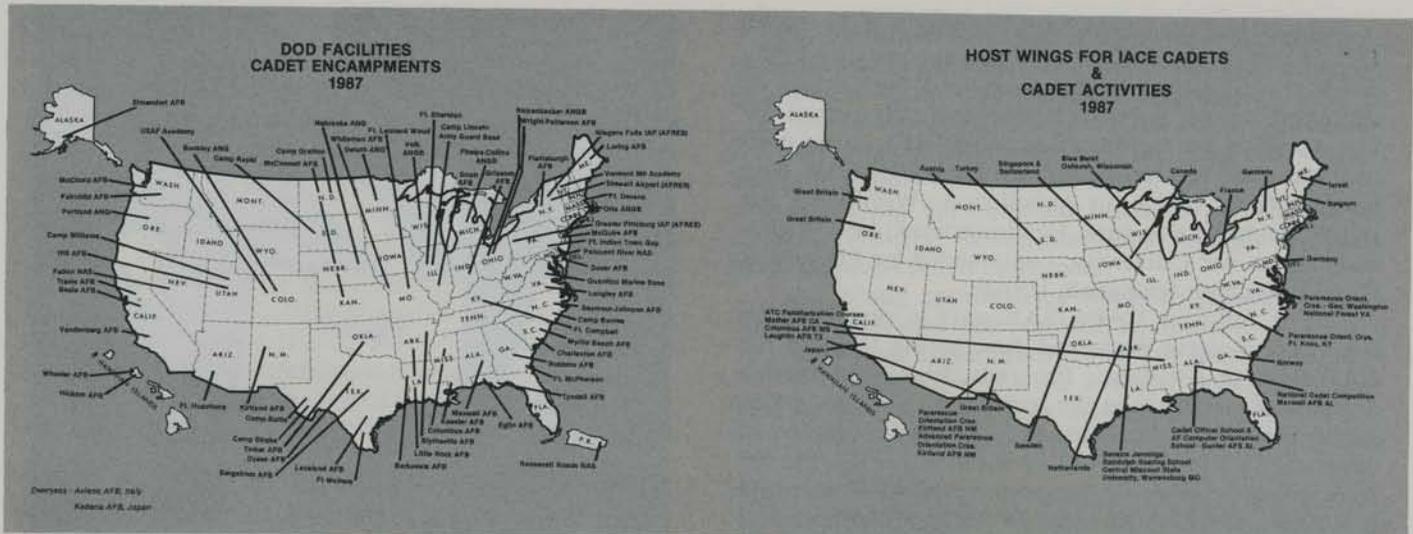


Texas Award. Cadet Tracy Downing of the Texas Wing Thunderbolt Composite Squadron was presented his General Carl A. Spaatz Award by 12th Air Force Commander Lt Gen Charles Cunningham during a Texas Wing Conference in Odessa.

Congress also authorized and directed an additional \$7 million of Air Force monies be used under the Anti-drug Abuse Act of 1986 for the acquisition of major items of equipment needed by the Civil Air Patrol for drug interdiction surveillance and reporting in support of the U.S. Customs Service. These funds were used to purchase aircraft, aircrew survival equipment, and communications equipment for the Civil Air Patrol Customs mission. The chart below provides a breakout of expenditures from funds authorized under the CAP Supply Bill and the Anti-drug Abuse Act for both fiscal year 1987 and for the past three fiscal years:

CONGRESSIONALLY APPROPRIATED AIR FORCE FUNDS USED FOR CIVIL AIR PATROL EQUIPMENT		
	FY 87	3 - Y E A R TOTAL (85 - 87)
Number of Aircraft Purchased	119	215
Number of Vehicles Purchased	80	140
Sets of Cadet Uniforms Purchased	8,700	14,800
Number of Computers Purchased	60	60
Number of Copiers Purchased	60	60
Amount Spent for Communications Equipment	\$ 206,000	\$ 344,000
Amount Spent for Aircraft Rehabilitation	\$ 388,000	\$ 1,234,000
Amount Spent for Printing Equipment	\$ 299,000	\$ 299,000
Amount Spent for Vehicle Rehabilitation	\$ 129,000	\$ 129,000
Amount Spent for Aircraft Encoders	\$ 90,000	\$ 90,000
Amount Spent for Drug Mission Support Equipment ...	\$ 480,000	\$ 480,000
TOTAL AF FUNDS SPENT OR OBLIGATED	\$ 12,010,000	\$ 18,105,000

SUPPORT FOR CIVIL AIR PATROL



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 575 CAP corporate-owned aircraft, consisting of 43 different makes and models. Parts for the DOD excess aircraft are usually unavailable to CAP members for use on privately-owned aircraft, but the depot does sell vendor acquired spares to individual CAP members for use on their own aircraft.

DOD EXCESS PROPERTY

Civil Air Patrol is authorized by Public Law 557 to acquire equipment and supplies that are excess to the needs of DOD. Property acquired during 1987 included vehicles, communications equipment, office equipment, and other property with an original cost to DOD of \$3,241,593.

STATE SUPPORT

Forty-three states and the commonwealth of Puerto Rico appropriated funds to provide material and financial assistance in the operation of their respective Civil Air Patrol wings during fiscal year 1988 in the amounts shown below. These figures represent the value of the funds and property appropriated, but do not necessarily reflect the amount ultimately received by the respective CAP wings. A total of \$3,083,473 was appropriated. This needed support is greatly appreciated and will be used by Civil Air Patrol to continue and expand its public service missions.

WING	AMOUNT	WING	AMOUNT	WING	AMOUNT	WING	AMOUNT
Alabama	\$ 40,000	Illinois	\$157,400	Nevada	\$ 45,000	Rhode Island	\$ 50,000
Alaska	252,000	Kentucky	15,000	New Hampshire	88,596	South Carolina	82,982
Arizona	82,596	Louisiana	56,400	New Mexico	89,200	South Dakota	53,294
Arkansas	58,320	Maine	5,000	New York	50,000	Tennessee	65,050
California	112,000	Maryland	30,000	North Carolina	89,482	Texas	14,400
Colorado	91,820	Massachusetts	125,000	North Dakota	53,294	Utah	50,000
Connecticut	50,000	Michigan	25,000	Ohio	2,000	Vermont	7,000
Delaware	8,000	Minnesota	65,000	Oklahoma	20,129	Virginia	83,480
Florida	47,755	Mississippi	20,000	Oregon	10,000	West Virginia	85,000
Georgia	42,000	Missouri	7,310	Pennsylvania	375,000	Wisconsin	19,000
Hawaii	429,000	Nebraska	14,550	Puerto Rico	35,000	Wyoming	6,000

TEN YEARS IN REVIEW

Year	No. Wings	Amount	Year	No. Wings	Amount
1978	35	\$1,652,198	1983	39	\$2,461,246
1979	38	1,823,572	1984	44	2,768,215
1980	39	2,200,623	1985	44	2,793,155
1981	42	2,537,027	1986	44	2,871,788
1982	42	2,622,223	1987	44	3,083,473

ASSOCIATION WITH OTHER ORGANIZATIONS

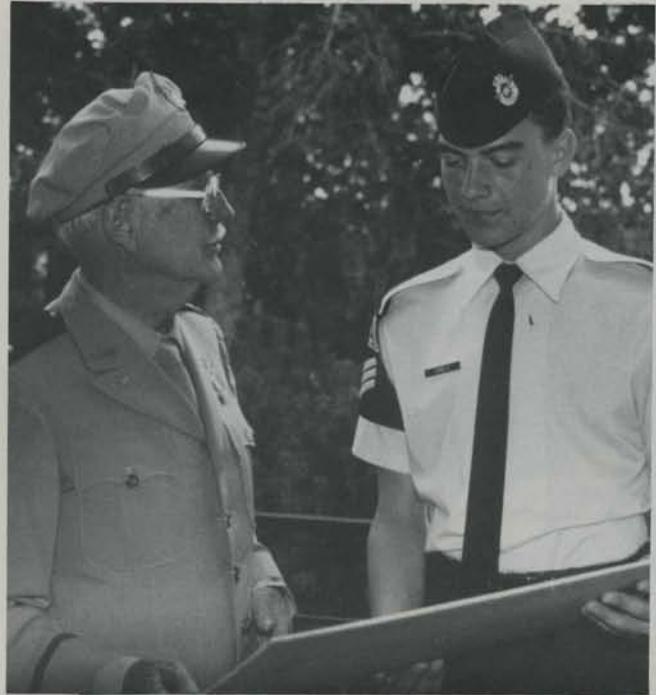
The success of most volunteer organizations is achieved through dedication of members who contribute their time, talents, and resources in support of worthwhile causes. Various organizations also work together in support of common objectives. Civil Air Patrol is associated with other local, national,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

Air Force Association (AFA). The Air Force Association is a long-standing supporter of Civil Air Patrol in all three of its basic missions at the national and local levels. The AFA actively participates in the National Congress on Aviation and Space Education and presented the AFA's Civil Air Patrol Senior Member of the Year Award to CAP Lt Col Ruth J. Edwards of the CAP Montana Wing during the CAP National Board Meeting. The organization also presented a special award to CAP Cadet of the Year Kevin Reinstein at the annual AFA Conference.

U.S. Customs Service. On 14 November 1985, Civil Air Patrol, the U.S. Air Force, and U.S. Customs Service entered into an agreement whereby CAP would assist the U.S. Customs Service by performing air surveillance reconnaissance flights along the boundaries of the United States in support of the government's drug interdiction effort. Civil Air Patrol support is limited to data-gathering flights and supporting communications and does not involve CAP members in law enforcement. The program began along the Florida coast, with CAP being on call to check on suspicious vessels, and is now expanded along the coastal boundaries of the continental United States.



VFW Gift. Lt Col Lelia Brigham of the North Carolina Vance County Senior Squadron accepted a \$1,000 contribution from Michael Aysene (center) and Robert Aysene of the Veterans of Foreign Wars Hill Cooper Post 2417. The gift from the VFW Post will be used to purchase communications equipment for the CAP unit.



Canadian Visitor. CAP Lt Col William C. Madsen discusses an episode in CAP history with Royal Canadian Air Cadet David Erdelyi of Ontario, Canada during the 1987 Rocky Mountain Region Staff College and Cadet Leadership School. Cadet Erdelyi attended the CLS as a student. Lt Col Madsen, a civilian specialist with USAF Academy Public Affairs Office and early CAP member, wore his World War Two era CAP captain's uniform for his presentation on CAP's wartime missions. (Photo by Thomas S. O'Melia, Jr.)

National Aeronautics and Space Administration (NASA). NASA, along with CAP and FAA, cosponsor the annual National Congress on Aviation and Space Education. In 1987, the 20th annual Congress was held in Orlando, Florida, on 26-28 March. NASA also supports CAP's aerospace education and cadet program efforts in many other ways.

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 basic mission of Civil Air Patrol and, to help ensure that the maximum potential of both organizations to assist persons in distress is realized, a statement of cooperation between the Salvation Army and CAP was originally adopted in 1973 and updated in 1987.

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 1948 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.



Report to Congress. U.S. Representative Rod Chandler of Washington's Eighth District was presented a copy of the 1987 Civil Air Patrol Annual Report to Congress by two California Wing cadets who were members of the 16-member Pacific Region team that won top honors in the 1986 National Cadet Competition. They and other members of the team were in Washington in April to help deliver the report to each member of Congress. Congressman Chandler is a member of CAP and a qualified mission pilot.



Capital Presentation. Cadet Amy B. Maloy of Pennsylvania's Composite Squadron 603 was presented the CAP General Carl A. Spaatz Award by U.S. Representative Austin J. Murphy of Pennsylvania during her visit to the Nations Capital.

United States Coast Guard Auxiliary (USCGA). The USCGA is a national, voluntary, nonprofit organization dedicated to promoting safe boating and assisting the United States Coast Guard. Under an August 1985 agreement between CAP and the USCGA, the two organizations assist and train with each other on search and rescue and disaster relief exercises and cooperate in actual search and rescue missions in accordance with the National Search and Rescue Plan and Coast Guard and Civil Air Patrol regulations.

Volunteers of America (VOA). CAP and the VOA continued to operate under a 1980 mutual support agreement that ensures close cooperation in their common mission of emergency service. The agreement outlines principles of cooperation to provide maximum assistance to victims and workers in disaster and emergency situations and to ensure that the maximum capability of both organizations is fully utilized.



ATC Course. SSgt William Barrett (right), Crew Chief for the T-38 aircraft, explains cockpit functions to Mississippi Wing Cadet Muriel Fellenbaum and North Carolina Wing Cadet Gary Pennington during the Air Training Command Familiarization Course at Columbus AFB, Mississippi. Sergeant Barrett is a member of the 14th Flying Training Wing Organizational Maintenance Squadron. (Photo by George Wendt)

Order of Daedalians. This multiservice fraternal organization of military pilots supports CAP through financial contributions for local squadron activities as well as solo and private pilot scholarships on both the local and national levels. National recipients of \$1,500 scholarships in 1987 were Robbie McCarter of the Missouri Wing; Michael Moeding of the Arizona Wing, and Ann Zrinsky of the Wisconsin Wing. The scholarships are used for ground and flight training toward a FAA pilot certificate.

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

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 federal, state, and local volunteer search and rescue groups. Col James Bigelow of the CAP California Wing represents Civil Air Patrol on the NASAR Board of Directors.

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



Houston Parade. A contingent of 70 cadets from the Texas Wing Jersey Village High School Composite Squadron participated in the "Fiesta Patrias" Parade in downtown Houston. The Houston-based squadron was the Squadron of Distinction in 1986 and a Squadron of Merit in 1987. (Photo by Neil Hines)



IACE Activity Swiss host Hans Schlatter adjusts CAP Cadet Javier Santiago's parachute in preparation for a glider flight during Santiago's International Air Cadet Exchange visit to Switzerland. (Photo by Alva Appel)

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

Boy Scouts of America. Civil Air Patrol and the National Aviation Exploring Committee of the Boy Scouts of America have cooperated since 1982 under an agreement to encourage Exploring, with CAP as the chartered partner. This association has expanded the resources of both organizations and provided an improved program for youth.

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.

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

American National Red Cross (ANRC). Civil Air Patrol continued its support of the American Red Cross by transporting human blood in emergency situations and cooperating in disaster relief operations. Also in accordance with the March 1985 agreement between the two organizations, CAP supported the ARC in its program for obtaining human tissues for transplantation by providing transportation for Red Cross personnel for collection of donor tissues and transport of tissues to central distribution centers.

RECOGNITION OF EXCELLENCE

UNIT RECOGNITION

Squadron of Distinction. The Grand Rapids Composite Squadron of the Michigan Wing was selected as the Civil Air Patrol Squadron of Distinction based on the unit's overall accomplishments in conducting the Civil Air Patrol Cadet Program. The unit's commander, Capt Jesse D. Riehle, CAP, received the F. Ward Reilly Leadership Award in recognition of his outstanding performance.

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

- (1) Jersey Village High School Composite Squadron, Texas Wing
- (2) Crusader Composite Squadron, Texas Wing
- (3) Manhattan Cadet Squadron 2, New York Wing
- (4) Cleveland County Composite Squadron, Oklahoma Wing

CAP-MAP Top 8 of The 80's. The top performing wing in each of the 8 Civil Air Patrol regions was selected for recognition under the "Top 8 of the 80's" award program of Civil Air Patrol-Management Analysis Program (CAP-MAP). In addition, the three top scoring wings in the competition received special recognition. The Oklahoma Wing was designated as "Number One in The Nation," the Missouri Wing was selected as "Number Two in The Nation," and the Virginia Wing was named "Number Three in The Nation."

- | | |
|---------------------------------|----------------------------------|
| Oklahoma - Southwest Region | Hawaii - Pacific Region |
| Missouri - North Central Region | Massachusetts - Northeast Region |
| Virginia - Middle East Region | Kentucky - Great Lakes Region |
| Tennessee - Southeast Region | Montana - Rocky Mountain Region |

AU Commander's Safety Award - Southwest Region

Paul W. Turner Safety Award - Tennessee Wing

INDIVIDUAL RECOGNITION

Cadet of the Year. Kevin J. Reinstein, National Capital Wing
Senior Member of the Year. Lt Col Ruth J. Edwards, Montana Wing
Wing Commander of the Year. Col Fred C. Latchaw, Oklahoma Wing
F. Ward Reilly Leadership Award. Capt Jesse D. Riehle, Michigan Wing
Historian of the Year. Lt Col Elizabeth J. Sedita, Florida Wing
Safety Officer of the Year. Maj Mark R. Price, Nebraska Wing
Chaplain of the Year. Ch, Lt Col, Charles L. Wood, Great Lakes Region
Thomas C. Casaday Unit Chaplain of the Year. Ch, Maj, David R. Van Horn, Missouri Wing
Communicator of the Year. Maj Leonard J. Bromstead, Illinois Wing
Public Affairs Officer of the Year. Lt Col Henry L. Covington, III, California Wing



Chaplain Recognized. Chaplain, Lt Col, Charles L. Wood was recognized as the Civil Air Patrol Chaplain of the Year by CAP National Commander Brig Gen E. E. Harwell during the chaplains' seminar at the CAP National Board Meeting. Chaplain Wood is assigned to the CAP Great Lakes Region Headquarters. (Photo by George Wendt)



Academy Ceremony. U.S. Air Force Academy freshman Michael G. Marsh was presented the CAP General Carl A. Spaatz Award by Commandant of Cadets Air Force Brig Gen Sam W. Westbrook during a special ceremony at the U.S. Air Force Academy, Colorado. Upon graduating from the Academy with a bachelor's of science degree and commissioning, Cadet Marsh wants to earn the wings of an Air Force pilot. (Photo by Bill Madsen)

FRANK G. BREWER CAP MEMORIAL AEROSPACE AWARDS

Cadet Category. Cadet Kenneth M. Gunter, Montana Wing
Senior Category. Lt Col Rose M. Latiolais, Louisiana Wing
Individual Category. Dr. Eleanor P. Wynne, M.D., Pacific Region
Organization Category. Eastern Randolph H.S. Ramseur, North Carolina

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

- Alabama**
 Michael S. Clayton, (No. 826), Bessemer Composite Squadron
- Alaska**
 Brian L. Fulkerson, (No. 845), Fairbanks Cadet Sq
- Arizona**
 Jeffrey T. Starr, (No. 864), Peer Valley Composite Sq



Virginia Award. Cadet Chris Hemmer of Virginia's Prince William Composite Squadron was presented the Civil Air Patrol Carl A. Spaatz Award by Virginia Wing Commander Col Herman H. Maddox (left) and retired Air Force General Russell Dougherty, former Commander of the Strategic Air Command. (Photo by Larry Webb)

California

Robert S. Klimowicz, (No. 865), Corona Cadet Sq 29
Phillip Kwong, (No. 863), San Francisco Sq 86

Delaware

John D. Lewis III, (No. 853), Brandywine Cadet Sq

Florida

Eric A. Espino, (No. 831), Miami Springs Optimist Cadet Sq
Kevin R. Gendron, (No. 855), Timiami Composite Sq
Darrin W. Wargacki, (No. 830) Coralsprings Cadet Sq

Illinois

John L. Grutzmacher, (No. 838), Glenview NAS Composite Sq
Dave T. Mortell, (No. 832), Fox Valley Composite Sq

Indiana

Patrick K. McLaughlin, (No. 850), Lafayette Composite Sq
Mathew M. Roush, (852), Grissom Cadet Sq

Kentucky

Daniel E. Davis, (No. 828), Centenary Composite Sq
Thad A. Davis, (No. 829), Centenary Composite Sq

Maryland

Curt A. Klun, (No. 861), Bethesda Chevy Chase
Todd A. Shelton, (No. 858), Glenn L. Martin Composite Sq

Massachusetts

Michael E. Platteel, (No. 844), Quincy Composite Sq

Minnesota

Ronald W. Scherer, (No. 869), North Star Cadet Sq

Montana

Richard A. Bates, (No. 840), Park Co. Composite Sq
Kenneth M. Gunter, (No. 833), Gallatin Composite Sq
Steven B. Latham, (No. 841), Malmstrom AFB Cadet Sq

Nebraska

Elizabeth A. Sliwinski, (No. 836), Offutt Composite Sq
Jay A. Sliwinski, (No. 851), Offutt Composite Sq

Nevada

Brian E. Luce, (No. 847), White Pine Composite Sq
Joelyn E. Taylor, (No. 848), White Pine Composite Sq

New Jersey

Robert R. Belmont, (No. 866), Raritan Valley Composite Squadron
Stephen C. Gara, (No. 859), Lone Eagle Composite Sq

New Mexico

Leslie F. Himebrook, (No. 857), Alamogordo Composite Sq

New York

Adam Corrado, (No. 837), Nassau Sq One
James B. Ellsworth, (No. 860), Canastota Composite Sq

North Carolina

Jamie S. Burcham, (No. 843), Winston-Salem Composite Sq
Scott A. Hunter, (No. 843), Winston-Salem Composite Sq



Encampment Drill. Cadet Zulmita Reyes marches cadet flight to training session during the Florida Wing encampment conducted at Tyndall AFB, Florida, for 140 cadets. The week-long Type A encampment fulfilled a basic element of the CAP Cadet Program.

Ohio

Patrick W. Husted, (No. 856), Dover-Bay Cadet Sq
Kenneth W. Strayer, (No. 854), GRP VII Ohio Wg

Oklahoma

John E. Pearson, (No. 862), Tulsa Composite Squadron

South Carolina

Shawn B. Copeland, (No. 849), Greenville Composite Sq

South Dakota

David L. Dirksen, (No. 839), Rushmore Composite Sq

Tennessee

David S. Lyons, (No. 867), McGhee Tyson Cadet Sq

Texas

Richard B. Kern, (No. 868), Jersey Village HS Composite Sq

Virginia

Christopher J. Hemmer, (No. 842), Prince William Composite Sq
Michael A. Wormely, (No. 827), Langely Composite Sq

Wisconsin

Eric Czerwinski, (No. 835), Milwaukee Emer Ser Sq
William J. Potterton, (No. 846), Mitchell Composite Sq #9



Honor Guard. During her visit to Decatur, Illinois, Miss USA Michele Royer was escorted by the Decatur Cadet Squadron Honor Guard. (Photo by Donald Merideth)



Cadet Inspection. The South Dakota Wing team is inspected by U.S. Marine Corps Sgt Carlos Betancourt who served as one of the judges during the North Central Region Cadet Competition held in Souix Falls, South Dakota. The South Dakota team won the competition and the right to participate in the National Cadet Competition at Maxwell AFB, Alabama, in late December.

RECOGNITION OF EXCELLENCE



Virginia Award. Cadet James Wormley of Virginia's Langley Composite Squadron was presented the CAP General Carl A. Spaatz Award by Air Force Brig Gen Henry Vicellio, Jr., Tactical Air Command's DCS/Logistics. The Spaatz Award recognizes the highest level of achievement in the CAP cadet program. (Photo by William Chick)

Scholarship Winners. Civil Air Patrol scholarships, valued at \$46,250 for academic year 1987-1988 were awarded to 59 of CAP's outstanding members who are attending colleges and universities across the country. In addition to Cadet Kevin Reinstein, who received \$1,500 as Cadet of the Year, recipients of the \$1,000 and \$750 scholarships were:

ALABAMA

Richard L. Caudle

CALIFORNIA

William Geesey
Leon F. Kempner*
Sushil S. Ramrakha

CONNECTICUT

Roland L. Vegiard*

FLORIDA

Eugene Becker

ILLINOIS

Marzena L. Burkot
Sylvia Grupe
Michael D. Hoskins
Rita Mrowca
Tania E. Rocco
Dean Smith

INDIANA

Robert M. Pilkin, Jr.
Michelle Presswood

IOWA

Julie R. Plummer

KENTUCKY

Daniel E. Davis

MAINE

Timothy McCormack

MARYLAND

Terri L. Redman

MICHIGAN

Susan Heintz
Joseph J. Kallil, Jr.*
Kay L. Lincoln

MINNESOTA

Todd Mitchell

MISSISSIPPI

John A. Vozzo, Jr.

MISSOURI

Julie M. Abel*

NEBRASKA

Lorraine G. Davison
James G. Parks
Elizabeth Sliwinski

NEW YORK

Adam Corrado
Michael Gizzi
Paul W. Kan
Mark R. Koenig
Russell E. Powley
Raymond W. Staats**

NORTH CAROLINA

G.P. Michael Freeman
Mark W. Schadt

NORTH DAKOTA

Eric W. Ohnstad

NORTHEAST REGION

Patricia Piorek

OKLAHOMA

Lawrence G. Smith

OREGON

Mark W. Easton*

PENNSYLVANIA

Jerry B. Altzman

PUERTO RICO

Walter Lara

SOUTH DAKOTA

Jason D. Gadd
Darrell L. Hamm

TENNESSEE

David D. Carver
Vincent Franklin
Christopher Price

TEXAS

Michelle Malone
Michael Mendoza
Christopher Rogers

WASHINGTON

Kip M. Boyle
Julie E. Masura
Steven P. Schultz
Kristy Smith

WEST VIRGINIA

Randall Allen

WISCONSIN

Eric Czerwinski
Chris Jaekl
Paul A. Nell
Catherine Schmidt

Gill Robb Wilson Award. The Gill Robb Wilson Award, named for one of the founders of Civil Air Patrol, is the highest award attainable in the Senior Member Training Program. In recognition of completion of CAP advanced leadership requirements, the award was presented to 149 senior members in 1987.

ALABAMA

Donald M. Barnard

ALASKA

Larry F. Grindrod

ARKANSAS

Allie G. Melson

CALIFORNIA

M. Lynn Ahrens
Darryl P. Bramlette
Edward R. Griffith
Donald L. Jackson
Nelson S. Magedman
Virginia M. Nelson
Arthur J. Nichols
Robert E. Pentzke
Pamela J. Scheel
Francis E. Torr
Paul C. Zimmerman

CONNECTICUT

Michael D. Barg
Richard F. Krieg
Barry L. Wollman

FLORIDA

Sandra K. Cloutier
Edmund A. Muskas
Howard L. Treadwell
Laurence B. Upham
Walter M. Winkelmann

GEORGIA

Warren H. Crawford
Andrew E. Dotson
George P. Graves
Donald M. McBride
James W. Reonas

HAWAII

Phillip R. Brieske
John A. Parrish, Jr.

IDAHO

Jim P. Burton
John E. Pickens

ILLINOIS

Ronald W. Dziagwa
Edward C. Handwerk
Carolyn Huntington
Edwin G. Lyons
Thomas J. Nielsen
Thomas J. O'Shea
Thomas C. Saduskas
William E. Strawbridge

INDIANA

Phil G. Brenneman
Gene E. Foster
James N. Mahle
Edward F. Mueller
John B. Murdoch
Michael G. Stees

IOWA

Kurt A. Hahn

KANSAS

Burgess W. Rennesi, Jr.
Gary E. Summerskill
D. Neil Tremayne

KENTUCKY

Thomas L. Schmitt

LOUISIANA

Elizabeth C. Dunn
Judy C. Miller

MAINE

Richard A. MacDonald

MARYLAND

Paul F. Beatley
Harry D. Leadmon
Ann S. Niess

MASSACHUSETTS

Donald B. Ladd, Jr.
Richard O. Stanley
Kevin M. Stuart

MICHIGAN

Donald W. Gray
Juanita D. Marventino
David H. Mintz
Eudora A. Riemers
John A. Spannos
Dale E. Waybrant

MINNESOTA

Leander O. Dahlke
Jim A. Surber

MISSISSIPPI

Milo G. Larson

MISSOURI

Larry W. Kuban

MONTANA

Russell L. Sartain



Top Award. Cadet Leslie Himebrook of New Mexico's Almagordo Composite Squadron was presented the General Carl A. Spaatz Award by U.S. Representative Joe Skeen of New Mexico's Second District. In addition to earning CAP's top cadet award, Cadet Himebrook is also an Eagle Scout and New Mexico's 1987 Cadet of the Year.

* Embry-Riddle \$1,000 recipients

** Mary Faye Craft recipient

NATIONAL CAPITAL

Sundiatta El Avatar
Costello N. Robinson

NEBRASKA

Patrick E. Corbitt
Gary F. Horenkamp

NEVADA

Carroll R. Pirtle

NEW JERSEY

Joseph F. Convery
George Morelli
Neal M. Sturm
Richard N. Sullian

NEW MEXICO

Joseph H. Gold

NEW YORK

Watson D. Hartway
Lloyd L. Liniger
Clayton E. Murphy
J.P. Ollivier
Albert B. Tevels

NORTH CAROLINA

James W. Botsford
Charles W. Dixon, Jr.

NORTH DAKOTA

Paul D. Meyers

OHIO

Leslie S. Bryant
Margret N. Bryant

OKLAHOMA

Mary L. Bakula
Judith L. Bogey
Melvin O. Cassell
Oral G. Sizemore

OREGON

Warren L. Dunning
James L. Schmitt

PENNSYLVANIA

Michael F. Hayes
Willa J. Hayes
G. Warren Peterman
Richard E. Shaffer

PUERTO RICO

Jose G. Mirabal
Jorge R. Ramon
Saulo Solis-Molina

SOUTH CAROLINA

Ian Etheridge
David D. Lardin
Lindel H. Litton
Catherine N. McCall
Trenton R. McCall

SOUTH DAKOTA

Christopher R. Forman

TENNESSEE

Ronald D. Poor

TEXAS

Selma R. Farley
H. Allen Jessup
Hellen E. Jessup
Vicki L. Kelly
Yancy J. McCrea, Jr.
LeRoy C. Reynolds
William P. Yeates

UTAH

John W. Baranica

VERMONT

Thomas A. Battey

VIRGINIA

Nils P. Crough
James B. Dunn
John D. Lowman, Sr.
June H. Maddox
Holly J. Webb
Larry A. Webb
Lee H. Younger

WASHINGTON

Vance J. Bognar
Gary R. Eberhardt
Brenna C. Lehman

WEST VIRGINIA

William M. Nimmo

WISCONSIN

Connie S. King
Steven J. Schmidt
John A. Wichman
Beverly J. Wilson

WYOMING

Alan W. Ackley

ROCKY MOUNTAIN REGION

Douglas L. Oliverson

SOUTHEAST REGION

Elbert C. Mayfield
James E. Monday

GREAT LAKES REGION

David Duncan, Sr.



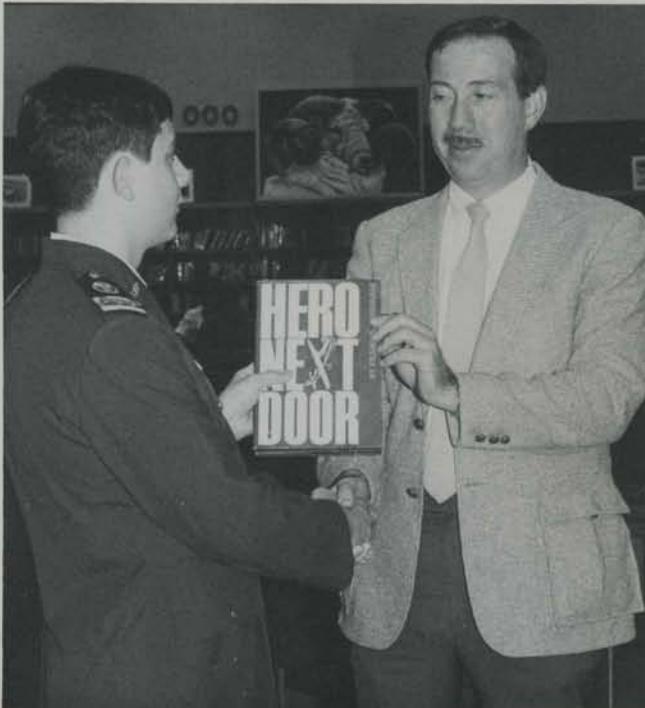
Outstanding Cadet. Cadet Richard Reynolds was presented the Outstanding Airman Award by Florida Wing Commander Richard E. Leighton at the close of the Florida Wing Encampment at Tyndall AFB, Florida. Reynolds, who only recently joined CAP, is also a first lieutenant in the Junior Reserve Officer Training Corps.

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

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

- S. Hallock DuPont, Jr. - 1974
- James C. Carter - 1974
- William M. Patterson - 1976
- Zack T. Mosley - 1976
- Robert H. Herweh - 1979
- Mervin K. Strickler - 1979
- Thomas C. Casaday - 1980
- Louisa S. Morse - 1982
- Gordon T. Weir - 1982
- Johnnie Boyd - 1983
- Lester L. Wolff - 1985
- William D. Madsen - 1985
- Larry D. Miller - 1986
- Obed A. Donaldson - 1987
- John V. Sorenson - 1987

• Deceased



CAP Week. Cadet Michael Alexander of South Carolina's Anderson Composite Squadron presented Henry Adair, principal of Westside High School in Anderson, South Carolina, a copy of "Hero Next Door" during Civil Air Patrol Week in December. The book tells the story of Civil Air Patrol and its volunteer members. (Photo by Marion Carroll)



Israeli Cadet. Maine Wing Cadet John McCormack visits with Israeli Air Cadet Judith Lapid during a barbeque social hosted by the CAP Caribou Composite Squadron. Judith was among 10 Israeli cadets and escorts visiting this country during the 1987 International Air Cadet Exchange. (Photo by Michele Sandelier)

STATISTICAL SUMMARY

Vital Statistics as of 31 December

MEMBERSHIP	1986	1987
Cadet	25,940	30,500
Senior	40,991	42,469
Total Members	66,931	72,969

ORGANIZATIONAL UNITS	1986	1987
Regions	8	8
Wings	52	52
Groups	183	194
Senior Squadrons	313	283
Cadet Squadrons	324	315
Composite Squadrons	904	947
Flights	101	92
Total Units	1,885	1,891

RADIO STATIONS	1986	1987
Fixed Land	4,038	3,847
Ground Mobile	20,170	20,509
Air Mobile	5,710	5,892
Search and Rescue	1,263	1,222
Corporate Aeronautical	550	569
Repeater Stations	278	276
Emergency Locator	224	244
Total Stations	32,233	32,559

AIRCRAFT	1986	1987
Corporate Owned	550	575
Member Owned	8,575	8,365
Total Aircraft	9,125	8,940

EMERGENCY SERVICES	1986	1987
Missions	2,208	2,097
Sorties	6,273	8,544
Hours Flown	12,527	17,787
Finds	1,551	1,518
Saves	136	108

ENCAMPMENTS	1986	1987
Active Air Force Bases	37	37
Other DOD Facilities	15	31
Non-DOD Facilities	12	23
Cadets Attending	5,742	6,843
Seniors Participating	1,167	1,232

CADET AWARDS	1986	1987
Mitchell Awards	1,277	1,384
Earhart Awards	412	454
Spaatz Awards	47	44

WING PARTICIPATION IN EMERGENCY SERVICES 1 January 1987 through 31 December 1987

The following data indicates Civil Air Patrol participation in USAF-authorized search and rescue operations, disaster relief, and other emergency services missions. Thousands of additional hours are devoted to state and local support activities that are not reported. During 1987, Civil Air Patrol was credited with 1,518 finds and 108 saves. ("Finds" are search objectives located and "Saves" are lives saved.)

	Missions	Sorties	Hours	Finds	Saves	Missions	Sorties	Hours	Finds	Saves	
Alabama	25	38	63	18	0	Michigan	66	121	243	49	4
Alaska	194	835	1679	123	42	Minnesota	37	58	120	21	0
Arizona	46	195	662	30	0	Mississippi	17	14	35	14	0
Arkansas	17	135	265	9	0	Missouri	35	29	66	29	0
California	225	2332	4424	154	40	Montana	9	118	309	2	2
Colorado	54	525	1005	26	3	National Capital	4	2	5	1	0
Connecticut	24	9	18	17	0	Nebraska	18	55	136	9	2
Delaware	6	30	47	9	0	Nevada	26	185	540	11	0
Florida	180	258	559	173	0	New Hampshire	13	111	209	6	0
Georgia	56	38	70	51	0	New Jersey	42	42	68	38	0
Hawaii	7	9	11	5	0	New Mexico	32	82	189	15	0
Idaho	5	41	86	0	0	New York	68	308	763	40	0
Illinois	44	51	72	25	0	North Carolina	59	108	239	37	0
Indiana	27	34	69	24	0	North Dakota	7	9	19	4	0
Iowa	17	12	21	9	0	Ohio	50	78	127	32	0
Kansas	17	16	45	9	0	Oklahoma	26	25	41	19	0
Kentucky	22	39	78	11	0	Oregon	19	118	260	12	2
Louisiana	67	41	67	50	0	Pennsylvania	48	68	99	27	0
Maine	23	81	173	24	3	Puerto Rico	1	2	5	0	0
Maryland	32	83	165	21	0	Rhode Island	10	12	24	9	0
Massachusetts	39	189	279	27	0	South Carolina	27	40	80	20	0
						South Dakota	11	37	100	7	1
						Tennessee	29	45	79	21	0
						Texas	130	685	1878	105	0
						Utah	26	196	341	14	6
						Vermont	7	116	241	4	1
						Virginia	51	136	248	35	0
						Washington	45	275	455	34	0
						West Virginia	13	51	121	5	2
						Wisconsin	35	392	663	56	0
						Wyoming	9	114	226	27	0
						National Totals	2,097	8,544	17,787	1,518	108



Over 200 cadets came from all parts of the state of Florida to meet the Cadet Special Activities Testing Board at the Naval Training Center in Orlando. The USAF-CAP Wing Liaison Officer Lt Col Richard E. Read addressed the cadets before testing began. The testing procedures were designed to insure that cadets were grouped to compete according to level of achievement. Grading was based on demeanor, military bearing, uniform, grooming, and response to questions. (Photo by Sid Birns)

A combined Region Staff College and Cadet Leadership School was sponsored by the Rocky Mountain Region and hosted by the Air Force Academy on 20-28 June 1987 for senior and cadet members from 28 CAP wings. Cadets and seniors worked as team members in performing different problem-solving tasks during the Leadership Reaction Course. A team is shown solving the problem of transferring an injured team member across a simulated river using available materials and within a specified time limit. (Photo by Bill Madsen)





**CIVIL AIR PATROL NATIONAL HEADQUARTERS
MAXWELL AIR FORCE BASE, ALABAMA**