

CIVIL AIR PATROL NEWS

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Former CAP-U.S. Air Force commander passes away

Retired Air Force
Brig. Gen Richard
Ellis, 84, passes
away June 28 in Fort
Walton Beach, Fla.

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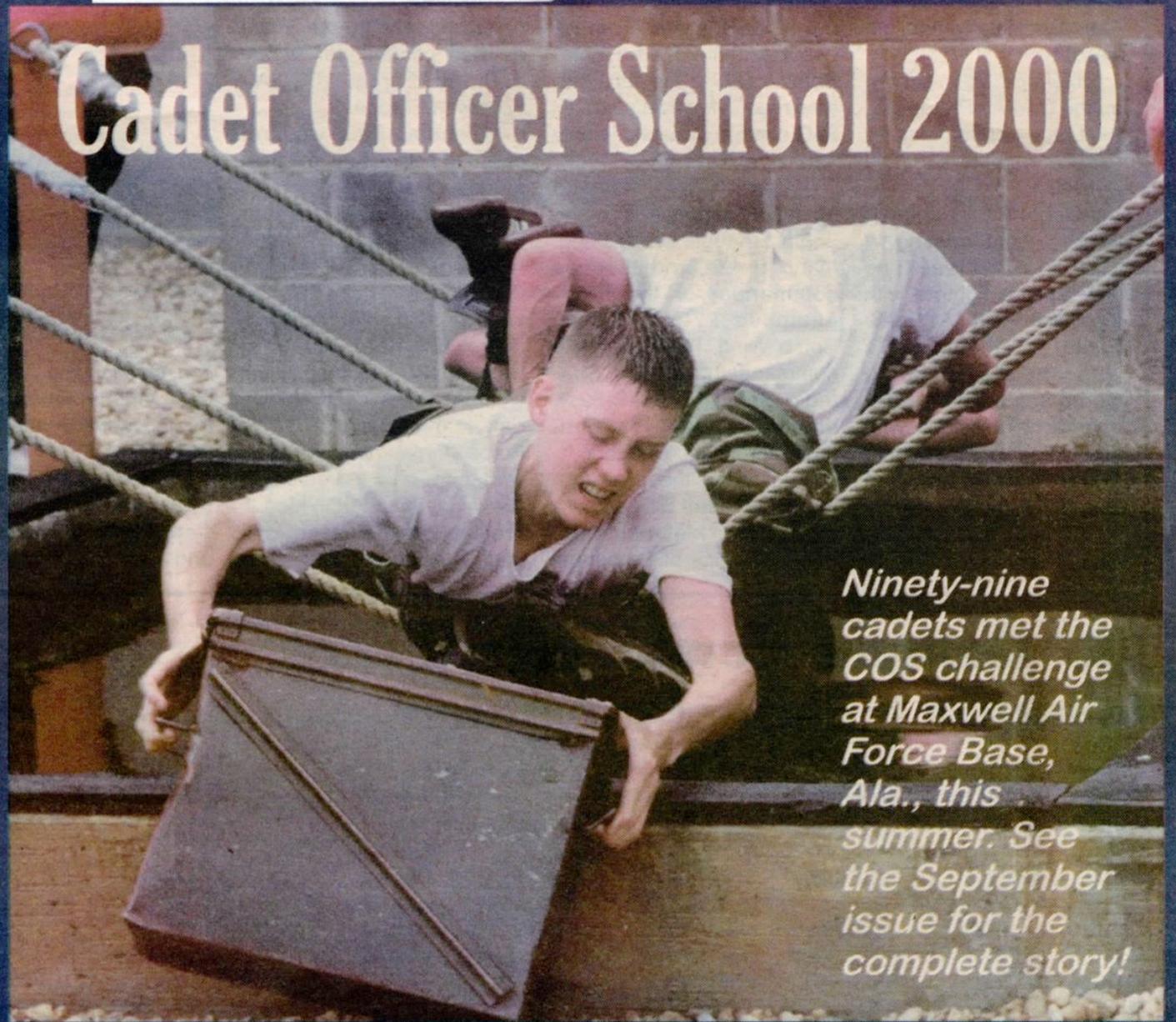
2000 CAP National Staff College slated for Oct. 21-22

College will be held
at the Senior NCO
Academy at Maxwell
AFB-Gunter Annex in
Montgomery, Ala.

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Cadet Officer School 2000



*Ninety-nine
cadets met the
COS challenge
at Maxwell Air
Force Base,
Ala., this
summer. See
the September
issue for the
complete story!*

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Civil Air Patrol's message
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America

Page 2

IN MEMORIAM

Brig. Gen. Richard N. Ellis, USAF (Ret.)

CAP-U.S. Air Force Commander, 1969 -1972

Retired U.S. Air Force Brig. Gen. Richard N. Ellis passed away June 28 at the Fort Walton Beach, Fla., Medical Center. He was 84.

General Ellis served as the Civil Air Patrol-U.S. Air Force commander for three years before retiring in 1972.

General Ellis entered military flight training in 1939. In World War II, he flew Spitfire fighters with the British Royal Air Force Eagle Squadron, B-17s with the 92nd Bomb Group and covert special operations missions with the 492nd Bombardment Group known as "The Carpetbaggers."

General Ellis also flew P-38, P-39 and P-51 fight-

ers in Europe and North Africa.

During the Korean War, General Ellis commanded the 49th Fighter Bomber Group and the 474th Fighter Bomber Group. He set a theater record for flying 101 F-84G combat missions in only 120 days.

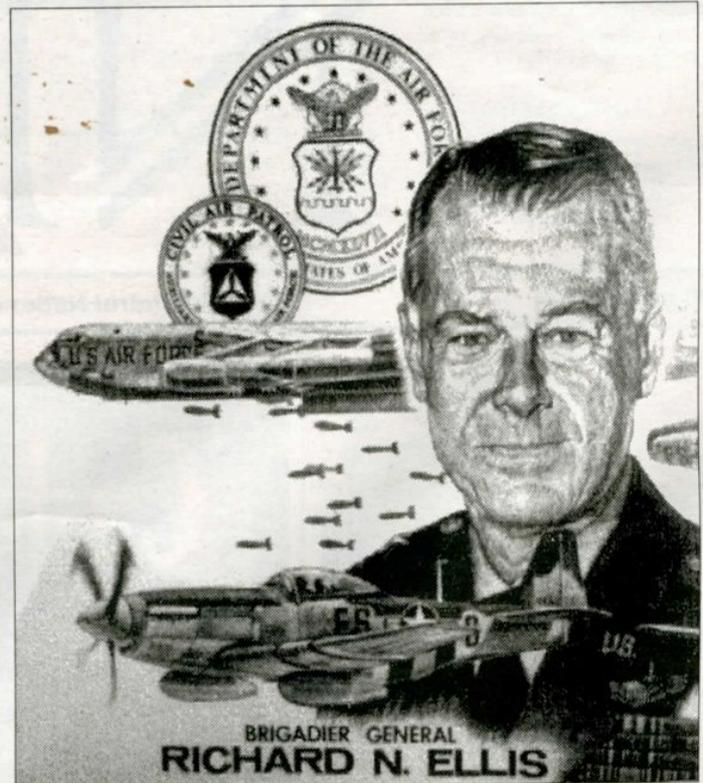
After the war, he served as deputy commander of the 306th Strategic Bomb Wing, flying B-47s and then as commander of the F-84-equipped 27th Strategic Bomb Wing. He went on to command the 4123rd Strategic Bomb Wing (B-52s), and the 21st and 17th Strategic Aerospace Divisions.

Following those assignments, General Ellis spent a year in Air Materiel Command as chief of Personnel

and Support Operations, and then departed for Germany to serve as commander of the 86th Air Division. In 1969, he retired from the Air Force as vice commander of the 17th Air Force, U.S. Air Forces in Europe.

General Ellis was recalled to active duty and then served three years as the CAP national commander before retiring again in 1972.

General Ellis' military decorations include the Silver Star, Legion of Merit with three oak leaf clusters, Bronze Star with one oak leaf cluster, Air Medal with five oak leaf clusters, the Air Force Commendation Medal with one oak leaf cluster, Army Commendation Medal, French Croix de Guerre with star, Presidential Unit Cita-



BRIGADIER GENERAL
RICHARD N. ELLIS

tion, Outstanding Unit Award, and various American and foreign service and theater awards.

General Ellis is survived by his wife, former CAP Capt. Marion Mathilde Ellis, and a son, retired Air Force

Lt. Col. Richard Ellis.

Funeral services were held July 5 at Eglin Air Force Base, Fla. Interment followed at the Barrancas National Cemetery in Pensacola, Fla., with full military honors.

CAP National Headquarters launches billboard campaign

NATIONAL HEADQUARTERS — If you have participated in any Civil Air Patrol on-line forums lately, you may have read about some mysterious sightings — billboard sightings, that is.

"It's no mystery at all," said Mary Nell Crowe, director of Marketing and Public Relations. "The billboards are the result of a lot of hard work by CAP's Marketing and Public Relations staff."

In July, headquarters launched a yearlong national billboard advertising program in support of CAP's "Where Imagination Takes Flight!" public-awareness campaign. In all, 614 billboards will be used.

Marketing and Special Events Coordinator Tim Frantz designed the poster, and Lamar Advertising,

a Shreveport, La.-based outdoor advertising company, donated pro-bono space in 21 markets across the United States.

Billboard site selection was based on CAP's attempt to reach major markets in each region; but was limited to those markets serviced by the Lamar agency.

Vincent Printing of Hixon, Tenn., printed the posters and distributed them in mid-July.

States with CAP billboards will include: Alabama, Arizona, California, Florida, Georgia, Illinois, Iowa, Kansas, Kentucky, Michigan, Missouri, Montana, Nebraska, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Texas, Nevada, Nebraska, New York; Louisiana, Virginia, Washington, West Virginia and Wyoming

CIVIL AIR PATROL NEWS

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mail to capnews@capnhq.gov. If e-mail is not possible, send via the U.S. Postal Service on 3½" disk to: Editor, *Civil Air Patrol News*, 105 South Hansell St., Building 714, Maxwell AFB, AL 36112-6332. Preferred formats for files are Word or ASCII text. As a last resort, submissions can be faxed to (334) 953-4245.

Photo submissions: Photos June be sent electronically or by mail using the above address. If sent electronically, send to e-mail address above as attachments. Preferred formats are TIF and JPG. Be sure to include photo credits and outline information, and an electronic copy of the story they are associated with. If from a digital camera, resolution can be no less than 800x600; if scanned, 203dpi resolution is preferred. If photos are mailed, be sure to send them with outline and photo credit information, and a copy of the story they are associated with.

Submission deadline: Submission deadline is the third Monday of the month preceding the publication month.

Postmaster: Send address changes to: Personnel, CAP National Headquarters, 105 South Hansell St., Bldg. 714, Maxwell AFB, AL 36112-6332.

CAP, Air Force sign new agreement



CAP National Commander Brig. Gen. James C. Bobick and Secretary of the Air Force Whit Peters sign the new CAP/Air Force cooperative agreement as Air Force Chief of Staff Gen. Michael Ryan, and senators Tom Harkin of Iowa and Wayne Allard of Colorado look on. The document, which was signed July 12 in the Dirksen Senate Office Building, Washington, D.C., "heralds a new era" for both organizations, said Bobick. The terms of the agreement outline: program management; financial responsibilities; resolution procedures for claims; reporting of program performances; and certifications and assurances.
(Editor's note: In the July issue of the Civil Air Patrol News, it was mistakenly reported on Page 2 that General Ryan signed the cooperative agreement. The general actually signed an associated witnessing document.

Utah Wing aircrew locates Cessna C-210

Joanne Searcy
Public Affairs Officer
Utah Wing

UTAH — An aircrew from Utah Wing's Uintah Basin Composite Squadron located a single-engine Cessna 210 during a joint Utah/Colorado.

The aircraft went down with two people on board about 10 miles inside the Colorado border during poor weather conditions.

Colorado and Utah aircrews participated in the search.

According to Federal Aviation Administration officials, the plane left Grand Junction, Colo., about 12:30 p.m. bound for Vernal, Utah. It dropped off radar about 12:49 p.m.

At about 3:30 p.m., 1st Lt. Leonard Wojcik, incident commander, began to assemble aircrews to look for the missing plane. He organized crews from Cedar City, Richfield, Price and Vernal, Utah. Maj. Joe Shelton, Uintah Basin Composite Squadron, received a call about 4 p.m. and shortly after he and his crew, Lt. Col. Ray Lemieux and 1st Lt. Jim Steinmetz, were airborne.

As the crew approached their assigned area, they picked up an ELT signal about 10-20 miles out. Using direction-finding equipment, Lemieux determined the signal was slightly left and in front of their present position. As the signal became stronger and the search plane got closer, the crew made contact with a plane from the Colorado Wing. Because the Colorado aircraft had no

See **Utah ...** Page 12

AT A GLANCE

■ Web site form not for publications

NATIONAL HEADQUARTERS — The CAP Form 8 on the CAP Web site is there to provide members with a way to quickly order forms and certificates, and to be able to track the orders. However, publications cannot be ordered by way of this online process.

To order replacement publications as a result of fire, flood or any other type of disaster situation, a paper version of the CAP Form 8 — signed by the wing commander — must be submitted to CAP National Headquarters Mission Support via fax at (334) 953-1186 or via the U.S. Postal Service to: HQ CAP/MSA, 105 South Hansell St., Maxwell AFB, AL 36112-6332.

Additional copies of CAP publications can be purchased from the CAP Bookstore at (800) 858-4370.

As a reminder, only commanders, administrative officers or test officers are allowed to use either version of the CAP Form 8.

For more information about CAP's Web site, contact Bill Hamrick, CAP webmaster, at (334) 953-6932 or via e-mail at webmaster@capnhq.gov. For more information on replacing damaged publications, call (334) 953-5051.

■ Cadet to attend scholar academy

MISSOURI — The cadet commander of Missouri Wing's Vanguard Composite Squadron has been selected to attend a special academic program at the University of Missouri-Columbia.

Cadet 1st Lt. Heather M. Woller, a member of the National Honor Society and honor student at Warrensburg High School in Warrensburg, Mo., was one of only 330 students statewide chosen to participate in the 2000 Missouri Scholars Academy.

Woller will stay in the dorms on the campus and take a number of intense, fast-paced classes taught

by university professors. Woller's particular areas of interest are criminal law and Russian.

The MSA was designed to help gifted students achieve their full potential and to motivate them to succeed.

Woller is very active in her squadron. She's a fully qualified ground team member and mission radio operator. She is scheduled to participate this summer in the Missouri Wing flight encampment, CAP's National Ground Search and Rescue course and Hawk Mountain. Her parents are both CAP members. Capt. David Woller is the wing director of communications, and 1st Lt. Sally Woller is the wing logistical supply officer.

CAP SAFETY STATS

	June	2000*	1999*
Fatalities	0	0	2
Serious injury	1	2	9
Bodily injury	2	4	28
Vehicle mishaps	1	6	9
Aircraft incidents	1	16	18
Aircraft accidents	0	0	3

* Statistics based on calendar year

Getting it right!

In the July issue of the *Civil Air Patrol News*, Lt. Col. Rock Palermo was mistakenly referred to as commander of the Louisiana Wing's Lake Charles Composite Squadron on Page 8.

The squadron's commander is actually Capt. Robert Hyberger. Palermo is the wing disaster preparedness and legal officer, and squadron emergency services officer.

CAP Historical Foundation records stories, memories of World War II subchasers

Drew Steketee
Executive Director
CAP Historical Foundation

MARYLAND — The CAP Historical Foundation has reemphasized its program of preserving the recollections and memories of CAP pioneers, including the famed CAP subchasers of World War II-era Coastal Patrol.

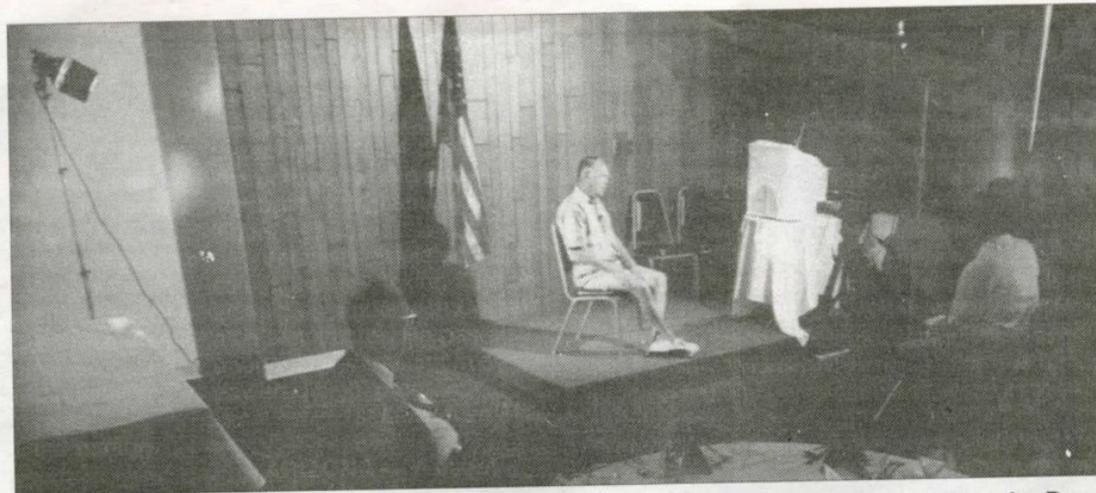
The CAPHF renewed its oral history program at the annual reunion of Coastal Patrol Base 2 veterans at Rehoboth Beach, Del., in October 1999. The reunion now serves as the general reunion of all involved in World War II CAP operations.

Among those videotaped for CAPHF oral his-

tories were subchasers Tom Worth, Glen Cook, Eddie Edwards, Maury Betchen, Tom O'Day and Ed Phipps. All flew at CAP Coastal Patrol Base 2 in Rehoboth Beach.

Edwards won fame for a daring rescue of a downed CAP airman at sea, and was presented the Air Medal by President Franklin D. Roosevelt in the White House in 1942.

Planned in the near future are oral histories in the Lantana, Fla., area, site of CAP's Coastal Patrol Base 3 (which was based in Lantana). A key oral history will be taken from Owen Gassaway, the "maintenance wizard" of Base 3. The maintenance chief at each base was a key



World War II CAP subchaser Tom Worth of Closter, N.J., is interviewed on videotape by Drew Steketee, executive director of the CAP Historical Foundation. Such oral histories will preserve the memories of CAP's early pioneers.

figure in the safety of CAP pilots operating 50-200 miles at sea.

Gassaway continued his aviation career after the war when he became the president of Florida Airmotive, one of the largest and most successful fixed base operators in Southern Florida. He continues to work in Lantana managing the Palm Beach

County Airpark.

The three Coastal Patrol anti-sub bases were quickly expanded to 21 located from Maine to Mexico. The personal accounts of these pilots, observers and support personnel were collected in the 1990s by author Louis Keefer.

"From Maine to Mexico" is now available

through the CAP Historical Foundation, as a premium, for a tax-deductible contribution of \$20 or more to the foundation.

For a copy, send your donation, book request and mailing address to: CAP Historical Foundation, c/o Drew Steketee, 421 Aviation Way, Frederick, MD 21701. Allow four weeks for delivery.

New Mexico Wing conducts first-ever urban ground search

Maj. Robbi Ross
Mission Public Affairs Officer
New Mexico Wing

NEW MEXICO — Seven-year-old Robert "Robbie" Romero of Santa Fe, N.M., had walked the few blocks from a friend's house back to his home many times — but on June 7, he did not return.

Family, friends and neighbors started a neighborhood search when they realized Robbie had not returned home. Then the Santa Fe Police Department was called and a professional search was initiated.

On the morning of June 8, Santa Fe Police requested the assistance of the state police search and rescue. Dogs, ground teams and helicopters began searching in a heavily wooded area where Robbie was last seen.

On the night of June 9, 1st Lt. David Ruetz, New Mexico Wing's director of emergency services, received a call from the New Mexico State Police requesting a ground

team with automated position reporting system capability.

A team was quickly assembled and led by Lt. Col. Bob Ross with cadet Lt. Col. John Grassham of the Eagle Composite Squadron serving as the ground operations branch director. Unfortunately, New Mexico Wing's ground search and rescue director, Capt. Dan Bourne, and his wife, Capt. Olivia Bourne, had just left town. Bourne has been trying for some time to get the wing ground teams certified by the state for ground searches and this was the wing's first official effort.

The team, comprised of members from the Thunderbird and Eagle Composite squadrons in Albuquerque, left wing Headquarters at 6 a.m. June 10. They were equipped with a mobile communications center, transportation van and personal gear suitable for this type of search.

When the team arrived at the mission base in Santa Fe, they set

up their communications center. A briefing was held and the team was assigned to search a large arroyo, culverts, water easements and the woods behind a mall.

The initial search pattern was from the center of the arroyo north to the edge of the shopping center parking lot. The second pattern swept from the center of the arroyo southward through a more densely wooded pinon/ juniper grove. Short interviews were conducted with possible witnesses, but no signs or clues surfaced.

After debriefing and a quick break, the team's next assignment was to obtain GPS coordinates for a culvert/drainage system in an adjacent residential area. Maj. Jeff Carpenter and Ross recorded the coordinates. Two smaller teams, under the supervision of Capt. John Choc, were assigned adjacent search areas.

In the heat of the afternoon, with temperatures well into the 90s, the team received their third

assignment. Information received from a jogger, who had passed very near where the team had searched earlier in the day, led incident commanders to believe that another look at the area was warranted. Accompanied by a local news reporter and TV crew, the team returned, but again their efforts turned up nothing.

Late that afternoon, the search day ended. The incident commander thanked the team for their invaluable work with communications, GPS and APRS capabilities, and slow-scan pictures.

Cadets Kaycee Gilbert and Elizabeth Deeds, both of the Eagle Composite Squadron, had manned the wing communications center. Choc, who works professionally as a communications specialist, designed and set up the mobile communications center, and had personally trained cadet teams to receive slow-scan imagery, Auto

See **Search ...** Page 5

Holbrook assumes command of Kentucky Wing

KENTUCKY — Col. John Price relinquished command of the Kentucky Wing to Col. Loretta Holbrook during a change-of-command ceremony July 8 at wing headquarters in Frankfort, Ky.

Holbrook joined Civil Air Patrol in July 1992. She held a variety of command and staff positions until 1997 when she assumed command of Kentucky Wing Group 1. Since 1999, she has served as the Kentucky Wing's director of Cadet Programs.



Col. Loretta Holbrook

Holbrook's awards and decorations include the Meritorious Service Award, Commander's Commendation Award with five clasps, International Air Cadet Exchange Award and Encampment Award with 13 clasps.

The colonel is a graduate of the Seattle Business College and is married to Phil Holbrook. The couple has one daughter, Amanda, 22.

Price joined CAP as a cadet in 1948. Since that time, he has served in a variety of command and staff positions including a previous stint as the Kentucky Wing commander from 1972-1976, and inspector general and director of logistics for the Great Lakes Region. He is also a graduate of the CAP National Staff College.

Price's awards and decorations include the Distinguished Service Award, Exceptional Service Award, Meritorious Service Award, National Commander's Citation, Paul E. Garber Award, Grover Loening Aerospace Award, Leadership Award, Membership Award, Cadet Proficiency Award, Red Service Award, Air Search and Rescue Ribbon and CAP Observer Wings.

Price is a graduate of Flaget High School, the University of Texas and Hofstra University. He has been married to Lt. Col. Frances Price for 46 years. The couple has two sons, Gary and Dale, and six grandchildren.

Oregon aircrews locate downed Cessna

Lt. Col. Thomas Traver
Public Affairs Officer
Oregon Wing

OREGON — Oregon Wing search crews located an aircraft July 9 that had been reported overdue.

The aircraft failed to reach its destination July 8 after departing Aurora State Airport for a routine recreational flight with nine other aircraft, all members of the Columbia Aviation Club.

Wing aircrews located the crash site after following up on Federal Aviation Administration radar-imaging data early evening on July 9. The site was about 25 miles northeast of Salem, Ore. The exact coordinates of the site were relayed to Clackamas County Sheriff's Office ground teams for verification.

The condition of the pilot

was unknown.

The 1959 Cessna 175 aircraft was reported overdue when it failed to arrive at Lebano, Ore., after leaving Aurora at about 8:30 a.m. The wing was activated by the Air Force Rescue Coordination Center at Langley Air Force Base, Va., at the request of officials from Oregon Emergency Management. The CAP was already engaged in a search and rescue exercise in John Day, Ore., July 8. Aircraft and aircrews were immediately dispatched to participate in the search.

On July 8, search aircraft conducted an initial route search while the Marion County Sheriff's Office conducted ramp checks at nearby airports — all without success.

On July 9, members operating out of the wing's Aurora airport mission base combed

the projected flight path of the missing aircraft with 11 search aircraft and more than 45 volunteers. Two aircraft and aircrews from the Washington Wing were also involved.

Washington County Sheriff's Office ground teams also conducted additional airport checks throughout the area.

"There had been no ELT (electronic locator transmitter) signal heard so we continued to search the initial route the aircraft was intending to fly when it was reported missing," said wing spokesman Lt. Col. Thomas Traver.

"Once we received radar imaging from the FAA Seattle center late Sunday afternoon, we immediately sent a search aircraft to check out the possibility that the image was of the missing aircraft — and it was."

CA Wing helps search for Decathlon

CALIFORNIA — The California Wing was tasked to assist the Santa Clara County Sheriff's Office with a search for a rented yellow and blue Decathlon with one person on board.

The aircraft was reported missing after the pilot failed to return from a local aerobatic flight out of Reid-Hillview Airport in San Jose, Calif.

Prior to the wing being put on alert, there had been an eyewitness report from a person who had seen an aircraft go down June 15 near the United Technology Corporation test facility in the hills south of Reid-Hillview.

On June 14, a wildfire east of San Felipe Road had broken out near the UTC facility. It

was contained by 6 p.m. on June 15 and finally controlled on the evening of June 16.

On June 16 at 10:30 am, a private fire crew patrolling UTC lands for hot spots found what appeared to be the missing Decathlon near the crossroads of San Felipe and Las Animas Roads according to the Santa Clara County Sheriff's Office.

California Wing members tasked to respond were: Maj. John Aylesworth and 1st Lt. Richard Palm of the Jon E. Kramer Composite Squadron; and 1st Lts. Larry Daniels and Tom Conklin of the Monterey Bay Composite Squadron.

Search ... from Page 4

mated Position Reporting System transmissions, GPS coordinate transmissions and radio communications. "Both cadets Gilbert and Deeds did an exceptional job." Choc said.

In spite of the difficulties encountered with this type of search, Grassham and Cadets

Jason and Adam Crawford of the Thunderbird Composite Squadron worked professionally with the senior members of the team.

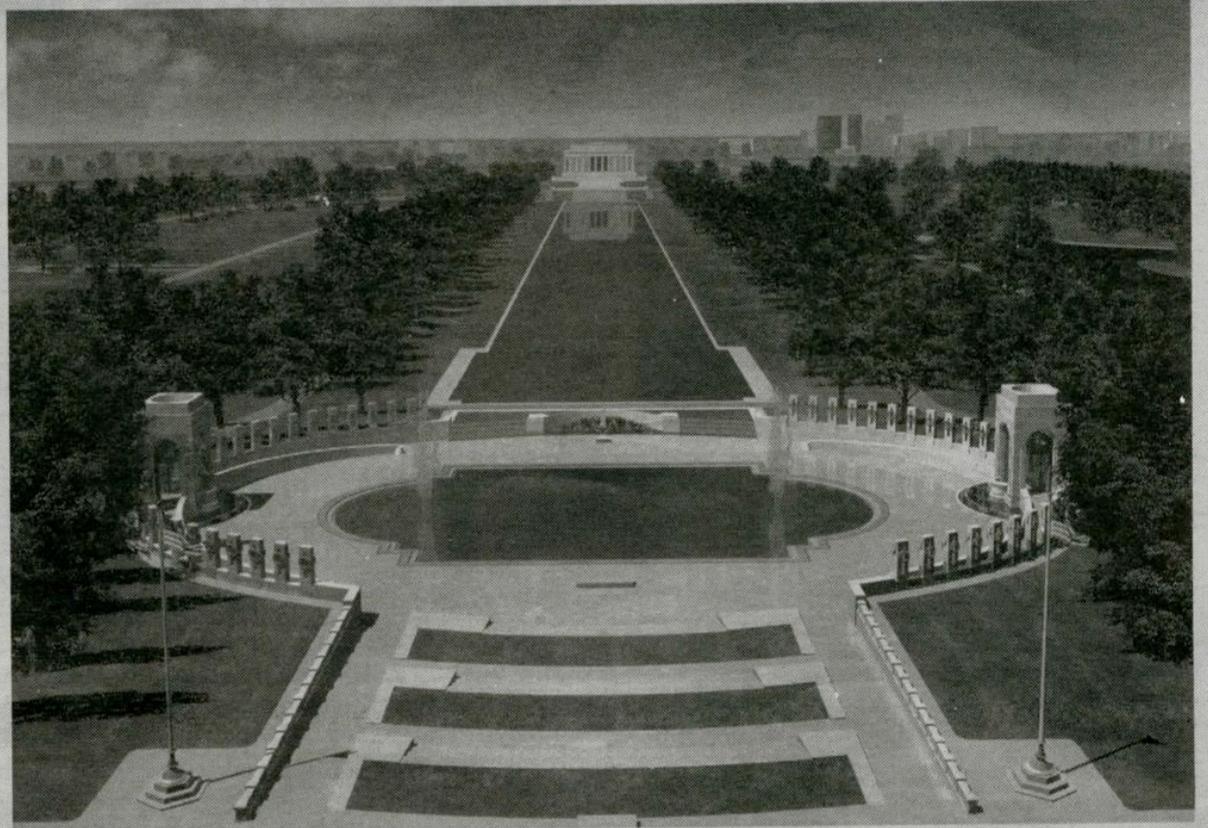
According to Ross, the cadets in the field, all over 18, helped illuminate the value of CAP ground teams to the New

Mexico search and rescue stewards in the Santa Fe area. "This was the first official ground urban search performed by a New Mexico Wing ground team," said Ross. "And they carried their taskings out masterfully."

As for seven-year old Robbie, the investigation into his disappearance has broadened into a multi-state search and continues to this day.

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Timothy N. Taravella
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Maine Wing supports high-level DoD ceremony

Capt. David Kurle
Chief, Media Relations
Headquarters, U.S. Air Force Reserve
Robins Air Force Base, GA

MAINE — Maine Wing's Machias Valley Composite Squadron provided the honor guard and posted the colors for a July 17 ceremony presided over by the assistant secretary of defense for Reserve Affairs.

Air Force Maj. Gen. James E. Andrews delivered the keynote address at the ceremony, which marked the demolition of a dam in East Machias, Maine. Civil engineers from Air Force Reserve units throughout the country spent the summer demolishing the dam, which had become a safety hazard and prevented the migration of Atlantic salmon in the Machias River.



**Maj. Gen.
James E. Andrews**

Four Civil Air Patrol members of the Machias Valley Composite Squadron took part in the ceremony. They were: Cadet Staff Sgt. Jason Mallar, Cadet Airman 1st Class Chris Look, and Cadet Airmen Jarad Mallar and Ben Verburgt. The squadron commander is Capt. Jim Raymond.

The de-construction of the dam, which had stood since the 1920s, was part of the Reserve's Innovative Readiness Training program. The IRT program is designed to provide Reservists with training in a variety of community projects throughout the United States.

"The ceremony will recognize a great day for East Machias and the Air Force Reserve," Andrews said before the ceremony. "We want to thank the town of East Machias for allowing us to conduct valuable training for our citizen airmen. In return, we hope we will make the Machias River safer and more enjoyable for the citizens of East Machias."

During the ceremony, Reservists transferred the gate wheel from the dam to representatives from East Machias, who will use it as a historic display in the town.

Maryland receives credit for save; locates missing 81-year-old woman

1st Lt. Robert E. Terry
Public Affairs Officer
Howard Composite Squadron
Maryland Wing

MARYLAND — In a "textbook" missing-person search, eight Maryland Wing ground teams located a missing 81-year-old Silver Spring, Md., woman with Alzheimers.

On June 26 at about 6:30 p.m., the Arden Court Assisted Living Facility in Silver Spring reported the woman missing to the Montgomery County Police Department.

Detective Al Williams of the MCPD opened the investigation with a detailed check of the facility followed by foot patrols in the immediate vicinity.

Coordinated by Lt. Darrel McSwain, deputy commander of MCPD's Silver Spring District, the search continued into the following morning. Assets included an MSP helicopter, horse-mounted park police and dog teams.

By early afternoon on June 27, officials requested the help of the Maryland Wing to search local areas more completely. By 3:38 p.m. mission coordinator Lt. Col. Robert L. Ayers was alerted and opened his log. At 3:45 p.m., Lt. Col. Kevin W. Redman, emergency services officer for the Howard Composite Squadron, was assigned as ground operations director. The wing mission-management team comprises about 50 man-years of search and rescue experience.

Ayers contacted the MCPD and arranged for the search base to be set up. Soon after, ground teams from the Howard, Glen L Martin, Arundel, White Marsh, Bowie, St. Mary's, Hagerstown, and Bethesda Chevy Chase squadrons were contacted. The most remote teams would travel nearly 100 miles to join the effort. Ayers has promised to field 40 to 50 searchers.

By 6:15 p.m. the search base was set up and soon after the teams began to arrive. By 7:45 pm, the Bethesda Chevy Chase team, led by Lt. Col. John Knowles, and the Bowie team, led by 1st Lt. Jim Hahn were deployed to a

recreation area and nearby neighborhoods.

Over the next four hours, more teams were sent out. The Glenn L. Martin team, led by Capt. Greg Bolyard, searched south of Knowles' team. Two Mid-Atlantic dog teams were coupled to the White Marsh team, led by Capt. Neil Douglas, and sent to a wooded northwest location. The Howard team, led by Maj. Elza Redman, was assigned a recreation area. The Arundel team, led by 2nd Lt. Chris Pumphrey, took on a similar task to the south. The overall pattern was designed to obtain coverage of all areas potentially accessible to the missing woman.

At about 9:30 p.m., Knowles' team finished searching at Galway Park. They broke into three interviewing groups and spread out. The middle group, with Capt. Bruce Drury and his son, cadet Staff Sergeant Dan Drury, encountered a man who told them about an old woman he saw in a yard earlier in the day. He could not recall the address, and offered to take them to the location in his truck. As they approached the area, they saw the woman on the ground. She was on her back with her arms raised, and her head and shoulders in bushes.

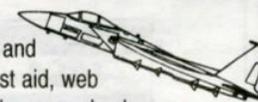
EMS personnel arrived within minutes. The victim was suffering from shock, hypothermia, dehydration and a minor wrist injury. She was treated at the scene for her injuries and transported to Holy Cross Hospital.

Knowles team — consisting of Drury and his son, cadet Capt. Michael Crockett, cadet Airman Sander Cohen, cadet Airman First Class Natasha Lewandrowski, and senior member Suzanne Shoemaker — was debriefed, as were all the remaining teams over the next hour. The Air Force Rescue Coordination Center at Langley Air Force Base, Va., was called for a closeout of the night's action at 2:40 am when all the ground teams returned home safely. By 8:21 am on June 28, mission 00M1315A was officially closed by the AFRCC.

For Redman, it was a near-perfect mission example. "You train in these techniques for 20 years and it's really gratifying to see it all fall into place," he said.

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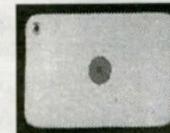
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▶ Team develops applications for all of CAP's missions

Satellite Tool Kit integral part of our future

Today, millions of Americans use personal computers on a daily basis and we are no exception. It is commonplace to send or receive e-mails from all over the globe or to access volumes of information through the World Wide Web. Computers and the benefits of high technology have become indispensable.

Computers and technical advances are playing an important role in our Civil Air Patrol activities and missions. CAP aircraft are being equipped with modern navigation aids including Global Positioning Systems. The use of search and rescue satellites to pinpoint the origin of emergency locator transmitter signals has become an integral part of many missions. Weather forecasting is far more advanced through the use of satellites. The list of achievements and benefits of satellite technology goes on and on.

The Satellite Tool Kit is the premiere satellite analysis software used by governments, industry and educational institutions worldwide in all facets of space-related technology, training and operations.

One particular high-tech computer program advancement is having a very positive impact on CAP in all three of our primary missions – cadet programs,



NATIONAL PERSPECTIVE

Brig. Gen. James C. Bobick
CAP National Commander

aerospace education and emergency services. That program is the Satellite Tool Kit — more commonly called STK.

In my travels across the country attending CAP conferences and events, you may have heard me talking about the Satellite Tool Kit and the CAP-STK Program. STK is leading-edge computer software developed by Analytical Graphics Incorporated, headquartered in Malvern, Pa. Paul Graziani, AGI president and CEO and a former CAP cadet, founded the company in 1989.

STK is the premiere satellite analysis software used by governments, industry and educational institutions worldwide in all facets of space-related technology, training and operations.

At this point, many of you are wondering what satellite software has to do with CAP and where is the benefit. To provide complete answers would take far more space than is allotted here. However, a brief overview of how STK is having a positive, productive impact on our CAP missions is surely of value.

About four years ago, AGI granted CAP the use of STK under their Educational Alliance Program. AGI made a commitment to supply all CAP units with STK software and required licensing. I should mention that the commercial value of a single

copy of the STK software is from \$50,000-\$100,000. Yet, more important than the dollar value, is this significant grant to CAP, which represents a tremendous

opportunity for us to take pioneering steps into the 21st Century using leading-edge, space-related technology.

Seizing this opportunity, a team of CAP volunteers developed and initiated the national CAP-STK Team. Our first use for STK was

in our cadet programs and aerospace education. The team developed and published a 32-hour course for STK and now it is available for all CAP units along with the STK software.

CAP's STK course deals with an introduction to orbital mechanics and has five different lessons that are interactive using the STK software. The program gives our cadets the opportunity to have hands-on use of the same space tool used by NASA, the U.S. Air Force, our nation's military academies and many other institutions and businesses.

Using STK software with a Pentium type computer having Internet access, CAP members have the ability to view a space shuttle launch in 3D and in real time! That is just another example of STK benefits. The educational value alone is limitless and will surely continue to grow in the future.

Recently, benefits of this alliance between CAP and AGI have been developed for our emergency services mission. Shortly, we will be using STK as an integral part of our search and rescue missions. Expanding on the STK software modules currently available, AGI engineers working with a team of CAP volunteers have engineered and produced the CAP-STK Search Tool. This is a software program

or module within STK especially designed for CAP by AGI and applies space-related technology to real world mission applications.

Components of the CAP-STK Search Tool are:

- **Grid search:** 3D terrain-imaging with line-of-sight coverage analysis. The user will be able to program different search patterns and simulate flying the mission on a computer over "actual" terrain. This includes determining visual ground viewing limitations due to terrain restrictions.

- **Repeater tool:** Determines signal coverage taking terrain masking into consideration.

- **ELT tool:** Line-of-sight for ELT signals based on terrain masking.

- **Radar tool:** Determines radar coverage based on terrain masking.

- **NTAP tool:** Using NTAP data, a recreation of an aircraft flight path can be viewed in 3D over the actual terrain flown.

- **Satellite coverage tool:** Determines SARSAT and GPS satellite availability for any given area in the world.

It is important to note the STK software can be run on a Pentium-chip notebook or desktop computer! STK software is user friendly and the search tool has been designed using a "task wizard" for easy use with minimal training. Just point and click!

The first operational version of the CAP-STK Search Tool, the grid search tool, as well as the entire CAP-STK Program will be displayed at the CAP National Board this month in San Antonio and informative seminars will be offered to all attendees. I encourage everyone to learn more about the CAP-STK Program and understand its value to all CAP members. I assure you, it is an opportunity we will always appreciate.

In addition to all the CAP-

We are spiritually strong, and we stand ready ...

Have you recently looked into a mirror? Did you see your reflection as you expected or were you surprised to see some change?

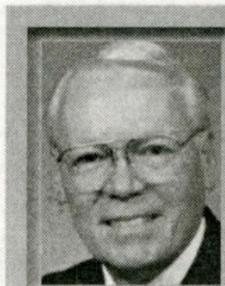
In fact, if you did not see any change, you might want to look again because we change physically every hour and we should change spiritually continually — for this life is the time to

prepare to meet God. Therefore each day, each hour should be normal change.

I have served as your chief for two years and together we have seen CAP's Chaplain Service change. Every three months, six months and annually, I establish chaplain service goals and con-

stantly monitor results.

May I share just a few with you. Each year for the past two years, as in other years, we have



FOCUS ON SERVICE

Chaplain (Col.) James Moore
Chief, CAP Chaplain Service

had exceptional Chaplain Service region staff colleges.

Seven of eight have trained personnel in critical incident stress management or CISM, following the Mitchell model and thus providing CAP and communities with more than 200 basic-trained people.

Chaplain leadership at the wing and region levels are proficient and change every six years, thus providing opportunities for percolating experience. Moral leadership officers are able to receive special MLO #225 track training and become part of the Chaplain Service.

This millennial year is the 50th year of what is surely a milestone for the CAP Chaplain Service. And it's been a wonderful history that has experienced nothing but solid leadership — James O'Connell, 1952-1970; Robert Newberg, 1970-1972; Chilton Thorington, 1973-1975; Luther Smith, 1976-1979; John Elliott, 1980-1982; Frank Ebner, 1983-1986; Harold Place, 1986-1988; Alva Appel, 1989; Gene Elmore, 1989-1991; Vernon Harms, 1991-1993; David

VanHorn, 1993-1996; and John Murdock, 1996-1998 — all past chiefs/chairmen of CAP Chaplain Service.

There is no doubt that our 50 years of service has brought about significant change. And a special thanks to all of those individuals for their service during that time and to all of the CAP chaplains who have ministered since 1950.

True, that daily or hourly change is not as evident as when we look back over a 50-year span, but let us not forget that it was those small amounts of hourly and daily positive change that have made the Chaplain Service what it is today. We are a major force of about 700 now — providing good in the lives of CAP members and, most especially, our cadets. We are spiritually strong, and we stand ready for the future as we go about quietly ministering where needed.

Middle East Region aircrew safely lands stricken C-172

Lt. Col. Stan Ingram
North Carolina Wing Headquarters

MIDDLE EAST REGION — The Saturday morning sortie was nothing more than a routine mountain flying clinic training flight.

Clinic instructor Capt. T. W. Kirkpatrick of the North Carolina was in the right seat of Capflight 3214, 1st Lt. Bill MacKrell of North Carolina's Raleigh-Wake Squadron was the left-seat student, and, in the back seat, was student 1st Lt. James Atkinson, a certified flight instructor and mission pilot from

West Virginia Wing.

The three were in grid 241 Bravo for about 45 minutes practicing approaching and crossing ridges, when the engine began to run rough. A quick check indicated there was no oil pressure — and soon they would have no power.

As practiced, the crew immediately turned away from the mountain, attained maximum glide speed, headed for an open field and called in a "Mayday." Now the entire Middle East Region Mountain Flying Clinic became focused on the emergency.

The "high bird" aircraft called for radio silence, and all aircraft remained in their grids except the closest aircraft, which was given permission to approach the site. The crew of the stricken aircraft made a safe landing in a West Virginia meadow after "hopping" over two fences.

As soon as they got out of the aircraft, they spotted oil on the side of the aircraft, but none in the engine. The aircrew members also suspected damage to the landing gear.

Kirkpatrick credited the skill

and knowledge of the other two pilots in the aircraft, along with constant training.

"We practice forced landings all the time, especially during 'Form 5's,'" he said. "I believe the 'safety always' attitude preached by our CAP check pilots makes all of us better pilots."

The aircraft had to be trucked from its landing spot for engine and possible landing gear repairs. According to region officials, it is expected that the aircraft will return to Civil Air Patrol's aircraft inventory.

STK ... from Page 10

STK national presentations, we are making a concerted effort to conduct seminars and training sessions at region/wing conferences and educational meetings. It is a huge undertaking to bring this program to all CAP members and it will take time. It is our intent to make sure every CAP unit and all members across the country be given the opportunity to take part in the CAP-STK Program, be it for

cadet, educational or mission use.

In addition to current uses of CAP-STK, we are exploring the use of STK to assist in our counterdrug mission. On a recent visit to CAP National Headquarters, Paul Graziani learned of our counterdrug initiatives and is now eager to explore the use of STK in that arena as well. There is a definite excitement surrounding the CAP-STK program. This excitement can lead to an excellent recruiting tool. It is very possible for CAP to attract new members who are interested in being able to use state-of-the-art space technology.

This is a classic win-win situation. Don't miss the opportunity to participate and invite others to join in. You will never regret it. STK is the future and through the generosity of Paul Graziani and the entire AGI staff, it is an integral part of our future as well.

Like the 21st Century, the CAP-STK Program is just beginning. The possibilities are exciting and, in this case, the sky is not the limit. The CAP-STK Program is truly assisting CAP to become a significant contributor to the magnificent future that lies ahead for all Americans.

Good medical advice for staying healthy, safe

Whether you're traveling around the United States or the world or relaxing at home, a safe and healthy journey will add to your fun. Here are a number of helpful health and safety tips to keep in mind when planning a vacation.

▶ Contrary to popular wisdom, the mayonnaise in your chicken salad is usually not the cause of food poisoning. Most likely it is improperly handled chicken (under-cooked, unrefrigerated or both). To avoid bacterial food poisoning, always keep your hot foods hot and your cold foods cold. Store leftovers from a hot meal in shallow containers because they will cool quickly, and bacteria won't be able to multiply.

▶ Prevent premature aging and reduce your risk of skin cancer by using a good "broad spectrum" sunscreen with at least a 15 SPF. Symptoms appear a few hours after exposure, bringing redness, pain, swelling and blistering. Cover the exposed area with protective clothing and wear a broad-brimmed hat.

▶ Choose sunglasses that block 99 to 100 percent of both UVA and UVB radiation. If traveling, make sure you bring your eyeglass or contact prescription with you.

▶ To stay safe while swimming or boating, know your limitations — and never swim alone. Most of

the 7,000 yearly deaths by drowning are preventable.

▶ Always wear a protective helmet when biking or rollerblading.



FIT TO SERVE

Lt. Col. Donna B. Polinger, R.N.
Deputy Chief,
CAP National Health Program

The American Medical Association reports that 75 percent of the cyclists who die each year die from head injuries.

▶ Be aware of the tiny deer ticks that carry Lyme disease. Take precautions — wear long sleeve shirts and long pants, and apply insect repellent — to avoid being bitten. And if you do get bitten, know which symptoms to watch out for, as early treatment is important. The first indication is a rash or blotch. If in doubt, see a health care provider as soon as possible.

▶ If camping or hiking, don't let an itch ruin your vacation. Poison ivy, poison oak and poison sumac grow widely throughout the United States. To avoid or lessen the unpleasant itching rash these plants cause, wash the contact area with soap and water. Also, wash any clothing or jewelry that may have come in contact with the

plant. Put calamine lotion or hydrocortisone cream in your first aid kit to ease itching.

▶ Avoid overheating in the summer sun by drinking plenty of liquids and taking breaks in cool places. While exercising in the sun during the summer months, drink a lot of water (not soft drinks). Without sufficient water, dehydration and loss of electrolytes, like salt and potassium chloride and magnesium,

can cause muscle cramps, nausea, headache, fatigue, and dizziness — all of which are signs of heat-related illnesses such as heat exhaustion or heat stroke.

▶ Pack a healthy suitcase: bring along a first aid kit, ample supply of prescription medicine —

and copies of your prescriptions.

▶ Take steps to prevent travelers' maladies such as motion sickness and diarrhea. If they should occur, know how to treat them. Food poisoning can cause various ailments, such as nausea, vomiting, diarrhea and stomach pains. These symptoms can occur one to six hours after consuming contaminated food or water.

▶ Pollen and mold spores peak in summer and autumn. These, and other irritants which are inhaled, can cause respiratory allergies. Certain allergies often cause symptoms similar to those of a cold — congestive headache, stuffy and/or runny nose, and coughing. The best approach to managing allergies is to avoid the "trigger." Stay indoors when pollen and spore counts are the highest.

Whatever your plans — take the necessary steps to stay healthy and safe as possible!

Utah ... from Page 3

direction-finding equipment on board, they opted to turn the search over to the Utah crew, who located the aircraft within 15 minutes of reaching the area. The crew notified mission base and then remained in the area to assist with recovery efforts. Even after a quickly developing weather system forced them out of the area, the crew remained in contact with the ground team and directed them to the site from memory.

The plane, which had one broken wing, was found in a grove of trees in a remote area called Baxter Pass. There were no survivors.

"I had a very good feeling we were going to find this one when we were getting ready for the mission," said Shelton, "but time was getting short and we only had about three hours of daylight remaining."

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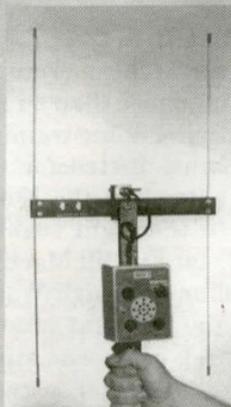
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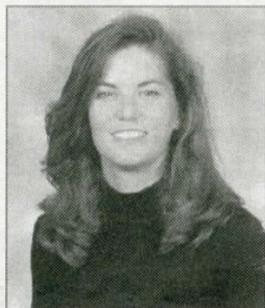


HQ Employee of the Quarter

If you ask Michelle Yost why she was selected as the CAP National Headquarters employee of the quarter, you'll get a very interesting answer.

"I shouldn't have gotten the award," stated Yost, a senior business systems analyst with the Information Systems Department. "The award should have gone to the whole IS department, because we all work together and do everything as a team."

No surprise here! The emphasis Michelle places on teamwork is one of the reasons why she is such a valuable asset to CAP. And her actions prove she means what she says. Many people would have used the \$100 gift that went with the quarterly award as a chance to do



Michelle Yost

something nice for themselves, but not Michelle — she saw it as a chance to do something nice for her teammates. In the end, she used the money to treat everyone in her department to a pizza lunch.

In addition to her value as a team player, Michelle is a

hard-working, always-on-the-go dynamo. Few can keep up with her, and her energy and smile are contagious.

Apart from CAP, Michelle is married to Craig Yost and has a chocolate Labrador named Jasmine. And you don't have to know her long or well to realize what her biggest passion is. Everyone at headquarters knows she is an avid Auburn University sports follower. Her knowledge of Auburn and all of the school's sports teams is remarkable, and, when mixed with her energy and intellect, she is a tough foe for the most avid of Crimson Tide fans.

Michelle also enjoys gardening, and she works out at the gym every day.

Chances are good that, as CAP members in the field, you will never have direct contact with Michelle. However, when you call headquarters, the bookstore or supply depot to request something, the people working in those departments know you are a CAP member because of the database work performed by Michelle and the other members of the IS team.

Michelle Yost
Information Systems

National headquarters releases 2000-'01 Inland SAR Coordination Course schedule

NATIONAL HEADQUARTERS — Civil Air Patrol National Headquarters has released the fiscal 2000 Inland SAR Coordination Course schedule.

"This course is an outstanding opportunity for all CAP mission managers," said John Desmarais, head of emergency services plans at headquarters.

In order to attend, applicants must be incident commanders/mission coordinators or nearing that status; pilots/observer/scanner; working in operations, planning, logistics, administration chiefs; and others with substantial CAP emergency services experience who are committed to progressing to mission management positions in emergency services.

Each class has 24 openings with six of those reserved for CAP. To apply for a CAP slot, submit a completed and signed CAP Form 17 through your unit, wing and region commander to CAP National Headquarters (HQ CAP/DOS). To preclude "form-loss syndrome,"

Number	Date	Location
01-01	13-17 Nov 00	Florida - Tavares
01-02	11-15 Dec 00	California - Location TBD
01-03	8-12 Jan 01	Oklahoma - Oklahoma City
01-04	29 Jan-2 Feb 01	Washington - Camp Murray
01-05	20-24 Feb 01	Colorado - Denver (Tuesday-Saturday class)
01-06	12-16 Mar 01	Oregon - Salem
01-07	2-6 Apr 01	Michigan - Sleeping Bear Dunes National Park
01-08	29 Apr-4 May 01	Maine - Bangor
01-09	4-8 Jun 01	Virginia - USCG Training Center Yorktown
01-10	27-31 Aug 01	Virginia - USCG Training Center Yorktown

you should fax a copy of your original application to headquarters to establish your intent to attend (or via e-mail).

Application deadlines are not later than 60 days before class start date.

Students must firmly commit to attend when the list is finalized and submitted to the SAR school so students are being asked to coordinate attendance with their with employers. Please contact headquarters if you have to make spe-

cial plans to attend.

While the classes are offered free of charge, each student or their organization is responsible for all personal expenses, including travel, lodging, meals, etc.

For more information, contact John Desmarais or Pete Kalisky via e-mail (jdesmarais@capnhq.gov or pkalisky@capnhq.gov) or via telephone — (334) 953-4220/4228 voice or (334) 953-6342 fax.

SC Wing flies evacuation route recon flights

Maj. Emerson Smith

*Director, Public Affairs
South Carolina Wing*

SOUTH CAROLINA — The South Carolina Wing joined with the South Carolina Highway Patrol to fly reconnaissance flights over eight highway evacuation routes from the coastal areas inland.

The South Carolina Emergency Preparedness Division oversaw the joint effort.

During the most recent hurricane in South Carolina, traffic was blocked for hours as coastal residents in Charleston, Hilton Head and Beaufort packed the highways heading inland after an evacuation order was given by the governor.

Recently, the South Carolina Highway Patrol and South Carolina Wing held a practice response exercise based in Columbia, S.C. Maj. Corty Williamson served as the mission coordi-

nator. The mission coordinator trainee was Maj. Ginger McMillan of the Charleston Composite Squadron. George Roberts, CAP was in charge of Air Operations. Capt. Cindy Aulbach served as the key liaison with the preparedness division and highway patrol.

According to South Carolina Wing Commander Col. Hartsell Rogers, the exercise was a vital experience. "This is the future of the Civil Air Patrol," said Rogers, "participating in emergency preparedness and disaster services in conjunction with other state agencies and authorities."

All 10 of the wing's aircraft were involved in the exercise. Ground crews, made up with both cadets and senior members, also participated.

As a result of this exercise, the wing will be better prepared for the hurricanes that pose a threat to South Carolina's shores every year, said Rogers.

National Military Music Academy cadets perform on mall

NATIONAL HEADQUARTERS — In one of the grandest public celebrations in Civil Air Patrol history, the Maryland Wing Music Program took part in "Tattoo 2000 — Saluting America's Veterans" on the National Mall in Washington, D.C., July 11.

Twenty-one National Military Music Academy cadets, led by academy director Capt. George Carroll, entertained the audience alongside Maryland Wing Music senior members dressed in World War II-era uniforms. Other bands in the tattoo included the U.S. Army's Old Guard Fife and Drum Corps, Colonial Williamsburg Fifers and Drummers, and City of Alexandria (Va.) Bagpipes and Drums.

With only a few days to prepare, the members put on a spectacular show. They played a medley of patriotic tunes, reenacted a 1940s Glenn Miller/USO swing-band segment and presented a flag pageant as a tribute to all CAP volunteer-members who lost their lives in service to America.

Master of ceremonies, senior member Roger Thiel, included remarks about the wealth of resources and spirit CAP presents to the country.



National Military Music Academy cadets and Maryland Wing Music senior members perform in "Tattoo 2000 - Saluting America's Veterans" on the National Mall in Washington, D.C., July 11.

■ Director: 'NSC is CAP's capstone program for professional development'

2000 National Staff College set for Oct. 21-28

Mark Wilkerson

*Chief, Senior Training
CAP National Headquarters*

NATIONAL HEADQUARTERS — The 2000 Civil Air Patrol National Staff College will be held Oct. 21-28 at the U.S. Air Force Senior NCO Academy, Maxwell Air Force Base-Gunter Annex in Montgomery, Ala.

Col. Ernie Pearson, the 2000 NSC director, summed up the college's value for eligible senior members. "The National Staff College is Civil Air Patrol's capstone program for professional development, and it will provide CAP's senior officers the best executive-level training that CAP has to offer."

The NSC offers training in leadership and management issues and communications, and brings members up to date on a wide range of CAP issues. Small seminars discuss and analyze management concepts and deal with real

problems facing CAP.

During the week, members have the opportunity to interact with other future leaders of CAP and the current leadership of CAP, including sessions with the national commander and executive director.

The NSC also takes advantage of a number of expert lecturers from Air University, the center of the U.S. Air Force's professional military education.

Present and potential wing and region commanders, and group commanders who have attended a region staff college may apply. Applicants must hold the grade of major or above (cannot be waived) and have completed an RSC or equivalent.

(See CAP Regulation 50-17, CAP Senior Member Training Program, Chapter 7).

Members attending the NSC are authorized to

use the academy's dormitories and dining facilities.

This professional military educational facility is one of the finest in the Air Force

with seminar rooms, dorms and dining facilities

all conveniently located in a campus-like environment at

Gunter. Costs range from \$10-15 per day for the room and \$10-15 per day for food, although several meals are included in the registration fee. The NSC registration fee is \$100 and covers a variety of activities and functions.

Eligible senior members need

to complete a CAP Form 17, Application for Senior Member Activities, and submit it through the unit commander to wing and region for approval. The region commander must forward the approved forms (signed by the unit, wing and region commanders) to CAP National Headquarters (HQ CAP/ETP) by Sept. 15. Form can be sent via fax at (334) 953-7771.

Once accepted, the college director will send each member an acceptance letter all of the necessary information.

For more information, check out the NSC Web site at www.capnhq.gov (click on the "Aerospace Education and Training" icon, and then the "Professional Development" icon) or contact NSC Director Col. Ernie Pearson at (909) 394-1175 or via e-mail at erniepear@earthlink.net. Applicants may also contact the Professional Development Division at CAP National Headquarters at (334) 953-7584.



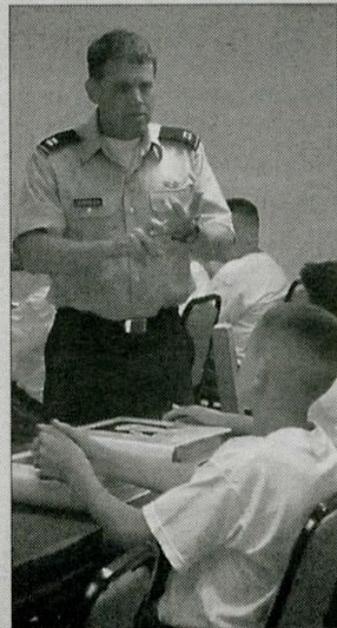
Honor Guard Academy

26 Middle East Region cadets attend first CAP Honor Guard Academy

Lt. Col. A. William Schell

VIRGINIA — Cadets from across the Middle East Region gathered at Virginia State Military Reservation to attend the first-ever national Honor Guard Academy.

Twenty-six cadets from five different wings completed two weeks of intensive training under members of the U.S. Air Force Honor Guard. The honor guard, made up of some of the sharpest personnel in the Air Force, is stationed at Bolling Air Force Base, Washington, D.C.



Capt. Shawn Kerrigan of the Virginia National Guard teaches a Drug Demand Reduction course during the academy.

Three noncommissioned officer members of the honor guard put the cadets through their paces in a variety of activities. They started with the basics and continued through some of the complex displays for

which the honor guard is known. But the instructors taught more than just maneuvers — they shared with the cadets about other aspects of their lives as members of the honor guard.

The academy itself came about because of a need in CAP for a standardized honor guard training program.

That such a need existed became increasingly evident over the past several years as more and more requests came in for honor guards for nonessential events. Because military budgets were cut, it was increasingly difficult to get military honor guard units for events deemed nonessential. Event planners were requesting CAP units to fill the gaps more often as time went by.

With this in mind, Lt. Col. Amanda B. Anderson, Middle East Region director of administration, developed a comprehensive training guide. With the help of Lt. Col. Johnetta C. Mayhew, Maryland Wing honor

guard project officer, she also designed the training program.

Additional input for the course was provided by members throughout the Middle East Region. Based on that input, 25 subjects were selected. Included were: basic drill, flag etiquette, colors ceremonies, funeral procedures, changes of command, drug demand reduction and honor guard history.

The academy was limited to a small group of cadets in its first year so that CAP officers would be able to review the course and make any necessary improvements before offering the course to all members.

The wings represented by the students were: Maryland, North Carolina, National Capital, West Virginia and Virginia.

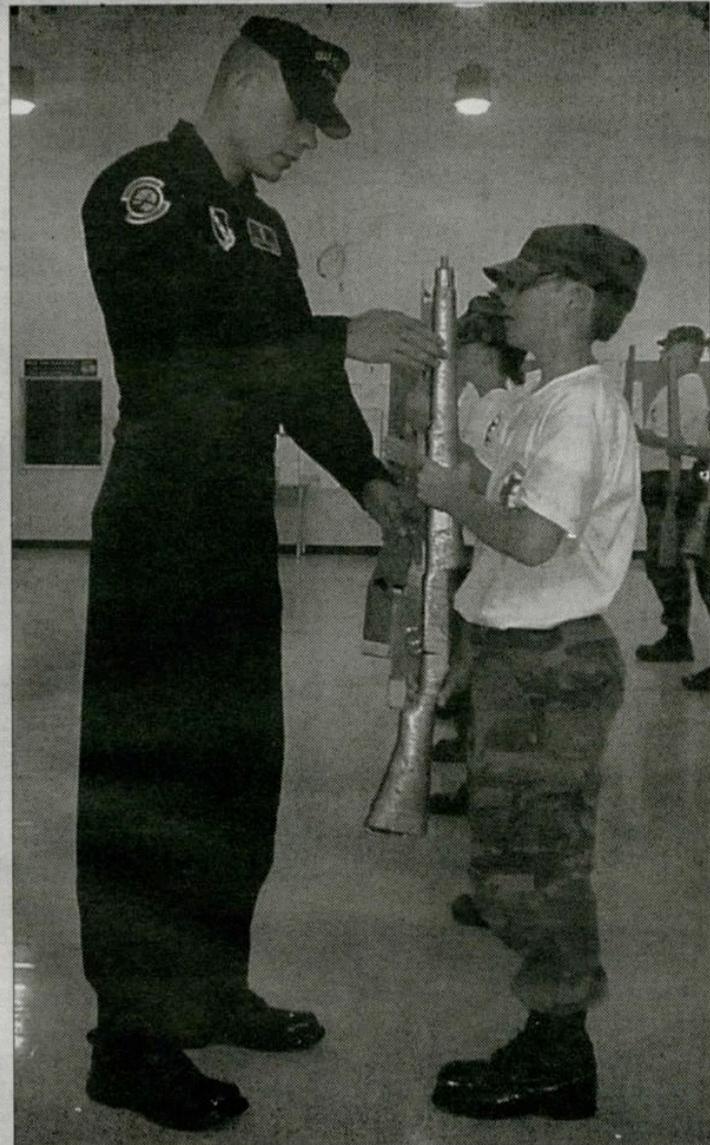
The participants ate at nearby Naval Air Station Oceana, Va.

There was a fee for those who wanted to participate in the academy, to help cover the cost of putting on the course. Included in the fee was room and board, a training guide, T-shirts and a complete equipment set.

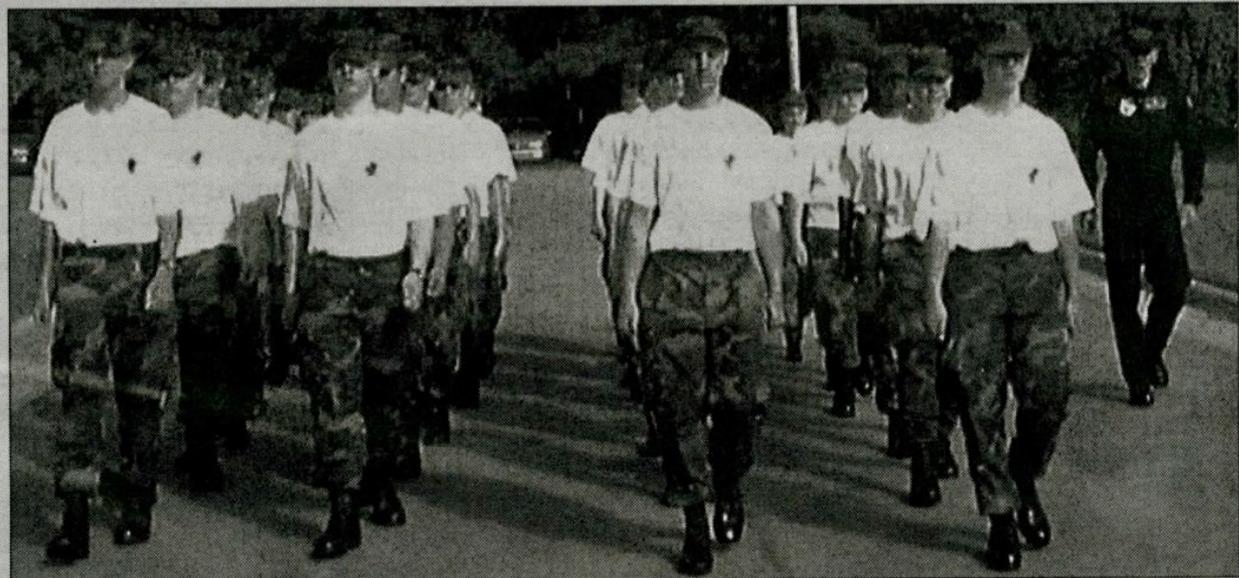
The set contained a parade rifle, ascot with honor guard patch, parade belt and buckle, gloves and a silver shoulder cord.

Graduation ceremonies were held at the Virginia National Guard Armory, Virginia Beach, Va. Guests included parents, friends and members of CAP's Middle East Region command staff.

Plans are currently underway to open the school to all CAP members in 2001.



U.S. Air Force Staff Sgt. Marc Schoellkopf, honor guard instructor at Bolling Air Force Base, Md., works with Cadet Senior Airman Benjamin Williams of the Maryland Wing. Williams was selected as the academy's honor cadet.



The 26 students at the first Honor Guard Academy practice drill under the direction of a U.S. Air Force Honor Guard member at Bolling Air Force Base, Md.

Missile defense system under scrutiny

Defense Secretary Cohen testifies before Senate Armed Services Committee

Jim Garamone

American Forces Press Service

WASHINGTON — A limited national missile defense would prevent nuclear blackmail against the United States and could “enhance deterrence and improve stability,” Defense Secretary William S. Cohen said July 25.

Cohen, testifying before the Senate Armed Services Committee, said the proliferation of long-range ballistic missiles and weapons of mass destruction are increasing challenges to U.S. national security.

“Our goal,” he said, “is to provide protection to the American people against irresponsible nations, to prevent them from putting the United States in a position of being blackmailed and precluding us from taking action to defend our own national security interests.”

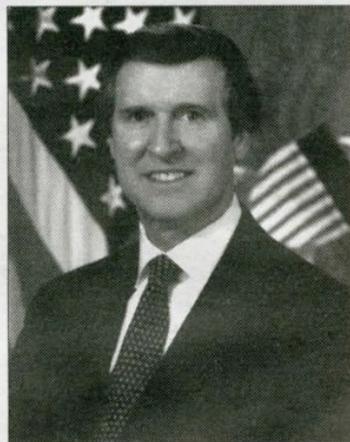
He said the threat these weapons pose is “substantial,” and that even the Russians have admitted this. He said Iran, Iraq and Libya are working on building a long-range capability.

He also said that while the United States is encouraged by the results of the recent summit of North and South Korea, “one summit doesn’t change a tiger into a domestic cat.”

Cohen said the United States needs to see actions from North Korea and not just words.

They have tested an intercontinental-range missile and could build more, he said.

Cohen is reviewing the program and will make a recommendation to President Clinton in August on whether to proceed with the limited National Missile Defense program. Intelligence officials see the ICBM threat from “states of concern” emerging by 2005. For a defense system to be in place by then, construction must begin this year.



Defense Secretary
William S. Cohen

Of the last three tests of the land-based system, only one was successful. Cohen said he is taking this into consideration as he prepares his recommendation to the president. He said the system now is “possible” rather than feasible. “You ... would want to have something that ... you can reliably count on to work,” he said.

The current estimated \$20.3 billion cost of the National Missile Defense system through fiscal 2007 would cover 100 interceptors and radars in Alaska, Britain and Greenland. Of that

cost, \$5.7 billion was appropriated prior to fiscal 2001.

Cohen noted that having radars in Britain and Greenland make it imperative to have allied cooperation. He told the senators he is working with his counterparts and is discussing the threat and the national missile defense response.

AF launches fourth replenishment satellite; joins 27 other satellites in GPS constellation

Ronea Alger

Space and Missile Systems Center
Public Affairs

LOS ANGELES AIR FORCE BASE, Calif. — The Air Force has successfully launched its fourth Global Positioning System replenishment satellite (GPS IIR) on a Delta II rocket from Cape Canaveral Air Station, Fla. This spacecraft will join 27 other satellites in the GPS constellation.

“This launch is to increase global coverage and improve

overall constellation health,” said Col. Douglas Loverro, system program director, NAVSTAR GPS joint program office. “In such a mission, the satellite is placed into a desired plane based upon analyses, which determines which plane most likely contains a satellite or satellites which are nearing their end-of-life. This strategy allows us to fully utilize the unexpended life of satellites in all planes without risking coverage gaps if older birds (satellites) should fail.”

The Global Positioning

System allows any user equipped with a GPS receiver to determine velocity and worldwide position — latitude, longitude and altitude — within a few meters. Both position data and velocity are given at a precise reference time. Although originally designed as a guidance and navigational tool for the military, GPS has proven beneficial in the fields of transportation, surveying, and search and rescue operations, and has cre

See **Satellite ...** Page 17

~ Briefs ~

AF winning recruiting war

WASHINGTON — The Air Force said today it is winning its “war on recruiting” by reaching this year’s goal with the recent signing of the 34,000th enlistment contract in Mount Vernon, Ill.

With 26,070 new airmen sent to basic training since the beginning of the fiscal year, the Air Force has enough contracts with new recruits to enter basic training by Sept. 30 to meet its annual goal.

“This is a great accomplishment for not only our recruiters, but for the entire Air Force,” said Secretary of the Air Force F. Whitten Peters. “We made recruiting a top priority this year and are pleased to see the initial fruits of our labor.” (Air Force Print News)

MiGs fill skies above Nellis

NELLIS AIR FORCE BASE, Nev. — The skies above Nellis were filled with the roar of MiG-29 Fulcrums as German aircrews battled U.S. pilots in the air-to-air arena for a Red Flag exercise June 23 to July 24.

Nellis’ 53rd Wing’s 422nd Test and Evaluation Squadron hosted 110 members of the 1st Squadron, Laage, Germany. Aircrews from the 422nd and the 85th Test and Evaluation Squadron, Eglin Air Force Base, Fla., participated with the Germans in tactics development and evaluation to teach U.S. pilots how to fly, fight and win against the MiG-29. The MiGs flew offensive counter air missions against a variety of aircraft including F-15s and F-16s. (Air Force Print News)

F-22 Raptor fires AIM-9

EDWARDS AIR FORCE BASE, Calif. — The F-22 test program met a major milestone July 25 when Raptor 02 successfully launched an AIM-9 missile over test ranges at China Lake Naval Air Station, Calif.

The test, which took place as the F-22 flew at 20,000 feet and a speed of Mach .7, evaluated the next-generation fighter’s ability to successfully fire an air-to-air missile from an internal weapons bay.

The assessment is the partial completion of a major milestone the F-22 Combined Test Force is tasked with meeting this year. (Air Force Print News)

■ CV-22 will be used by Special Operations Command

Bell Helicopter unveils Air Force version of Osprey

HURLBURT FIELD, Fla. — The Air Force Special Operations Command saw the future of its aircraft platforms as the first test and operational CV-22 was unveiled at Bell Helicopter Textron's plant in Fort Worth, Texas, July 25.

The tilt-rotor aircraft is a modified version of the V-22 Osprey. It is the first aircraft purchased specifically for use by the Air Force Special Operations Command. While C-130s and MH-53s have been the primary AFSOC aircraft, they were conventional aircraft that were modified to meet the Special Operations Forces mission.

AFSOC influenced the design of this aircraft from its early stages to meet the needs of its special operations mission, according to command officials. The rollout of the CV-22 signals the beginning of a two-year period of operational testing and evaluation at Edwards Air Force Base, Calif. The first six operational aircraft are expected to arrive at Hurlburt by 2004. The Air Force plans to purchase a total of 50 aircraft.

The CV-22 unveiled to distin-



Crowds gather around the CV-22 as it is unveiled at the Bell Helicopter/Textron plant in Fort Worth, Texas, July 25. The Air Force plans to purchase a total of 50 of the tilt-rotor CV-22s and use them for special operations.

guished visitors during the rollout ceremony is one of the four original engineering, manufacturing and development aircraft the Marine Corps used for the flight test program of its MV-22. The primary difference between the Air Force CV-22 and the Marine MV-22 is the advanced avionics equipment the Air Force aircraft will

carry. The equipment will allow special operations forces to penetrate hostile areas using weather, terrain and darkness to their advantage. The CV-22 can also carry 4,000 pounds more fuel, increasing its flight time by 1.5 hours.

Command officials laud the CV-22, but emphasize it is not a

replacement for the MH-53 Pave Low. It provides for many of the capabilities of the Pave Low as well as some of the missions of the command's C-130 assets, while still adding its own unique contributions to the command's capabilities.

Among the key attributes the tilt rotor aircraft brings to AFSOC are:

- The ability to conduct long-range infiltration and exfiltration missions in a single period of darkness.

- Greatly reduced reaction time due to the aircraft's range, speed and flexibility.

- State-of-the-art avionics that allow for pinpoint delivery, accuracy and decreased detection of special operational mission assets.

- A self-deployable capability that reduces the need for support airlift to conduct missions.

- Doesn't need an airfield; it can operate out of a parking lot or a soccer field.

- An increased range, speed and flexibility that gives the CV-22 the ability to cover more than 500 nautical miles. (Air Force Print News)

Photo by Tech Sgt. Lono Kollars

Satellite ... from Page 16

ated a tremendous demand in new commercial and civil markets.

"The GPS IIR satellites are compatible with the current system but offer improved performance," said Jerry Heydinger, program manager GPS space systems. "Increased navigation accuracy and longer autonomous satellite operation without ground control corrections will improve service for the Air Force customer and other users."

In recent GPS IIR news, the president's 2001 budget request, unveiled earlier this year, builds in

plans to accelerate GPS modernization. The budget, if approved by Congress, will allow GPS to provide improved capabilities being sought by military and civilian users of the navigation system much sooner than previously envisioned.

"The new capabilities include additional military and civilian signals, increased signal power and the ability to reprogram spacecraft signals and power while on orbit," said Loverro. "These improvements will provide for better resistance to enemy jamming and improve accuracy."

According to Heydinger, the government will launch 16 more GPS IIR satellites, built by Lockheed Martin Space Systems Company, Valley Forge, Pa., over the next five years. This most recent launch was the 36th success in a row for the Delta II since 1997.

The Delta program office has been responsible for launching all the GPS satellites except the earlier Block I GPS satellites, which were lofted into space by refurbished Atlas ICBMs. (Air Force Print News)

30 years later



U.S. Air Force Photo by Master Sgt. Dave Nolan

Photographic illustration for POW/MIA month. In 1970, three college students began making bracelets to remember servicemen. Thirty years later, U.S. soldiers are still missing and Americans continue to wear the bracelets.

SENIOR PROGRAMS



GILL ROBB WILSON AWARD

MAJ CHARLES D GOOD MO
MAJ WAYNE G FOX NJ



PAUL E. GARBER AWARD

MAJ LARRY R ADAIR CA
MAJ MICHAEL B WICH CA
LT COL JERRY L PRICKETT CA
MAJ GERALD P LOWRY IA
MAJ CHARLES D GOOD MO
MAJ DAVID A JULIAN NM
MAJ DONALD F EDDY NY
MAJ ROBERT M WILLIAMS OK



GROVER LOENING AWARD

CAPT ERIC S DAVIS CA
CAPT RICHARD MATA CA
CAPT MICHELE L DOW CA
CAPT DONALD G CORTUM CO
CAPT DAVID R NOVOTNY CO
MAJ EARL B SHERWIN CO
MAJ CHARLES A SORIANO FL
CAPT RICKEY L OETH IL
CAPT JUDITH A HEALY IL
CAPT LUCILLE H SPALDING KY
MAJ JAMES W SEAMAN LA
MAJ EDMOND A JONES LA
CAPT DAVID A LITTLE LA
CAPT BARBARA L BARTOSENSKI ME
CAPT ANDREW J BROWNING MN
CAPT DAVID S WOLLER MO
CAPT DENNIS W GEDEON MO
CAPT CHARLES W CANNADAY MO
MAJ CHARLES D GOOD MO
MAJ JOHNNIE P COOMBS MS
CAPT JOHN P BUMPAS MS
CAPT JO-ANN M PERRINE NJ
MAJ CHARLES R MCCARTY NV
CAPT JEAN M FISHER TX
CAPT GAILYN F COOK TX
CAPT THOMAS E WILLERT WA
CAPT BETTY J WILLERT WA



BRIG. GEN. CHARLES E. "CHUCK" YEAGER AEROSPACE EDUCATION ACHIEVEMENT AWARD

SR MBR MANUEL A. ALFARO FL
SR MBR MICHAEL J. BANNER FL
2ND LT MARK L. BJORKLAND FL

1ST LT WILBERT A. BOTTLE FL
2ND LT RICK A. COPPOLA FL
2ND LT MIKE DRYBURGH FL
SR MBR D. KYLE GRIFFITH FL
2ND LT RAYMOND S. HAYDEN FL
1ST LT JACK J. HEINEMANS FL
1ST LT MELODY L. KLAERS FL
1ST LT DAVID C. LEALI FL
CAPT N. DAVID LEIFER FL
1ST LT ERNEST MANZANO FL
1ST LT MARTIN L. MARUGG FL
TFO JOHN W. MIKYLA FL
1ST LT EDITHGAIL F. MILLER FL
1ST LT ARNOLD F. NOORLANDER FL
MAJ RODNEY P. NOREN FL
CAPT GARY W. OWEN FL
1ST LT DAVID PALKOWSKI FL
1ST LT CYNTHIA G. SHAW FL
1ST LT SHANE M. TURNER FL
2ND LT ELIZABETH A. VERMILLION FL
2ND LT KATHLEEN R. VERMILLION FL
CAPT JOHN VREDENBURGH FL
SR MBR MICHAEL BEAVERS IL
SR MBR BARBARA GOUGH IL
CAPT G. HANEBRINK IL
SR MBR KAREN HANEBRINK IL
SR MBR REBECCA KARCH IL
2ND LT ROOSEVELT LAVALLE IL
SR MBR KATHY MARSALA IL
1ST LT NINA MILLER IL
SR MBR GREGORY RHOADS IL
2ND LT ALETA RUSTIN IL
1ST LT JASON J. CLOUTIER ME
1ST LT MARY P. DOUGHTY ME
1ST LT RICHARD N. DOUGHTY ME
2ND LT JANE M. GOULD-SR MBRITH ME
2ND LT POCCO S. ROBERTS ME
2ND LT JEFFREY C. WEPNER ME
1ST LT RICHARD HARKNESS NC
CAPT LEONARD CASSELL NE
MAJ THERESA PRONSKE NE
CAPT KEN R. ANDERSON OH
1ST LT RHONDA R. ANDERSON OH
CAPT NATHAN L. COOK SC
LT COL MICHAEL A. BEASON SD
1ST LT DAVID A. HATCH SD
2ND LT SARA M. JENSEN SD
2ND LT DERYL L. MILES SD
SR MBR COREY J. WEEDEN SD
CAPT IRA V. HOFFMAN, JR. VA

CADET PROGRAMS



GEN. IRA C. EAKER AWARD

TYLER A. MANION FL
CHRISTOPHER D. RUSSELL HI
PETER J. AMARAL III MA
JAMES L. POWELL MS
FRED N. COOK NC
ISAAC J. PIPER NE
JEFFREY A. FRENCH OH
JESSIKA PAZOL PR
FELIX L. MALDONADO PR
DAVID A. TUCKER TN
NATHAN P. OLSEN UT
WILLIAM R. HURST VA



AMELIA EARHART AWARD

JARED O. LING AL
CODY W. M. UPTON CA
MATTHEW R. BAKER CA
DEREK M. CAMERON FL
JESSE A. WEEKS IL

THOMAS J. SCAZZAFAVO LA
ADAM P. BRANDAO MA
MICHAEL P. LALLY MA
ALAN C. KALIN MI
TARA D. CANTY NV
IAN L. GRISWOLD-SHUTE NV
BRIAN M. FALLON NY
IAN S. HANNA PA
OMAR A. ADAMES PR
RICARDO I PENIA TX
ALAN J. THOMPSON VA
CRYSTAL M. REED WA
JOSHUA M. FLAKUS WA
DAVID M. BUEHLER WI
ERIC W. WILSON WI
PATRICK J. CHAPMAN WI



GEN. BILLY MITCHELL AWARD

ANNIKA FITZPATRICK AR
ANDREW R. GRAHAM AZ
MATTHEW S. AMICK CA
STEPHAN C. FEATHERSTONE CA
ALI AKBAR M. JIVANJEE CA
BURKE A. T. BALDWIN CA
KYLE B. MCCLURE CA
LES W. RAYMOND CA
JONATHAN E. GRAVES CA
WILLIAM W. SAUNDERS CA
AYSHA J. MEYERS CO
JOSEPH P. SAVIDOR CT
KENNETH A. BECKER CT
ROBERT C. COSTE CT
CHRIS S. HATHAWAY CT
ALEXANDER W. HAMMER DC
JOSE G. FLORES FL
TIFFANY A. KNIGHT FL
STEVEN C. SCHWEICHER FL
KIMBERLY M. CALABRESE FL
SAMUEL H. LUIS FL
ANDREW R. MCCREEDY GA
RYAN M. STEADMAN GA
JOSEPH C. MURPHY KY
ZACHARY SMITH MA
MARK C. CASEY MA
MATTHEW S. KELLY MA

*Congratulations
to all
awardees and
retirees!*

JAMES S. GEBEREK MA
PATRICK E. SMITH MD
LUKUS B. FORREST MI
CALEB M. UNRUH MO
AARON J. BAHR MO
RUSSELLE L. PAUL MO
WILLIAM A. ARDESSON, II MT
AUSTIN M. YOUNGBLOOD NE
GRAHAM P. GAWRYSIK NJ
JASON T. PENNY NY
BENJAMIN M. GREGORY NY
BENJAMIN M. BAYS OH
JOSH C. KNARR OK
DOUGLAS A. DAWSON PA
WILLIAM D. BARCH PA
ALEYA J. LITTLETON PA
RYNE S. HOWARD-REGAN PA
MATTHEW L. GAMRET PA
THOMAS E. JOHNSON PA
JORGE BRUNO PR
ANA PIZARRO PR
ERICK MORALES PR
LUIS J. NAVARRO PR
MARQUEL R. COAXUM SC
ADAM R. MORROW TN
CHRIS D. PERRINE TN
KELLEY L. LOY TN
RYAN P. BREWER TX
STEPHEN M. CASTLEN TX
ADAM M. GROSS TX
STACEY D. MADDOX VA
ANDREW R. OELKE WI
DAVID T. BREDESEN WI

DISTINGUISHED SERVICE MEDAL

COL TERRY GIBSON UT 8 APR 97-22 JUL 00
COL JOHN F. PRICE KY 9 JUN 99-15 JUL 00 (1ST BRONZE CLASP)

UNIT CITATION AWARD

MOBILE COMP SQ (SECOND AWARD) AL 1 MAY 07 - 30 APR 00
BOCA RATON CADET SQ FL 1 NOV 99 - 29 FEB 00
CINCINNATI COMP SQ OH 1 AUG 99 - 13 NOV 99
FINDLEY LONE EAGLE COMPOSITE SQUADRON OH 1 OCT 98-30 OCT 99
GOLDEN EAGLE COMPOSITE SQUADRON NC 1 NOV 98-31 OCT 99 (2ND)
OKINAWA CADET SQUADRON OS 1 JAN 98-31 DEC 99 (4TH)

RETIREMENTS

LT COL HUGHES M. HARPER FL 1 MARCH 1942 - 1 MARCH 2000 58
LT COL BETTY L. SHERRILL NC 28 FEBRUARY 1969 - 30 APRIL 2000 31
MAJ JEFFRY A. SMITH PA 1 SEPTEMBER 1968 - 1 JUNE 2000 32
MAJ ROBERT W. BAHAN CA 28 JULY 1973 - 1 APRIL 2000 27
MAJ MURIEL E. BAHAN CA 28 JULY 1973 - 1 APRIL 2000 27
MAJ RALPH L. LANDRY CA 28 APRIL 1982 - 30 APRIL 2000 18
CAPT GLENN G. GOERING NM 1 JANUARY 1949 - 30 JUNE 2000 51
CAPT KAY M. ROAM AZ 28 MAY 1980 - 31 MAY 2000 20
CAPT ANNIE P. LAWRENCE FL 1 JANUARY 1943 - 30 DECEMBER 1951
1 JANUARY 1967 - 30 DECEMBER 1989
12 JULY 1996 - 31 JULY 2000 34
CAPT IRA P. HILL FL 19 JUNE 1968 - 31 JULY 2000 32

Nationwide

Reporting achievements of CAP members

NORTH EAST REGION

COMMANDER
COL. DONALD PROUTY

CONNECTICUT * MAINE
MASSACHUSETTS * NEW
HAMPSHIRE * NEW JERSEY
NEW YORK * PENNSYLVANIA
RHODE ISLAND * VERMONT

CONNECTICUT —

Connecticut Wing members from across the state gathered for the wing's annual conference.

The conference, held at the Holiday Inn in East Hartford, Conn., was the first since Col. Karen Payne took over as wing commander. Brig. Gen. James C. Bobick, CAP national commander, attended the conference.

The theme of the conference was aerospace. Aerospace projects were presented by the Silver City Cadet, Stratford Eagles and Danielson Composite squadrons.

Members of the Danielson squadron also completed a safety project for the conference.

Seminars on the Hubble space telescope and model rocketry were attended by senior members and cadets. The rest of the seminars, though, separated cadets and senior members.

Seminars for cadets included a leadership lab, open forum and quiz bowl. Seminars for senior members were held on communications, emergency services, senior programs and aerospace education.

During the conference, several Connecticut Wing members and squadrons were honored for their performance.

Among those honored were: Capt. Roger Provost, Danielson Composite Squadron, squadron commander of the year; 103rd Composite Squadron, squadron of the

year; Maj. Scott Varrick, senior member of the year; and Cadet Lt. Col. Erica Schindler, cadet of the year.

Commander's Commendations were presented to: Capts. Peter Carroll, Provost, Matthew Valleau and Vladimir Petruniw; and 1st Lts. Martin Sullivan and Jack Shapiro.

The members of the wing took the opportunity to honor Lt. Col. Lawrence Fraser, who served as the Connecticut net control officer until he passed away earlier this year.

His call sign, "Charter Oak 45," was retired and a plaque with the call sign on it was made to hang at wing headquarters in his honor. A plaque was also presented to Fraser's wife.

Mike Pienkosz

CONNECTICUT —

Cadets and senior members of two Connecticut Wing squadrons helped with an annual hot air balloon weekend.

Members of the Northwest Hills and Charles K. Hamilton Composite squadrons helped the event staff of the Seventh Annual Goshen Balloon Fest and Craft Fair, held in Goshen, Conn.

The event's main attraction was the hot-air balloons, but there was also a petting zoo, a variety of vendor displays and amusement park-type rides.

The representatives of the Northwest Hills squadron arrived first, and spent Friday night parking cars and keeping personnel on watch throughout the night.

The 13 Northwest Hills squadron members were joined by the about seven members of the Hamilton squadron on Saturday.

Members of the two squadrons spent Saturday directing parking-area traffic and helping inflate balloons.

Poor weather on the final day of the event made balloon-launching unsafe. The festival did not shut down, though, and the members spent the day assisting with parking-lot duties.

*Cadet Tech. Sgt.
Mark Genarelli*

MAINE — Down East Patrol Squadron cadets helped make a Bangor, Maine, air show a success.

The night before the air show kicked off, cadets took part in a barbecue with the famous U.S. Navy Blue Angels. They also helped people with disabilities and children from the Make-A-Wish Foundation take a behind-the-scenes tour of the facilities and the aircraft in town for the show.

The day of the show, the cadets worked to keep the spectators safe. They helped keep people out of restricted areas, rendered first aid, kept people from smoking on the flight line and provided directions to spectators not familiar with the base.

During the show, Cadet Airman Joshua Norris helped care for an air show attendee who collapsed, assisting the person until emergency medical technicians arrived on the scene.

The following cadets assisted with the air show: Tech. Sgt. Brian Norris; Airmen Joshua Norris, Douglas Greenhalgh, Michael O'Halaran and Kenneth Stock.

The cadets were supervised by 2nd Lt. Jean Boynton.

Jeff Pierce

NEW HAMPSHIRE —

New Hampshire Wing cadets met in Concord, N.H., in June for a model-rocket launching competition.

The New Hampshire Wing competition — originally scheduled for May, but delayed because of poor weather conditions — was held on the grounds of the New Hampshire Technical Institute.

This time, the weather was perfect and members of nine squadrons participated while family and friends watched.

There were three separate competitions which were part of the overall contest. The first competition used single-stage Gemini rockets and the goal was to achieve the highest altitude. Cadets competed as a squadron, and the Concord Composite Squadron took first place, with the Manchester

Cadet and Seacoast Composite squadrons in second and third.

The second competition was for a two-stage Mongoose rocket, once again judged on altitude. The Lebanon Composite Squadron took first place, with Concord and Seacoast in second and third place.

The third competition involved trying to hit a specified target using Astrosat LSX rockets. Each rocket deployed two satellites, and the squadron who got their satellites closest to the target won.

The Monadnock Composite Squadron, the only team to hit the target, won first place. Their satellite came 5 1/2 feet from the target.

The Concord squadron came in second, with a hit about 60 feet from the bull's-eye, and Seacoast came in third with a distance of 61 feet.

The rockets for the competition were purchased with drug demand reduction funds by Lt. Col. Lesley Fawcett, New Hampshire Wing DDR administrator.

During a break in competition, a guest from the Concord Aero-Guidance Society, a local radio-controlled model airplane club, put on a demonstration and staged a static display.

The awards for the winning squadrons were presented by 1st Lt. Donald Ducharme, New Hampshire Wing director of aerospace education.

Capt. Penny Hardy

NEW HAMPSHIRE —

Four cadet members of the New Hampshire Wing received the Gen. Billy Mitchell Award.

Col. Kenneth J. Herman, New Hampshire Wing commander, presented three of the awards during a commander's call. The three cadets to receive the awards were: Tracy J. Ianuzzi, Monadnock Composite Squadron; and Timothy J. Harper and Jeremy Swanson, Nashua Cadet Squadron.

Herman presented the fourth award to William C. Banakos during an open house hosted by the Seacoast

Coast to Coast

The purpose of the Coast to Coast section is to provide publicity for the achievements of Civil Air Patrol members involved in CAP activities at the unit, wing and region levels. Submissions should be sent no later than 45 days after the event via e-mail to capnews@capnhq.gov or the via the U.S. Postal Service at the following address: Coast to Coast, Civil Air Patrol News, 105 South Hansell St., Maxwell AFB, AL 36112-6332. The submission deadline is the third Monday of the month preceding the month of publication. Photos may be sent electronically or by mail. (See Page 2 for technical details.) For any questions regarding submissions, please call Dan Meredith at (334) 953-5700.

Northeast Region

P.O. Box 2543
Vincentown, NJ
08088-2543

Middle East Region

5904 Lovejoy Ct.
Springfield, VA
22152-1407

Great Lakes Region

629 Fleddermouse
Novi, MI
48374-1106

Southeast Region

P.O. Box 9540
Knoxville, TN
37940-9540

North Central Region

15450 Hangar Road
Room 131
Kansas City, MO
64147-1219

Southwest Region

P.O. Box 292755
Lewisville, TX
75029-2755

Rocky Mountain Region

P.O. Box 371093
Denver, CO
80237-1093

Pacific Region

28835 Lockheed Dr.
Eugene, OR
97402-9500

SHOWING OFF OUR COLORS



This kit-built plane helped the New York Wing's Ulster County Composite Squadron win a first-place award for the most patriotic float in a Memorial Day parade. Squadron members escort the plane down Main Street in Kinsington, N.Y., every year.

Composite Squadron.

The presentation was followed by a change-of-command ceremony, which Herman presided over. During the ceremony, 1st Lt. Dana Merrill officially assumed command of the Seacoast squadron from Lt. Col. Margie L. Sambold.

Sambold had served as squadron commander since 1993.

Merrill previously served as squadron commandant of cadets and vice commander. Three of his children and his wife are active in the Seacoast squadron.

Capt. Penny H. Hardy

NEW YORK — A Buffalo Cadet Squadron senior member was honored by the U.S. Air Force for her service to the country.

The Air Force Commendation Medal was presented to Senior Member Julie M. Sager during the New York State Salute to Women Veterans, an event held at the Connecticut Street Armory in Buffalo, N.Y.

The medal was presented for Sager's performance while serving as a training manager based at McChord Air Force Base, Wash.

The ceremony's guest speaker was retired Air Force Brig. Gen. Wilma Vaught. She spoke about her experiences in the Air Force, and as a cadet and senior member of the CAP.

Maj. David J. Albanese

NEW YORK — A new commander has assumed

command of the Canandaigua Composite Squadron.

1st Lt. John E. Bradley assumed command of the Canandaigua squadron, replacing Capt. William Frost, who held the position for about four years.

Bradley served in a number of staff positions before accepting the commander's position. Included in the positions were: deputy commander, operations officer and aerospace education officer.

Bradley works as a mechanic and union steward for the power engineer section of United Parcel Service.

Frost, in addition to serving as the squadron commander, has been a member of the CAP for 29 years. He is a mechanic and own of Bill's Repair Shop of Honeoye, N.Y.

Stanley A. Skrabut

VERMONT — The cadet commander of the Catamount Composite Squadron stepped down to begin training in the U.S. Air Force.

Cadet Capt. Corey Lobdell officially turned over the cadet commander role to Cadet 2nd Lt. Tony Losavio shortly before leaving for basic training at Lackland Air Force Base, Texas.

Lobdell, who served as commander for 14 months, has been a CAP member for four years. After turning over command, he switched his membership status from cadet to senior member.

In the past, Lobdell served

as cadet executive officer of the Vermont Wing cadet leadership encampment, was runner-up for the Vermont Wing cadet of the year and was named cadet communicator of the year during the last wing conference.

While in the Air Force, Lobdell hopes to become an aircraft crew chief.

Losavio has completed the Vermont Wing cadet leadership encampment as part of the inspector general staff.

Kevin Stuart

MIDDLE EAST REGION

COMMANDER
COL. GENE D. HARTMAN

DELAWARE ★ MARYLAND
NATIONAL CAPITAL ★ NORTH
CAROLINA ★ SOUTH CAROLINA
VIRGINIA ★ WEST VIRGINIA

MIDDLE EAST REGION

— Eighteen cadets completed the 16th Annual Middle East Region Cadet Leadership School.

Six of the graduating cadets received awards for their performance during the school. Four of those six were from the South Carolina Wing.

The four South Carolina cadets were: Brandon Harmon, drillmaster; Kelly Bryers, commandant's award; James Niver, honor graduate; and Jennifer Fauth, class leader.

The other two cadets who were honored included Master Sgt. Marion V. Weaver, Maryland Wing, distinguished graduate; and Stewart Sibert, communicative skills award.

Graduation certificates were presented to the following cadets: Richie Young, Jeffrey Cobble, Neil Kester, Chris Fehrenbacher, Cleo Lamkin and Megan McKenzie, South Carolina Wing; Kevin Writt and Benjamin Kimes, West Virginia Wing; Chris Dunaway and Matthew Looney, Virginia Wing; and David Forman, Maryland Wing.

During the school, the cadet honor guard performed at a ceremony held at a Seymour-Johnson Air Force

Base, N.C. park that was dedicated to the Korean War veterans of the U.S. Air Force's 4th Fighter Wing, several of whom were at the ceremony.

Lt. Col. Jim Carr

MARYLAND — Several cadets and a few senior members of the Carroll Composite Squadron took on the high-ropes course at Hashawa Environmental Center.

The course is laid out 20 feet above the ground, but is safe and sturdy.

Navigating the course meant traveling up cargo nets, through a cargo net "cave" and past other obstacles.

To complete the course, the cadets had to trust the equipment and the instructors. They also had to help each other and rely on teamwork.

While many of the cadets said it was difficult and took courage, they also agreed that it was worth the effort.

"I'm glad I did it," said Cadet Tech. Sgt. Patrick Leduc, "it was actually fun!"
Cadet Airman 1st Class Missy Allen

MARYLAND — Cadets of the Carroll Composite Squadron had the chance to see two four-legged police officers in action.

Two Maryland State trooper K-9 units visited the squadron cadets to put in a demonstration of the dog's abilities. Corporals John Carhart and Eric Fogle, along with their dogs, Ajax and Angel, taught the cadets about their unique jobs.

Carhart and Ajax showed what a well-trained K-9 could do to a threatening human when aiding the officer in capturing a suspect.

Discipline and training are two of the most important tools for K-9 officers, whose dogs must obey every command without hesitation.

The favorite demonstration for many of the cadets was when Fogle, wearing a protective coat, was attacked by Ajax, based on a command from Carhart.

Incentive for Ajax to obey comes from access to his favorite toy. When he obeys, he is allowed to play with his toy.

Later in the evening, Fogle introduced Angel, a bloodhound. Unlike Ajax, Angel is

not trained to act violently and would never bite or harm a human for any reason. His job is trailing on search and rescue operations. His keen sense of smell.

Fogle and Angel demonstrated for the class how a typical search and rescue would begin and end. Angel was given a scent to follow, and found the target in very little time. Using the dog took a fraction of the time it would take using a conventional human search.

Both officers provided cadets the opportunity to find out more about search and rescue operations and how they are handled more efficiently with the use of properly trained dogs.

The cadets were interested in the demonstration, too. "I thought it was cool — it kept my attention," remarked Cadet Staff Sgt. Matt Ensor, an attendee.

Cadet Tech. Sgt. Chris Livermore

NORTH CAROLINA — A Johnson County Cadet Squadron was honored for his academic success throughout high school.

Cadet Maj. David Ryan Carroll was selected as a national merit scholar for the year 2000 by the National Merit Scholarship Corporation.

Carroll was selected for the honor based on his academic abilities, potential for success in college and successful completion of the preliminary scholastic aptitude test. The test, commonly referred to as the PSAT, is used for the initial screening of entrants. Those who have the highest scores in each state are named semifinalists.

To move to the finalist stage, Carroll had to have an outstanding academic record, get an endorsement from his high school principal and submit scholastic aptitude test results that confirm the information obtained from the PSAT.

Included in the scholarship application Carroll submitted was school files, information about the student's educational goals and interests, as well as a listing of extracurricular and community activities he was involved in.

As a cadet, Carroll regularly attended squadron meetings, went to the cadet officer school and National

Blue Beret. He also travelled to the Netherlands as part of the International Air Cadet Exchange program in 1999.

He accepted the Arizona State University Merit Scholarship and will attend ASU's Barrett Honors College this fall.

The Barrett Honors College at ASU is a selective, small undergraduate college within the university responsible for recruiting academically outstanding undergraduate students.

The ASU merit scholarship provides a full waiver of tuition for four years, as well as an annual stipend of \$3,500.

Carroll plans on pursuing a degree in computer engineering and chose ASU for its outstanding facilities and reputation in that field.

Maj. Dave Carroll

SOUTH CAROLINA — A senior member of the Columbia Composite Squadron was honored for his contribution to education.

Lt. Robert D. Rose of the Columbia Composite Squadron was recognized by EdVenture of South Carolina for his contribution to elementary education.

EdVenture is a statewide program designed to teach children about the diversity of career and educational opportunities available to them.

Rose taught a course on preventive search and rescue to 25 children. The course, developed by the National Parks Service, provides children, ages 6 to 12, with information on what to do if they become separated from their parents or guardians on an outdoor trip.

He offers the children advice on what to carry in case they get lost, what they can do to speed up their rescue, and how to survive until they are found.

Rose also teaches courses on orienteering at a local technical college, as part of the Lexington County parks program and within the CAP program.

Maj. Emerson Smith

VIRGINIA — Members of the Virginia Wing proudly accepted delivery of the Wing's newest addition.

Under the organization of Fred Hayman, CAP national glider program coordinator,

members of the Virginia Wing took delivery of a new L-23 Super Blanik glider.

Once the plane is assembled, flight-tested and receives Federal Aviation Administration certification, wing cadets will be able to take orientation flights. The plane will be kept at the Front Royal Airport near Winchester, Va.

Hayman and Jim Kellett, also a Virginia Wing senior member and flight instructor, will work with Bill Bentley, the chief tow pilot of the Skyline Soaring Club.

Once all the details are worked out, CAP will be able to use the Skyline club's tow-plane, with a dedicated CAP tow-pilot, to fly the new glider.

The L-23 Super Blanik is a two-seat all-metal glider built in Europe.

Lomer E. Elkins

VIRGINIA — Newport News Composite Squadron members helped an area church feed families in need.

The cadets and senior members assisted the Ocean View Presbyterian Church of Ocean View, Va., with their "Fishes and Loaves" food ministry.

The ministry is a food distribution program created to provide families which are eligible for U.S. Department of Agriculture food. Each eligible family gets the USDA food, as well as a bag of groceries purchased by the Ocean View church.

The Newport News squadron helped load, unload, package and transport the food to two locations in the Ocean View/Norfolk, Va., area.

Under direction of Ocean View church members and squadron senior members, squadron cadets delivered the food to more than 200 low-income families in two apartment complexes.

The "Fishes and Loaves" program began in 1998 as an extension of the church's food closet and senior members have worked with the church from the beginning. They have help distribute more than 3,800 boxes of food to more than 200 individuals each month.

Ocean View Presbyterian has received awards from an area food bank association, as well as an area volunteer organization, because of the program.

The following cadets participated: Maj. Ted



Above: the newest addition to the Virginia Wing's glider program sits at its new home, the Front Royal Airport in Front Royal, Va. Once the glider is assembled, it must receive Federal Aviation Administration certification and pass flight testing. Once all is done, the glider will be used for orientation flights.

Left: Cadets of Virginia Wing's Winchester Composite Squadron help unload the wing's new Super Blanik L-23 glider. Pictured are, from the left, Benjamin Olech, Christopher Kosko and Eric Mutter.

German; 2nd Lt. Daniel Tomaino; Chief Master Sgts. Casey Roberts and Jonathan Gayfield; 1st Sgt. Deshaun Brandy; Master Sgt. Samuel German; Tech Sgts. Kimberly Barkley, John Gill and Walter Winnington; Staff Sgts. Walter Hamilton, Mack Lewis, Steven Sheridan and Tamara Senter; Senior Airmen Danielle Cassell, Ryan Link and Christian Monge; and Airmen Adam Foley, Carl Jones, Mark Hostetler, Richard Lewis, Christopher Mangus, Brandon Moore, Mary Polak and Keith Wilson.

The senior members who participated were: Lt. Col. Robert I. George; and 1st Lts. Shelva J. George, Kenneth A. Bouchard and Andrew Cullipher.

Squadron members also had help from their family members. Included were: Amy Foley, Donna Mangus, Denise Mangus and Bill Link.

Lt. Col. Robert I. George

VIRGINIA — More than 260 children and adults in the

Carrollton, Va., area participated in Aerospace Discovery Day.

The event, held at the Carrollton Library and presented by the Science Museum of Virginia, featured several one-hour seminars on aerospace topics.

The topics included: the Bernoulli Principle and the forces of flight, rocket propulsion, meteorology and aerospace structures.

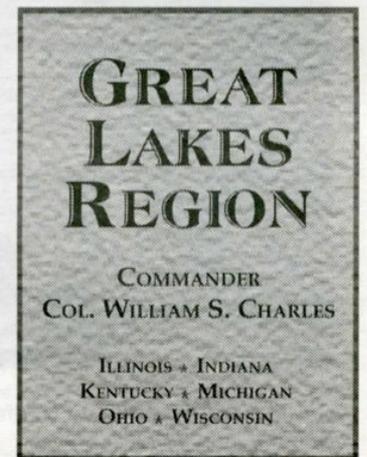
Hundred of people visited the Virginia Aviation Museum AirMobile traveling exhibit, also on site for Aerospace Discovery Day. The exhibit houses historical displays, a working wind tunnel, weather station and interactive flight simulator.

Cadets from squadrons in the Richmond, Va., area, as well as local Junior ROTC cadets, assisted with interpretation of the onboard exhibits.

The event provided cadets the opportunity to give community service by sharing their knowledge of aviation. The cadets also developed their program presentation and

leadership skills through the experience.

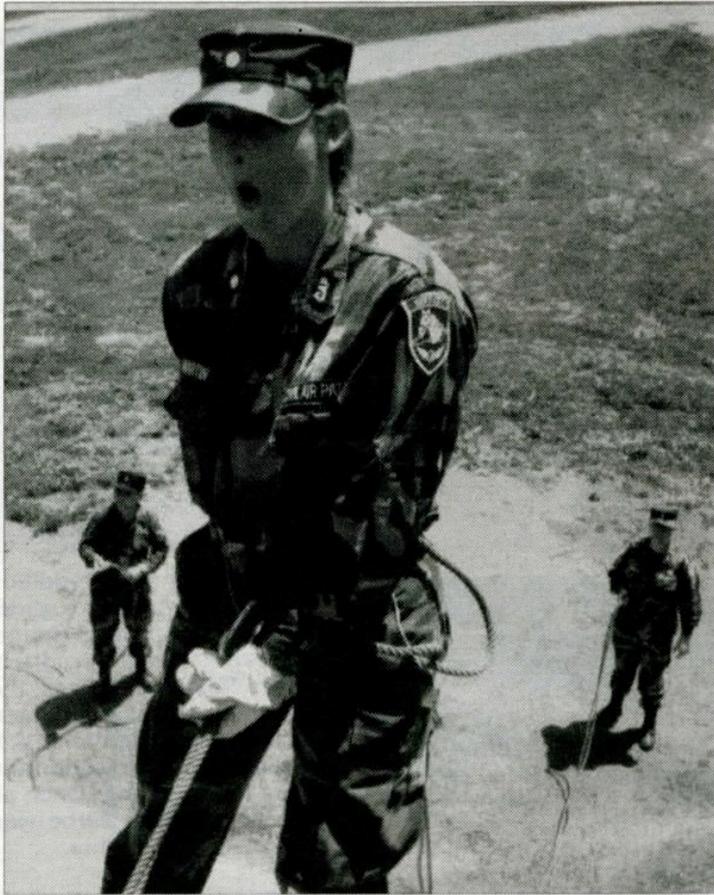
2nd Lt. Hope Reisenwitz



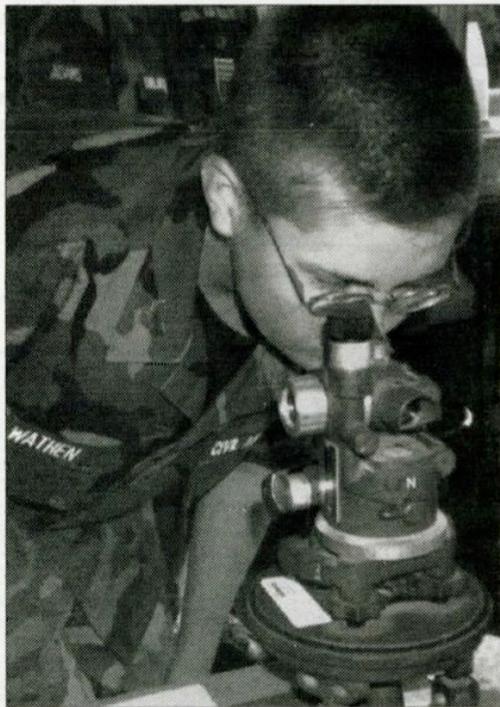
GREAT LAKES REGION — More than 110 people participated in the Great Lakes Region annual summer encampment at Camp Atterbury, Ind.

The 110 were from the CAP, U.S. Army and U.S. Air Force. The CAP members represented the Indiana, Iowa,

COAST TO COAST



Above: Kentucky Wing Cadet Debbi Martin shows her concern while rappelling down a tower during the Great Lakes Region summer encampment. The encampment was held in Indiana at Camp Atterbury.



Left: Kentucky Wing Cadet Michael Wathen watches an A-10 Warthog bombing run through a Range Finder at the Camp Atterbury Live Fire Range.

Kentucky, Michigan, North Carolina and Ohio wings.

During the encampment, cadets received training in aerospace education, first aid, leadership, physical fitness and rappelling.

The cadets began the week with a tour of Atterbury Army Airfield and the base military history museum. On the tour, the cadets saw several U.S. Army aircraft and

vehicles, including a UH-60A Blackhawk, UH-1N "Huey" helicopters, M41 and M60 tanks, an "Honest John" ground-to-ground nuclear rocket, and M105 and 110 field artillery cannons.

The armor and missile displays are part of the Camp Atterbury military museum. The museum has a variety of military equipment dating back to World War II, Korea,

IndoChina and Southwest Asia. The museum is a tribute to the men and women from Indiana who served in the U.S. armed forces.

Camp Atterbury first opened in June 1942 as a training base for the Indiana National Guard. During World War II and the Korean War, the camp served as a mobilization base for several different infantry divisions.

The Region members who participated also trained on the land navigation course, obstacle course and rappelling tower. Some of the specific classes included: compass reading, map orientation, terrain association, knot-tying and basic rope control.

During the encampment, a ground team was requested to search for an emergency locator transmitter signal. Selected were: Capt. Rob Hay, along with cadets Alan Caudil, Charles Dry, Adam More, Beth Mortenson, Cody Willett and Justin Burg, all from the Golden Armor Composite Squadron.

The signal was coming from Mount Comfort Airport, and had been activated by an electrical storm the previous night. The team located the transmitter and notified the local sheriff, who disarmed the device.

More than 50 family members, friends and dignitaries attended the graduation. The guest speaker was Lt. Col. Richard Baird, Camp Atterbury's deputy post commander.

The Indiana Wing's Maj. Gary L. Brockman, encampment commander, presented a few awards to those who excelled during the encampment.

The awards presented included: Delta Flight, honor flight; Cadet Master Sgt. Daniel Adams, Kentucky Wing, honor cadet; and Cadet 1st Lt. Phillip Faust, Indiana Wing.

Capt. Jayson Altieri

GREAT LAKES REGION

— Eleven cadets from across the United States met with six flight instructors in Oshkosh, Wisc., for the 2000 National Power Flight Academy.

The flight academy goals were to teach the basics of flight to make cadets safer in the air and help them earn their Federal Aviation Administration pilot's licenses.

The weather for the

academy consisted of high winds, rain and thunderstorms, but did not stop nine of the cadets from earning their solo wings.

While in Oshkosh, the cadets and their instructors visited the Experimental Aircraft Association's museum and met the EAA founder, Paul Poberezney.

Poberezney served as the guest speaker at the academy banquet, held at the close of the academy.

The cadets who attended the academy were: David Fishel, Florida; Robert Kamber, Wyoming; Ryan Steslicki, California; Matthew Kartheiser and Tim Stamp, Michigan; Seth Nottingham and Christopher Dyer, Ohio; Julie Thomas and Mark Sanchez, Colorado; William Bach, Virginia; and Edward Kurnat, Illinois.

The pilot instructors were: Col. Lawrence W. Stys, Wisconsin; Lt. Col. Luca Bencini-Tibo, South Carolina; Lt. Col. Keith Flanagan, Minnesota; Maj. Lavern Syring, Wisconsin; and Capt. Charlie Mazzulla, Wisconsin.

The ground school instructor was Capt. Dick Kildow, Wisconsin.

OHIO — Six members of the Wright-Patterson Composite Squadron paid tribute to America's Vietnam veterans as a traveling memorial stopped in Vandalia, Ohio.

The members visited the Traveling Vietnam Wall, an exact three-quarter scale replica of the original Vietnam Wall in Washington, D.C. The original wall is the most-visited monument in our nation's capitol.

The traveling wall provides those who cannot make the trip to Washington to view the more than 58,000 names inscribed on the original monument. The names represent every American killed or declared missing in action in the Vietnam war, which was fought from 1960 to 1975.

The traveling wall is made of easily assembled aluminum sections, which allows it to be transported in a single trailer to hundreds of cities across the country.

The Wright-Patterson members used computers to provide the exact location on the wall of the names the visitors were looking for.

Having directions saved the visitors time and allowed them to find the names of those they knew who did not come back from Vietnam.

The volunteers also handed pencils and special papers on which to trace over the engraved names of those whom they came to honor, as is done at the full-sized version.

Wright Patterson cadets who assisted with the exhibition included: Airmen Eddie Crowe, Joshua Desaulniers, Larry Griffey and Jordan Roberts. The senior members who helped were Capt. Danny Robinson, squadron commander, and Master Sgt. Jim Walker.

Robinson said of the event, "This was a very humbling experience for all of us who participated. We soon realized how much our efforts were helping the visitors, especially the Vietnam veterans and their families. I think we helped them find a means of coming to terms with a terrible time in their lives."

Master Sgt. James E. Walker

INDIANA — More than 80 Indiana Wing members participated in a weekend search and rescue exercise in Mount Comfort, Ind.

During the exercise, a total of 34 sorties were flown with eight CAP aircraft, while three ground teams searched on the ground.

Several of the cadets who participated earned their emergency services qualifications, while the senior members trained in ground and air operations.

The first day of the exercise, Lt. Col. David Hunter ran air operations and 1st Lt. Bob Chance directed the flight line.

Lt. Col. Bob Chapman, a certified flight instructor, flew training missions during the night to provide night training flights for all participants. He also served as a flight line officer on Saturday and conducted flight line training for the cadets.

Capt. Norm Chance helped get the Fort Wayne Senior Squadron's airplane back in the air after the plane experienced mechanical problems. The work took about seven hours, many of which Chance spent lying on the floor in the heat inside the plane.

Capt. Karen Weinkle

SOUTH EAST REGION

COMMANDER
COL. JOSEPH C. MEIGHAN JR.

ALABAMA ★ FLORIDA ★ GEORGIA
MISSISSIPPI ★ PUERTO RICO
TENNESSEE

ALABAMA — Almost 30 members of two Alabama squadrons went along on an in-flight refueling mission.

Members of the Redstone Composite Squadron, Huntsville, Ala., and the Decatur Composite Squadron, Decatur, Ala., flew along with the Alabama Air National Guard's 117th Air Refueling Wing.

Thirteen senior members and 14 cadets rode by bus from Huntsville to Birmingham for the early morning briefing and flight aboard a KC-135 Stratotanker.

The flight lasted three hours, during which time three F-15 Eagles were refueled. The mission gave the cadets an opportunity to observe an in-flight refueling and to see military aircraft up close.

The first leg of the flight was from Birmingham to the Gulf Coast. All passengers were allowed to visit the boom operator's station and the cockpit, and to explore the interior of the jet. While moving around in flight, everyone had to carry their oxygen masks in case there was an emergency decompression.

During the actual refueling process, the members cycled through the boom operator's station to see the refueling, listen to the radio conversations between the planes, and see the F-15s from a different vantage point.

During the return leg of the flight, the boom operator allowed the members to operate the boom. The boom operator also demonstrated the control surfaces on the boom which, when the boom is extended, can actually steer

the KC-135, and are there to help the plane needing fuel and the refueler to connect.

The flight was arranged by Brig. Gen. Stanley L. Pruett, assistant adjutant general for the headquarters of the Alabama Air National Guard, a member of the Redstone squadron.

2nd Lt. Ed Crankshaw

GEORGIA —

Seven members of the Walton County Composite Squadron joined other Georgia Wing members for an airlift to San Antonio.

The group, which included Georgia Wing members from Walton, Gwinnett and Cobb Counties, took-off from Dobbins Air Reserve Base, Ga. They flew by C-130 to Kelly Air Force Base, Texas.

In Texas, the group members toured the Alamo and other popular tourist sites,



Reenactors at the Admiral Nimitz Museum reenact an attack on a Japanese pillbox, giving a hint of what World War II was like to spectators, including members of Georgia Wing's Walton County Composite Squadron.

then headed to Randolph Air Force Base for an air show.

The U.S. Air Force Thunderbirds and U.S. Army Golden Knights performed at the air show, along with other groups and individuals. Static displays were also setup, featuring a variety of aircraft.

The high point for many on the trip came when several

members of the Walton County squadron posed with the Thunderbird pilots and crew members in front of one of their F-16 Fighting Falcons. Included in the picture were the following cadets: Christopher Bowles, Laci Hewell, Kevin Spears, Jason Stribling and Daniel Thrash.

Senior members who met with the Thunderbirds included

Georgia Wing Goes High-Tech

GEORGIA — The Georgia Wing combined technology, training, and fun as squadron cadets gathered for the Georgia Wing Encampment 2000.

Using technology to boost recruiting and morale, encampment coordinators created a Web site just for the summer encampment, held in Savannah at the Combat Readiness Training

Center.

The Web site was updated on a daily basis with news and photos taken during the day with digital cameras. Concerned parents, as well as other family and friends, could use their computers to see photographs of what the cadets were doing days before the cadets returned home to tell them about it.

The encampment schedule consisted of training and classes in aerospace education, emergency services and moral leadership.

According to encampment public affairs officer 2nd Lt. Annette Schimmelman, Georgia Wing Group 1, "Training is what the encampment is all about. Each staff member had an obligation to learn as much as possible to offer the highest quality of training to others."

The goal of the encampment was to develop cadets and senior members in several areas. Specific objectives were to: enhance and develop leadership, relationships and teamwork; inspire a sense of discipline; challenge individuals to excel; and motivate all who attended.

During the day, cadets participated in events such as physical training, classes and demonstrations, emergency services exercises, model rocket building and



Georgia Wing cadets complete their "carrier qualifications" by diving across a tarp covered with oil and sliding into a pile of flour. This event was just one leg of the relay race that made up the "dirty games."



Georgia Wing's Cadet Kyle Chappius, one of the encampment's top marksmen, tries his hand with a Browning Automatic Rifle under the watchful eye of Lt. Col. Terry Madden.

launching, and orientation flights.

Trips were made to Hunter Air Force Base and Fort Pulaski for tours.

The public affairs staff was responsible for taking photos, writing captions and information, and updating the Web site. Schimmelman was supported in this effort by the following cadets: Senior Airman Josh Vickers, Capt. Dan Upshaw and 2nd Lt. Jacob Holloway.

"I had an awesome, talented staff of cadets with the same expectations and goals for the encampment . . . It was a superb learning experience for all of us. Plus, we had a great time!" said Schimmelman.

2nd Lt. Annette Schimmelman



Members of Georgia Wing's Walton County Composite Squadron pose with members of the U.S. Air Force Thunderbirds demonstration team. Squadron members are, from left: Lt. Col. John Goza, Capt. Dolores Thrash, and Cadets Jason Stribling, Kevin Spears, Laci Hewell and Daniel Thrash.

Lt. John Goza Jr., and Capt. Dolores Thrash.

After the show, the group stopped at Lackland Air Force Base, where many aircraft were on display. Much of aviation history is represented there, from World War II-era planes to modern aircraft.

One of the final stops for the group was a tour of the Admiral Nimitz Museum in Fredericksburg, Texas, where they saw a "living" program. For a "living" program, volunteers dress in World War II uniforms and describe life for various service men during the war.

They also show and explain much of the gear and weapons used during the war, by both the Americans and Japanese.

The culmination of the living program was a staged attack on a Japanese pillbox, conducted with blanks fired from the weapons previously demonstrated.

Capt. Dolores Thrash

MISSISSIPPI — Cadets and senior members from across Mississippi joined together for a weekend ground team exercise.

The exercise, called "BLUECAP" because it was designed to simulate the actual missions known as "REDCAP," were held deep in the Tombigbee National Forest and hosted by the Golden Triangle Composite Squadron.

Intermittent rain showers which lasted Saturday and Sunday left the exercise site muddy. The rain, which came down without accompanying thunderstorms, did not stop the training.

Once at the site, members set up camp. No modern facilities were available. Like a real-world lost plane search, the members only had what they brought with them.

Due to the inclement weather and other exercises, no air-to-ground coordination was available during the weekend.

Participants were able to see firsthand the effects rain can have on an electronic search. They learned that leaves can scatter and reflect an emergency locator transmitter signal, and wet terrain tends to reflect more signals than dry terrain. The conditions led to challenging direction-finding situations.

Those who attended BLUECAP also participated in a night exercise and were trained in the utilization of visual clues as pieces of the puzzle. Basic survival, woodsmanship and land navigation skills were crucial to the successful completion of the exercise.

Other subjects for training and instruction included the use of global positioning systems and slow scan television, monitoring vital signs such as blood pressure,

respiration and pulse rate.

Participants from the Jackson Composite Squadron were: 1st Lts. Heath Calhoun, and Catherine Nations, and Lt. Col. Eckhard Stuart.

Golden Triangle squadron cadets who participated were: Master Sgts. Jonathan Headley and Dustin Pumphrey; Sgt. Chris Pumphrey; and Airmen Del Sidebottom and William Knowles.

Golden Triangle squadron senior members included: Wyndell Sidebottom, chaplain; Sonny Smith, forward observer; and Capt. Scott Lanis.

Capt. Scott Lanis

MISSISSIPPI — A senior member of the Golden Triangle Composite Squadron detected an emergency locator transmitter while monitoring his radio.

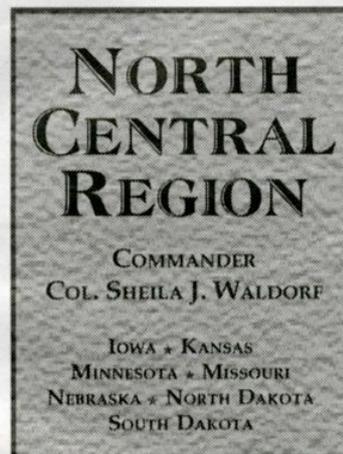
U.S. Air Force 1st Lt. Scott Lanis, who was monitoring the radio as part of his duties when he heard the ELT signal, had the signal checked by airborne aircraft who verified that the signal was an ELT signal.

Lanis suspected that the source of the signal was a beacon packaged into one of hundreds of parachutes on the base. When he called to check with the shop where the parachute beacons and other life support equipment are maintained, however, he found the signal was not coming from a parachute beacon.

He then went to the Civil Air Patrol building on base and picked up the Golden Triangle squadron's direction-finding equipment. He also got help from Air Force Capt. Glen Rybacki, a T-37 "Tweet" instructor pilot.

The officers quickly narrowed the search down to a maintenance hangar for training aircraft. The signal was eventually tracked to a Beechcraft T-1A Jayhawk Herbivore which was undergoing routine maintenance. They turned off the transmitter.

Capt. Scott Lanis



IOWA — Members of the Iowa and Nebraska wings held a joint operations exercise on the banks of the Missouri River between Omaha, Neb., and Council Bluffs, Iowa.

Col. John Rooney, North Central Region director of operations, served as incident commander.

The Nebraska Wing worked with the U.S. Coast Guard on the video-imaging of traffic on the Missouri River. The Iowa Wing worked with the Council Bluffs Fire Department and Red Cross on video-imaging railroad cars and housing areas.

Training scenarios included missing aircraft, grid and route searches, missing persons and emergency locator transmitter searches for missing aircraft. All exercises went well, despite the hot temperatures.

1st Lt. Julia Bachtell

IOWA — An East Iowa Cadet Squadron cadet took part in a memorial service for a World War II flying ace.

2nd Lt. Shea Daniels was among several people who delivered speeches in memory of Bill Reed, a resident of Cedar Rapids, Iowa, who

became an ace while flying over China as a volunteer with the famous Flying Tigers.

More than 750 people attended the ceremony, held at the Eastern Iowa Airport in Cedar Rapids. Members of the American Legion Post 298 posted the colors to start the event, as a band from Marion High School, Reed's alma mater, played the National Anthem. Members of the Iowa Army National Guard rendered a 21-gun salute.

The event was topped off with a fly-by by a B-25 Mitchell. The bomber, named "Barbie," is the only example of the H-model B-25 still flying. The plane was also the second aircraft off the production line.

Reed was born in Stone City, Iowa. He joined the U.S. Army Air Corps in 1935 and became a lieutenant colonel just before he was forced down over China and shot by the Japanese. During his time of service, Reed shot down or destroyed 16 enemy aircraft and received the Distinguished Flying Cross.

Daniels summarized Reed's contribution when she said, "World War II was fought and won by people like Bill Reed. He made the ultimate sacrifice, but showed that one man and one town can make a difference."

Cadet Tech. Sgt. A.M. Church

IOWA — Award and promotions were presented as Central Iowa Composite Flight members held their first dining-out ceremony at the Iowa State Center in Ames, Iowa.

During the ceremony, Col. Kenneth Schindele, Iowa State U.S. Air Force ROTC detachment commander, presented the Carl A. Spaatz Award to Capt. Douglass Jansen.

Jansen was the first in Iowa in more than six years to earn the award.

Other awards were presented to: Lt. Col. Brian Elfstrom, Air Force Association outstanding cadet and Central Iowa flight cadet of the year; Tech. Sgt. Justin Pederson, Air Force Sergeants Association cadet noncommissioned officer of the year; and 2nd Lt. Chris Ludwig, senior member of the year.

Suzanne Tomlinson, aerospace education officer, and John Halbrook, Central Iowa flight commander, were promoted to captain.

Also during the event, Col.

Rex Glasgow, Iowa Wing commander, presented the Central Iowa Flight's official unit charter to John Halbrook, flight commander.

Capt. Mark Kickbush of the Iowa Air National Guard's 132nd Fighter Wing was the guest speaker.

Capt. Dough Jansen

MINNESOTA — The cadets of the Minnesota Wing honor guard and the Red Wing Composite Squadron color guard joined together to remember America's veterans.

The two groups marched in the annual Red Wing Memorial Day procession. The units marched with those from other military and paramilitary organizations, as well as the Red Wing High School marching band, to the center of town.

At the center of town, a wreath was presented at the monument dedicated to those from Houston County, Minn., who died in war.

After presenting the wreath, the marchers proceeded to Memorial Park for the main ceremony. During this ceremony, the mayor of Red Wing and other dignitaries read the Gettysburg Address and honored those county veterans who passed away since the previous Memorial Day.

Three volleys fired from a Civil War-era cannon brought the ceremony to an end.

Cadet Jack Houck is honor guard commander. The honor guard cadet members are: Josh Gulbranson, Chris Stewart, Justin Diercks, Aaron Sicluna and Nolan Teel.

Peggy Schnack is the honor guard advisor.

2nd Lt. Marcel A. Derosier

MISSOURI — A cadet from Germany was presented a flight scholarship from the Air Force Sergeant's Association during a meeting of the Richards-Gebaur Composite Squadron.

The 2000 AFSA flight scholarship was presented to Staff Sgt. Christoph G. Santel, a German resident currently living in Missouri, during a regular squadron meeting.

"Considering the historical and military circumstances under which CAP was formed, a cadet from Germany receiving a flight scholarship by the Air Force Sergeant's Association today is truly

remarkable," said Hans Santel, Christoph's father.

Santel joined the squadron in 1998. His father and mother, Hans and Helga Santel, are from Leverkusen, near Cologne and Dusseldorf, Germany. They moved to Overland Park, Kan., because Hans Santel works for Bayer's agricultural division.

Before coming to America, Santel was in the German National Junior Firefighter's Association, an organization similar to the Explorer program of the Boy Scouts of America.

"Unfortunately, we don't have anything like CAP in Germany that supports youth in aviation or the military," said Cadet Santel.

The flight scholarship was presented by Gerald D. Henklemeyer, Kansas City AFSA chapter president, and Jay Hyde, senior advisor of AFSA Division 8 and chapter secretary. The Kansas City chapter has about 1,500 members.

"We are fortunate that Col. Bill Winkert, former Missouri Wing commander and AFSA member, directed us to CAP and its cadet flying program," said Hyde. "We are glad to see it (the money) achieving the purpose we envisioned for the third consecutive year."

Cadet Santel said he planned to use the scholarship in Portland, Ore., for the glider encampment. He explained that powered flying in Europe is very expensive, but gliding is affordable and more prevalent.

Santel will start his ninth grade year at Leawood Middle School in Shawnee, Kansas in the fall, and will go back to Germany with his family in the summer of 2001.

He hopes to get a job in aeronautics in the future.

Lt. Col. Gary Gregory, squadron commander, spoke highly of the cadet. "Cadet Staff Sgt. Santel is a ... fountain of aviation information, a very dependable noncommissioned officer and truly deserving of the chance to achieve his goal of being a pilot," he said.

Lt. Col. Gary W. Gregory

MISSOURI — Twelve senior members from the Missouri and Kansas wings participated in the Missouri Wing's annual corporate learning course.

The course was held at Whiteman Air Force Base, Mo.

The course project officer was Lt. Col. Jeff Wolff, Missouri Wing director of professional development. Capt. Troy Campbell, Missouri Wing's Group 1 commander, assisted.

The Missouri Wing members who completed the course were: Capts. John Papazafirooulos, Bert Brown, Joan Brown and Dennis Gedeon; 2nd Lt. Greg Sykes; and Senior Member Chris Schley.

The Kansas Wing senior members were: Capt. David Deucher and 1st Lts. Rick Holmes and Luis Rivera.

Lt. Col. Jeff Wolff

SOUTH DAKOTA —

Several cadets and senior members of Onida Flight worked with Sioux Falls, S.D., area youth during Space Day.

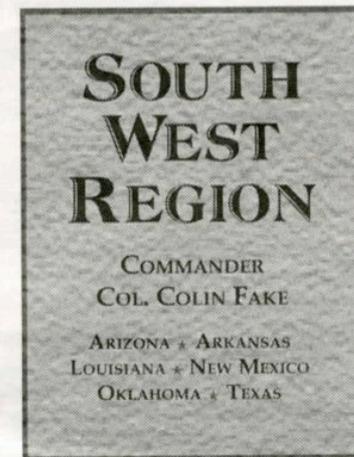
About 3,500 children attended the event, held at Augustana College in Sioux Falls.

The purpose of the event was to get area young people interested in technology and science.

Interactive displays and activities were setup by educational organizations, allowing the children an opportunity to have fun while learning in a hands-on environment.

Onida Flight cadets who participated were: 2nd Lt. Tina McKenney; and Tech. Sgts. Tabitha Moore and Tifany McKenney.

Senior members who participated included Maj. Nancy McKenney and Marlin McKenney.



SOUTHWEST REGION — Members from throughout the Southwest Region attended the Southwest Region Staff College at Kirtland Air Force Base, N.M.

Eighteen region members

attended the event as students, and there was a staff of 16. The seven-day course was held at the Kirtland AFB noncommissioned officer academy in Albuquerque, N.M.

The students represented the following wings: Louisiana, Texas, New Mexico, Arizona and Oklahoma. There was also a member of the Pacific Region's Washington Wing.

The college was designed to assist prospective executives at the squadron level or above to become more effective leaders and managers within CAP.

In order to accomplish that goal, the college did the following: exposed students to the latest in management theory and training; taught them the principles of communication, management and leadership; and, by experience, helped them to understand more fully the value of working as a team in carrying out the CAP mission.

Much of the instruction was conducted by professional U.S. Air Force noncommissioned officer educators on staff at the Kirtland NCO Academy.

Maj. Patricia Brower

ARIZONA — Two Deer Valley Composite Squadron cadets earned their glider wings after receiving instruction from members of Glider Flight 400.

Cadets Master Sgt. Tyler Sepp and Senior Airman Daniel Ventura received the instruction leading up to the solo flights from members of Arizona Glider Flight 400.

Sepp received his

instruction from Lt. Col. Jim Swauger, glider flight commander, as well as instructors Jeremy Stout and Phil Corbell. He has completed a total of 54 glider flights — 34 dual instruction, 15 solo and 4 acrobatic dual instruction flights.

Ventura completed his first solo flight after taking 13 dual instruction flights with Corbell as his instructor. He has also been actively training in a powered flight program.

1st Lt. Steven Miller

ARIZONA — A cadet member of the Paradise Valley Cadet Squadron was honored during the annual Arizona Wing conference held in Mesa, Ariz.

Cadet Col. Brian Curtis Fash, who also received an appointment to the U.S. Air Force Academy's Class of 2004, received the Spaatz award from Congressman J.D. Hayworth of Arizona's 6th Congressional District.

The award was presented during the Arizona Wing's annual conference, held at the Holiday Inn Conference Center in Mesa.

Fash, a CAP member since 1996, graduated from Desert Mountain High School in Scottsdale, Ariz.

While in school, Fash played baseball and lettered in track and cross-country, was a member of the National Honor Society and several other clubs.

Fash is the son of Debra Fash of Scottsdale.

Maj. Patricia H. Brower

TEXAS — Members of the



Cadet Master Sgt. Tyler Sepp of Arizona Wing's Deer Valley Composite Squadron sits in the cockpit of a glider. Sepp is one of two Deer Valley cadets who earned his solo glider wings this summer.

Photo by Matt Maher



Photo by Matt Maher

Cadet Senior Airman Daniel Ventura, left, shakes hands with Cadet Master Sgt. Tyler Sepp. Both cadets are members of the Arizona Wing's Deer Valley Composite Squadron and earned their glider solo wings after receiving instruction from Arizona Glider Flight 400 members.

Jersey Village Composite Squadron trained for disaster relief during an area fund-raising event.

The Jersey Village squadron's cadet ranger team assisted with the Multiple Sclerosis Society's 150-mile, Houston to Austin, Texas, bike ride. About 10,000 people gathered for the fund-raiser, providing real-life crowds and problems for the cadets to learn from.

During the event, the team helped locate a boy who was separated from his family. Within five minutes after a father notified 1st Lt. J. M. Bryant that he could not find his son, law enforcement officials were notified, a quick safety survey of the area was done and the boy was found heading for a dangerous highway.

After the child was returned to his parents, the cadets and senior members resumed training and helped the event staff operate an overnight tent city at the Fayette County, Texas, fairgrounds.

The overnight population for the event was about 8,000, and there were approximately 12,000 pieces of luggage to handle.

→ → →

Several members of the Jersey Village Composite Squadron provided assistance with an emergency rescue when a single-engine plane

crashed.

The squadron members planned on working as mission base staff during a mission generated by the Air Force Rescue Coordination Center at Langley Air Force Base, Va. Before the mission could start, a single-engine, experimental aircraft crashed in the grass at Victoria Regional Airport in Victoria, Texas.

Within a minute of the crash, dozens of CAP personnel were at the crash site, comforting and protecting the trapped pilot.

The pilot, who survived, was eventually freed from the wreckage by a heavy rescue unit.

→ → →

Jersey Village Composite Squadron members provided additional support for a Waco, Texas search for a missing Fort Worth, Texas, pilot.

All of the squadron's available resources went into the search, which was directed by the Air Force Rescue Coordination Center at Langley AFB, Va.

Members of the squadron assisted in several aspects of the search. Lt. Col. Theresa Alexander, team leader for Ground Team Two, and Chris Alexander searched the fields where the plane was eventually found.

1st Lt. J.M. Bryant served as public information officer at the Victoria and Waco mission bases. He also participated in

two ground sorties, including the final one.

Cadet Senior Master Sgt. Jonathon Moore helped train the San Marcos ground team and participated in four ground sorties. Cadet Tech. Sgt. Caitlin Bryant helped with communications at the Victoria and Waco bases, helped train the San Marcos team, and participated in four ground sorties.

1st Lt. J.M. Bryant

TEXAS —

Members of the Randolph and Brooks Composite squadrons participated in one of the biggest events of

the year for San Antonio.

The Fiesta parade, one of the country's largest night parades, attracted a large crowd. About 500,000 people gathered for the event. The San Antonio squadrons were invited to march and took the opportunity to increase public awareness of their units and CAP.

Senior members who participated included: Maj. John Carr, Brooks squadron public affairs officer; Nathan Culpepper, Randolph squadron activities director; Capt. Ed Sundman, Randolph squadron commander; and 1st Lt. Eric Renth, Randolph squadron historian.

Cadets who participated included: Jonathon Sundman, John Wigle, Jennifer Wigle, Jeffrey Archer, Adam Lawrence, Jeffery Trupp, Mark Juarex and Steven Haggerty.

1st Lt. Ric Renth

LOUISIANA — Louisiana Wing members gathered in groups across the state to train for large-scale emergencies.

Under the direction of the wing headquarters in New Orleans, teams of wing members trained at mission bases in Lake Charles, New Orleans, Alexandria, Shreveport, Monroe and Gonzales.

The focus of the training activities was to increase the abilities of wing members to assist the Louisiana Office of Emergency Preparedness during disaster relief situa-

tions.

Participating in the Gonzales exercises were members from the following squadrons: Ascension Parish and Capital City Composite and Baton Rouge Cadet.

During the training in Gonzales, ground teams and aircrews were asked to make reconnaissance missions, using slow-scan and standard video photography, as well as still photography.

Specific jobs included ground and aerial surveys of potential evacuation routes and bridges with special attention to the potential traffic bottlenecks between Baton Rouge and New Orleans.

Barge and ship locations along the Mississippi River were recorded for use in tracking river traffic in potential problem areas after a severe weather event, such as a hurricane. Local airports were also included in the aerial surveys.

The images obtained from the surveys were transmitted by the wing communications network back to the mission base for analysis.

If there had been an actual emergency, the images would have been sent directly to the emergency preparedness office in Baton Rouge for use in the deployment of relief efforts.

→ → →

The Baton Rouge Cadet Squadron and several of its members were recognized during the Louisiana Wing Conference held in Lafayette, La.

The squadron received awards for overall excellence which included: outstanding cadet squadron, wing outstanding squadron and Southwest Region squadron of distinction.

This was the fifth consecutive year the squadron was honored as an outstanding cadet squadron.

The squadron also received an aerospace award for excellence.

The Baton Rouge squadron's public affairs officer, Maj. Linda Muffoletto, received individual honors. She was named public affairs officer of the year for the fourth consecutive term and received a national award for her public affairs efforts.

Several of the squadron's cadets were honored for their

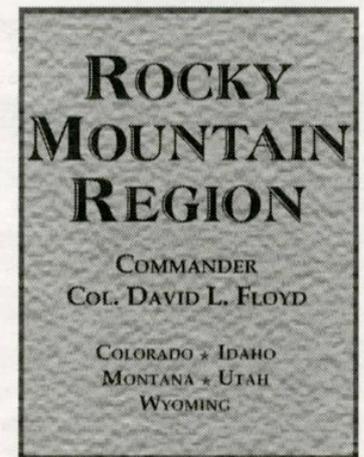
service as members of the Louisiana Wing color guard for the opening of the conference. Included were R.J. Fabre, Alexis Gibson, Ryan Munn and Jacob Kora.

Members of the national championship-winning Louisiana Wing cadet competition team were recognized during the conference awards banquet. Each member of the team and support staff received a Commander's Commendation from Col. Mary D. Berkowitz, Louisiana Wing commander.

The competition team commander, Michele Robichaux of the LeBlanc Cadet Squadron and Capt. Richard Muffoletto of the Baton Rouge Cadet Squadron received meritorious service awards for their contributions.

Baton Rouge cadets honored were: Megan Dubois, Chris Martinez, Will Morrison and Matthew Wroten. Squadron senior members Joe Muffoletto and Linda Muffoletto were also honored, along with cadets and senior members of other squadrons.

Maj. Linda Muffoletto



COLORADO — Five Colorado Wing cadets earned their solo wings during a wing powered flight activity.

The special powered flight activity was held at the U.S. Air Force Academy, Colorado Springs, Colo. Lt. Col. Bob Beabout served as encampment director.

Five cadets made solo flights in Air Force Academy Aero Club Cessna 172s. The five were: Maj. Jeff Martin, Arvada Cadet Squadron; 1st Lt. Matt Doran, North Valley Composite Squadron; 1st Lt. Jamison Walsh and Staff Sgt. Marc Kudlac, Valkyrie Cadet Squadron; and 2nd Lt. Zach Zorn, Douglas Composite

Squadron.

During the event, cadets were taken on tours of the Colorado Springs control tower and terminal radar control facility, as well as the Pueblo Air Museum.

They were also given tickets to Air Force appreciation night at a home game of the Colorado Springs Sky Sox baseball team.

Capt. Tom Morton

MONTANA — Cadets and senior members of the Flathead Composite Squadron helped clean up an area airstrip.

Six cadets and two senior members worked together to clean up and restore Montana Spotted Bear airstrip as part of a three-day camping trip and community service project.

As part of the cleanup efforts, cadets painted airplane tied-down points, installed new wind-sock poles along the airstrip and worked with U.S. Forest Service personnel to stack 16 large piles of fallen forest debris.

Each of the cadets earned eight hours toward a community service ribbon for their participation in the Spotted Bear cleanup project.

The cadets who participated were: Capt. Brandon Adams; Airmen 1st Class Charles Sneddon and Kevin Kalvig Sr. Airman Andrew Reindl; and Airmen Justin Spillas and Michael Rusaw.

The senior members who participated were Capt. Jan Van Hoven, squadron commander, and Lt. Col. Bruce Sneddon.

Diana Sneddon

MONTANA — About 70 members of the Montana Wing met in Missoula, Mont., for the annual wing conference.

The wing glider fly-off was held during the conference, which was hosted by the Missoula Composite Squadron. Cadet Capt. Gordon Marty won the fly-off and received a U.S. Air Force jacket as the prize. Cadet Lisa Smeboken came in second place.

Also during the conference, several awards were given out. Awards were presented to the following cadets: Marty, Torch Award, Amelia Earhart Award and wing cadet of the year; Capt. Karen Flint, Torch Award; and Capt. Trey Starns, Earhart award.

Marty also received an appointment to the U.S. Air Force Academy, and will go as part of the Class of 2004.

UTAH — Members of the Utah Wing took advantage of a large Boy Scout event to spread the word about Civil Air Patrol.

Wing members described CAP to about 20,000 scouts, family members and scout leaders who attended the Great Salt Lake Council's Expo 2000.

The three-day expo was held at the Desert Peaks recreational complex in Tooele County, Utah. The event, which attracted almost 30,000 people, was held to celebrate the new millennium. According to Boy Scout officials, the Expo was a one-of-a-kind event.

2nd Lt. Christopher Marks, Desert Range Senior Squadron commander, organized a CAP exhibit at the expo. Thousands of spectators saw the wing communications van and glider, and various display items and photos.

Cadets from the Blackhawk Cadet Squadron assisted Marks in setting up the exhibit. The success of the exhibit due to the efforts of several wing cadets and senior members who worked together on the project.

Maj. Robert Anderson and Sgt. Joe Diaz, Utah Wing Air Force liaison office, helped the wing get the equipment for the exhibit and helped man the display.

Marks believed the recruiting effort was a success. "We really stood out," he said. "I can safely predict a lot of new faces will be showing up at our meetings across the state."

Wing officials estimate that 200 Scouts looked over the exhibit and took brochures home with them.

Joanne Searcy

UTAH — About 125 people attended a model rocketry seminar sponsored by the Weber Minuteman Cadet Squadron.

The seminar, held at the Hill Air Force Base Aerospace Museum, provided an opportunity for cadets to work toward earning their model rocketry badge as they showed participants how to build rockets.

To prepare for the seminar, the squadron

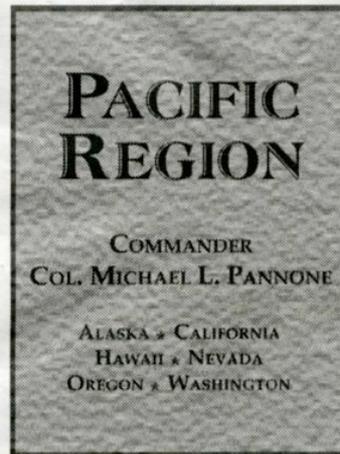
produced a video that explained each step of the rocket construction process. To add variety to the presentation, cadets mixed in videos of actual rocket launches between steps.

The cadets also built a mock launch pad for the presentation and displayed several model rockets.

Lt. Col. James Mercer, Weber Minuteman squadron commander, was assisted in conducting the seminar by several squadron cadets.

They were: 2nd Lt. Heather Chartraw; Staff Sgt. Bryce Mercer; and Airmen Dustin McLung, Steven Lefors and Joe Lefors.

Joanne Searcy



CALIFORNIA — Ten members of the Saddleback Composite Squadron attended a one-day first aid training

session held to help them earn their emergency services certification.

The class was taught by Tech Sgt. Ralph Marez, an instructor with the California Air National Guard's 222nd Combat Communications Squadron. Subjects included: cardiopulmonary resuscitation, the Heimlich maneuver, basic first aid and the use of an automated external defibrillator.

AEDs are designed to provide potentially lifesaving defibrillation before other help can arrive.

"Devices such as these are becoming increasingly popular in public and private institutions, as well as in the transportation sector," said Capt. Kenneth Gonzalez, squadron public affairs officer.

The following senior members attended the course: Cpts. Alan Dow and Larry Southwick; 1st Lts. Sandy Lindsey and Richard Lovick; and 2nd Lts. Shirlene Bradrick and Tim Brockman.

Cadets who attended the course included: 2nd Lts. Sergio Nardi and Eric Biddle; Senior Master Sgt. Chris McHugh; and Senior Airman Dan Staup.

→ → →

Members of the Saddleback Composite Squadron participated in a night search and rescue exercise at Desert Resorts Regional Airport near Palm Desert, Calif.

The squadron provided an aircrew and target team for the exercise.

The target team consisted of Capt. Larry Southwick, 1st Lt. Rich Lovick and Cadet Staff Sgt. Matt Langford. They were assigned to a location at Bombay Beach, Calif., and were responsible for activating the practice emergency locator transmitter. They managed to include some direction-finding training into the evening activities.

The aircrew consisted of: Majs. Greg Frazier, California Wing's Group 7 deputy commander, and Charles Biddle; and Capt. Kenneth Gonzalez.

The course used for the exercise was designed to test the effectiveness of various signaling techniques and devices, and to test the effectiveness of the aircrew's night-scanning and navigation abilities.

Because of the course design, effective crew management was a key factor in the success or failure of the mission.

The exercise was difficult to fly properly and safely. Each team had a general route assigned with airspeed, altitude and time-on-station restrictions.

"It was not very long after we were off that it got very dark. There was a first quarter-moon in the sky, but this did little to illuminate the terrain below us," said Frazier.



Three senior members of California Wing's Saddleback Composite Squadron pose for a photograph on the flight line during a search and rescue training exercise. Pictured are, from left, Maj. Charles Biddle, Capt. Kenneth Gonzalez and Maj. Greg Frazier.

Photo by 1st Lt. Mike Lauer

A SHOW OF RESPECT



Cadets from Nevada Wing's Clark County Composite and Nellis Cadet squadrons salute the pilot of "Thunderbird 1" as he taxis by them before take-off during an airshow. The show was held at Nellis Air Force Base, Nev., and drew a crowd of about 175,000 people.

Thorough preflight planning and meticulous execution were key factors in successfully completing the course and accomplishing all objectives. The crew located all three visual targets and tracked the practice ELT at each of the checkpoints.

Capt. Kenneth Gonzalez

CALIFORNIA — Forty California Wing members with 18 aircraft participated in a flight training exercise. The three-day Mountain

Fury flight training exercise was hosted by the Auburn Composite Squadron and included aircraft from as far south as San Diego and as far north as Eureka, Calif.

The objective of the exercise was to provide training in special flight techniques and procedures to be used in flying into mountainous terrain during searches.

Instructor pilots flew with mentor pilots during searches the first day. On the second

and third days, mentor pilots flew two sorties with each of the current mission-pilot

students.

The sorties were flown into assigned grids in the nearby Sierra Nevada Mountains.

The exercise was evaluated by U.S. Air Force personnel. Air Force Lt. Col. Mark H. Richardson, commander of the CAP-U.S. Air Force Pacific Liaison Region, said he was pleased with the performance of the participants and the success of the exercise.

"The mountain flying training conducted at the mission offered an excellent opportunity for us to observe rigorous and challenging flight profiles. The mission staff was extremely competent and a great deal of valuable training took place."

1st Lt. Ellis Udwin, California Wing duty officer, was mission coordinator and Lt. Col. Charles L. Starr, Auburn Composite Squadron commander, acted as base commander.

Several of the Auburn squadron senior members assisted with registration, administration, transportation, flight operations, communica-

tions, safety, aircraft refueling and ground control.

Lt. Col. Donna M. Starr

WASHINGTON —

Members of the Overlake Composite Squadron participated in a 24-hour relay event held to encourage physical fitness.

The Bellevue, Wash., 24-Hour Run Relay was organized to bring local high school youth together and promote physical fitness.

The Overlake squadron members were asked to provide security during the night by aiding local police as they carried out their tasks. During the day, squadron members used the event as a recruiting opportunity and operated a booth where they told the crowd what CAP is all about.

The team at the booth was interviewed by a local television station news crew. The media representatives said they were impressed with the cadets' professionalism and maturity.

Cadet 2nd Lt. Scott McMahan

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The Final Salute

Steven A. Allison
North Castle Composite Squadron
New York Wing

2nd Lt. Ralph E. Biggerstaff
Shelby Composite Squadron
North Carolina Wing

Capt. Clifton E. Brown
North Missouri Composite Squadron
Missouri Wing

Lt. Col. Calvin D. Cross
Wyoming Wing

Brig. Gen. Richard N. Ellis, USAF (Ret.)
Former National Commander
CAP - U.S. Air Force

Maj. Ronald L. Hunter
Redwood Empire Composite Squadron
California Wing

Lt. Col. Charlie J. Leath
Southwest Region

Lt. Col. Eugene McCardle
New York Wing

Lt. Col. Harvey R. Miller
Group 3
Arizona Wing

Maj. Marlene Nikodem
Lockport Cadet Squadron
New York Wing

William B. Reinbold
Anchorage Polaris Composite Squadron
Alaska Wing

Maj. Julius J. Schrader
Kansas Wing

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New York Wing

Lt. Col. Arlyn Van Alta
Oregon Wing

Lt. Col. Michael J. Vermann
California Wing

Lt. Col. Frank E. Viska
North Central Region

Capt. John K. Warriner
Arizona Wing

Lt. Col. James A. Waterbury
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Sussex Cadet Squadron
Delaware Wing

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