

C I V I L   A I R   P A T R O L

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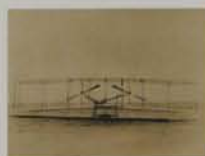
1903 – 2003

*Celebrating a Century  
of Flight*



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2002 ANNUAL REPORT TO CONGRESS



**1903**  
**Wright Brothers**  
First powered, sustained, controlled, heavier-than-air flight



**1912**  
**Harriet Quimby**  
First flight by a woman across the English Channel



**1921**  
**Airmail**  
First coast-to-coast airmail flight (San Francisco to New York)



**1930**  
**Amy Johnson**  
First woman to fly solo from England to Australia



**1941**  
**Civil Air Patrol**  
Formed



**1942**  
**CAP Coastal Patrol**  
Formed



**1954**  
**CAP "Flying Tigers"**  
CAP flying 50% of SAR missions



**1957**  
**Sputnik**  
First artificial satellite

1900

1910

1920

1930

1940

1950

**1909**  
**Louis Bleriot**  
First aircraft flight across the English Channel



**1915**  
**Fokker E-1**  
Birth of aerial combat

**1924**  
**Douglas World Cruiser**  
First around-the-world flight



**1932**  
**Amelia Earhart**  
First woman to fly solo across the Atlantic

**1942**  
**V-2**  
First ballistic missile

**1946**  
**CAP**  
CAP receives national charter

**1957**  
**CAP**  
CAP flying flood-related missions



**1947**  
**Chuck Yeager**  
Piloting first aircraft to break the sound barrier (Bell X-1)



**1947**  
**U.S. Air Force**  
Formed

**"The Wright Brothers created the single greatest cultural force since the invention of writing. The airplane became the first World Wide Web, bringing people, languages, ideas and values together."**

Bill Gates, CEO  
Microsoft Corporation

**1919**  
**NC-4**  
First airplane to cross the Atlantic



**1926**  
**Robert H. Goddard**  
First flight of liquid propellant rocket



**1936**  
**Pan American**  
First transpacific passenger service



**1927**  
**Charles Lindbergh**  
First solo flight across the Atlantic

**1939**  
**Heinkel He 176**  
First turbojet



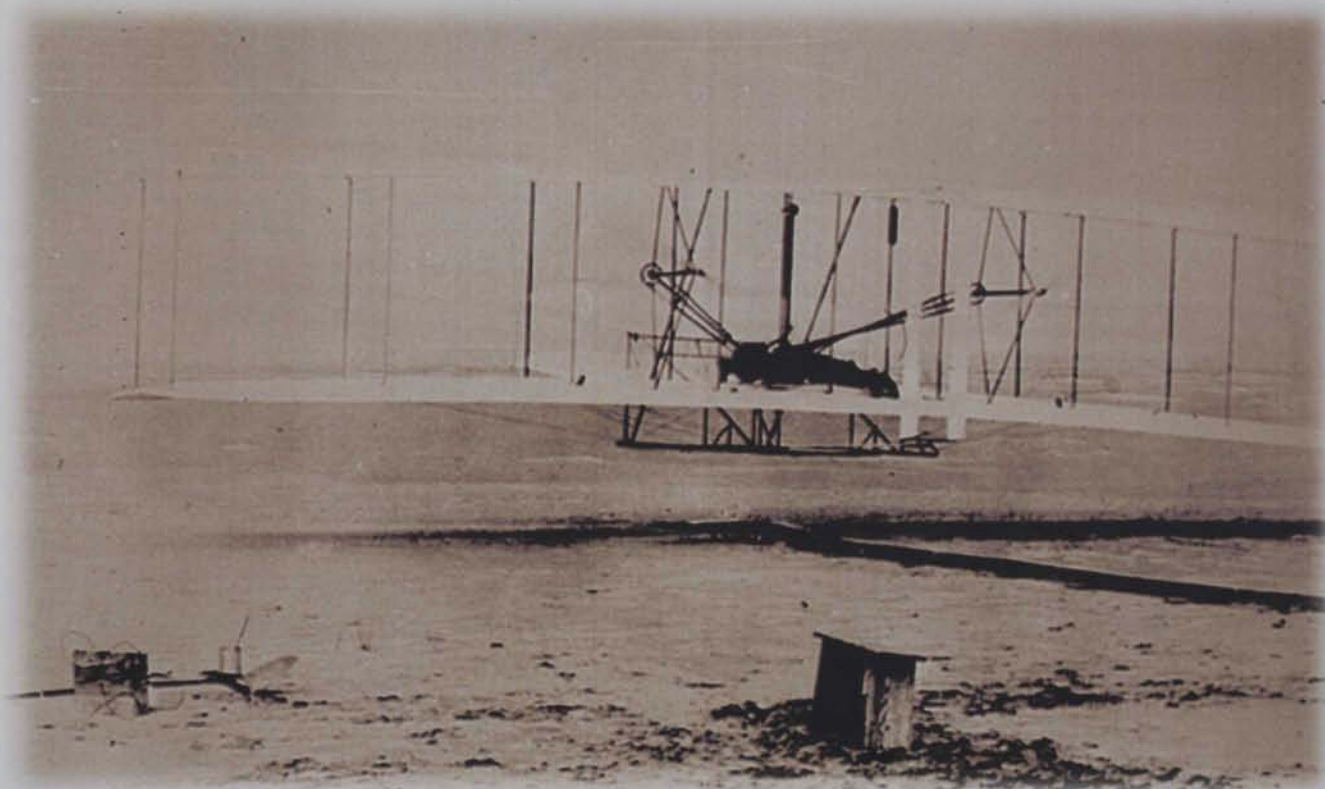
**1948**  
**CAP "official"**  
Designated official USAF auxiliary; CAP cadet program established

*Celebrating a Century of Flight*



# Civil Air Patrol 2002 Annual Report to Congress

Photo courtesy of NASA



Wright Brothers taking first powered flight at Kitty Hawk in 1903

Photo courtesy of Wright Bros Aeroplane Company



Orville and Wilbur Wright, aviation pioneers, 1903

**"I confess that in 1901, I said to my brother Orville that man would not fly for 50 years . . . Ever since, I have distrusted myself and avoided all predictions."**

Wilbur Wright, in a speech to the  
Aero Club of France, 1908

# Headlines

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*CAP establishes EAGLE Fund for terrorist victims • Boeing fund sponsors aerospace education memberships • Nevada training exercise turns 'real world' after crash • History Channel to air Civil Air Patrol Coastal Patrol segment • San Marcos Composite Squadron saves lives at Giddings • Kentucky and North Carolina Wing members help fight wildfires • CAP — Sixty years of civilians answering the call • Oregon Wing aircrew locates missing hikers • New Jersey member shares '9/11' account • Aircraft owners, CAP members plan for greater security • Alaska Wing helps Coast Guard with air patrols • 2002 Olympics underway; Utah Wing patrols skies over Salt Lake City • 2002 membership campaign gets underway • Southeast Region Staff College graduates 22 senior members • CAP races into the future • CAP receives Space Foundation award • 2002 Commander's Course 'outstanding' • Sixty years of volunteerism highlighted by CAP subchasers • Georgia Wing members get one save; help locate survivors in remote swamp • New York recruits learn about survival • CAP Racing team scores best finish at Richmond • Nevada Wing gets 14 saves in wake of casino shoot-out • Cadets vie for 2002 National Cadet Competition honors, awards • Revised cadet orientation flight program up, running • Colorado Wing members contribute aircraft, personnel to Hayman fire efforts • Mississippi Wing cadet rescues drowning girl • Seventy cadets, 16 senior members participate in International Air Cadet Exchange program • CAP helps former cadet fulfill dreams • CAP, Auburn University join forces to host first Engineering Technology Academy • Air Force homeland security chief visits CAP headquarters • CAP named charter member of National Citizen Corps Council • Air Force promotes CAP commanders • CAP partners with Air Force in Centennial of Flight program*

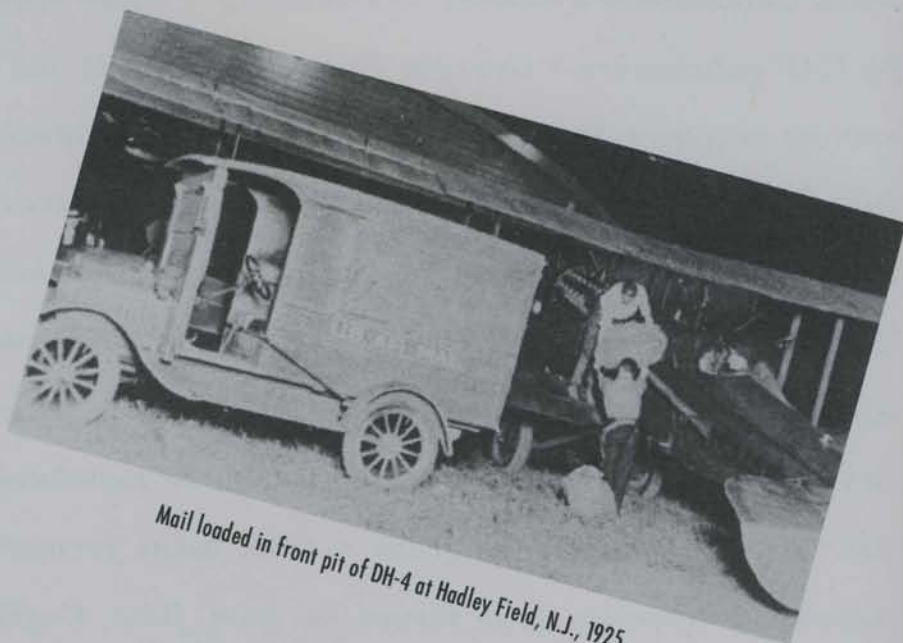




Pilot Harry G. Smith with airmail employees checking in valuable cargo, as evidenced by the man holding a shotgun, at Hadley Field, N.J., 1925

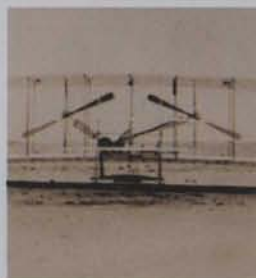
**"We planted four seeds . . .  
they were airways,  
communications,  
navigation aids and multi-  
engined aircraft.  
. . . they are the  
cornerstones on which our  
present world-wide  
transport structure is built  
and they came, one by  
one, out of our experience  
in daily, uninterrupted  
flying of the mail."**

Charles I. Stanton,  
Early airmail pilot who later headed  
the Civil Aeronautics Administration



Mail loaded in front pit of DH-4 at Hadley Field, N.J., 1925

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The Spirit of St. Louis on flightline

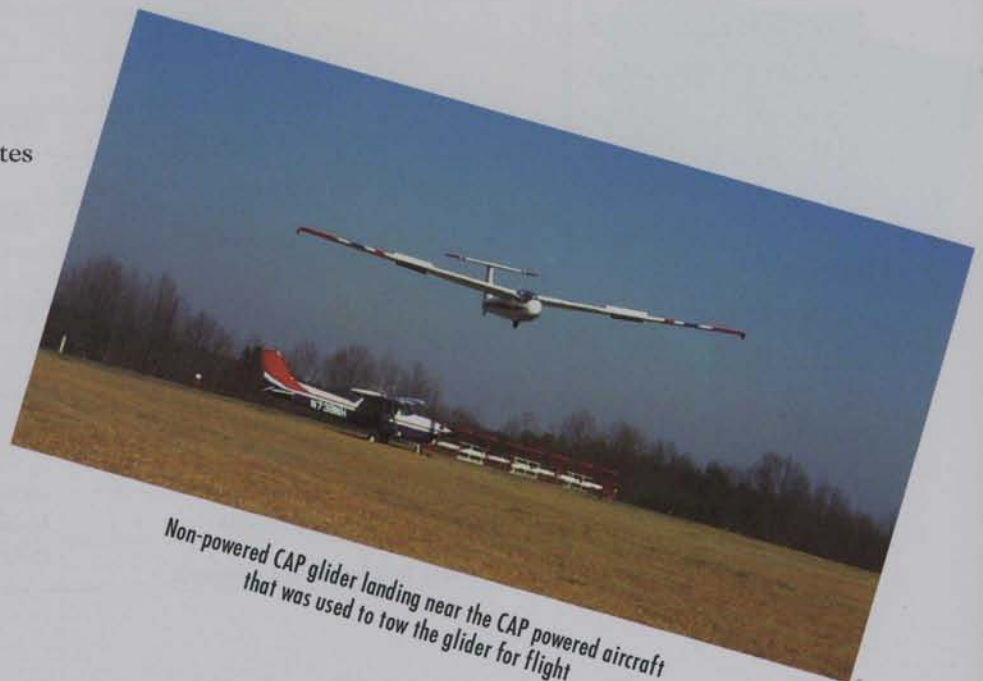
**"Man must rise above the Earth – to the top of the atmosphere and beyond – for only thus will he fully understand the world in which he lives."**

Socrates

Photo courtesy The X Prize



Charles Lindbergh with his plane, the Spirit of St. Louis, after completing the world's first solo flight across the Atlantic, 1927



Non-powered CAP glider landing near the CAP powered aircraft that was used to tow the glider for flight



# To the Congress of the United States



On behalf of our almost 63,000 members, and as required by Public Law 79-476, I proudly submit to you this report to Congress for 2002.

As we celebrate the 100th year of powered flight, we recognize the contributions made by so many aviation pioneers. Those courageous men and women not only helped mankind achieve the miracle of flight, but also paved the way for an organization like Civil Air Patrol to use that technology to help and protect America's citizens, and to educate and motivate America's youth.

Since CAP was formed in 1941, our mission focus has come full circle. Our volunteer members now assist in homeland security efforts with the same vigilance shown by their forebears during World War II.

In this report, we provide you a glimpse of the thousands of hours of service contributed by our volunteer members in support of the U.S. Air Force and many other federal, state, and local agencies. Our relationship with our parent body, the U. S. Air Force, has been strengthened significantly during 2002 as Civil Air Patrol has moved to the new Air Force Office of Homeland Security, AF/XOH.

The formation of our National Operations Center (NOC) at Maxwell Air Force Base, Ala. allows CAP to streamline mission requests, as well as improve accountability for the support we provide to the U.S. Air Force and our other customers. The NOC has increased CAP's level of readiness and preparedness, making us uniquely qualified to perform a vital role in today's homeland security missions.

Americans today face stricter security measures to safeguard our precious freedoms, and as a result, there is increasing need for the missions expertly carried out by Civil Air Patrol members every day. I trust you will enjoy reviewing our 2002 Annual Report to Congress, detailing Civil Air Patrol's many "Missions for America" and celebrating a century of powered flight.

A handwritten signature in black ink that reads "Richard L. Bowling".

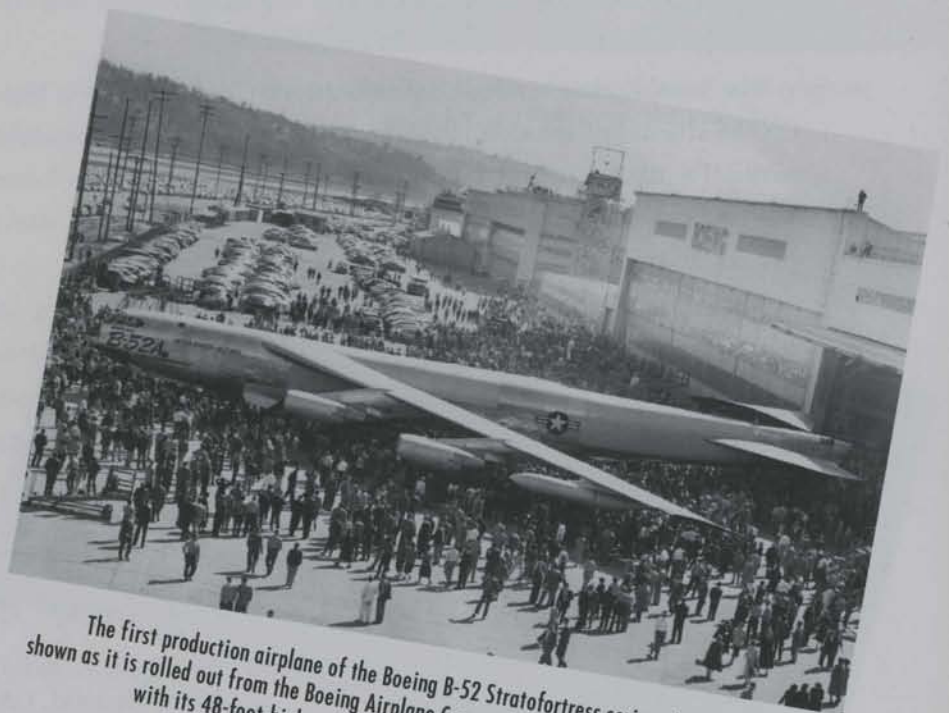
RICHARD L. BOWLING  
Major General, CAP  
National Commander



Replica of a Stinson 10-B flown by CAP during World War II

**"I suppose we  
shall soon travel  
by air-vessels;  
make air instead  
of sea voyages;  
and at length find  
our way to the  
moon, in spite of  
the want of  
atmosphere."**

Lord Byron, 1882



The first production airplane of the Boeing B-52 Stratofortress series, the B-52A, shown as it is rolled out from the Boeing Airplane Company plant at Seattle on March 18, 1954, with its 48-foot-high vertical tail folded down to clear the doorway



# To the Congress of the United States

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The Congress of the United States should be extremely proud of the U.S. Air Force's auxiliary, the Civil Air Patrol. Experiencing an exciting year of evolution in 2002, the organization continued its inspiring cadet programs and award-winning aerospace education efforts, while working diligently with the Air Force to posture itself for a vital role in the nation's homeland security strategy.

An extensive review by the Air Force Inspection Agency has given the Air Force and CAP a roadmap to help them further refine roles and responsibilities under the congressionally mandated Cooperative Agreement and Statement of Work. At the Air Staff level, CAP has been realigned under the Air Force's new Director of Homeland Security (AF/XOH) to ensure CAP's extensive capabilities are used, in concert with active duty and Reserve resources, as part of a cohesive Air Force team.

A full-time CAP National Operations Center, new aircrew training programs and strong safety initiatives are just a few of the 2002 infrastructure advances that will help prepare CAP members for increasing homeland security missions. Air Force emphasis will be placed on ensuring CAP units nationwide have the training and resources to allow seamless interoperability with other CAP units and other government agencies.

The relationship between the Air Force and its auxiliary has never been stronger. The Air Force is committed to a vision of working hand-in-hand with Civil Air Patrol as they mold the youth of America, while working diligently to preserve their future. More than 62,000 Civil Air Patrol patriots stand ready to serve their country, and the Air Force is proud to be a part of that team.

A handwritten signature in black ink that reads "George C. Vogt".

GEORGE C. VOGT  
Colonel, USAF  
Commander, Civil Air Patrol-USAF

- 8,700 members mobilized after 9/11
- 564 hours flown in post 9/11 missions
- 57 hours flown in support of USAF Operation Noble Eagle
- 534 hours flown for 2002 Olympics, Paralympics
- 2,232 aerial reconnaissance photos taken at Olympics
- Concept of Operations written to show CAP homeland security capabilities
- National Operations Center opened to centralize mission support
- Hyperspectral imaging equipment and training to be added to resources

## Homeland security



000133 SITE VEHICLE AND SUSPECT 004  
7 FEBRUARY 02 UTAH 1430 HRS



000133 SITE VEHICLE AND SUSPECT 004  
7 FEBRUARY 02 UTAH 1431 HRS

Unauthorized vehicle shown in slow-scan aerial video taken by CAP members during surveillance flight over the 2002 Winter Olympics in Salt Lake City

With almost 63,000 volunteer members, Civil Air Patrol has the resources already in place to support reconnaissance, aerial imaging, disaster relief, transportation and counter-drug missions nationwide. CAP has demonstrated that it is a cost-effective force multiplier for national homeland security.

### Post-9/11 support

This year CAP continued to support recovery efforts from terrorist attacks of Sept. 11, 2001. More than 8,700 volunteer CAP members were mobilized nationwide, flying a total of 564 hours in transportation, reconnaissance and airborne

imagery missions. More than 450 of these members assisted their state or federal emergency management agencies.

CAP also flew 57 hours in support of Operation Noble Eagle for the U.S. Air Force. As this assignment continues, CAP planes fly as target aircraft to simulate terrorist activities and train air defense forces to detect, monitor and intercept suspicious aircraft.

### Olympics and Paralympics support

At the request of the Department of Defense, more than 250 CAP members provided security and traffic observa-



tion for the 2002 Winter Olympic and Paralympics.

Prior to the games, CAP took airborne digital photographs of various Olympic sites as baseline photos for comparison in the event of a terrorist attack. CAP flew 179 sorties and 534 hours in reconnaissance.

CAP took 2,232 aerial photos, using high-resolution digital cameras and single-frame video down-link systems. Uploaded on a limited-access Web site for security agencies, the photos resulted in at least one law enforcement action per day.

### Future support

CAP has submitted a Concept of Operations for homeland security to both the Secretary and the Chief of Staff of the Air Force. The document demonstrates how CAP can provide civil support for homeland security. The plan also supports all six critical mission areas in President Bush's National Strategy for Homeland Security.

To speed up and centralize mission support, CAP opened a National

Operations Center (NOC) at its headquarters on Maxwell AFB, Ala. In September 2002, U.S. Air Force Director for Homeland Security, Brig. Gen. David Clary, visited CAP headquarters for a capabilities briefing and tour of the new NOC.

To support both current missions and the demands of future homeland security taskings, Congress has appropriated \$6 million for CAP to acquire hyperspectral imaging and sensor technology. CAP has already begun inflight testing for night vision and thermal imaging equipment.



Brig. Gen. Dave Clary, left, U.S. Air Force Director for Homeland Security, touring Civil Air Patrol's National Operations Center at Maxwell AFB, Ala., Sept. 23, 2002, with CAP Executive Director Col. Al Allenback, USAF, Ret., right, Northeast Region Commander Col. Rick Greenhut, center, and behind him, Col. George Vogt, CAP-USAF commander

*"CAP can put an airborne platform over any major metropolitan area or strategic resource in the United States in two hours or less for \$90 an hour. Our members are trained to use slow-scan video imaging and communications relay equipment to give incident commanders real-time aerial imaging and communications when and where they need it."*

Al Allenback,  
CAP Executive Director



1952 CAP members canvassing households to support civil defense



DEPARTMENT OF THE AIR FORCE  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, DC

25 October 2002

HQ USAF/CC  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Brigadier General Richard L. Bowling  
National Commander, Civil Air Patrol

Dear General Bowling

For over 60 years, the United States Air Force Auxiliary has selflessly served our great nation and the United States Air Force with integrity, pride and devotion. Beginning with Civil Air Patrol's (CAP's) anti-submarine coastal patrol missions of World War II – the original Homeland Security missions – and continuing with CAP's heroic deeds after 11 September 2001, CAP has earned the enduring appreciation of a grateful nation as our country's "Eyes of the Home Skies."

With the Auxiliary's proud record of service in war and in peace and your coming role in Homeland Security, I am pleased to notify you of two decisions that I have made in recent days. First, I have directed the transfer of Air Staff responsibility for policy, advocacy and oversight of the Air Force Auxiliary from the Directorate of Operations and Training (AF/XOO) to the Directorate of Homeland Security (AF/XOH). Second, in recognition of the approaching Homeland Security responsibilities to be borne by the Air Force Auxiliary, I have directed modification of the Air Force Auxiliary general officer rank structure to increase the rank of the CAP National Commander from Brigadier General to Major General, accompanied by an increase of rank for the CAP National Vice Commander from Colonel to Brigadier General, effective 1 December 2002, the 61<sup>st</sup> anniversary of activation of Civil Air Patrol.

My staff will contact you soon to discuss an appropriate pinning ceremony. In the meantime, please feel free to contact my chief of the Air Force Auxiliary Division, Air Force Directorate of Homeland Security, Col Richard L. Anderson, 703-588-8972.

On behalf of the Active, Reserve, Guard and Civilian members of the United States Air Force, thank you for the Air Force Auxiliary's service to the nation, and please accept our heartfelt congratulations on your promotion to the rank of Major General.

Sincerely

General, USAF  
Chief of Staff

cc:

AF/DP/XOO/XOH  
CAP-USA/CC

**" . . . and continuing with CAP's heroic deeds after 11 September 2001, CAP has earned the enduring appreciation of a grateful nation as our country's 'Eyes of the Home Skies.'"**

General John Jumper, USAF  
Chief of Staff



# Highlights of 2002



Brig. Gen. Richard L. Bowling, CAP national commander, promoted to grade of major general

*"The ceremony today marks an occasion never seen before in CAP. General Wheless and I received the stars, but the entire organisation received the promotion."*

Maj. Gen. Rick Bowling, CAP  
National Commander

## Coming full circle to serve America

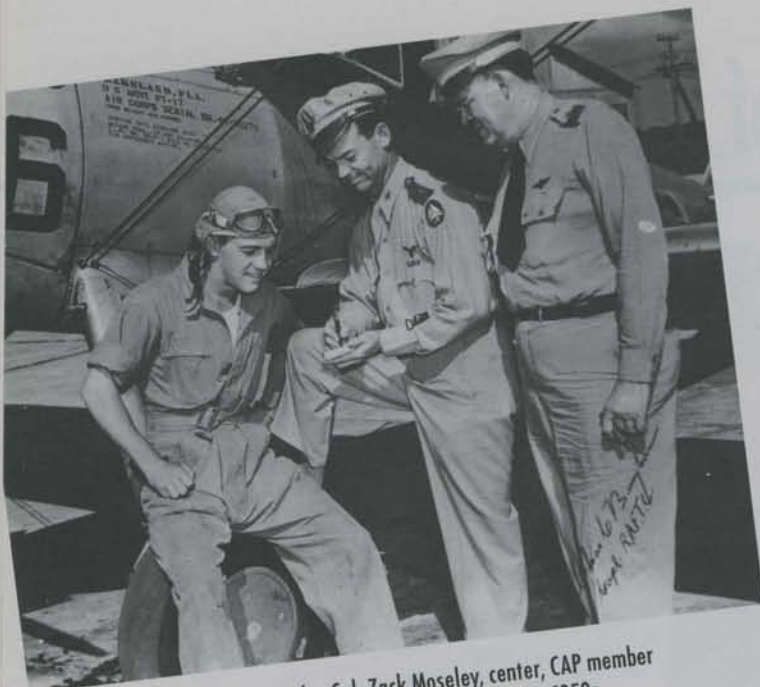
More than 60 years ago, Civil Air Patrol was formed to help the nation's armed forces safeguard America from enemy encroachment. Today, in the aftermath of the Sept. 11 terrorist attacks on American soil, CAP civilians still patrol the home skies, with their volunteer efforts increasingly sought after and appreciated.

CAP does more than just aerial surveillance, however. When CAP was chartered in 1941, Congress assigned the organization three specific missions: Aerospace education, cadet programs and emergency services. During fiscal year 2002, CAP upheld these missions in a variety of productive and creative ways, and for these efforts, received national recognition.

Air Force Vice Chief of Staff Gen. Robert H. Foglesong hosted a pinning ceremony for then-Brig. Gen. Richard L. Bowling and Col. Dwight H. Wheless in Washington, D.C. The event included the U.S. Air Force Color Guard and members of the U.S. Air Force Band.



Col. Dwight Wheless, CAP national vice commander, recites the oath of office during the ceremony in which he was promoted to brigadier general



Signing autographs, Col. Zack Moseley, center, CAP member and cartoonist for the Chicago Tribune, 1950s

### Direct support

In 2002, CAP provided direct support to a number of government agencies and the military. In the aftermath of the Sept. 11 attacks, CAP loaned deployment kits to the Federal Emergency Management Agency (FEMA) and served as backup points of contact on specific radio frequencies.

In South Dakota, during the Grizzly Gulch fire, CAP provided direct communications and logistical support to the National Guard and American Red Cross. South Dakota Wing aircrews spotted 43 fires in the Black Hills National Forest.

The Iowa Wing provided direct support to the 84th Radar Evaluation Squadron, testing the RADAR for the Air Reserve unit at Fort Dodge.

Members of the South Carolina Wing helped representatives of the U.S. Air Force develop a program to teach cadets about the Air Force and motivate them to excel in school and within CAP.

In New York, CAP squadrons provided command, control and communications support at U.S. Air Force tactical operations centers for a number of training exercises. They also shot and processed photos during training missions and transmitted them for analysis, and flew 32 hours of low-level route surveys for the U.S. Air Force. New York members also flew 160 hours of cadet orientation flights for USAF detachments at Cornell, Syracuse, and Clarkson universities, Rensselaer Polytechnical Institute and Manhattan College.

These are only a few examples of ways CAP volunteer members provided direct service to

America, the military, federal, state and local agencies.

### National awards

CAP won several significant national awards during 2002. The organization received the Air Force Association's prestigious 2002 Hoyt S. Vandenberg Award for contributions to aerospace education. This award recognized CAP for producing not only its aerospace curriculum for members and its aerospace textbook, *Aerospace: The Journey of Flight*, but also CAP's in-depth Aerospace Education Award program for K-12 schools.

In his former role as CAP's chief of aerospace education, current CAP Director of Operations John Salvador received the AFA's George D. Hardy Award for his own contributions in coordinating the CAP aerospace education program with that of the AFA/Aerospace Education Foundation.

CAP received the U.S. Space Foundation's Education Achievement Award for its decades of service in aerospace education and the continuing

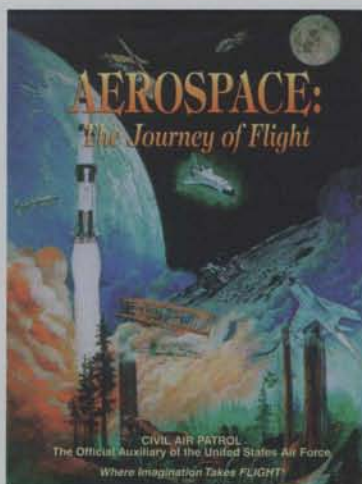


innovative work of the Aerospace Education and Training Directorate.

CAP also was named as a charter member of the newly formed National Citizen Corps Council, coordinated by the Federal Emergency Management Agency.

## NASCAR

In 2002, CAP became the first nonprofit organization to sponsor a NASCAR race car, a move designed to increase the organization's visibility and public outreach. During the 10-month NASCAR Busch Series season, the No. 46 Civil Air Patrol Chevrolet, driven by Ashton Lewis Jr., competed in 34 events, finishing in 17th place out of over 60



Secondary-level textbook, produced by CAP, used for cadet and school aerospace education programs throughout the nation

teams. All 34 events were televised live, with 10 broadcast on national networks (FOX/NBC) and 24 on cable, in addition to national print media coverage. An estimated 2.6 million people attended Busch Series races in 2002.

**"What are we doing here?  
We're reaching for the stars."**

Christa McAuliffe,  
about entering the astronaut program,  
*Time* magazine, Feb. 10, 1986



CAP NASCAR driver Ashton Lewis Jr. putting the No. 46 car through its paces at Dover Downs International Speedway, 2002



Artist's rendering of 1942 CAP subchaser approaching German submarine off the coastline of the United States



1950s CAP emergency services exposition

**"When once you have  
tasted flight, you will  
forever walk the earth  
with your eyes turned  
skyward, for there you  
have been, and there  
you will always long to  
return."**

Leonardo de Vinci



## 60th Anniversary Gala and wreath-laying ceremony

The Civil Air Patrol and CAP's World War II "subchasers" took the spotlight at the 60th Anniversary Gala held in March at the National Air and Space Museum in Washington D.C.

The concept of a civilian air patrol came into being during World War II when German submarines began to prey on American ships and tankers. The assault virtually cut off vital war supplies for the Americans, and civilians volunteered to help defend the nation.

American businesses funded a civil air patrol, and 40,000 volunteers signed up, providing their own planes and equipment. The patrol began on a trial basis, but CAP pilots quickly proved themselves. Repelling sub assaults by diving on submarines in mock attacks, CAP pilots forced subs to break and run. The CAP Coastal Patrol flew 24 million miles, spotted 173 submarines, attacked 57, hit 10 and sank two.

The 60th Anniversary Gala honored surviving members of that coastal patrol, including Martin Miller, Cliff Bowes, Glen Cook, Maury Betchen, S. Buddy Harris, Luverne Kraemer and Jack Robinson. They received Stinson model trophies depicting the aircraft they flew during World War II.



CAP cadet color guard at the 60th anniversary wreath-laying ceremony, Arlington National Cemetery

## Civil Air Patrol events



60th Anniversary Gala banquet, March 3, 2002, at the National Air and Space Museum, Washington, D.C.

Keynote speaker for the gala was famed aviator and X-15 test pilot A. Scott Crossfield.

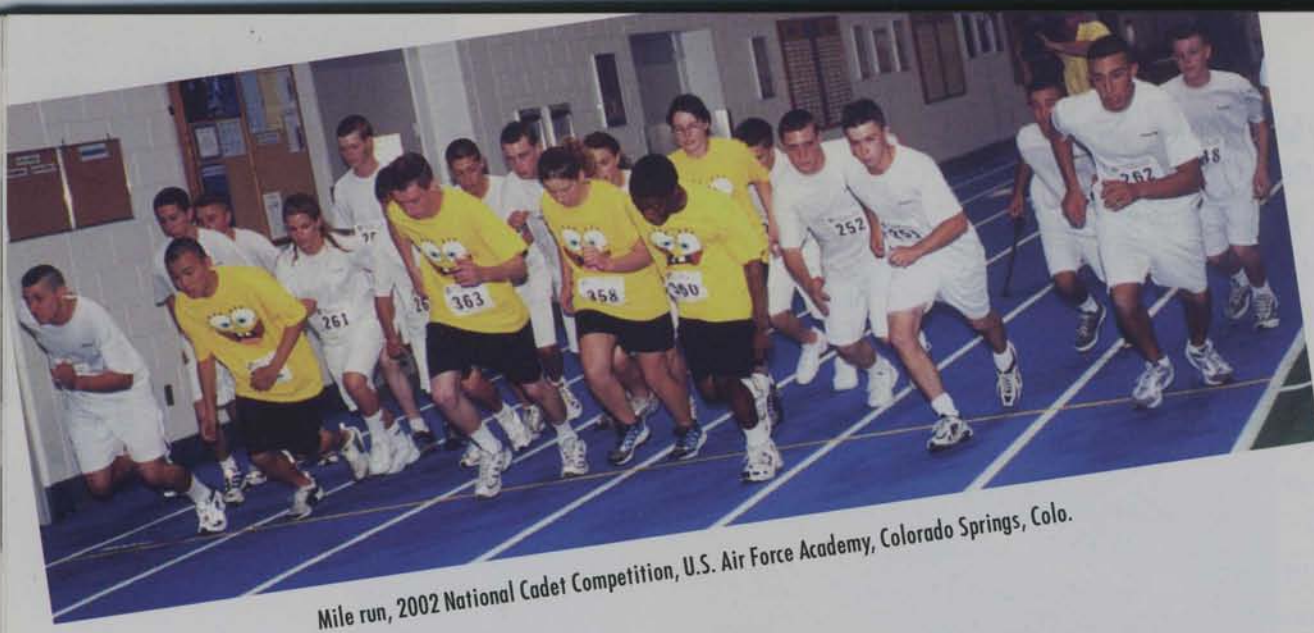
On the day following the gala, CAP held a ceremony at Arlington National Cemetery

outside Washington.

A specially designed 60th anniversary wreath was placed at the CAP memorial there, which honors CAP members who gave their lives in service to the nation.

*Celebrating a Century of Flight*





Mile run, 2002 National Cadet Competition, U.S. Air Force Academy, Colorado Springs, Colo.

## National Cadet Competition

An all-female cadet color guard team from Florida and a drill team from New York won top honors at the Civil Air Patrol's 2002 National Cadet Competition, held the first week of July at the U.S. Air Force Academy in Colorado Springs, Colo.

The four-day event drew the top 168 of more than 25,000 cadet CAP members. Two competitions ran concurrently, one for color guard teams and one for drill teams. The cadets were judged on military drills, inspection, protocol and leadership skills. They also competed in a written exam and mile run.

In addition to team and individual awards, the winning color guard

and drill teams also won the coveted U.S. Air Force Chief of Staff Sweepstakes trophies.

The national drill team competitors were cadets from wings in Delaware, Minnesota, Arizona, New York, Puerto Rico, Utah and Washington. Color guard competitors included



Mid-1960s CAP cadets at parade rest





A U.S. Air Force color guard member conducting inspection for a North Central Region color guard cadet, 2002 National Cadet Competition

**"Flying has torn apart  
the relationship of  
space and time.  
It uses our old clocks  
but with new  
yardsticks."**

Charles A. Lindbergh.

teams from Virginia, Florida, Pennsylvania, Indiana, South Dakota, Montana, Arizona and Washington. Teams advanced to the national event after preliminary local, state and regional competitions.

All these cadets were active in CAP's four-phase cadet program, which is entirely voluntary and requires classes in aerospace history and technology, leadership

skills, public speaking, moral leadership and writing. The cadets undergo field training in physical fitness and survival skills, as well as flight training.

The program's emphasis on leadership skills creates an elite group of high-achievers among the nation's high-school students and builds responsible citizens for the nation.



Chuck Yeager, left, the first person to break the sound barrier at Mach 2.5 with Maj. Kit Murray, after Murray broke an altitude record flying at 90,440 ft. in the X-1A, 1954



The F/A-22 Raptor, a future U.S. Air Force stealth fighter

**"I was always afraid of dying. Always. It was my fear that made me learn everything I could about my airplane and my emergency equipment, and kept me flying respectful of my machine and always alert in the cockpit."**

Brigadier General Chuck Yeager,  
*Yeager, An Autobiography*



## National Congress on Aviation and Space Education

Last year CAP again sponsored the National Congress on Aviation and Space Education, America's premier symposium for providing educators with the latest hands-on techniques and tools to help them capture the imaginations of their students. At last year's 35th Congress in Arlington, Va., over 1,100 educators were able to share in the excitement of SR-71 crew member Marta Bohn-Meyer's aviation career and explore the fascinating experiences of the Air Force One crew. They heard Dr. Gordon Schimmel speak on "Inventing Flight" and NASA astronauts Susan Kilrain and Robert "Hoot" Gibson share stories of their shuttle missions.

Aviation pioneer A. Scott Crossfield was on hand to regale audiences with tales of his days aboard experimental jet aircraft. A staunch supporter of educators, Mr. Crossfield established the A. Scott Crossfield Aerospace Education Teacher of the Year

award to recognize the work of classroom teachers. This year's recipient was Crystal Bloemen, a middle school teacher from Highlands Ranch, Colo.

Most of the National Congress participants were educators from school systems throughout the nation. The Congress offered them more than 67 separate seminars and workshops, illustrating a variety of strategies to introduce aerospace concepts while addressing critical thinking skills, mentoring, multi-age classroom programs, whole-language learning, history, health and fitness, social sciences, and technology. Exhibitors provided materials, information and displays of innovative educational products to support classroom curricula.



Exhibition hall at the 2002 National Congress on Aviation and Space Education, Arlington, Va.

## National Board Meeting and Annual Conference

CAP's "Eyes of the Home Skies" annual conference was held this year in conjunction with the summer National Board meeting in Philadelphia. Almost 1,000 CAP members from throughout the nation were present for the four-day conference, which included training sessions and the presentation of national awards.

Ashton Lewis Jr., driver of the CAP-sponsored NASCAR Busch Series No. 46 race car, was on hand with the CAP show car to meet members, sign autographs and pose for photos. Aviation companies exhibited equipment and technology in the conference exhibit hall, and CAP operated a traveling bookstore in an area nearby. Cessna pre-



Ashton Lewis Jr., CAP NASCAR driver, signing autographs for members at 2002 Annual Conference in Philadelphia



CAP leaders and guests at head table during awards banquet, Annual Conference 2002

sented CAP with an appreciation award in recognition of CAP's having the largest fleet of single-engine Cessna aircraft in the world.

During the board meeting, CAP members discussed the organization's future role in homeland security. According to CAP National Commander Maj. Gen. Richard Bowling, "We believe a trained, equipped and

ready volunteer civilian auxiliary can provide significant support for homeland security operations at the federal, state and local levels. We directly support the three Air Force Homeland Security Task Force mission areas — prevent, protect and respond — and add a fourth area of our own — prepare."



## Member recognition

**Cadet of the Year**, Col. Jennifer Neville – New York Wing; **Senior Member of the Year**, Lt. Col. Diane Wojtowicz – New York Wing; **F. Ward Reilly Leadership Award**, Maj. Albert R. Therriault, Commander, Raleigh-Wake Composite Squadron – North Carolina Wing; **Frank G. Brewer-Civil Air Patrol Memorial Aerospace Awards**: Cadet Member, Lt. Col. Peggy E. Schnack – Minnesota Wing; Senior Member, Capt. Toni Henderson – Pennsylvania Wing; Individual, Harold “Duffy” Gaier – Wisconsin Wing; Organization, Benjamin O. Davis Jr. Aerospace High School – Detroit, Mich.; **Col. Robert V. “Bud” Payton National Public Affairs Officer**, Lt. Col. Jayson Altieri – Kentucky Wing; **Moral Leadership Officer of the Year**, Capt. Shirley A. Rodriguez – Kansas Wing; **Senior Chaplain of the Year**, Chaplain (Maj.) Paul Ward – California Wing; **Squadron Chaplain of the Year**, Chaplain (Maj.) Robert Ohlmacher – Utah Wing; **Communications Officer of the Year**, Maj. Robert D. Bell – West Virginia Wing; **Safety Officer of the Year**, Lt. Col. Douglas L. Tindal – Iowa Wing; **Paul W. Turner Safety Award**, Kansas Wing. **Civil Air Patrol Mission Awards**: **Search and Rescue** awards to the Rhode Island, Virginia, Ohio, Florida, Kansas, New Mexico, Wyoming and Alaska wings; **Disaster Relief** awards to the New York, West Virginia, Kentucky, Florida, Minnesota, Texas, Montana, Oregon and California wings; **Counterdrug** awards to the New York, National Capital, Indiana, Florida, Iowa, Louisiana, Idaho and California wings; **Aerospace Education** awards to the Maine, North Carolina, Michigan, Florida, Nebraska, Arizona, Montana and California wings; **National Aerospace Education** awards: First Place, Florida Wing; Second Place, North Carolina Wing; Third Place, Michigan Wing; **Outstanding DDR Wing**, Oklahoma Wing; **Squadrons of Distinction**, 103rd Composite Squadron – Connecticut Wing; Boulle-Norman Memorial Cadet Squadron – Michigan Wing; Dr. Cesario R. Nieves Cadet Squadron – Puerto Rico Wing; 99th Pursuit Composite Squadron – Nebraska Wing; Eagle Composite Squadron – New Mexico Wing; Eagle Rock Composite Squadron – Idaho Wing; McMinnville Composite Squadron – Oregon Wing; **Selected for national recognition**, Raleigh-Wake Composite Squadron – North Carolina Wing; **First-Time Awards for Distinctive Achievement in Mishap Prevention** to the Connecticut, Georgia, South Carolina, Louisiana, Illinois, Washington and Utah wings; **National Headquarters Employee of the Year**, John Desmarais – Operations Directorate.



## THE WRIGHT BROTHERS from Bicycles to Airplanes



Man had dreamed of flying for centuries and on a cold December day in 1903 on a deserted beach two bicycle mechanics turned that dream into a reality.

A Thematic Unit of Instructional Materials *Featuring:*

- **National Standards**
- Teacher Lesson Plans
- Student Information
- Evaluation Strategies Including a Unit Test
- Technology Applications

In Cooperation  
with:



CAP aerospace education classroom unit on the Wright Brothers,  
to be provided to over 30,000 U.S. students in 2003

Photo courtesy The X Prize



Erik Lindbergh, grandson of aviator Charles Lindbergh, scheduled speaker  
for CAP's National Congress on Aviation and Space Education in 2003

**" . . . space is for everybody. It's not just for a few people in science or math, or for a select group of astronauts. That's our new frontier out there, and it's everybody's business to know about space."**

Christa McAuliffe,  
Dec. 6, 1985



- Hoyt S. Vandenberg Award received from Air Force Association
- Education Achievement Award received from Space Foundation
- Web site named one of USA Today's "Best Bets for Educators"
- 275 schools, 425 CAP units following CAP's Aerospace Excellence Award Program
- Education mission coordinated with Centennial of Flight celebration

## Aerospace education

Civil Air Patrol promotes and supports aerospace education, both for its own members and for the general public. Such education helps prepare American citizens to meet the challenges of a more sophisticated aerospace society and understand its related issues.

### Member education

Thousands of CAP cadets began their aerospace training with the six-module Aerospace Dimensions program, which covers aviation principles, weather and space. Their instructors supplemented the lessons with field trips and hands-on activities such as building model airplanes and rockets. The modules are available for schools to purchase at a nominal cost, and many

public school teachers now incorporate them into their aerospace curriculum.

Older cadets and senior members followed a self-paced program based on CAP's textbook, *Aerospace: The Journey of Flight*. This textbook is being used by high schools and colleges in their aerospace and aviation classes.

### Community outreach

CAP promoted aerospace education to the American public by reaching out to schools and teachers at all grade levels. Instructors and CAP aerospace coordinators helped with field trips, science fairs, art contests and model-building to make aerospace relevant and interesting. They also introduced the public to



Third-grade students working on aerospace project, Head School, Montgomery, Ala.

the many career opportunities in aerospace technology.

Through the Aerospace Education Member program, classroom teachers at all levels and teacher organizations received low or no-cost materials



A CAP member helps a young aviation enthusiast "take to the skies" on a flight simulator

*"Most of our cadets are aspiring pilots and already somewhat familiar with aeronautical charts ... They really seemed captivated by the flight planning exercise ... and got the chance to actually use the chart rather than simply look at it."*

Scott Borer, commander,  
Brackett Composite Squadron,  
California Wing

and information to use in their classrooms. Among these were lesson plans, themed study units, posters, books, newsletters, resource listings and grant information. These materials supported not only national teaching standards, but also important federal programs such as "No Child

Left Behind" and "Every Child a Graduate."

Both schools and individual CAP units followed the CAP-designed Aerospace Excellence Award program, which recognizes those groups that have regularly scheduled aerospace activities.

Teachers and aerospace buffs alike flocked to this year's National Congress on Aviation and Space Education, the premier conference of its type in the nation. Now in its 36th year, NCASE touches the lives of more than 50,000 students each year through the many educators who attend.

Civil Air Patrol's educational products continue to be available for download on its Aerospace Education Web site, which was designated by *USA Today* as one of its "Best Bets for Educators."

## Partnerships

CAP promoted aerospace education through partnerships with aviation/aerospace organizations such as the Challenger Center for Space Science Education, National Aeronautic



Brig. Gen. Stephen McElroy, USAF, right, CAP national commander from 1959-61, providing flight instruction



Association and Experimental Aircraft Association. These organizations help promote CAP and distribute its aerospace education materials.

The Air Force Centennial of Flight Office is partnering with CAP on a project that celebrates the 100th anniversary of powered flight in 2003. The Air Force Centennial office will distribute material on the Wright Brothers to over 30,000 students nationwide next year. Included with that material will be a special thematic unit on the Wright Brothers designed by CAP for grades K-12.

### Future goals

In the coming year, CAP will focus on motivating its own cadets as well as students in America's school system to consider careers in aerospace-oriented organizations and industries. America's aerospace community is facing tremendous challenges in maintaining the nation's prominence in air and space, including a declining aerospace workforce, foreign competition, and fewer students pursuing

the engineering and technical degrees necessary to support the aerospace needs of tomorrow. In America's school systems today are the workers, engineers, scientists, managers and leaders of the nation's aerospace future. The idea of pursuing aerospace careers must be presented to students as early as possible in their educational lives. CAP is well-positioned to aggressively promote its aerospace education school programs with an eye on America's future.

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*"The students had a great time building the model rockets. Each one was unique. It was really fun to watch their expressions and hear their reactions as they waited for their rockets to 'launch.' Thank you!"*

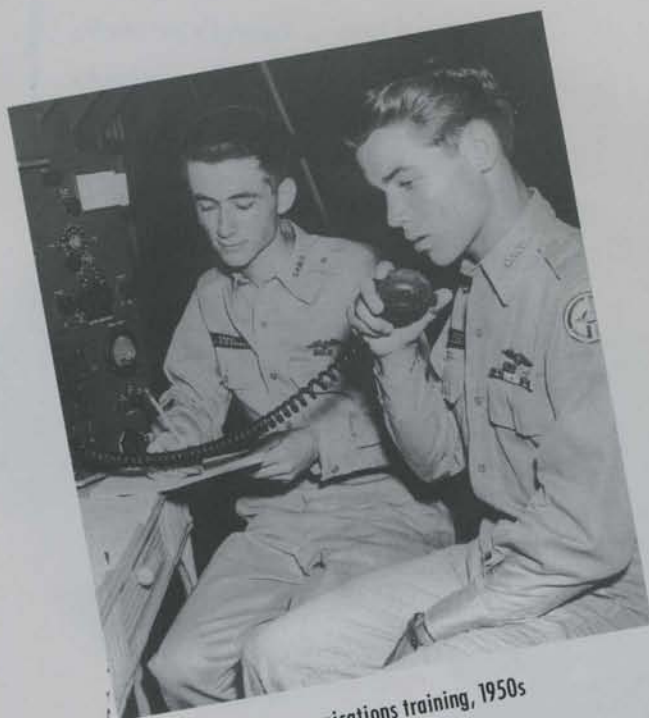
Debbie Gibson, public school teacher and CAP Aerospace Education Member, Pike County Elementary School, Zebulon, Ga.



Gen. James "Jimmy" Doolittle showing a famous World War I fighter plane to members of CAP's Newark Squadron, New Jersey Wing



Operations training carried out at the New Jersey Wing headquarters, 1954



Communications training, 1950s



Photo by Eric S. Chernenkoff

Communications training, 2002



- 122,000 hours flown in operational and training missions
- 88 lives saved
- 16,600 hours flown to support counterdrug operations
- Almost \$1 billion in illegal drugs kept off the streets
- Communications support provided 24/7
- 1,200 scholarships offered to cadets
- 500 members trained at National Emergency Services Academy
- Safety emphasized in new "Sights on Safety" program



Cadet taking part in emergency locator transmitter exercise, 2002

## Emergency services

Though Civil Air Patrol may be best known for work in emergency services, even that area of operations encompasses more than just search and rescue missions and disaster relief. CAP members also help law enforcement agencies with counter-drug missions through aerial reconnaissance and anti-drug campaigns in local communities. In 2002, to help members prepare for these missions, CAP added personnel dedicated to flight training at its national headquarters. Because of

this, CAP now has online training courses available for all its members.

CAP was able to provide communications support from coast to coast and border to border, 24 hours a day, seven days a week.

### Disaster relief, search and rescue

In addition to the many missions resulting from the 9/11 terrorist attacks and 2002 Olympics in Salt Lake City, natural disasters throughout the country demanded intervention from CAP members.



Senior member giving preflight instruction to CAP cadet

CAP provided aerial photography after tornados touched down in Mississippi, Tennessee, Alabama and Indiana, which allowed local emergency management agencies to assess the damage. When, in the wake of record droughts, wildfires threatened both populous areas and valuable forestland in the western United States, CAP helped officials assess damage and spot potential outbreaks.

Of the 122,000 total hours CAP flew in 2002, 102,000 were Air Force-approved missions. In the course of providing disaster relief and con-

ducting search and rescue missions, CAP saved 88 lives – 27 more than in 2001.

### Counterdrug missions

CAP provided several different services in the nation's war on illegal drugs.

Along the U.S.-Mexico border, CAP volunteers coordinated with law enforcement agencies to provide real-time raw information on suspicious activities.

Information provided by California Wing members helped officials confiscate \$10.2 million in illegal substances.

Oklahoma Wing members provided reconnaissance and photography that led to the eradication of nearly 4,500 cultivated marijuana plants and over 15 million growing wild. In New York,

volunteer members provided information that helped officials destroy more than 1,800 cultivated plants.

CAP flew more than 250 hours to help the North America Aerospace Defense Command (NORAD) provide real-world training for several of its air defense sectors. CAP pilots simulated drug-trafficking aircraft trying to sneak in under radar coverage. As a result, NORAD was able to evaluate and calibrate its radars, as well as train its F-15 and F-16 fighter aircrews to intercept suspicious aircraft.

Based on information provided by trained CAP members, officials were able to identify methamphetamine labs and seize illegal drugs, weapons and property. Almost \$1 billion in illegal drugs did



1960s-era cadets and adult members planning CAP mission



not reach the streets of America in 2002 due to the efforts of CAP volunteer members.

### Drug demand reduction

CAP promotes community service as a positive lifestyle. Through its Drug Demand Reduction program, CAP provides young people with information about drug abuse and the advantages of remaining in school. By making more than 1,200 scholarships available for CAP activities throughout the United States, CAP helped its cadets take part in positive activities to which they otherwise would not have had access. In 2002, CAP made available 20% more cadet scholarships than in the previous year.

With its Middle School Initiative, CAP bridges the gap between the Drug Abuse Resistance Education program in elementary schools and the Junior Reserve Officer Training Corps offered in high schools. Through its program in middle schools, CAP teaches not only aviation technology, but also leadership skills, respect, manners and accountability. In the course of

recruiting new CAP members, cadets also distribute Red Ribbon Campaign ribbons at shopping centers, schools, base community centers and parades to demonstrate their support of a drug-free America.

### Safety first

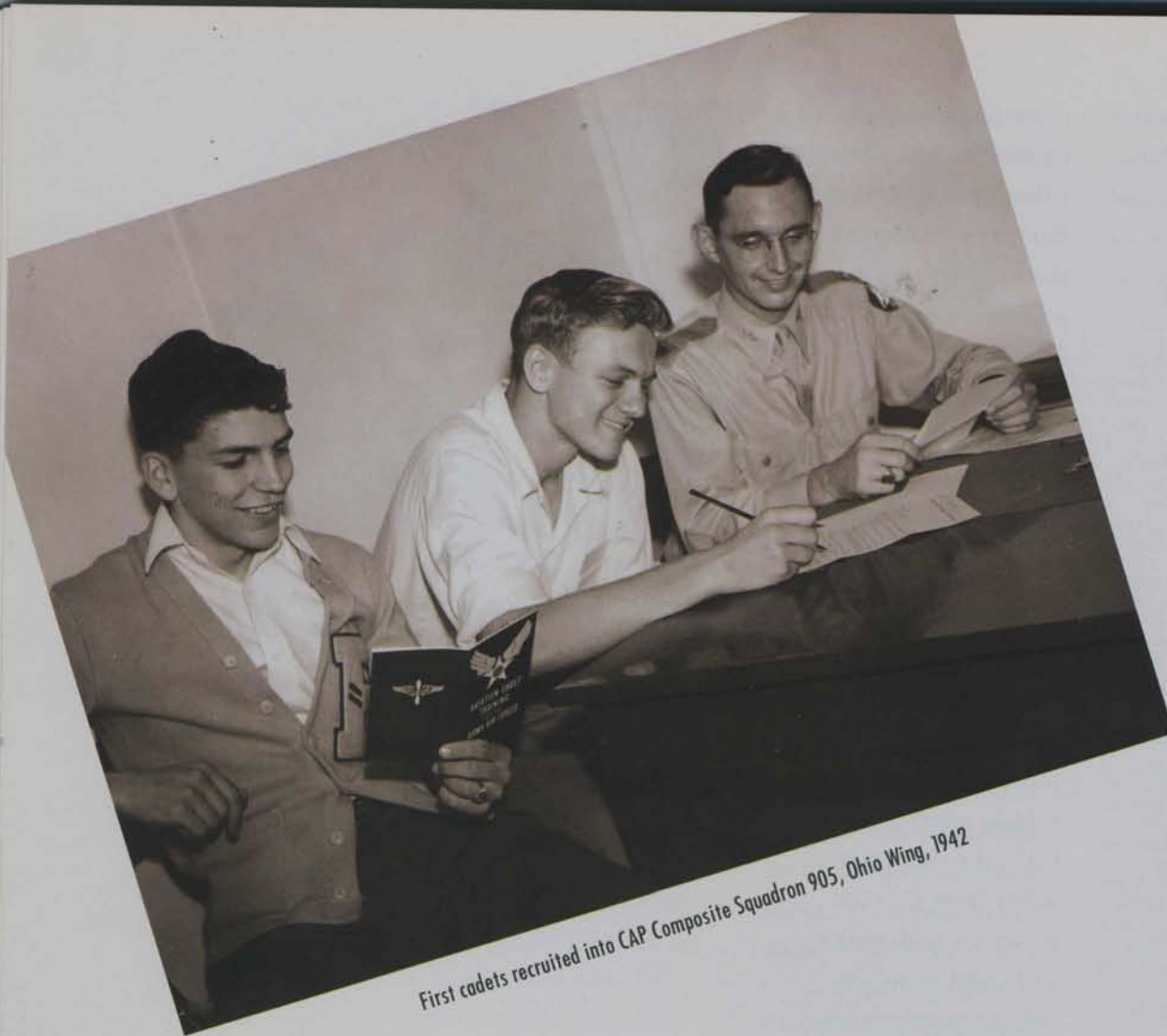
CAP maintains a number of safety programs for its members. This year members continued to work on basic skills through CAP's flight and vehicle safety programs. CAP also emphasized safety from physical injury for both senior and cadet members, helping members integrate risk management into planning for various activities. National Commander Maj. Gen. Rick Bowling also introduced his "Sights on Safety" program this year, encouraging CAP wings to compete against one another in developing their own safety initiatives.

*"Civil Air Patrol is a vital operational asset in determining the success of counterdrug efforts by law enforcement agencies in the Imperial Valley Drug Coalition."*

Chuck Cloud, U.S. Forest Service  
Operations Chief,  
Imperial Valley Drug Coalition  
Law Enforcement Coordination Center



CAP support provided to U.S. Air Force at this crash site.



First cadets recruited into CAP Composite Squadron 905, Ohio Wing, 1942

**"Aeronautics was  
neither an industry  
nor a science. It was  
a miracle."**

Igor Sikorsky



1950s-era CAP cadet with an Air Force T-33



- More than 8,000 orientation flights provided for cadets
- Free uniforms provided to 8,815 (62%) of new cadets
- 9,200 cadets attend encampments
- 200 cadets fly solo in powered and non-powered (glider) aircraft
- \$109,000 in scholarships awarded to 235 cadets
- Cadet membership reaches almost 27,000 – highest since 1989
- 8-10% of cadets at Air Force Academy report Civil Air Patrol experience

## Cadet programs

The Civil Air Patrol's cadet programs focused on three major goals during 2002. Cadets were encouraged to:

*Experience hands-on technology.* Thus, CAP organized the first annual Advanced Technology Academy in Waco, Texas.

*Experience Air Force core values.* CAP focused on values education and character development by teaching the Aerospace Leaders Universal Competencies.

*Experience a variety of career options.* Aerospace education was emphasized to ensure a viable military and civil workforce in the future.



Cadet in preparation for glider flight

### The program

Cadets grow in confidence and maturity as they work to master 16 achievement levels. This year, more than 1,400 cadets earned one of the

major milestone awards in this program. The highest ranking 1,000 achieved officer status in the cadet program, which qualified them to enter the Air Force as an E-3



Cadet in search and rescue training exercise

(Airman 1st Class) rather than an E-1. Twenty-five cadets (a 75% increase from last year) worked their way to the top of this hierarchy, earning the prestigious Gen. Carl A. Spaatz Award, a cadet's highest possible level of achievement.

### **Building leaders for tomorrow**

The five core components of the cadet program include:

*Leadership training*, which encourages critical thinking and planning through classwork and hands-on activities.

Cadets gain a foundation in leadership and air power studies by attending Cadet Officer School (COS). In 2002, 104 cadets attended COS, held at Maxwell AFB, Ala.

*Aerospace education*, an in-depth study of the principles of air and

space and how they govern our everyday life. Cadets explore career opportunities, including military and civilian jobs in this field.

*Physical training*, which uses a graduated scale to realistically challenge cadets at all age and ability levels. This program is tied to the standards set up for the President's Council on Youth Fitness and Sports and rounds out CAP's "whole-person" approach to cadet growth.

*Moral leadership*, which helps cadets develop character and make good choices. Values education for the cadets uses the Air Force's Aerospace Leaders Universal Competencies as a guide.

*Special activities*, including encampments, instruction in first aid and search and rescue,

aviation technology, and flight training. More than 7,000 young people participated in non-powered flight instruction through CAP's popular Glider Program. For many, this was their first step toward a pilot's license.

### **Special activities added in 2002**

A major part of cadet training is provided by special activities. Thirty-eight activities were offered in 2002, with 1,700 cadets attending one or more.

Two special activities also were added to better prepare cadets for today's electronic age. CAP sponsored the first Advanced Technology Academy and the Engineering Technology Academy (E-Tech), the latter conducted in partnership with Auburn University's Samuel Ginn College of Engineering. Through these activities, cadets were exposed to career opportunities in the technical aviation and space arenas. Both activities were so popular that a second Advanced Technology Academy is planned for 2003 and another E-Tech for 2004. CAP also is planning an



Aerospace Education Academy in partnership with the Experimental Aircraft Association for 2003.

Eighty-six cadets and escorts participated in the International Air Cadet Exchange program, visiting 13 different countries. CAP wings hosted groups of international cadets and escorts who spent three days touring Washington, D.C. before going on to activities planned by 14 host wings across the nation. Besides the universal goodwill generated by the cadet exchange, CAP also was able to provide valuable statistical information for the U.S. State Department's research on government-sponsored international exchanges and training.

## Scholarships

The scholarship program for cadets includes both academic and flying components. The academic scholarships for undergraduate and graduate students range from \$250 to \$1,000 per individual and come from Civil Air Patrol, USAA, Who's Who in American High Schools, U.S. Air Force Academy

Preparatory School and the Clara E. Livingston Trust.

The Daedalians, a fraternity of military pilots, offer five scholarships for cadets seeking their private pilot's license and/or pursuing a career in military aviation.

Dowling College and the Spartan School of Aeronautics continue to offer both flying and academic opportunities worth thousands of dollars at their facilities for cadets seeking careers in aviation.

In 2002 the Aircraft Owners and Pilots' Association awarded the top cadet pilots at CAP's National Flight Academies a total of \$4,000 in scholarships for their post-academy flight training.

Also this year, eight cadets were recommended to the U.S. Air Force Academy Preparatory School. Though typically only one is chosen, two of those cadets earned appointments to the school and a third earned a Falcon Foundation Scholarship.



Cadets competing in color guard competition

*"As a longtime member of Civil Air Patrol, I have seen tremendous growth in our young people, from the time they join until the time they leave the program. They have so many opportunities to learn and explore career options. The one thing I think we do best is values education, from our core values to our moral leadership program to the ethics in leadership taught in all our cadet courses. I'm very proud of how we have been able to build responsible citizens for our nation."*

Maj. Phil Holbrook, Kentucky Wing



Former CAP cadet Capt. Jeff Pixley, now an Air Force fighter pilot, in front of an F-16 Falcon



CAP subchasers of World War II returning from a mission, 1942

**"To most people, the sky is the limit. To those who love aviation, the sky is home."**

Anonymous



- Chaplains provided for moral leadership, crisis management
- Technology improved for mission support, administration
- Equipment and procurement process upgraded
- 2,500 professional development courses conducted
- 11,200 members pursuing professional development
- "Virtual schoolhouse" built for distance learning
- Knowledgebase put online for members' just-in-time training
- Toll-free number provided for membership questions
- E-services provided for online information and ordering
- National public outreach supports recruiting
- Internal publications keep membership informed
- Congressional squadron helps maintain legislative support

## Support for CAP missions

### CAP chaplain services

In 2001, the Air Force was authorized to use CAP chaplains to support active duty and Reserve components when directed by the secretary of the Air Force. As a result, CAP chaplains are performing new and varied ministries to support our armed forces at home.

CAP has the largest volunteer chaplaincy in the world. These members meet the same professional and academic standards as Air Force chaplains. They provide for the free exercise of religion, promote spiritual care and character development, and respond to community crises such

as disasters, aircraft accidents and terrorist acts.

In 2002, 646 chaplains and 188 moral leadership officers performed



Photo courtesy of The Fresno Bee

CAP Chaplain Van Don Williams at 9/11 memorial ceremony



1950s-era Seacoast Composite Squadron cadets on parade, Portsmouth, N.H.

and led almost a thousand services for cadets and senior members, along with Air Force active duty and Reserve components. Chaplain services personnel drove at their own expense some 274,460 miles, giving 35,000 hours of service time, including more than 5,000 hours of volunteer counseling.

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*"During Operation Enduring Freedom ... CAP members filled every void and met every need in the communities that the Travis active duty staff could not fulfill ... The CAP members' support and partnership in ministry past, present and future are essential to meeting the needs of the people in the communities we serve."*

Chaplain (Col.) Gregory J. Malinsky, USAF Wing Chaplain, Travis Air Force Base, Calif.

This year, for the first time, select senior CAP chaplains were allowed to attend courses held at the USAF Chaplain Service Institute at Maxwell AFB, Ala. as well as Critical Incident Stress courses through the International Critical Incident Stress Foundation with the Air National Guard.

### **CAP information technology**

CAP continues to improve technology that supports its missions and administrative processes.

In fiscal 2002, appropriated funding was increased to help CAP develop its Integrated Management System and to provide computers and Internet connectivity for its members in the field. CAP also improved its online resource management procedures and distributed 423 computer systems to CAP squadrons to support these online applications.

### **Logistics**

CAP owns the largest fleet of single-engine aircraft in the world. To improve its capabilities in the field, CAP began upgrading its planes this

year, adding radios, emergency locator transmitters, direction finders and global positioning systems.

Nearly 79% of CAP's contract dollars went to small businesses, including more than 15% to disadvantaged and woman-owned firms.

### **Professional development**

This year more than 11,200 members enrolled in the more than 2,500 professional development courses offered nationwide. These courses fulfilled requirements for CAP's 22 specialty tracks, including aerospace education, cadet programs, emergency services, flight operations and communications. Members also studied leadership, management and communication skills at increasing levels of complexity as they advanced through the five steps of the professional development program.

Among the most popular course offerings were the Squadron Leadership School, Corporate Learning Course, Region Staff College and National Staff College, a high-level seven-day program covering such topics as execu-



tive leadership, strategic thinking, leading volunteers, ethics and leadership, and media relations.

CAP is now developing "advanced distributed learning," a low-cost way to deliver member training online. CAP also put online a knowledgebase to give members and staff answers to questions and just-in-time training on a variety of tasks. Since the service was introduced, it has received over a quarter of a million hits.

CAP continues to move toward online learning. Quality training from many sources via the Internet will be an incentive for new members to join and current members to continue.

### Membership recruiting and retention

CAP's membership continued to grow each month during 2002. At the end of fiscal 2002, CAP had 62,350 members from the 50 states, Washington D.C. and Puerto Rico. The period from September 2001 to September 2002 saw an overall increase of 8%, or 4,260 members, attributable to a 9% increase in the number of

cadets and 6% increase in senior members.

In 2002, CAP was able to retain 75% of its senior members and 51% of its cadets. The cadet retention rate was the highest in more than a decade. At the end of fiscal 2002, CAP had 25,996 cadet members throughout the nation from sixth grade to age 21.

As part of the retention effort, CAP National Headquarters implemented a toll-free line for members, as well as e-services on the Web, allowing members to order recruiting materials and update squadron and personnel information anytime day or night.

### Congressional support

Since 1967, CAP's Congressional Squadron has given members of Congress and congressional staff members an opportunity to participate in and support CAP operations. Comprised of more than 250 members, this operational unit has two aircraft at Andrews Air Force Base, Md., and is commanded by Senator Tom Harkin. During 2002 the squadron supported such operations as Air Force



CAP cadets displaying flag in opening ceremonies of the Ford 300 NASCAR race, Homestead-Miami Speedway, 2002

homeland security, counterdrug missions, teacher orientation flights and the filming of an aerospace education documentary movie.



President Dwight Eisenhower visiting with CAP cadets, 1955





1950s-era CAP Flying Sharks

**"As you pass from sunlight into darkness and back again every hour and a half, you become startlingly aware how artificial are thousands of boundaries we've created to separate and define. And for the first time in your life you feel in your gut the precious unity of the Earth and all the living things it supports!"**

Russell Schweickart, astronaut, returning from Apollo 9



International Space Station, expected to be complete in 2005



# Governance



**Lt. Gen. Nicholas B. Kehoe, USAF Ret.**  
Chairman, Board of Governors



**Maj. Gen. Richard L. Bowling, CAP**  
National Commander



**Col. George C. Vogt, USAF**  
Senior Air Force Advisor

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National Vice Commander

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CAP member-at-large

*Col. Robert C. Bess, CAP*  
CAP member-at-large

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*Col. Joseph C. Meighan Jr., CAP*  
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*Col. Richard A. Probst, CAP*  
National Inspector General

*Chaplain (Col.) James H. Melancon, CAP*  
Chief of Chaplain Service

### Northeast Region

*Col. Richard A. Greenhut, CAP*  
Commander

### Northeast Region Wing Commanders

*Col. Karen K. Payne, CAP*  
Connecticut

*Col. Mitchell P. Sammons, CAP*  
Maine

*Col. Frederick B. Belden, CAP*  
Massachusetts

*Col. Margie L. Sambold, CAP*  
New Hampshire

*Col. Cornelius J. Flynn, CAP*  
New Jersey

*Col. Austyn W. Granville Jr., CAP*  
New York

*Col. Fredric K. Weiss, CAP*  
Pennsylvania

*Col. Anthony L. Vessella Jr., CAP*  
Rhode Island

*Col. James D. Rowell, CAP*  
Vermont

### Middle East Region

*Col. Robert T. Townsend, CAP*  
Commander

### Middle East Region Wing Commanders

*Col. Raymond E. Harris, CAP*  
Delaware

*Col. Lawrence L. Trick, CAP*  
Maryland

*Col. Franklin J. McConnell Jr., CAP*  
National Capital

*Col. Harold J. Schaffer, CAP*  
North Carolina

*Col. Saul H. Hyman, CAP*  
South Carolina

*Col. Joseph R. Vazquez, CAP*  
Virginia

*Col. Rodney F. Moody, CAP*  
West Virginia

## National Board members (continued)

### Great Lakes Region

Col. William S. Charles, CAP  
Commander

### Great Lakes Region Wing Commanders

Col. Jay R. Burrell, CAP  
Illinois  
Col. Charles H. Greenwood, CAP  
Indiana  
Col. Loretta L. Holbrook, CAP  
Kentucky  
Col. William W. Webb, CAP  
Michigan  
Col. Michael J. Murrell, CAP  
Ohio  
Col. Clair D. Jowett, CAP  
Wisconsin

### Southeast Region

Col. Antonio J. Pineda, CAP  
Commander

### Southeast Region Wing Commanders

Col. John E. Tilton, CAP  
Alabama  
Col. Matthew R. Sharkey, CAP  
Florida  
Col. Charles D. Greene, CAP  
Georgia  
Col. Donald B. Angel, CAP  
Mississippi  
Col. Milton Tomassini, CAP  
Puerto Rico  
Col. James M. Rushing, CAP  
Tennessee

### North Central Region

Col. Rex E. Glasgow, CAP  
Commander

### North Central Region Wing Commanders

Col. Russell E. Smith, CAP  
Iowa  
Col. George M. Boyd, CAP  
Kansas  
Col. Dale E. Hoiun, CAP  
Minnesota  
Col. Joe E. Casler, CAP  
Missouri  
Col. Warder L. Shires, CAP  
Nebraska  
Col. K. Walter Vollmers, CAP  
North Dakota  
Col. Mary F. Donley, CAP  
South Dakota

### Southwest Region

Col. Thomas L. Todd, CAP  
Commander

### Southwest Region Wing Commanders

Col. James A. Mooney, CAP  
Arizona  
Col. Reggie L. Chitwood, CAP  
Arkansas  
Col. Mary D. Berkowitz, CAP  
Louisiana  
Col. James P. Norvell, CAP  
New Mexico  
Col. Virginia P. Keller, CAP  
Oklahoma  
Col. George H. Parker, CAP  
Texas

### Rocky Mountain Region

Col. Lynda C. Robinson, CAP  
Commander

### Rocky Mountain Region Wing Commanders

Col. John R. Buschmann, CAP  
Colorado  
Col. Bobby A. Picker, CAP  
Idaho  
Col. Jan E. Van Hoven, CAP  
Montana  
Col. Jack D. Butterfield, CAP  
Utah  
Col. William R. Morton Jr., CAP  
Wyoming

### Pacific Region

Col. Phillip S. Groshong, CAP  
Commander

### Pacific Region Wing Commanders

Col. Robert L. Brouillette, CAP  
Alaska  
Col. Larry F. Myrick, CAP  
California  
Col. Stanley Y. Fernandez, CAP  
Hawaii  
Col. Matthew B. Wallace, CAP  
Nevada  
Col. Steven A. Senderling, CAP  
Oregon  
Col. Roy L. Stephenson, CAP  
Washington

# Strategic partnerships

Aerospace Education Foundation  
Air Force National Security Emergency  
Preparedness  
Air Force Rescue Coordination Center  
Air Force Association  
Air Force Sergeants Association  
Air Force Vision 2000  
Air Force Academy  
Air Force ROTC  
Aircraft Owners and Pilots Association  
American Red Cross  
American Radio Relay League  
Aviation Week's "Next Century of  
Flight" program  
Canadian Search and Rescue

Drug Education For Youth  
Drug Enforcement Administration  
El Paso Intelligence Center  
Experimental Aircraft Association  
Federal Emergency Management Agency  
Military Chaplains Association  
National Aeronautics & Space  
Administration  
National Aeronautics Association  
National Association for Search and  
Rescue  
National Citizen Corps Council National  
Guard Bureau  
National Interagency CounterDrug  
Institute

National Oceanic and Atmospheric  
Administration  
National Weather Service  
North American Air Defense Command  
Space Foundation  
Soaring Society of America  
Student Pilot Network  
The Spaatz Association  
Transportation Security Administration  
USAF Reserve  
U.S. Coast Guard  
U.S. Coast Guard Auxiliary  
U.S. Forest Service  
Young Astronaut Council





CAP Board of Governors meeting in Philadelphia, 2002

## 2002 actions by Board of Governors

Civil Air Patrol's governing body, the Board of Governors, met four times during 2002 to deliberate policy issues. All meetings were chaired by retired Air Force Lt. Gen. Nicholas B. Kehoe, chairman of the board. Highlights of board actions include:

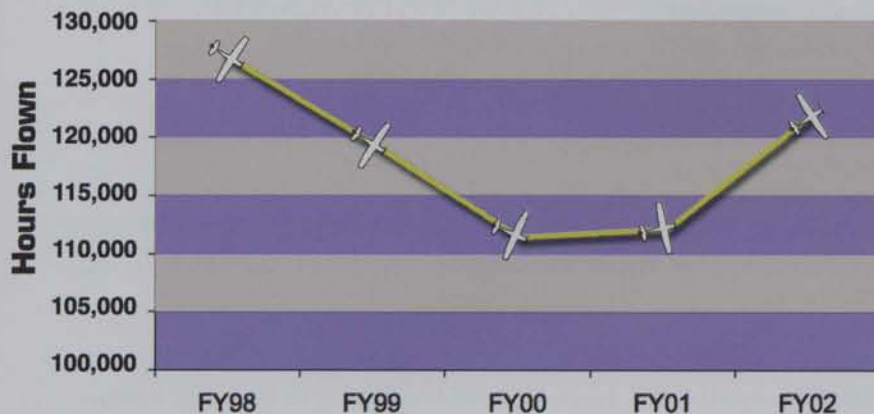
- Reviewed and revised board member responsibilities, including those below.
  - Determine CAP mission and purpose
  - Select the executive director
  - Support and assess executive director's performance
  - Ensure effective organizational planning
  - Manage resources effectively
  - Determine, monitor and strengthen programs and services
  - Enhance public standing
  - Ensure legal and ethical integrity and maintain accountability
  - Recruit and orient new board members and assess board performance
- Defined CAP's role in the upcoming homeland security mission
- Selected retired Air Force Col. Al Allenback as CAP executive director
- Approved several changes to CAP's constitution and bylaws
- Approved CAP's participation for year two in the NASCAR Busch Series
- Endorsed the fiscal 2005-09 funding proposal

# Membership and mission stats

State / Wing	Cadets	Seniors	Total	Mission Flying Hours	Other Flying Hours	Total Flying Hours	Lives Saved
Alabama	318	816	1,134	3,351	447	3,798	1
Alaska	195	999	1,194	4,119	661	4,779	19
Arizona	557	814	1,371	2,856	534	3,391	-
Arkansas	297	345	642	2,211	104	2,315	-
California	1,456	2,200	3,656	6,194	997	7,191	1
Colorado	823	1,220	2,043	3,685	97	3,782	4
Connecticut	329	270	599	567	97	664	-
Delaware	166	250	416	859	43	901	-
Florida	1,910	2,267	4,177	4,264	658	4,922	2
Georgia	673	1,022	1,695	2,438	685	3,124	1
Hawaii	165	294	459	1,090	32	1,122	-
Idaho	228	244	472	1,075	53	1,127	6
Illinois	664	799	1,463	2,004	101	2,105	-
Indiana	364	447	811	1,402	251	1,653	-
Iowa	161	303	464	1,279	212	1,490	-
Kansas	172	457	629	843	65	908	-
Kentucky	223	465	688	2,739	335	3,074	-
Louisiana	274	537	811	2,388	519	2,907	-
Maine	194	301	495	1,227	327	1,555	4
Maryland	731	703	1,434	2,508	607	3,115	-
Massachusetts	547	611	1,158	1,307	453	1,760	-
Michigan	528	826	1,354	1,978	394	2,372	1
Minnesota	604	767	1,371	4,185	666	4,851	-
Mississippi	162	431	593	1,842	138	1,980	-
Missouri	533	480	1,013	681	179	859	-
Montana	178	203	381	705	14	719	5
National Capital	284	242	526	623	67	690	-
Nebraska	224	329	553	1,015	136	1,151	-
Nevada	339	603	942	2,470	88	2,557	28
New Hampshire	291	305	596	782	122	904	-
New Jersey	790	672	1,462	1,405	267	1,672	-
New Mexico	281	524	805	2,169	267	2,436	3
New York	1,294	1,387	2,681	3,177	620	3,797	-
North Carolina	617	984	1,601	1,447	563	2,010	-
North Dakota	114	195	309	1,086	169	1,255	-
Ohio	789	914	1,703	1,550	175	1,724	-
Oklahoma	335	509	844	1,626	532	2,158	-
Oregon	325	534	859	1,247	114	1,361	3
Pennsylvania	1,249	1,275	2,524	3,944	623	4,567	2
Puerto Rico	1,151	455	1,606	325	12	337	-
Rhode Island	130	131	261	372	99	470	-
South Carolina	678	605	1,283	2,383	504	2,887	-
South Dakota	126	203	329	1,142	48	1,190	-
Tennessee	595	798	1,393	1,832	214	2,046	-
Texas	1,261	1,792	3,053	4,834	948	5,782	2
Utah	238	486	724	2,376	78	2,454	4
Vermont	118	210	328	325	214	539	-
Virginia	709	948	1,657	3,085	421	3,506	1
Washington	784	772	1,556	1,950	469	2,420	-
West Virginia	235	449	684	1,196	286	1,482	-
Wisconsin	392	820	1,212	4,273	413	4,686	1
Wyoming	108	202	310	566	85	652	-
Other CAP Units	87	1,939	2,026	717	45	762	-
<b>Total</b>	<b>25,996</b>	<b>36,354</b>	<b>62,350</b>	<b>105,709</b>	<b>16,247</b>	<b>121,956</b>	<b>88</b>



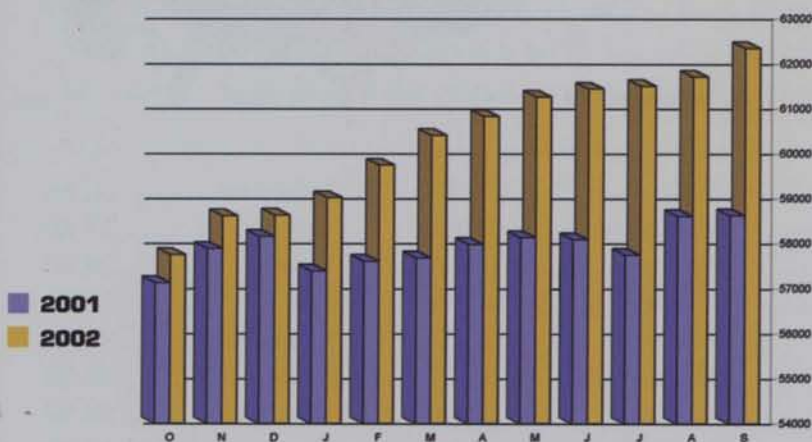
### Five-year trend in total flying hours



**"Civil Air Patrol has experienced continued growth every month since establishing our marketing platform, sponsorship in the NASCAR Busch Grand National Series. Obviously our increased media exposure is achieving the level of visibility we had hoped to gain."**

Maj. Gen. Richard L. Bowling,  
National Commander

### FY 2002 Monthly Membership Growth 62,350 total



# Financial statement

## U.S. Air Force appropriated funds provided to support Civil Air Patrol programs

Operations and maintenance	\$ 26,263,762
Liaison salaries and benefits	2,141,162
Liaison operational expenses	261,838
Emergency services	
Search and rescue missions	6,591,363
Counterdrug missions	2,961,225
Drug demand reduction program	400,000
Liability insurance	1,493,800
Vehicle/equipment maintenance	562,400
Aircraft maintenance	1,561,000
Communications maintenance	1,268,349
Aerospace education	3,926,417
Cadet programs	4,417,910
General and administrative	678,298
<b>Procurement</b>	<b>3,368,000</b>
Aircraft procurement	2,583,000
Vehicle procurement	785,000

**TOTAL** .....\$ 29,631,762

## State funding

Alabama	\$125,000
Alaska	\$503,100
Arizona	\$58,625
Arkansas	\$75,000
California	\$80,000
Colorado	\$170,583
Connecticut	\$36,000
Delaware	\$27,000
Florida	\$55,000
Georgia	\$57,000
Illinois	\$51,769
Kansas	\$25,000
Kentucky	\$30,000
Louisiana	\$95,000
Maine	\$25,000
Maryland	\$38,700
Massachusetts	\$22,500
Minnesota	\$65,000
Mississippi	\$60,000
Missouri	\$18,866
Nebraska	\$35,000



Nevada	\$135,000	South Carolina	\$62,096
New Hampshire	\$61,628	South Dakota	\$31,800
New Jersey	\$35,000	Tennessee	\$146,043
New Mexico	\$105,000	Utah	\$75,000
North Carolina	\$215,797	Vermont	\$35,000
North Dakota	\$27,433	Virginia	\$100,000
Oklahoma	\$36,500	West Virginia	\$86,900
Pennsylvania	\$300,000	Wisconsin	\$19,000



# Report from the Executive Director

*"Become the most respected name in homeland security, emergency services, aerospace education, and building good citizens for America!"*

Civil Air Patrol Headquarters new vision statement



The landscape has changed for Civil Air Patrol's service as the AF auxiliary, community responders, and leaders of our youth. The attacks on our country have raised people's awareness of their everyday surroundings and mobilized our communities to prevent future terrorism. We have seen our membership grow as many people find service in CAP as the way to make a personal difference in this war.

"Prevent, protect and respond" to homeland security threats requires all Americans to work as a team. Our nation needs an organization of volunteers that can supplement federal, state, and local government agencies in protecting our homeland. CAP is one of those **relevant** organizations on the team, with a long history of service, more than 62,000 volunteers, a fleet of 550 general aviation aircraft, and a **responsive** communications system second to none, all coordinated by a National Operations Center. CAP is uniquely positioned to offer a major contribution to our nation's security.

Challenged with a growth in membership and an evolving homeland security mission, CAP's National Headquarters team is transforming to better serve our volunteer membership.

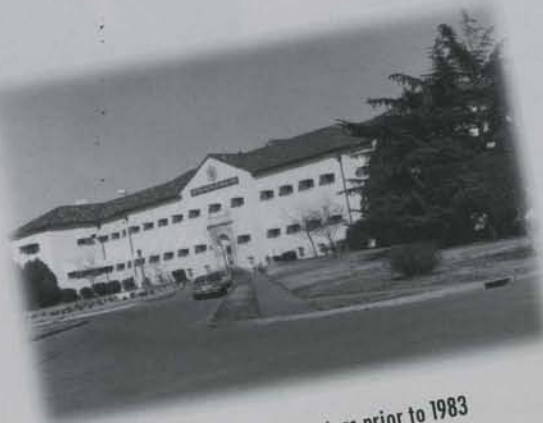
Our target is a modern, more efficient structure that will focus our resources on providing first-class programs and raising the level of service to our members. Our way ahead will increase the homeland security role, improve the membership experience, improve the CAP and Air Force relationship, improve corporate performance and increase visibility of our programs.

We are making this transformation with existing resources so we will be better positioned to partner with other agencies. We view these changes as central to CAP's realizing its potential as the nation's premier volunteer service organization, and maximizing our partners' performance. Our attitude at CAP's corporate team headquarters is that the purpose of a headquarters is to help and assist our volunteers in the field and find ways to make things happen!

As we look back at our nation's progress in aviation and space over the past century, we are encouraged in our goals for positive change in the years ahead. As renowned fighter pilot ace, and airline CEO Eddie Rickenbacker said, "Aviation is proof that, given the will, we have the capacity to achieve the impossible." Regardless of the challenges we face, CAP will continue to reach for the sky.

AL ALLENBACK  
Executive Director, CAP

# National Headquarters



CAP National Headquarters prior to 1983



CAP National Headquarters with "Birddog" plane and memorial to CAP members "who gave their lives performing missions in the interests of their country and fellow Americans," Maxwell AFB, Ala., 2002

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**1961**  
Yuri Gagarin  
First man in space



**1961**  
Alan B. Shepard Jr.  
First American in space



**1973**  
Skylab  
First U.S.  
space station



**1980**  
Mt. St. Helens  
CAP flying  
disaster relief



**1981**  
Space shuttle  
First flight of  
U.S. space shuttle



**1990**  
Hubble Space  
Telescope  
Opening new era  
in astronomy

**1991**  
Earthquake  
CAP responding to San  
Francisco earthquake



**2001**  
Ground Zero  
CAP photographing  
Ground Zero after  
terrorist attacks of 9/11



**2002**  
Olympics  
CAP supporting 2002  
Winter Olympics

1960

1970

1980

1990

2000

2010

**1963**  
Valentina V.  
Tereshkova  
First woman in space



**1963**  
Search and Rescue  
CAP logging 75%  
of inland search and  
rescue missions



**1967**  
North American X-15  
Setting speed record of  
over 4,534 mph



**1969**  
Neil Armstrong &  
Edwin "Buzz" Aldrin  
First men on the moon



**1978**  
Double Eagle  
First balloon  
flight across  
the Atlantic

**1983**  
Gulon S. Bluford Jr.  
First African American  
astronaut



**1983**  
Sally Ride  
First U.S. woman  
astronaut

**1986**  
Counterdrug  
CAP beginning  
counterdrug  
missions

**1995**  
Galileo  
First space  
probe released  
into Jupiter's  
atmosphere



**2002**  
Erik Lindbergh  
Recreating his  
grandfather's 1927  
solo flight across  
the Atlantic



**1997**  
Mars  
Pathfinder  
Landing on Mars



**2003**  
CAP Homeland Security  
CAP first security flight  
for NASA



**1998**  
John Glenn  
Oldest American  
to fly in space

*Celebrating a Century of Flight*



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