

2007



*Citizens Serving Communities Through  
Aerospace Education, Cadet Programs & Emergency Services*

ANNUAL  
REPORT TO  
CONGRESS





# CAP Leadership



It was a year of firsts in Civil Air Patrol in 2007. New initiatives designed to move the organization forward touched literally every aspect of CAP's Missions for America.

In addition to wildfires, flooding, twisters and an array of other disaster relief, emergency services and search and rescue missions that saved a phenomenal 103 lives this year, up from 58 last year, CAP's 56,000 volunteers conducted 300 SARs for downed aircraft, including the longest search in modern history for famed aviator Steve Fossett. Whereas most search and rescue missions last only a few days, this one stretched to 30; the search area was equally as daunting — more than 22,000 square miles of the nation's most treacherous terrain, marked by ridgetop winds, rugged mountains, deep canyons, craggy ravines and heavy vegetation.

As CAP's pilots flew 629 flights totaling 1,774 flying hours and ground teams provided support for a combined total of 17,000 man-hours, the international media tracked and reported our every move. The unprecedented coverage resulted in more than 7,200 stories featuring CAP that were aired and pub-

lished worldwide.

CAP members' role in the Fossett search, as with all other missions, cost only \$100 per aircraft hour flown. Considering that CAP is annually tasked by the Air Force Rescue Coordination Center with more than 90 percent of the nation's continental inland search and rescue missions, CAP's cost savings as an all-volunteer organization is huge.

The Civil Air Patrol's cutting-edge ARCHER (airborne real-time cueing hyperspectral enhanced reconnaissance) technology was one of the tools that helped CAP find five old crash sites during the search for Fossett, some dating from the 1960s and 1970s. In addition to its ongoing use in finding unique objects on the ground, ARCHER was used in 2007 to assess damage from an inland oil spill in Kansas for the Environmental Protection Agency and pine beetle infestation in Colorado for the U.S. Geological Survey.

ARCHER was complemented by the purchase of sophisticated communications equipment funded by the Air Force. The multiyear upgrades include approximately 6,000 VHF mobile radios and 2,500 VHF portable radios, as well



as purchase of 67 high-frequency radio deployment packages that can be set up quickly in remote sites in an emergency.

There was growth in CAP's program offerings as well. The Junior Cadet Program, CAP's premier program for K-5 students, debuted at 20 schools across the nation. The pilot program, which was introduced to 7,000 students, brings CAP's reach full circle by providing opportunities for personal growth to youth of all ages.

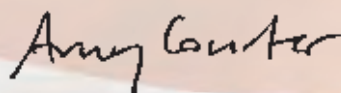
In addition, the inaugural Public Affairs Officer Academy, which attracted 90 PAOs representing 40 wings and all eight regions, featured discussion of CAP's new national public awareness plan and seminars on topics critical to CAP's success.

New resources developed to support CAP's aerospace education program included the introduction of three textbooks — "Aerospace for the Very Young," "AEX for Senior Members" and the second edition of "Aerospace: The Journey of Flight."

One other program — Wreaths Across America — again captured the national media spotlight in its second year of implementation with significant growth in the number of wreaths laid

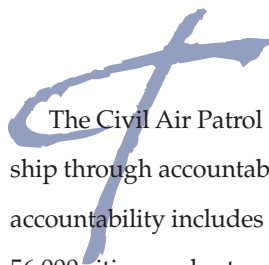
— from 9,000 to more than 32,000; the number of veterans' cemeteries benefiting from the ceremony grew as well, from 230 to 268. A first-ever wreath-laying ceremony was held overseas by the Spangdahlem Cadet Squadron in Germany at Luxembourg American Cemetery, and wreaths were laid at the Civil Air Patrol Memorial at Arlington National Cemetery and at the Air Force Memorial at our nation's capital.

The Civil Air Patrol's meritorious accomplishments in 2007 are a tribute to the dedication, commitment and tenacity of our volunteers. For 66 years, they have diligently risen to the call of duty, serving the citizens of their communities, often on a moment's notice, and always with the highest level of professionalism. This 2007 Annual Report to Congress and Annual Performance Report salutes each and every one of them for their duty before self as America's consummate "Citizens Serving Communities."



Brig. Gen. Amy S. Courter, CAP National Commander (Interim)

*NOTE: Financial information and member and mission data in this report reflect FY '07 information; all other data are from the 2007 calendar year.*



The Civil Air Patrol strives to better serve America by exercising good stewardship through accountability at every level of the all-volunteer organization. That accountability includes an emphasis on ensuring the safety of CAP's more than 56,000 citizen volunteers, on properly managing CAP's federal money and on effectively maintaining CAP's fleet of 530 aircraft and other property assets.

Through these and other programs, CAP builds public trust, which is essential for all corporations but especially to a nonprofit organization that depends on public support.

## **HOW CAP IS GOVERNED**

The Board of Governors is the governing body of the Civil Air Patrol, part of a solid corporate structure firmly guiding the organization. The Board of Governors serves as the strategic policy-making and guidance body for CAP by reviewing and determining long-range plans and programs. It also serves as a team of expert advisers and oversees the CAP inspector general and Membership Action Review Board.

CAP's National Board serves as a legislative body focused on setting policy for the day-to-day operations and internal matters of CAP. There are 69 members on the National Board: the national commander, national vice commander, CAP wing and region commanders and several other national-level commanders, as well as the CAP-USAF commander, who is a nonvoting member. This body elects CAP's national commander and national vice commander. Day-to-day management of CAP's volunteers rests with the commanders on the National Board and the subordinate commanders they appoint. Employees of CAP are the responsibility of the executive director at National Headquarters.

The National Board meets twice a year — once in the winter and once in the summer. When the National Board is not in session, CAP's National Execu-

tive Committee, or NEC, is in charge. The NEC, which meets as needed, consists of 17 members composed of the CAP national commander and national vice commander, CAP region commanders and several other national-level officers, as well as the CAP-USAF commander.

## **SAFETY FIRST**

This year, Civil Air Patrol redefined what constituted its three classifications of safety mishaps: accident, incident and minor mishap.

Though CAP suffered three aircraft accidents during fiscal year 2007, one resulting in three deaths, CAP's accident rate per 100,000 flight hours is less than half that suffered by the general aviation community as a whole. This is significant, because CAP's flying missions are much more challenging than typical general aviation flights.

The fatal mishap was followed immediately by a national commander-directed safety stand-down by all units. Increased emphasis on aircraft ground handling resulted in a 50-percent reduction in these types of mishaps.

Two vehicle accidents during fiscal year 2007 represented a continued decrease in this area. CAP's accident rate is .006 per 1 million miles driven.

Most bodily injury mishaps occurred during the high-activity summer

months. In response, CAP is instituting programs that stress the use of protective equipment and proper hydration, with special emphasis placed on risk management for summer activities.

National Headquarters, commanders and safety officers received electronic notification of mishaps this year. Also, safety mishaps were reported online and investigation reports were electronically tracked and submitted.

Overall, the entire membership has developed a safety-first attitude, which has become an integral part of all CAP activities. Commanders rigidly enforce safety training and have no tolerance for unsafe acts. Also, members were encouraged to recognize, correct and report items or actions that appeared to be hazardous or unsafe.

#### **WING BANKER PROGRAM**

Accounting for all revenues and expenditures through the Wing Banker Program, which is being adopted by every CAP wing, is paramount to CAP's success in using its resources wisely. As its name implies, the Wing Banker Program pools all squadron money in CAP's 52 wings. Each wing serves as the banker for its squadrons. The wing holds the funds, pays out the money for expenditures and bills, and does the accounting and reporting. Since each squadron maintains a finance committee, it has control over its money.

This consolidated financial management program, the brainchild of a CAP member, ensures CAP can attain an unqualified audit, which builds public trust by substantiating unquestionable accountability. As an added bonus, the Wing Banker Program will position CAP to be eligible for additional grant money.

National Headquarters has developed a Web page devoted to assisting wings in implementing the Wing Banker Program. The site contains forms developed by various wings and briefings detailing the purpose of the

program.

#### **CONSOLIDATED AIRCRAFT MAINTENANCE**

Civil Air Patrol's consolidated aircraft maintenance program moved from a test phase to full implementation in 2007. In this program, contract facilities are selected through a competitive bid process. The program standardizes and improves maintenance practices, ensures CAP receives the best prices for both parts and labor and reduces the volunteers' workload, allowing them more time to focus on training and missions. Parts and labor data from aircraft inspections or repairs are analyzed to help identify ways to further improve CAP's fleet management capability.

By the end of the year, 27 wings and more than 290 aircraft were enrolled in consolidated maintenance. For wings enrolled in the program, National Headquarters pays maintenance costs directly to the contract repair facility, relieving the wing of the payment burden. Consolidated maintenance is being phased in over the next three years.

#### **PROPERTY MANAGEMENT**

CAP has effective management systems that account for all equipment it is allocated, including computers, communications devices and vehicles. In 2008 CAP will upgrade and consolidate these systems into a new Web-based property and inventory management system. The application will combine all of CAP's property management functions into a single database capable of managing all property assignments and property actions.

The new system will provide real-time visibility of equipment location and status and will improve accountability for issued items. The system also will be used to aid in budget construction, since it will have the ability to forecast equipment life cycles and to refresh requirements. ▲

# Emergency Services

In 2007, Civil Air Patrol members faced an array of destructive natural elements as they performed Missions for America. Volunteers flew wildfire reconnaissance missions in California, Utah, Florida and Georgia; helped communities battle severe rain and flooding in Minnesota, Wisconsin, Washington state and Oregon; assisted residents of twister-torn towns in Kansas and Michigan in the wake of a series of debilitating storms; and provided compelling programs across the nation that helped America's youth "Just Say No" to drugs.

Meanwhile, CAP took to the air and ground to conduct 300 search and rescue missions for downed aircraft, as well as for an assortment of lost citizens nationwide, including hunters, hikers and the mentally ill. Their efforts helped save 103 lives.

Homeland security, CAP's founding

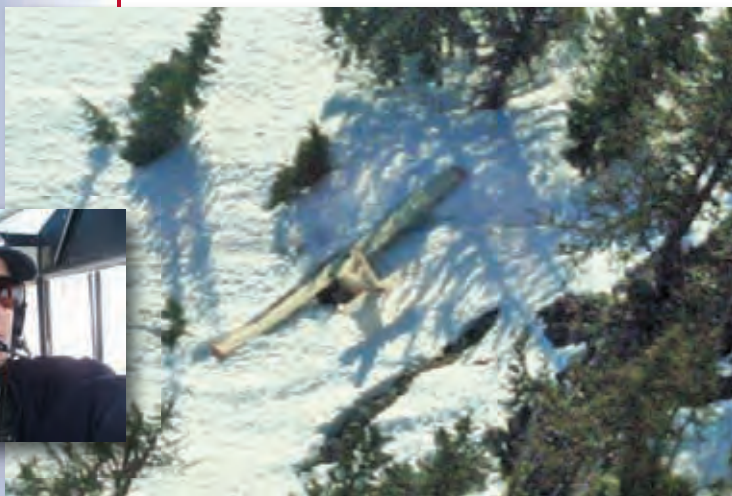
mission, continued to grow in 2007. CAP conducted road, bridge and bay patrols in Maryland, escorted Navy frigates in Maine, simulated potential threats to the nation's capital during air-defense training missions and helped test the Air Force's visual warning system for pilots who fly into Washington, D.C.'s no-fly zones.

These missions were conducted by volunteers who readily took time away from their jobs to contribute their talent and expertise, often on nights, weekends and holidays. The cost to taxpayers was minimal — only about \$100 per flying hour.

The search for Steve Fossett gave CAP a worldwide audience and, as a result of this mission, the organization is now readily associated with search and rescue.

In addition, Chaplain Service mis-

sions expanded in 2007, along with the number of chaplains and moral leadership officers. The volunteer chaplaincy is the nation's largest, offering moral and spiritual support throughout America and abroad.



*Missions:*





7



REBUILDING, PROTECTING COMMUNITIES

## UNPRECEDENTED SEARCH

CAP's search for record-setting aviator Steve Fossett, who took off for a solo flight on Labor Day from the Flying M Ranch — a recreational airport about 70 miles southeast of Reno owned by his friend, hotel mogul Barron Hilton — was the nation's longest and perhaps most expensive in modern history. Fossett did not file a flight plan and the plane's emergency locator transmitter apparently never activated.

Civil Air Patrol pilots from Nevada, California and six other wings partnered with the Nevada National Guard, the Air Force Rescue Coordination Center, the U.S. Army, the state Departments of Emergency Management and Public Safety and ground crews organized by local authorities to search for the wealthy adventurer.

During the monthlong search, volunteers swept a 22,000-square-mile area in the heart of the nation's most desolate terrain in Nevada and California. Treacherous winds in the region prevented flights on some days. Aircrews searched repeatedly at different times of day so they could better see into the steep mountain ravines. Ground teams searching on foot and horseback and in all-terrain vehicles simultaneously

combed the same target areas. At its peak, the search involved more than 45 aircraft, most from CAP's fleet. CAP pilots flew 629 flights totaling 1,774 flying hours. Civil Air Patrol invested more than 17,000 man-hours in the mission, both in the air and on the ground.

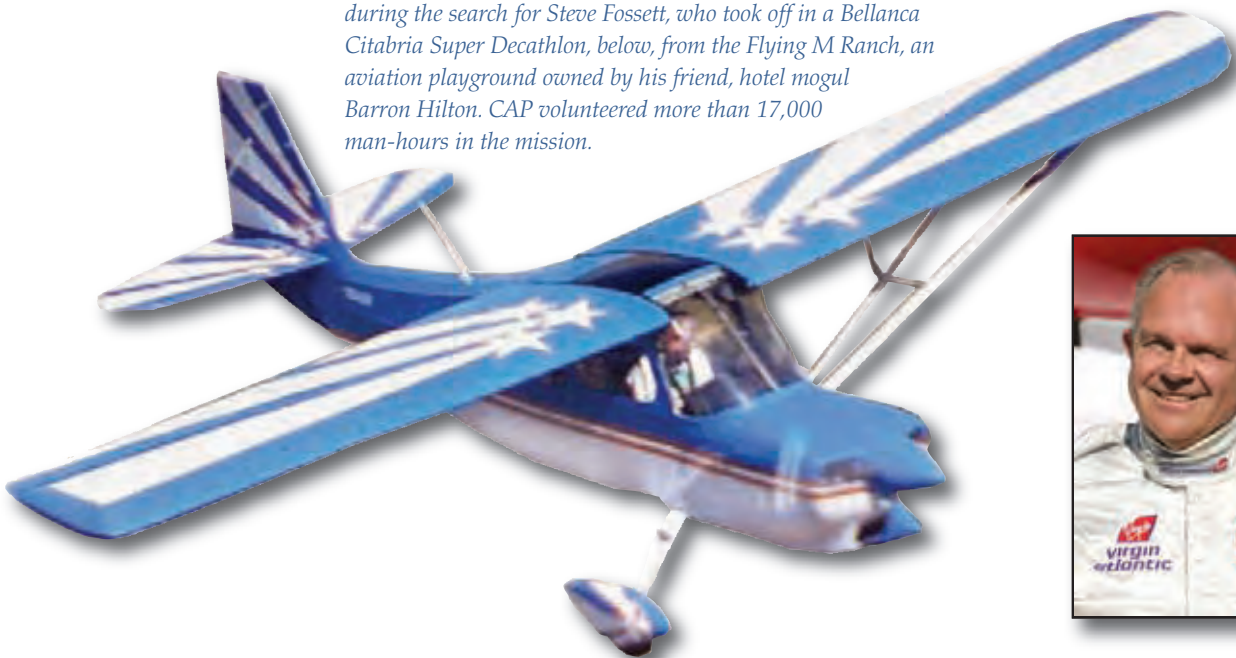
## GUARDING THE U.S.

Though CAP is best known for search and rescue and disaster relief, its role in homeland security continues to increase. In 2007, missions included Washington, D.C., protection exercises and terrorism preparedness.

CAP aircraft simulated potential threats to the nation's capital during Falcon Virgo missions conducted within the Air Defense Identification Zone (ADIZ) and the Flight Restricted Zone (FRZ). National Capital Wing and Congressional Squadron Cessna 172s and 182s flew more than 165 hours, a 25-percent increase from 2006, acting as targets to support the ground and air forces that protect the capital.

As CAP planes closed in on the restricted areas, Air Force F-16 fighters intercepted the mock enemies and turned them over to Coast Guard helicopters for escort out of the airspace; at the same time, ground forces tracked them with

CAP PILOTS FLEW 629 FLIGHTS totaling 1,774 hours during the search for Steve Fossett, who took off in a Bellanca Citabria Super Decathlon, below, from the Flying M Ranch, an aviation playground owned by his friend, hotel mogul Barron Hilton. CAP volunteered more than 17,000 man-hours in the mission.







*CIVIL AIR PATROL VOLUNTEERS and members of the 123rd Fighter Squadron of the Oregon Air National Guard's 142nd Fighter Wing stand in front of one of the Guard's F-15 Eagles, which encounter CAP Cessna 182 Skylanes during flights that simulate the interception of terrorists.*

radar and surface-to-air missiles.

Before the live missions began, CAP's New Mexico, Oklahoma, Texas and Arkansas wings flew at numerous times both day and night for two weeks to help train Army personnel who guard the capital throughout the year. CAP flew more than 150 hours on radar-calibration flights and acted as target aircraft.

Civil Air Patrol also helped the Air Force test its visual warning system for pilots, a security system that signals aviators who fly into the Washington, D.C., area's "no-fly" zones with low-power laser beams in an alternating red-red-green light sequence. The system warns pilots they are entering the restricted area.

In addition, throughout the year, Oregon Wing pilots were "targeted" by F-15s of the 142nd Fighter Wing of the Oregon Air National Guard. The exercises helped the fighter pilots practice visual identification and intercept procedures. Many other CAP wings performed the same missions with their local Air National Guard and active

duty units.

And in 2007, CAP aircraft continued to escort new U.S. Navy frigates sailing on the Kennebec River between Bath Iron Works in Bath, Maine, and the Atlantic Ocean. As ships from the Iron Works wound their way to the Atlantic, CAP helped ensure that unknown vessels remained outside the ships' security zone.

### **ROUGH WATERS**

Members in several wings also helped communities battle severe rains and flooding throughout the year.

In August, approximately 200 members of the Minnesota and Wisconsin wings assisted with mandatory evacuations, road closures, security, traffic control, road repair and cleanup of debris in the wake of flooding in southern Minnesota. CAP provided more than 5,600 man-hours of support.

CAP launched aircraft to provide communications support for ground operations, provided aerial photography of the devastated tri-county area and flew Houston County officials over Houston,



Hokah, Brownsville and La Crescent Township, some of the hardest-hit areas.

In Washington state, where rain left behind more than 6 feet of water in some places, the Lewis County Composite Squadron transported 45 helicopter rescue victims from the Centralia Airport to local shelters.

While cadets helped make meals for helicopter aircrews and for residents seeking shelter at the airport, others helped clean homes, ran an emergency shelter, sorted thousands of donated clothing items and hauled equipment and supplies.

In neighboring Oregon, the same weather system brought severe rains and flooding to Tillamook County, where rail bridges and railroad tracks were severely damaged.

Officials with the Port of Tillamook Bay railroad system tasked CAP's satellite-transmitted digital imaging (SDIS) technology to obtain aerial images so they could quickly assess structural damage.

### **CALMING THE STORMS**

About 50 Kansas Wing members volunteered more than 300 hours providing air and ground team assistance following dozens of tornadoes that struck the state in May.

Aircrews in four Cessna aircraft flew along tornado paths for 20 hours reporting severely damaged areas to CAP's ground search and rescue teams. Volunteers promptly e-mailed digital photos of the damage to the state's Emergency Operations Center.

CAP ground teams also served an additional 40 hours assisting with regional communications and checking for devastation at various locations.

At Kansas Wing Headquarters in Salina, members spent more than 240 hours manning radios to coordinate communications among air, ground and command staff as well as other agencies, such as the Kansas Air

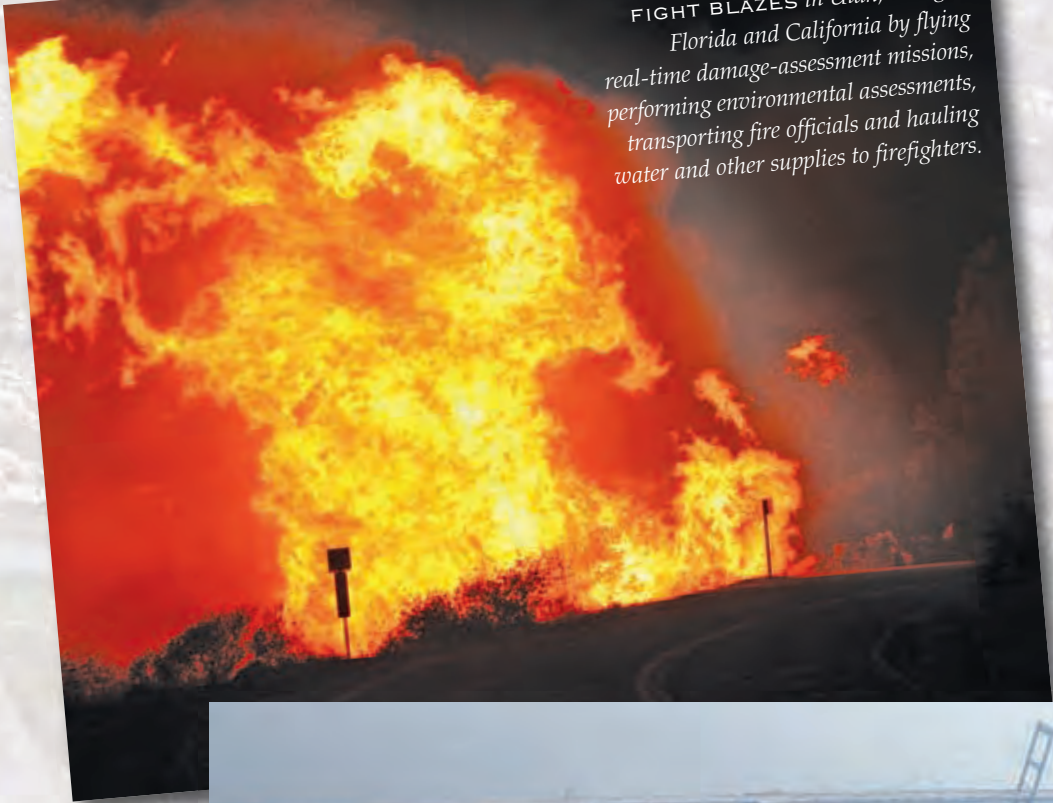


*MEMBERS OF THE MINNESOTA WING help flood victims on the Root River near Houston, Minn. In 2007, CAP provided disaster relief and emergency services to flood-, tornado- and wildfire-torn communities across the nation.*





**CAP VOLUNTEERS HELPED FIGHT BLAZES** in Utah, Georgia, Florida and California by flying real-time damage-assessment missions, performing environmental assessments, transporting fire officials and hauling water and other supplies to firefighters.



National Guard. Volunteers also worked on flight lines, directing and parking aircraft.

After heavy storms and tornadoes hit Michigan in late October, the National Weather Service asked the wing to take aerial photos to help gauge the number and strength of the twisters.

Three aircrews and two communication teams participated in the mission, which marked the first time the Michigan Wing had worked directly with the National Weather Service.

### **CAP FIRE SPOTTERS**

When blazes raged in Utah, volunteers provided the U.S. Fish and Wildlife Service and local county government officials with real-time damage assessment. CAP aircrews flew reconnaissance missions in a Gippsland GA8 Airvan and a Cessna 182 Skylane from bases in Salt Lake City and Cedar City.

CAP also performed four environ-

mental assessments to determine green and watershed areas where livestock would have a greater chance of survival.

In California, aircrews were tasked by the Air Force to search for hot spots during aerial reconnaissance flights. Other members searched for possible victims in areas not easily accessible to ground crews and conducted airborne fire-damage assessments of buildings and towers.

In the Southeast, Florida and Georgia wing members provided similar aid when fires ignited. Georgia volunteers transported Forestry Department officials and three fire marshals, provided aerial imaging for the nearly two-month-long effort and donated and hauled more than 600 cases of water and other supplies to front-line firefighters.



**THE MARYLAND WING HELPED** ensure the safety of the infrastructure and monitored traffic on the Chesapeake Bay during bay and bridge patrol missions.





*ALASKA WING CADETS, simulating lost hikers, use a mirror to guide a CAP de Havilland Beaver aircraft to their exact location after their personal locator beacon helped the aircrew find them. Last year, officers and cadets responded to more than 2,000 distress signals.*

## **PROTECTING THE WATERWAYS**

When CAP members weren't aiding firefighters, many were protecting vital U.S. waterways.

In 2007, the Maryland Wing continued to protect the Chesapeake Bay off the Atlantic coast with bridge and bay patrols.

At the request of the Maryland Transportation Authority, wing aircrews flew six weekend flights west and east along the Bay Bridge, from Memorial Day to Thanksgiving. The aircrews monitored traffic and reported any unusual tie-ups or suspicious activities, such as boats lingering near the bridge.

Meanwhile, members working with the U.S. Coast Guard flew bay patrol missions from Memorial Day to Labor Day. Aircrews flew two flights per weekend north to south across the bay. They provided assistance to Maryland boaters and the Maryland Emergency Management Agency by looking for boaters in distress or hazards to boating safety and by monitoring vital bay infrastructure, including the Bay Bridge, shipping and power plants.

## **SILENCING ELTS**

Officers and cadets also spent countless hours responding to more than 2,000 distress signals from electronic locator transmitters and, at sea, to emergency position-indicating radio beacons. These devices must be deactivated so emergency responders can differentiate between real distress signals and false alarms.

## **WAR ON DRUGS**

In addition to homeland security, CAP helped safeguard the nation in 2007 by assisting other agencies in taking more than \$225 million in illicit drugs and money off U.S. streets. CAP pilots conducted aerial searches, at the request of state and federal counterdrug agencies, for outdoor marijuana patches and other indications of illegal drug activity and reported what they uncovered.

CAP aircrews around the country

also posed as pilots of aircraft flying illicit drugs and contraband into American airspace, which allowed U.S. Air Force fighter pilots to practice intercepting illegal flights.

## **AVIATION BARGAIN**

While CAP volunteers perform at least 90 percent of the continental inland search missions tasked by the Air Force Rescue Coordination Center at Tyndall Air Force Base, Fla., its customers, especially the U.S. military, pay a very small fee for the outstanding services CAP provides. When the Air Force assigns a mission to CAP, it generally costs about \$100 per flying hour.

## **CHAPLAIN SERVICE**

Representing a broad range of faiths, CAP has the largest volunteer chaplaincy in the U.S. — one that soon will be instituted by the U.S. Coast Guard. The Coast Guard is currently consulting with Civil Air Patrol officials to follow the CAP model in setting up its own volunteer chaplain system.

CAP's Chaplain Service ended the year with 658 chaplains and 365 moral leadership officers. Collectively, these chaplains and moral leadership officers provided a wealth of support in meeting the needs of victims and their families following accidents or natural disasters, as well as the needs of not only CAP members but also active duty military, the National Guard and the Reserves.

The Civil Air Patrol chaplains and moral leadership officers were trained at Chaplain Service staff colleges held in each CAP region in 2007.

Chaplains and moral leadership officers provided spiritual support for selected Air Force bases and military installations, including:

- Hill Air Force Base in Utah;
- Utah Air National Guard Bases in Salt Lake City and Sandy, Utah;
- Army Reserves at Fort Douglas in Utah;
- Army and Marine Reserves Camp in Williams, Utah;



- Westover Air Force Base in Massachusetts;
  - Fort Devens in Massachusetts;
  - East Windsor in Connecticut;
  - McChord Air Force Base in Washington state;
  - Sioux Falls MEP Station (military entrance processing station) in South Dakota;
  - Andrews Air Force Base in Maryland;
  - Travis Air Force Base in California;
  - Rosecrans Air National Guard Base in Missouri;
  - MacDill Air Force Base in Florida;
  - Patrick Air Force Base in Florida; and
  - the Florida National Guard.
- CAP chaplains and moral leadership officers offered counseling, officiated at weddings and military funerals,

visited hospitals, performed chapel services, prayed for soldiers leaving the country, conducted services for soldiers returning from overseas and coordinated and executed drives for supplies to send to deployed troops. ▲

*CHAPLAIN CAPT. GORDON ROURK, a Colorado Wing Drug Demand Reduction administrator, answers questions from Federal Heights Elementary School students about a Colorado National Guard helicopter that landed at their school in Denver as part of a 2007 Red Ribbon Week observance. The program also included a guest appearance by Miss Teen USA 2007 Hilary Cruz, several Colorado Rapids pro soccer team cheerleaders and the team's three mascots — Edison the Eagle, Marco the Buffalo and Jorge the Raccoon.*





## FY07 FLYING HOURS & LIVES SAVED BY WING

Unit	Air Force	Corporate	Total	Lives Saved	Notes
AK	1,902	576	2,478	4	
AL	1,752	1,277	3,029	1	5
AR	1,152	656	1,808	1	5
AZ	1,735	1,053	2,788	2	
CA	5,384	1,254	6,638	4	
CO	2,253	746	3,000	13	1,4
CT	655	503	1,158	0	
DC	475	193	668	0	
DE	523	1,753	2,276	0	
FL	3,947	2,199	6,146	2	
GA	1,521	831	2,352	0	
HI	412	756	1,168	0	
IA	419	983	1,402	1	
ID	982	230	1,212	12	4
IL	1,129	787	1,916	0	
IN	1,902	259	2,162	0	
KS	552	183	735	1	
KY	2,182	355	2,537	0	
LA	1,018	577	1,595	0	
MA	686	716	1,402	0	
MD	933	2,133	3,066	1	3
ME	552	148	700	0	
MI	1,767	542	2,309	1	1
MN	1,994	2,193	4,187	0	
MO	705	587	1,293	2	
MS	944	522	1,465	1	5
MT	427	73	500	0	
NC	1,504	885	2,389	1	
ND	522	476	998	0	
NE	537	456	993	0	
NH	678	391	1,069	0	
NJ	949	400	1,349	1	
NM	1,534	662	2,195	3	
NV	2,186	325	2,511	3	
NY	1,936	1,527	3,462	0	
OH	1,005	305	1,310	0	
OK	1,083	810	1,893	0	
OR	1,320	192	1,512	7	
PA	2,319	1,057	3,376	8	1,2,3
PR	520	197	717	0	
RI	453	139	593	0	
SC	1,279	831	2,110	0	
SD	597	847	1,444	0	
TN	1,403	631	2,033	0	
TX	3,913	1,697	5,611	0	
UT	866	267	1,132	6	4
VA	1,535	980	2,515	1	
VT	304	120	424	0	
WA	1,984	442	2,426	28	6
WI	2,260	702	2,963	0	
WV	647	694	1,341	4	2,3
WY	319	298	616	5	4
NHQ & Regions	1,043	194	1,237	0	
<b>Total</b>	<b>70,596</b>	<b>37,613</b>	<b>108,208</b>	<b>103</b>	

*Notes:*

1. One save shared between CO, MI and PA Wings.
2. One save shared between PA and WV Wings.
3. One save shared between MD, PA and WV Wings.
4. One save shared between CO, ID, UT and WY Wings.
5. One save shared between AL, AR and MS Wings.
6. Twenty seven saves shared with the USCG and USN.

Hours are rounded to whole amounts.

# Equipment

America would be hard-pressed to find volunteers better prepared to serve their communities than Civil Air Patrol. In 2007, CAP members took their volunteer service to new levels, tapping sophisticated search and rescue technology and top-notch training designed to keep them abreast of the latest trends and techniques in their chosen areas of specialty. 2007 saw CAP members employ high-tech tools to search for legendary adventurer Steve Fossett and to help the environment, among many other missions.

CAP members fly and maintain a fleet of 530 aircraft, many equipped with versatile and unique satellite-transmitted digital imaging systems (SDIS) and airborne real-time cueing hyperspectral imaging reconnaissance (ARCHER) systems.

They also participate in professional development activities that help enhance and grow their understanding of technology.

CAP members do more than volunteer. They also

travel at their own expense from across the country for advanced leadership training, including more than 60 learning labs offered during CAP's Annual Conference.



*Prepared to Serve:* SUCCESS

Also, thousands annually seek job-performance support from the CAP Knowledgebase, an online Q&A resource. CAP's e-Learning program further expands members' profes-

sional development opportunities. These national-level programs complement an array of local, state and regional training offered throughout the year.



**DRIVEN BY TRAINING, TECHNOLOGY**



CIVIL AIR PATROL CADET ADAM PUGH of the Virginia Wing uses a PDA (Personal Data Assistant) during the 2007 National Emergency Services Academy to document participants' performance. The high-tech tool is just one of many pieces of advanced technology (like the communications equipment at left) that members use to perform CAP's Missions for America.



### NEW EQUIPMENT

In 2007, CAP combined more than \$10.1 million in congressional appropriations with proceeds from the sale of older CAP aircraft to purchase 31 Cessna Skylanes equipped with Garmin's G-1000 glass cockpit. CAP's fleet now boasts 102 glass-cockpit Cessnas for use in conducting its Missions for America.

The Skylanes are part of a CAP fleet that now consists of 530 powered and 60 glider aircraft. By far, the majority of the aircraft are Cessna 172 Skyhawks and Cessna 182 Skylanes. The fleet includes 16 Gippsland GA8 Airvans that feature ARCHER, as well as seven de Havilland Canada DHC-2 Beavers in Alaska. In addition, CAP employs a handful of Maule aircraft used primarily for glider towing but also equipped for search and rescue missions.

### COMMUNICATION UPGRADES

If current plans proceed as expected, by the end of 2009, CAP members will possess nearly \$42 million in new radio equipment, thanks to congressional funding. CAP already has received about \$30 million of the technology.

The upgrade includes nearly 6,000 VHF mobile radios and about 2,500 VHF portable radios, as well as more than 400 land-based VHF repeaters, more than 100 tactical VHF repeaters and better than 10,000 UHF intra-squad radios (ISRs) used by ground teams.

Also, CAP recently invested \$2.5 million in the purchase of approximately 250 high frequency HF-SSB base stations with antennas, power supplies and coaxial cables; 100 HF-SSB mobile radios with automatic antenna couplers and 16-foot whip antennas; and 67 HF-SSB rapid deployment packages (RDPs). The RDPs are complete HF-SSB radio stations in a suitcase that can be set up quickly in remote sites in support of emergencies.



## ARCHER

ARCHER's aerial hyperspectral-imaging capability allows CAP to program into an on-board computer the spectral signature of an object. A sensitive HSI camera can then detect and pinpoint that object or multiple objects on the ground that match the signature. The HSI sensor also is capable of detecting anomalies — objects significantly different from the background in which they are located. Data on possible "hits" that match the spectral signature or anomalies are processed in real-time and then stored, analyzed or transmitted to ground teams.

When Steve Fossett went missing, CAP called in aircraft equipped with ARCHER from California and Utah. Members of the California Wing's Clover Field Composite Squadron were on-site at the Bishop, Calif., and Minden, Nev., mission bases for more than 800 hours analyzing data collected from CAP flights. To find potential targets, they studied more than 30,000 images. The targets included old crash sites, some dating from the 1960s and 1970s.

ARCHER also was used in 2007 to protect the environment. CAP members from the Texas and Missouri wings partnered with the U.S. Coast Guard and EPA to assess an inland oil spill after floodwaters from the Verdigris

River, which drains into Oologah Lake, had breached a refinery in the flooded town of Coffeyville, Kan. A total of 71,400 gallons of crude oil had leaked, threatening the environment and Tulsa, Okla.'s drinking water. In order to better determine the impact, the U.S. Environmental Protection Agency requested assistance. ARCHER was the perfect tool for the job.

ARCHER helped determine the extent of the oil contamination by comparing the hyperspectral signature of oil from the refinery saved from an earlier flight with similar spectral signatures in the area being surveyed.

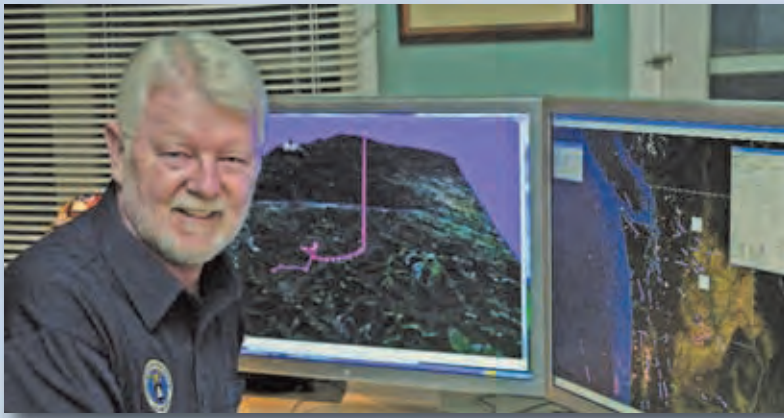
In addition, ARCHER was used by the Colorado Wing to assess pine beetle infestation on federal lands. The U.S. Geological Survey requested CAP's assistance because of ARCHER's unique capabilities. While the USGS is still analyzing its ARCHER data, the agency believes "ARCHER's high spatial and spectral resolution will facilitate a fine-scale, high-resolution classification of healthy, diseased and dead pine vegetation."

ARCHER also was used to provide detailed imagery to the Air Force after a Missouri Air National Guard F-15 crashed in Mark Twain National Forest.

*CIVIL AIR PATROL MEMBERS USED ARCHER, CAP's airborne real time cueing hyperspectral enhanced reconnaissance system, to provide images of a Missouri F 15 crash (below), to assess oil spill pollution and even to identify pine beetle infestation of trees.*







**2ND LT. PAUL "GUY" LOUGHRIDGE** performs volunteer work for Civil Air Patrol from his home in Colorado, where he uses sophisticated mapping technology to perform analysis of radar data that originate at sites like the one below. Loughridge, whose efforts have helped save the lives of 24 people, was a key player in the search for Steve Fossett.

### **RADAR LOCK**

2nd Lt. Paul "Guy" Loughridge of the Colorado Wing, who has expanded CAP's technological realm to include radar analysis, uses sophisticated technology to locate missing aviators.

Working from his home computer on a completely volunteer basis, Loughridge receives radar tracking assignments from the Air Force Rescue Coordination Center. He has assisted in some 200 search and rescues missions using his mapping technology and, in the process, has helped save 24 lives.

During the search for Steve Fossett, he joined a dozen other radar experts from the Federal Aviation Administration, National Transportation Safety Board, Navy, Air Force and CAP in analyzing radar data that all hoped would lead to the discovery of Fossett's aircraft.

### **PROFESSIONAL DEVELOPMENT**

Member training is provided through a multitude of diverse learning experiences.

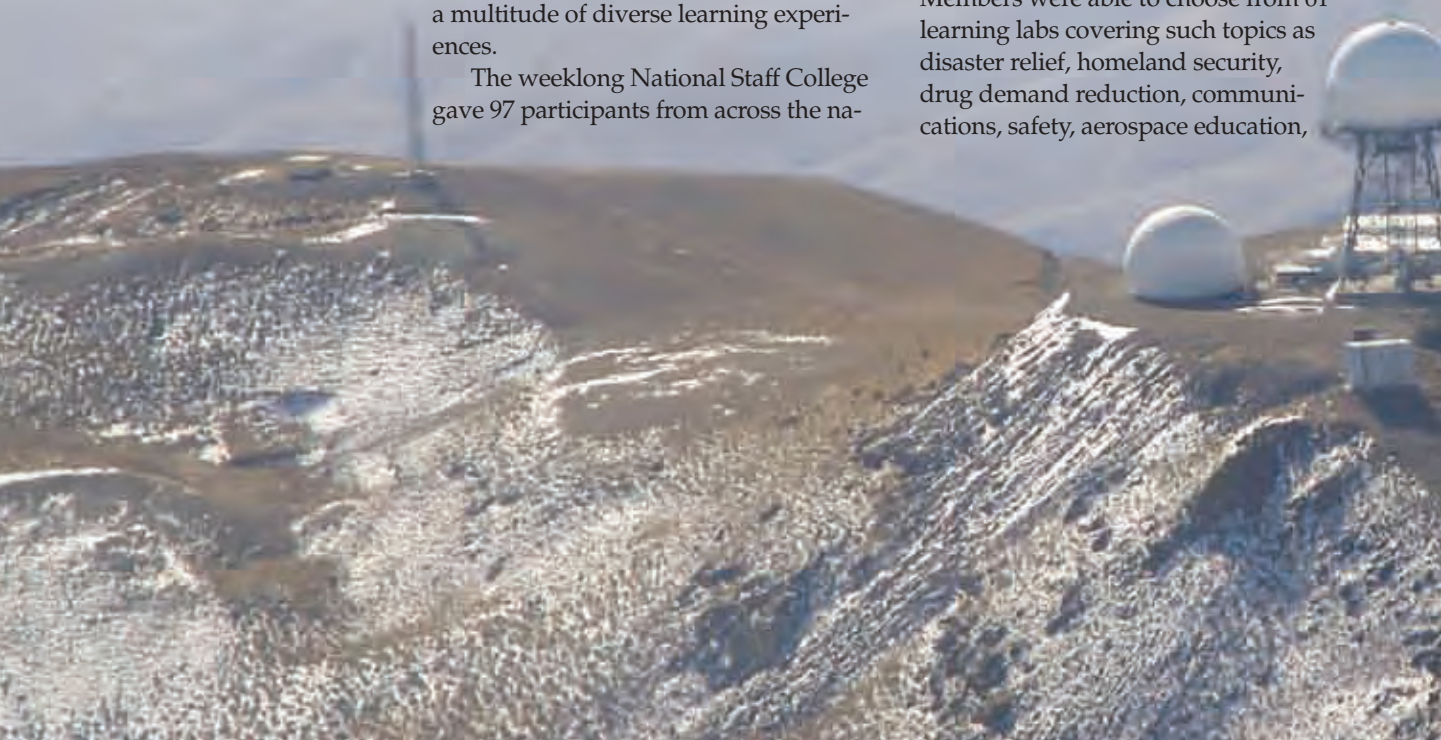
The weeklong National Staff College gave 97 participants from across the na-

tion a comprehensive understanding of Civil Air Patrol's rich heritage and the varied challenges facing anyone in a position of responsibility. The course fostered the students' development from volunteers highly skilled in their areas of expertise to ones primed for leadership in an organization evolving to meet the needs of 21st-century America.

Senior members relished the opportunity to take part in the Region and Wing Commanders Course held at CAP National Headquarters. The multilayered instruction included lectures on exercising leadership, understanding how to interact with wing members in a positive way and appreciating the importance of integrity in decision-making.

In addition, this year's National Emergency Services Academy (NESA) was enhanced by use of Personal Data Assistants (PDAs), which instructors used to document participants' performance of various tasks designed to evaluate their ability to become qualified mission support officers. The data, which were sent electronically each day to CAP National Headquarters, negated the need to record the information by hand. Tools like this go a long way toward maximizing training opportunities and making them more meaningful for the volunteers.

In addition to professional development opportunities provided at the region, wing and unit levels, approximately 800 members participated in CAP's annual conference held in Atlanta. Members were able to choose from 61 learning labs covering such topics as disaster relief, homeland security, drug demand reduction, communications, safety, aerospace education,





cadet programs, public affairs and information technology.

The annual conference also included recognition of cadet Lt. Col. Jessica Gentry of the Colorado Wing, CAP's Cadet of the Year, and Lt. Col. Virginia Cullity of the Florida Wing, Senior Member of the Year.

CAP augmented these training opportunities with e-Learning, a strategy that provides standardized, individual and group learning electronically. E-Learning initiatives enhance current courses through online lessons that feature individual training modules, job performance support and feedback, online testing and certification and on-demand surveys and polling.

#### **QUALITY ASSURANCE**

The national inspector general directs a program of complaint resolution and quality assurance at all levels in Civil Air Patrol.

The CAP IG program provides a means to resolve complaints and investigate issues uncovered by audits or raised by CAP members related to fraud, waste, abuse and violations of policies or directives, including abuse of authority, cadet protection and misconduct.

Active duty U.S. Air Force personnel work in partnership with CAP's national inspector general to conduct quality assurance assessments of each of the 52 wings once every four years.

Records, assets and equipment are reviewed by a joint inspection team to en-



sure compliance with CAP rules and regulations, as well as governing directives of the Department of Defense, Federal Aviation Administration, Federal Communications Commission and other governmental agencies.

Additionally, the eight region and 52 wing inspectors general provide oversight for the Subordinate Unit Inspection Program within the wings, which assess all 1,500 local units every three years.

A weeklong IG college offered every other year empowers members to effectively implement this wide-reaching program. Also, one- and two-day IG training programs are conducted regularly at numerous locations across the country. The training is developed, updated and presented by the National IG staff to maintain program effectiveness and continuity. ▲

**PROFESSIONAL DEVELOPMENT IN CIVIL AIR PATROL** offers members diverse opportunities for leadership and professional growth. Volunteers enjoy learning advanced technology in aircraft like the Gippisland GA8 Airvan, top left. CAP also helps members improve themselves through physical training, top right, as well as academic courses.



# Youth Programs

The Cadet Program's multistep curriculum for members 12 to 21 years old provides unparalleled opportunities in leadership, character development, aerospace education and physical fitness. As cadets progress through the program, they earn awards named after aerospace and CAP pioneers and gain rank, from cadet airman basic up to cadet colonel. In 2007, nearly 22,000 young members enriched their lives and served their communities through CAP.

Civil Air Patrol cadets are found in a variety of settings, such as marching in parades, participating in hands-on classroom assignments designed to heighten their enthusiasm about the world around them, learning about civic responsibility alongside adult volunteers during ground team exercises and exploring career opportunities in a variety of settings. Their activities focus on the core values of integrity, volunteer service, excellence and respect, and along the way they learn conflict man-

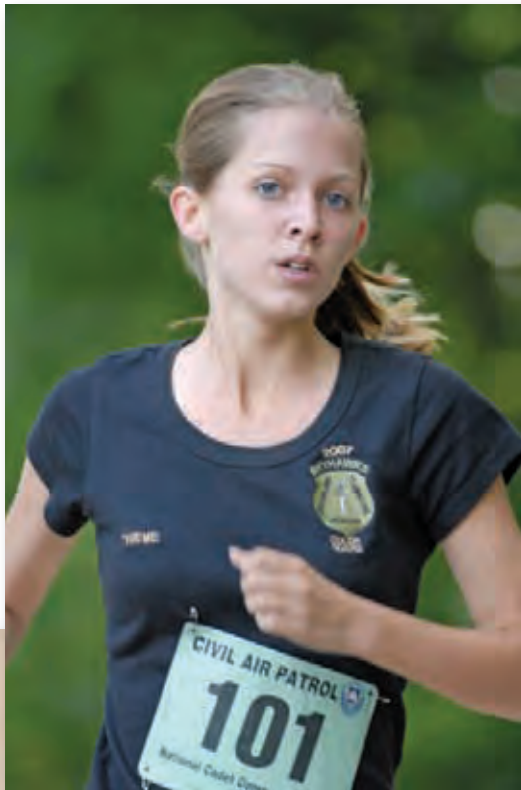
agement, critical thinking, effective communications, how to motivate others and decision-making skills.

As a result of this solid foundation, many CAP cadets go on to become high-achieving adults and model citizens. Former cadets include two Air Force Thunderbirds, an astronaut, a governor, industry and military leaders and other outstanding citizens.



*Cadet Programs:* NURTURING





The Cadet Oath: "I pledge that I will serve faithfully in the Civil Air Patrol Cadet Program and that I will attend meetings regularly, participate actively in unit activities, obey my officers, wear my uniform properly and advance my education and training rapidly to prepare myself to be of service to my community, state and nation."



CAP'S JUNIOR CADET PROGRAM provides elementary-school-aged children the opportunity to soar in school and in life.



### **EXPANDING OUTREACH**

The Junior Cadet Program, a component of the School Enrichment Program for youth in kindergarten through grade five, is being field-tested by 300 teachers and 7,000 students at 20 schools across the nation. The program prepares participants for a life of learning, self-respect and respect for others and for a drug-free and community-service-oriented lifestyle during a critical stage in a child's personal and academic development.

Modeled after an extremely successful Junior Cadet Program in Philadelphia, the program emphasizes character education, academics with an aerospace emphasis, leadership opportunities and physical fitness. It includes 24 half-hour national standards-based lessons per grade level that can be used in any block of the curriculum.

Communities throughout the nation celebrated their involvement in this promising new Civil Air Patrol program with liftoff observances, which featured rocket launches, plane flyovers and motivational speakers. The national liftoff in Boaz, Ala., attracted local and national dignitaries, who joined with students and faculty in celebrating CAP's commitment to a brighter future.

### **BETTER STUDENTS, BETTER SCHOOLS, BETTER COMMUNITIES**

The School Enrichment Program inspires sixth- through 12th-grade students in public, private, parochial and home-school settings throughout the nation. The SEP is the traditional cadet program implemented in a school setting as either a class held during school or as an after-school enrichment program. The 2007 SEP influenced the educational experiences of 2,100 students at 69 sites in 15 states.

The School Enrichment Program motivates youth to reach for high levels of personal achievement, with an emphasis on leadership training, character development, physical fitness and CAP's congressionally chartered Aerospace Education Program. CAP provides participating schools with a curriculum adaptable to an array of educational situations.

SEP's focus on aerospace education launches critical math and science lessons off the page and into the three-dimensional world of real-life applications. Aerospace education also encourages students to pursue aviation- and space-related careers, which helps ensure America's continued aerospace dominance by providing the industry with bright, young achievers ready to take aerospace to the next level. Physical fitness concepts inherent in the Cadet Program promote healthy eating and exercise habits among youth, while discouraging negative lifestyle choices like drugs and alcohol.

*FLIGHT MARSHALLING is one of numerous ways cadets hone their skills during National Blue Beret. The event, held annually in Oshkosh, Wis., supports the Experimental Aircraft Association's AirVenture, the largest air show in the world.*







Cadet Kristin Santon of the Maryland Wing and members of Team 10 work to determine search boundaries during a field exercise held at the National Emergency Services Academy, one of 31 national cadet special activities sponsored by CAP in 2007.

## **TAKING ACTION**

Cadet special activities allow cadets to explore a wide range of interests, while encampments offered at the region and wing levels expose them to citizenship, aerospace education, military courtesies and teamwork. These programs are not only fun and enriching but also vital to the future of America's aerospace industry.

More than 1,200 youth participated in 31 CAP-sponsored national cadet special activities in 2007. Some allowed cadets to hone their skills in search and rescue and flight and emergency services, while others gave youth the opportunity to explore science, leadership fundamentals, citizenship, ranger training, aerospace technology and aviation careers.

National Blue Beret, for example, drew 107 cadets to the Experimental Aircraft Association's AirVenture in Oshkosh, Wis., which attracted nearly 1 million attendees and 10,000 aircraft. CAP cadets marshalled aircraft and located and silenced emergency locator transmitters. In addition, they gained an insider's view of the aviation industry through informal discussions with



Cadets learn to work as a team during the land navigation course held during the Middle East Region's 2007 Tri-Wing Encampment.

aviation professionals and pioneers.

The National Emergency Services Academy, held annually at Camp Atterbury in Edinburgh, Ind., offered cadets intensive task-based training and applications in emergency services. Though most cadets at the academy participate in National Ground Search and Rescue, cadets 15 years of age or older also are eligible to attend Incident Command System School. Here, they learn medical techniques as first responders in the field and hone ground team, mission radio operator and staff assistant skills.

Cadet Officer School, the premier leadership activity for cadets, attracted 116 youth from across the nation this year. It is an academically rigorous curriculum. Cadets study leadership theory, communications, the history of airpower doctrine and ethics. The





**CIVIC LEADERSHIP ACADEMY** brings top-notch cadets to Washington for an in-depth study of the nation's government in action.

lectures are presented by distinguished faculty members of the Air Force's Air University.

Also, 64 CAP cadets and 16 adult members participated in the International Air Cadet Exchange program, which facilitates international understanding through aviation by allowing youth to experience the customs and environment of a foreign country. Fifteen wings hosted cadets from 19 countries, which benefited countless other cadets who participated in aerospace-related activities alongside them. CAP has been an IACE partner organization since 1948.

Twenty-four civic-minded cadets — three from each of CAP's eight re-

gions — got a behind-the-scenes look at the inner workings of the federal government in Washington, D.C., as participants in the Civic Leadership Academy. The academy promotes civic responsibility through a careful study of federal government. Cadets also explore public service careers through partnerships with the State Department, Federal Bureau of Investigation, Central Intelligence Agency and the Air Force. By placing a wreath at the Tomb of the Unknown Soldier, the cadets were reminded that freedom is not free.

More than 160 teenagers competed in the 2007 National Cadet Competition in Dayton, Ohio. The cadets qualified for the national event by winning their wing and region cadet competitions. The event included tests of physical fitness, teamwork and attention to detail, conducted against the inspiring backdrop of the National Museum of the U.S. Air Force and nearby Huffman Prairie Flying Field, where the Wright Brothers perfected the mechanics of flight.

In addition, CAP flew 1,947 glider and 9,779 powered orientation flights in 2007. Cadet orientation flight program participants experienced hands-on flights in single-engine aircraft and gliders, spurring many of them to obtain private pilot licenses.

### **CHASING DREAMS**

To help tomorrow's leaders gain the skills necessary to soar, Civil Air Patrol offers cadets more than \$200,000 in flight and academic scholarships funded through partnerships with aviation organizations, colleges and private donors.

**CADET OFFICER SCHOOL** exposes CAP's promising young leaders to executive-level leadership concepts, which helps them flourish as students, citizens and productive members of society.



Flight academy graduates can receive flight scholarships of up to \$2,500 from the Order of Daedalians, a fraternal organization of U.S. military aviators, and The Spaatz Association, a CAP cadet alumni association. Also, the CAP Robert Rice Brewer Memorial Scholarship awards full scholarships to four cadets who meet the eligibility criteria to participate in the EAA Aeroscholars Aviation Science online course.

Through a partnership with the Aircraft Owners and Pilots Association, \$10,000 is annually earmarked for cadets and adult members to complete flight training. Four \$2,500 scholarships are awarded annually to two adult members and two cadets.

Service academies and Reserve Officer Training Corps programs look favorably on CAP experience when selecting cadets. Approximately 10 percent of the U.S. Air Force Academy cadet corps consists of current or former cadets. Those who earn CAP's Gen. Billy Mitchell Award can enlist in the Air Force at an advanced grade (E-3).

### **STRONG FOUNDATION OF MENTORSHIP**

Training Leaders of Cadets, an optional two-day course, provides training on how to manage a successful Cadet Program and teaches leadership skills for helping youth achieve their goals.

Other resources include the new Wing Director of Cadet Programs Smartbook, which provides an overview of how to run a successful program. Online resources include Crosstalk, a collection of best practices submitted by Cadet Program leaders; downloadable lesson plans; comprehensive training resources; and Cadet Great Start, an introductory program designed to welcome new cadets.



*NATIONAL CADET COMPETITION provides CAP's elite color guard and drill teams a national stage upon which to display their hard work and dedication to perfection in a fun and competitive environment.*

### **DRUG DEMAND REDUCTION**

The CAP Drug Demand Reduction (DDR) program offers a range of initiatives and activities to instill an aggressive, positive, drug-free attitude in CAP members, Air Force families, Department of Defense civilians and school-aged children.

In 2007, the CAP DDR program implemented 15 drug awareness lessons, 20 Famous Flyers biographies and a DDR Specialty Track. The drug awareness lessons allow 402 DDR officers to provide cadets and other members information on the hazards of illegal drug use, while the biographies provide insights on positive lifestyle choices. The specialty track helps committed and well-qualified CAP members perform key leadership responsibilities.

2007 also saw the CAP DDR program continue its efforts to help reduce the demand for illegal and illicit drugs in America through participation in the National Red Ribbon Week Campaign. Partnering with military, school, church and community leaders, CAP assisted law enforcement officials with their mission to lower the number of Americans using illegal drugs by communicating a drug-free message and distributing more than 210,000 red ribbons. ▲

# Aerospace Programs

The Aerospace Education Program enriches communities across the nation — inspiring youth and adults with the exciting theme of aerospace. This congressionally mandated Civil Air Patrol mission is poised to keep America's aerospace industry healthy by igniting the boundless imagination of the next generation and educating the public on the important role aerospace has played, and continues to play, in America. The Aerospace Education Program, a vital element of the Cadet Program, also builds enthusiasm for schools by providing youth real-world applications for math and science concepts.

Through their outreach endeavors, CAP's aerospace education members awaken interest in aviation and space topics. These special members of CAP, mainly educators, are supported in the classroom with free or low-priced educational materials designed to launch a new generation's interest in aerospace concepts and to

strengthen students' math and science skills. Enthusiasm for CAP's aerospace education mission is growing, as seen in a 33 percent increase in aerospace education membership in 2007.

The Aerospace Education Program also provides aviation-minded youth with outlets for their career explorations and helps them foster connections with like-minded peers. As one of the core components of the growing School Enrichment Program, including the prototype Junior Cadet Program, aerospace education is making an impact in schools across the country.

More than 30 supporting organizations — such as the Air Force Association, the Experimen-



*Aerospace Education:*



tal Aircraft Association and the Federal Aviation Administration — make it possible for cadets, educators, senior members and students to be enriched by the wealth of aerospace-related activities, scholarships and other opportunities.



# ENCOURAGING CAREERS IN MATH AND SCIENCE



## TAKING AEROSPACE EDUCATION TO THE STREETS

Making Aerospace Real for Students continues to play a major role in bringing aerospace education to the classrooms of America. Through MARS, educators are encouraged to become aerospace education members of CAP, which provides them with curricula, classroom materials, online resources, access to grants and training and mentorship at aerospace education workshops throughout the country. Educators also take part in the Fly-A-Teacher program, in which Civil Air Patrol volunteers take teachers on flights in CAP aircraft, giving them the inspiration to bring aerospace education into their classrooms.

CAP offers free to its members the Aerospace Excellence Award (AEX) program, which features five volumes of AEX full-color activity books with more than 20 national standards-based aerospace hands-on activities in each volume. Members also have the opportunity to take six AEX college courses offered by Adams State College in Colorado, which provides educators one hour of graduate-level credit per course for work completed in the programs.

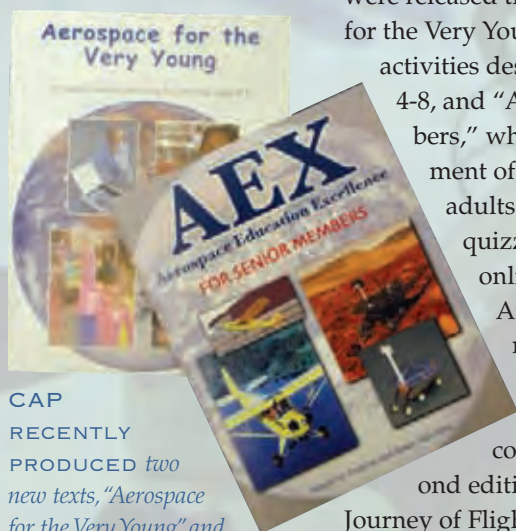
CAP continues to update and improve AE materials. Two new books were released this year — “Aerospace for the Very Young,” which contains 17 activities designed for children ages 4-8, and “AEX for Senior Members,” which brings the excitement of aerospace to CAP adults. Aerospace education quizzes are now available online at CAP University. And an additional thematic unit, “Famous Fliers, Famous Flights,” is nearing completion, as is the second edition of “Aerospace: The Journey of Flight,” which will be available in March 2008.

Partnerships with like-minded organizations boost CAP’s aerospace edu-

cation outreach. This year, the Air Force Association helped sponsor the aerospace education memberships of 285 educators. AFA also distributed a total of \$10,000 in grants to 40 educators to promote aerospace education in schools, which reached 4,368 students. An additional \$10,000 awarded annually through 40 grants supported the aerospace education programs of CAP units, thus enriching the AE experience of 2,049 cadets. The AFA’s involvement in CAP continues to grow through the Junior Cadet Program. The Montgomery, Ala., chapter of AFA sponsors the Junior Cadet Program in eight area schools as part of its aerospace education outreach.

In addition, CAP National Headquarters encouraged CAP units to sponsor the aerospace education memberships of local educators as a Valentine’s Day gift. The units further support the schools by offering to perform aerospace activities, including flying teachers in CAP aircraft through the Fly-A-Teacher program, or any other volunteer support the schools may need. The teachers, in turn, promote the CAP cadet program to students and their parents, and assist in providing aerospace lessons for contributing units’ cadets.

Civil Air Patrol supports the aviation dreams of its members through scholarships. More than \$200,000 in scholarships are available for aviation and academics through partnerships and CAP corporate funds; \$1,000-\$7,500 per member is available. In the newest addition to the scholarship funds, CAP and Embry-Riddle Aeronautical University joined forces this year on a scholarship program for active CAP adults and cadets. The \$500 scholarship opportunity applies to Embry-Riddle students admitted after June 30, 2007, and attending a Worldwide Campus or enrolling in a Worldwide Online degree program.



CAP  
RECENTLY  
PRODUCED two  
new texts, “Aerospace  
for the Very Young” and  
“AEX for Senior Members.”



## AUGMENTING THE CADET EXPERIENCE

Aerospace education is an integral part of the Cadet Program. In order to gain rank in the Cadet Program, cadets are expected to absorb aerospace education concepts alongside leadership and citizenship lessons. Mentored every step of the way by adult members specializing in aerospace education instruction, Civil Air Patrol's more than 22,000 cadets gain an appreciation of aviation concepts, careers and pioneers.

In addition to unit-level aerospace activities facilitated by CAP's aerospace education officers, CAP offers more than 10 national-level summer courses that directly relate to aerospace career exploration, including the Aircraft Manufacturing & Maintenance Academy, National Powered Flight Academy and National Glider Flight Academy.

CAP's AEOs are senior members responsible for promoting aerospace education within CAP and to external audiences such as students and educators. They are consistently supported by the national staff with guidance, downloadable resources, free and low-cost curricula and a bimonthly newsletter full of inspiration and information. Aerospace education enthusiasts are also aided through training and networking opportunities like Aerospace Education Officer School and the Aerospace Education Officer Summit.

Forty-two AEOs from the region, wing, group and squadron levels attended the 2007 AEO School at Pensacola Naval Air Station, Fla., and 30 AEOs attended the AEO School in Oshkosh, Wis. These schools provide officers with additional resources, support and ideas from their peers and National Headquarters staff. Members also shared their experiences and ideas to help make the AE program better. Four regional AE schools are planned for 2008.

Aerospace Day, a one-day workshop held Aug. 8 in Atlanta just before the CAP annual conference, provided 11 AEOs and AEMs with inspirational hands-on aerospace education activities. Attendees received AEX certificates



of completion and graduate credit.

CAP also rewards commendable service in the aerospace education program with a number of achievement awards, including the National Conference's Crown Circle, Crossfield, Brewer and Mission awards.

Squadrons across the country have a high-tech tool at their disposal to bring life to the aerospace education message. Satellite Tool Kit, the leading commercial satellite software for land, sea, air and space analysis, has been distributed to all squadrons. This software, also used by thousands of national security and space professionals worldwide, helps members learn more about space and satellite orbits, dramatically bolstering their space knowledge. This cutting-edge software was donated to CAP by the developer, Analytical Graphics Inc., whose training department also assists members with valuable hands-on training in its use. Satellite Tool Kit is used in CAP's squadrons and by CAP's teacher-members for classroom activities such as tracking the orbit of the International Space Station. The software also is utilized at the annual Aerospace Education Academy in Oshkosh, Wis.

In addition, CAP's Model Rocketry achievement program fuels the ambition of cadets interested in the science, technology and flight of model rockets. The program features a guide that begins with simple models and challenges cadets with progressively more difficult designs. Cadets are tested at each stage of the program and earn a rocket badge upon successful completion of the program. ▲

**AEROSPACE EDUCATION MEMBER Dolores Garay, one of CAP's more than 1,200 AEMs nationwide, shows students the fundamentals of aircraft design using remote-controlled planes.**

**THE AEROSPACE EDUCATION PROGRAM shown in the background expands the horizons of youth by taking aspiring astronauts underwater. In this background photo, the Michigan Wing's Neutral Buoyancy Program exposes cadets to a unique method of zero-gravity training.**



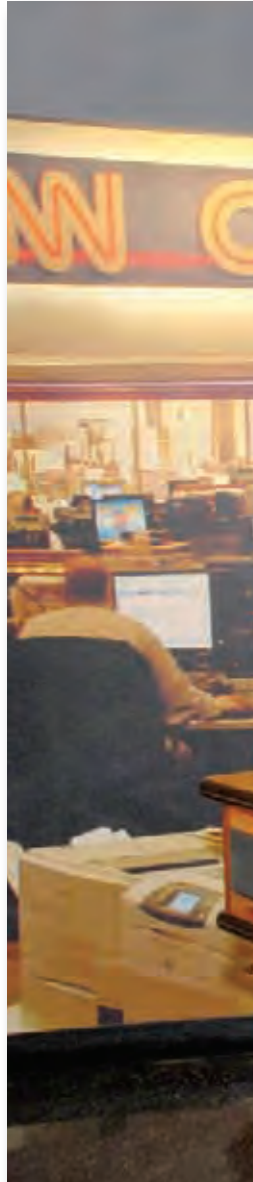
# Public Awareness

Civil Air Patrol's legacy of dedicated service to America was front and center in September 2007 when eight CAP wings embarked on a nearly monthlong search for modern-day aviation legend Steve Fossett. As the world watched, CAP's historic hunt for Fossett generated record-setting, positive visibility for CAP. More than 7,200 stories about the search were publicized via print, broadcast and electronic media in such high-visibility venues as the *London Times*, the *Sydney Morning Herald*, the *New York Times*, the BBC and CNN.

That extraordinary visibility, coupled with the all-volunteer organization's internal and external public awareness, communications and public relations initiatives, put the Civil Air Patrol in the international spotlight in 2007. Public awareness and perception of the organization is vital to increasing membership and to maintaining CAP's growing effectiveness and impact as the auxiliary of the U.S. Air Force.

CAP was the subject of more than

17,000 media stories in 2007, up from 10,000 in 2006. Also, throughout the year, CAP News Online and the *Civil Air Patrol Volunteer* magazine ensured the success stories of the organization — bolstered by CAP's national award winners — remained in full view, both internally and externally, for everyone to see. CAP News Online again received more than 1 million hits. And the capchannel.com Web site logged almost 400,000 visitors, a 50 percent increase from 2006. Also, more than 98,000 viewers "attended" various CAP national events via live-streaming, doubling last year's participants.



*Public Outreach:*



INITIATIVES DEFINE CAP'S IDENTITY





U.S. AIR POWER 60, a defense publication honoring the United States Air Force's 60th anniversary, featured the Air Force's auxiliary, the Civil Air Patrol, in a six-page article in 2007.

### INTERNATIONAL MEDIA RELATIONS

The search for Steve Fossett attracted intense international and national media interest, with Civil Air Patrol's name at the forefront. CAP was mentioned in more than 7,200 print, broadcast and electronic media stories.

International coverage included the BBC, *London Times*, ITN England, Paris Television Channel 1, Japanese Newswire Service, Russian National News Service, Canadian Broadcasting, New Zealand Radio, German Press Bureau, Canadian Press and the *Sydney Morning Herald*. National media coverage included CNN, Fox, MSNBC, ABC, "CBS Evening News with Katie

Couric," NBC and hundreds of local network affiliates, the *New York Times*, Wash-

ington Post, *San Francisco Chronicle*, *USA Today*, *Time*, *National Geographic*, *Air & Space Smithsonian*, *People* and hundreds of other newspapers and magazines throughout the United States.

Among the live broadcast interviews were three appearances by Lt. Col. Cynthia S. Ryan, CAP's Fossett media spokesperson, on Fox News, "On the Record with Greta Van Susteren" and National Public Radio's "All Things Considered" with host Melissa Block.

Other colorful, inspirational stories about CAP

members and missions also appeared in the national media, and a record-high number of nearly 17,000 electronic "news clips" was recorded.

Highlights included:

- U.S. *Air Power 60*, the Air Force's 60th Anniversary magazine — "Civil Air Patrol: A Legacy of Service Poised for the Future";
- Associated Press, *Clarion-Ledger* (Jackson, Miss.), *Sun-Herald* (Biloxi, Miss.) and Yahoo! News — pilot rescue in Mississippi;
- Art of Living, cable TV — CAP member vignettes; and
- Teen/Kids News, cable TV — cadet program feature.

### PARTNERSHIP WITH CESSNA

A recent celebration at Cessna's Independence, Kan., facility highlighted the 11-year partnership between the aircraft manufacturer and the Civil Air Patrol. The celebration marked completion of the 8,000th single-engine Cessna, one of 102 glass cockpit-Cessna 182 Skylanes in CAP's fleet of 530 aircraft.

Cessna's largest fleet of aircraft is with the Civil Air Patrol. The high wings of the Cessnas best serve CAP's emergency services and especially its search and rescue missions.

LT. COL. CYNTHIA S. RYAN of the Nevada Wing served as CAP's public information officer for the Steve Fossett search. She was the primary mission spokeswoman at news conferences covered by media worldwide.



Of CAP's entire fleet, 519 aircraft are red, white and blue Cessnas.

### **WREATHS ACROSS AMERICA**

In 2007, the Civil Air Patrol saluted the nation's veterans by increasing its role in Wreaths Across America, an outgrowth of Worcester Wreath Co.'s Arlington Wreath Project, which began in 1992.

For the first time ever, CAP sponsored 7,437 patriotic rings of evergreen

Wreath Co. for their efforts to honor past and present members of America's armed forces.

CAP also honored four members who excelled at securing wreath sponsorships; they earned the privilege of joining Courter in laying wreaths at Arlington.

With the assistance of the Maine Wing's dedicated members, who coordinated the entire national event for the Worcester family, and hundreds of other CAP members who supported local cer-



MEMBERS OF THE MIDDLE EAST REGION HONOR GUARD prepare to lay a wreath at the CAP Memorial at Arlington National Cemetery. Arlington was awash with thousands of the red-ribboned, lush green wreaths in December 2007 as part of Wreaths Across America, a partnership between Worcester Wreath Co. of Maine and the Civil Air Patrol that provides wreaths for veterans' grave sites throughout the U.S.

35

purchased by members of the public. They were among 32,000 wreaths CAP volunteers helped place on veterans' graves at 268 state and national cemeteries across America. Worcester Wreath Co. donated 14,500 wreaths for the project.

As part of 2007 ceremonies in Washington, D.C., CAP Interim National Commander Brig. Gen. Amy S. Courter laid a wreath at the Civil Air Patrol Memorial at Arlington National Cemetery. A CAP wreath also was laid nearby at the Air Force Memorial, where The Honorable Craig Duehring, Assistant Secretary of the Air Force for Manpower and Reserve Affairs and a former Civil Air Patrol cadet, praised CAP and Worcester

emonies with honor guards, Wreaths Across America was an astounding success.

Wreaths Across America attracted national media interest, with more than 70 print and broadcast media stories, including Air Force Link, the official Web site of the U.S. Air Force, and military.com. Broadcast outlets included WMGM-TV in Atlantic City, N.J.; WRCB-TV in Chattanooga, Tenn.; KCNC-TV in Denver; and KTVN-TV in Reno, Nev.

Print outlets included *VFW Magazine*, which published a multipage feature on Wreaths Across America and the Civil Air Patrol, and dozens of daily newspapers, including the *Bangor*





COL. GEORGE M. BOYD, center, shows his Congressional Gold Medal to Col. Barney King, former commander of CAP's Kansas Wing, and Dennis Kuhlman, dean of Kansas State University at Salina. Boyd and CAP Lt. Col. Leo Gray of the Florida Wing received the medal in March 2007 along with 300 other original members of the Tuskegee Airmen.



CAPT. EVELYN BRYAN JOHNSON, a lifetime Civil Air Patrol member, is inducted into the National Aviation Hall of Fame in Dayton, Ohio, in July 2007.



LT. COL. LEO BURKE, LEFT, CAPT. RICHARD CREPAS AND 1ST LT. MICHAEL SANDSTROM, all of the Michigan Wing, stand with CAP Interim National Commander Brig. Gen. Amy S. Courter during the National Board banquet in August 2007. The trio was among six CAP members honored by 1st Air Force Commander Maj. Gen. Henry "Hank" Morrow for participation in Fertile Virgo, a homeland security exercise.

(Maine) *Daily News*; Concord (N.H.) *Monitor*; *Boston Globe*; *News & Observer* in Raleigh, N.C.; *Pittsburgh Post-Gazette*; *South Florida Sun-Sentinel*; *Daytona Beach (Fla.) News Journal*; *Palm Beach (Fla.) Post*; *Orlando Sentinel*; *Courier-Journal* in Louisville, Ky.; *St. Louis Post-Dispatch*; *Battle Creek (Mich.) Enquirer*; *Flint (Mich.) Journal*; *Wichita (Kan.) Eagle*; *Billings (Mont.) Gazette*; *The Oregonian*; *Fort Worth (Texas) Star-Telegram*; *The Oklahoman*; *Houston Chronicle*; *Arizona Republic*; and *Hawaii Tribune-Herald*.

This partnership between American veterans and patriotic-minded citizens from local communities across the nation is an exciting addition to CAP's mission. Every day, the Civil Air Patrol becomes more widely appreciated for this worthwhile endeavor, much as the Marines are known for Toys for Tots.

Wreaths Across America also took on an international flavor in 2007 when members of the overseas Spangdahlem Cadet Squadron in Germany traveled to Luxembourg Military Cemetery and Memorial to take part in the first-ever overseas WAA ceremony. Sixteen cadets and several officers placed wreaths at seven soldiers' graves to represent members of the U.S. Air Force, Marines, Navy, Army, Merchant Marines and Coast Guard, as well as U.S. prisoners of war and those missing in action. More than 5,000 American soldiers, many of whom died in the Battle of the Bulge in the Ardennes Forest, are buried there.

**AWARD WINNERS**

In March, CAP's Tuskegee Airmen — Col. George M. Boyd of the Kansas Wing and Lt. Col. Leo Gray of the Florida Wing — joined 300 other original Tuskegee Airmen in Washington, D.C., to receive the Congressional Gold Medal.

The nation's top civilian award was bestowed on the famed black aviators and their support personnel who overcame racial segregation to become some of the most distinguished military and civilian citizens in the U.S.

Boyd, 81, former commander of the Kansas Wing, and Gray, 83, are both still active in CAP.

Lifetime Civil Air Patrol member Capt. Evelyn Bryan Johnson received aviation's highest honor in July — induction into the National Aviation Hall of Fame in Dayton, Ohio. It was the latest honor of many for the 98-year-old Tennessee Wing aviator, known as "Mama Bird" for putting 9,000 fledgling pilots through their paces on check rides. She also is listed in Guinness World Records as the only woman pilot to fly more than 60,000 hours.

Induction into the Tennessee and Kentucky Aviation Halls of Fame, the Flight Instructor's Hall of Fame and Women in Aviation's International Pioneer Hall of Fame are among the hundreds of other honors bestowed upon Johnson during her CAP career, which started in 1949.

CAP's radar expert, 2nd Lt. Guy Loughridge of the Colorado Wing, was honored as a National Aeronautic Association Distinguished Volunteer during the 2007 Public Benefit Flying Awards ceremony in Washington, D.C., in September. The national honor followed his receipt earlier in the year of CAP's Exceptional Service Award.

Loughridge has assisted in some 200 search-and-rescues using mapping technology he developed. In the process, he has made 72 radar finds and helped save 24 lives.

One of Loughridge's most recent assignments was the search for Steve Fossett. He was one of a dozen radar experts from various military and federal agencies who participated in an in-depth review of Fossett radar data.

Aviation pioneer Col. Mary Feik of the Maryland Wing was awarded the 2006 Frank G. Brewer Trophy at the National Aeronautic Association's Fall Awards Banquet in Arlington, Va. The trophy was presented by NAA in recognition of Feik's more than 65 years of personal and professional dedication to aviation education as a teacher, mentor, innovator, pilot, engineer and leader of America's youth.

Feik, 83, also was presented the Fédération Aéronautique Internationale



*CAP'S RADAR EXPERT, 2ND LT. GUY LOUGHRIDGE, center, receives the Distinguished Volunteer Award from Jonathan Gaffney, right, president and CEO of the National Aeronautic Association, and Rol Murrow, chairman and CEO of Air Care Alliance. The award was presented to Loughridge during the 2007 Public Benefit Flying Awards ceremony in September.*

2006 Tis-sandier Diploma, an honor bestowed upon those who serve the cause of aviation through their work, initiative and devotion.

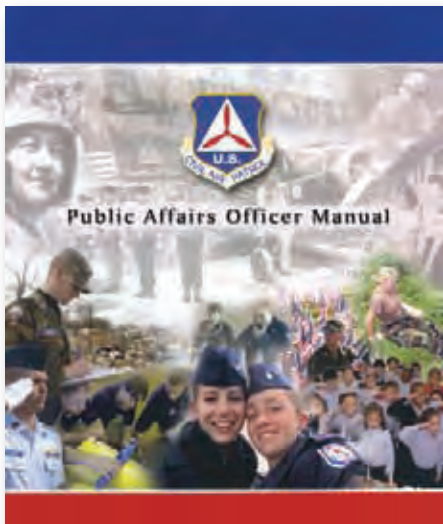
Six Michigan Wing members — Lt. Col. Leo Burke; Capts. Matthew Boucher, Vincent Gray, Richard Crepas and Augustus Gettas; and 1st Lt. Michael Sandstrom — were honored at the National Board banquet in August by 1st Air Force for their participation in Fertile Virgo, a live-fly exercise designed to prepare for Super Bowl XL security at Ford Field in Detroit.

The exercise was the largest multinational sortie mission ever flown for the Air Defense Sector in CAP history,



*AVIATION PIONEER COL. MARY FEIK of the Maryland Wing holds the 2006 Frank G. Brewer Trophy, which was presented by National Aeronautic Association President Jonathan Gaffney, left, and Frank G. Brewer III at the NAA's Fall Awards Banquet.*





A CAP PUBLIC AFFAIRS OFFICER MANUAL, right, was created in 2007 to facilitate CAP's new national public awareness plan.

with multiple agencies, aircraft and targets involved. It was flown at night in inclement weather and at low level, demonstrating the experience and professionalism CAP aircrews possess.

Maj. Gen. Henry "Hank" Morrow, commander of 1st Air Force, presented the aircrew with an AFNORTH Commander's Award.

Morrow also commended CAP members' commitment to duty before self during Hurricane Katrina.

### **2007 PAO ACADEMY**

The Civil Air Patrol's inaugural national-level PAO Academy brought together 90 public affairs officers from 40 of CAP's 52 wings and all eight of its regions.

The two-day event held in Atlanta in August was highlighted by discussion of the Civil Air Patrol's national public awareness plan, which is designed to establish public awareness of the CAP and, in the process, ensure public understanding, appreciation and support for services provided by its more than 56,000 members.

The academy also featured seminars conducted by renowned public relations experts from across the nation on topics of high interest to CAP's PAOs, including media relations and crisis communication. PAOs also learned how to write a public relations plan and the role Web sites play in public awareness.

The event included presentation of the first-ever Maj. Howell Balsem CAP Public Affairs Exceptional Achievement Awards to deserving PAOs for outstanding achievement in a variety of categories.

### **CAP NEWS ONLINE**

In its fourth year of existence, CAP News Online broke another Web record with more than 1 million page queries — the most ever. More than 1,000 stories — an average of 88 per month — were posted on this internal news and information site.

If it happens in the Civil Air Patrol across America, it is covered and extremely well-read in CAP News Online.

### **MULTIMEDIA INITIATIVES**

A new and exciting Web presence is on the horizon for CAP. That presence will include the introduction of two new but similarly designed sites — one specifically for recruiting visitors, and the other primarily for members. These sites will eventually be tied together and the usability of both will be nothing short of dynamic and cutting edge. They are expected to be online in early 2008.

The process of revamping CAP's presence on the Web began in mid-2007. In addition to the advent of a new external site for membership recruiting at [www.gocivilairpatrol.com](http://www.gocivilairpatrol.com), CAP's member site at [www.cap.gov](http://www.cap.gov) was totally redesigned as well, with a go-live date slated for early 2008. Both sites incorporate cutting-edge designs, dynamic Flash Video presentations and easy-to-use navigational structures.

In the multimedia arena, CAP continued to provide top-notch products and even expanded its services by making more media products available both to its members and the media. During the year, more than 14 feature news



COL. RICK GREENHUT, CAP's marketing adviser, presented an overview of major initiatives during CAP's first-ever PAO Academy. His presentation was one of the highlights of the academy, held in conjunction with CAP's annual conference in Atlanta.

CIVIL AIR PATROL'S  
NEW WEB SITE for  
prospective members will go  
online in early 2008.

videos were produced and distributed, including the first-ever "CAP Journal" — a 30-minute newscast produced in-house and aired nationally at the Defense Department level. In addition, almost every top-level meeting involving the CAP volunteer leadership was aired live for the CAP membership via state-of-the-art Web-streaming technology.

### CIVIL AIR PATROL VOLUNTEER

The *Civil Air Patrol Volunteer* magazine communicates and promotes CAP's noteworthy contributions to U.S. homeland security, search and rescue and humanitarian missions, as well as the importance of aerospace education and cadet programs.

Issues this year included a 20-page pullout section on the Civil Air Patrol's historic search for Steve Fossett; extensive coverage of CAP's aid to towns devastated by tornadoes, floods and wildfires; and inspirational stories, like those of two female U.S. Air Force Thunderbird pilots who got their start as Civil Air Patrol cadets and of a CAP lieutenant colonel who survived Cambodia's Killing Fields to become the first American of Asian ancestry to be appointed deputy assistant to a U.S. president.

The magazine's mailing list includes CAP's more than 56,000 members as well as constituent audiences across the nation, including elected officials and emergency service providers, such as the Federal Emergency Management Agency and the American Red Cross.

### MEMBER BENEFITS

CAP added several new member benefits in 2007, including access to health insurance and educational programs.

Willis, a national insurance broker,



CAP INTERIM  
NATIONAL  
COMMANDER  
BRIG. GEN. AMY S.  
COURTER *prepares for a  
live broadcast from her  
office at Civil Air Patrol's  
National Headquarters,  
located at Maxwell Air  
Force Base in Montgomery,  
Ala.*

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partnered with Civil Air Patrol to offer the organization's citizen volunteers a health benefit plan for any need or budget. With access to more than 150 carriers and 5,000 plan designs, Willis provides a one-stop shop for CAP members, ensuring the best insurance coverage possible.

American Sentinel University extended to CAP members and their spouses the same educational benefits it provides to active duty military, veterans and their spouses. This includes reduced tuition rates and military scholarships.

The school offers associate's, bachelor's and master's degree programs in technology, business, health care and criminal justice and industry certification programs in CompTIA, Microsoft, Cisco and project management. ▲



CAP  
PUBLISHES  
A COLOR  
MAGAZINE  
*six times a year  
for its members  
and constituent  
audiences across*

*the nation. Each issue of the Civil Air Patrol Volunteer highlights the many noteworthy missions performed by the all-volunteer organization.*



## MEMBERSHIP NUMBERS BY WING & REGION

As of Sept. 30, 2007

Region/Wing	Cadet	Officer	Total
<b>Great Lakes Region (43)*</b>	<b>2,528</b>	<b>4,058</b>	<b>6,629</b>
Illinois	579	763	1,342
Indiana	423	618	1,041
Kentucky	160	405	565
Michigan	453	729	1,182
Ohio	559	779	1,338
Wisconsin	353	765	1,118
<b>Middle East Region (55)*</b>	<b>2,967</b>	<b>3,931</b>	<b>6,898</b>
National Capital	301	235	536
Delaware	138	258	396
Maryland	591	739	1,330
North Carolina	547	808	1,355
South Carolina	477	578	1,055
Virginia	660	822	1,482
West Virginia	253	436	689
<b>North Central Region (44)*</b>	<b>1,696</b>	<b>2,566</b>	<b>4,262</b>
Iowa	114	232	346
Kansas	176	282	458
Minnesota	466	820	1,286
Missouri	459	493	952
North Dakota	91	207	298
Nebraska	266	285	551
South Dakota	124	203	327
<b>Northeast Region (68)*</b>	<b>4,131</b>	<b>4,840</b>	<b>8,971</b>
Connecticut	330	308	638
Massachusetts	338	513	851
Maine	169	289	458
New Hampshire	262	305	567
New Jersey	572	601	1,173
New York	1,110	1,210	2,320
Pennsylvania	1,133	1,286	2,419
Rhode Island	126	127	253
Vermont	91	133	224
<b>National Headquarters</b>	<b>41</b>	<b>2,678</b>	<b>2,719</b>
<b>Pacific Region (58)*</b>	<b>2,517</b>	<b>5,114</b>	<b>7,631</b>
Alaska	231	958	1,189
California	1,085	2,056	3,141
Hawaii	187	313	500
Nevada	221	569	790
Oregon	237	425	662
Washington	556	735	1,291
<b>Rocky Mountain Region (47)*</b>	<b>1,220</b>	<b>1,923</b>	<b>3,143</b>
Colorado	632	953	1,585
Idaho	207	270	477
Montana	98	156	254
Utah	215	323	538
Wyoming	68	174	242
<b>Southeast Region (85)*</b>	<b>3,952</b>	<b>5,163</b>	<b>9,115</b>
Alabama	263	710	973
Florida	1,632	2,093	3,725
Georgia	719	969	1,688
Mississippi	142	291	433
Puerto Rico	707	364	1,071
Tennessee	489	651	1,140
<b>Southwest Region (39)*</b>	<b>2,957</b>	<b>4,139</b>	<b>7,096</b>
Arkansas	218	331	549
Arizona	506	831	1,337
Louisiana	139	394	533
New Mexico	372	441	813
Oklahoma	284	432	716
Texas	1,438	1,671	3,109
<b>Total</b>	<b>22,009</b>	<b>34,455</b>	<b>56,464</b>
<b>Aerospace Education Members</b>			<b>1,046</b>

\* Members at Region Headquarters

## **CAP BOARD OF GOVERNORS MEMBERS**

**Maj. Gen. Richard L. Bowling, CAP, Chairman**  
**Lt. Gen. John D. Hopper Jr., USAF (Ret.),** Vice Chairman, CEO, Air Force Aid Society  
**Brig. Gen. Amy S. Courter, CAP, CAP National Commander (Interim)**  
**Col. Reggie L. Chitwood, CAP, CAP Chief of Staff**  
**Paul L. Graziani,** President and CEO, Analytical Graphics Inc.  
**Lt. Gen. Nicholas B. Kehoe, USAF (Ret.)**  
**Maj. Gen. Henry C. Morrow, USAF, Commander, 1st Air Force**  
**Lt. Gen. Charles J. Searock, USAF (Ret.),** Aviation & Technology Consultant  
**Maj. Gen. John M. Spiegel, USAF (Ret.),** Booz Allen Hamilton Inc.  
**Col. John E. Tilton, CAP, CAP Member-at-Large**  
**Bruce N. Whitman,** President & CEO, FlightSafety International

## **CAP NATIONAL BOARD MEMBERS**

As of 31 December 2007

National Commander – Brig. Gen. Amy S. Courter (Interim)  
National Vice Commander – Brig. Gen. Amy S. Courter  
CAP-U.S. Air Force Commander – Col. Russell D. Hodgkins Jr., USAF  
Chief of Staff – Col. Reggie L. Chitwood  
National Legal Officer – Col. Andrew J. Worek  
National Finance Officer – Col. Fredric K. Weiss  
National Controller – Col. Rodney F. Moody  
Chief of the Chaplain Service – Chaplain, Col. Charles E. Sharp  
Inspector General – Col. James F. Linker

### **Northeast Region**

Commander – Col. Robert Diduch  
CT – Col. Peter O. Jensen  
MA – Col. David A. Belcher  
ME – Col. Christopher J. Hayden  
NH – Col. Donald C. Davidson Sr.  
NJ – Col. Robert J. McCabe  
NY – Col. Kenneth J. Andreu  
PA – Col. Mark A. Lee  
RI – Col. Anthony Gagliardi  
VT – Col. Thomas P. Benckert Jr.

### **Middle East Region**

Commander – Col. Kathryn J. Walling  
DE – Col. Eugene L. Egrý III  
MD – Col. Gerard W. Weiss  
Nat Cap – Col. Jane E. Davies  
NC – Col. Larry J. Ragland  
SC – Col. Aurel E. Smith Jr.  
VA – Col. Eric R. Litt  
WV – Col. Rodney A. Moore

### **Great Lakes Region**

Commander – Col. Charles L. Carr Jr.  
IL – Col. Maurice Givens  
IN – Col. Warren M. Reeves  
KY – Col. Henry L. Heaberlin  
MI – Col. Michael A. Saile  
OH – Col. David M. Winters  
WI – Col. Donald J. Haffner

### **Southeast Region**

Commander – Col. James M. Rushing  
AL – Col. Michael A. Oakman  
FL – Lt. Col. Alvin J. Bedgood (Interim)  
GA – Lt. Col. Michael A. Crowe (Interim)  
MS – Col. Tillman C. Carroll  
PR – Col. Herman Liboy  
TN – Col. George B. Melton

### **North Central Region**

Commander – Col. Sean P. Fagan  
IA – Col. Ralph F. Tomlinson  
KS – Col. Bernard F. King  
MO – Col. John A. Mais  
MN – Col. Stephen G. Miller  
NE – Col. Robert K. Todd  
ND – Col. Karl R. Altenburg  
SD – Col. Michael A. Beason

### **Southwest Region**

Commander – Col. Joseph C. Jensen  
AZ – Maj. John W. Kruger Jr. (Interim)  
AR – Col. Robert B. Britton  
LA – Col. Michael H. Dubois  
NM – Col. Richard F. Himebrook  
OK – Col. Robert H. Castle  
TX – Col. Joe R. Smith

### **Rocky Mountain Region**

Commander – Col. Russell E. Chazell  
CO – Col. Edward D. Phelka  
ID – Col. James E. Fletcher  
MT – Col. Paul A. Tweden  
UT – Col. Robert M. Bost  
WY – Col. Stanley A. Skrabut

### **Pacific Region**

Commander – Col. Ernest C. Pearson  
AK – Col. Carl L. Brown Jr.  
CA – Col. Kenneth W. Parris  
HI – Col. Earl G. Greenia  
NV – Col. Ralph L. Miller  
OR – Col. Theodore S. Kyle  
WA – Col. David E. Maxwell



## 2007-2008 STATE APPROPRIATIONS

Region	State	Annual Amount Received	Totals Per Region
<b>Great Lakes Region</b>	Illinois	\$ 0.00	
	Indiana	\$ 0.00	
	Kentucky	\$ 30,000.00	
	Michigan	\$ 0.00	
	Ohio	\$ 0.00	
	Wisconsin	\$ 19,000.00	<b>\$ 49,000.00</b>
<b>Middle East Region</b>	District of Columbia	\$ 0.00	
	Delaware	\$ 27,000.00	
	Maryland	\$ 99,354.00	
	North Carolina	\$ 172,241.00	
	South Carolina	\$ 150,000.00	
	Virginia	\$ 100,000.00	
	West Virginia	\$ \$324,258.00	<b>\$ 872,853.00</b>
<b>North Central Region</b>	Iowa	\$ 120,000.00	
	Kansas	\$ 31,119.00	
	Minnesota	\$ 65,000.00	
	Missouri	\$ 16,500.00	
	North Dakota	\$ 80,082.00	
	Nebraska	\$ 31,500.00	
	South Dakota	\$ 38,045.00	<b>\$ 382,246.00</b>
<b>Northeast Region</b>	Massachusetts	\$ 22,500.00	
	New York	\$ 50,000.00	
	Maine	\$ 23,750.00	
	New Hampshire	\$ 61,628.00	
	Connecticut	\$ 36,758.00	
	New Jersey	\$ 35,000.00	
	Pennsylvania	\$ 500,000.00	
	Rhode Island	\$ 0.00	
	Vermont	\$ 60,000.00	<b>\$ 789,636.00</b>
<b>Pacific Coast Region</b>	Alaska	\$ 553,500.00	
	California	\$ 80,000.00	
	Hawaii	\$ 75,000.00	
	Nevada	\$ 54,500.00	
	Oregon	\$ 0.00	
	Washington	\$ 0.00	<b>\$ 763,000.00</b>
<b>Rocky Mountain Region</b>	Colorado	\$ 124,664.00	
	Idaho	\$ 0.00	
	Montana	\$ 0.00	
	Utah	\$ 75,000.00	
	Wyoming	\$ 0.00	<b>\$ 199,664.00</b>
<b>Southeast Region</b>	Alabama	\$ 125,000.00	
	Florida	\$ 0.00	
	Georgia	\$ 114,000.00	
	Mississippi	\$ 60,000.00	
	Puerto Rico	\$ 8,000.00	
	Tennessee	\$ 60,000.00	<b>\$ 367,000.00</b>
<b>Southwest Region</b>	Arkansas	\$ 82,250.00	
	Arizona	\$ 54,200.00	
	Louisiana	\$ 100,000.00	
	New Mexico	\$ 221,000.00	
	Oklahoma	\$ 71,500.00	
	Texas	\$ 0.00	<b>\$ 528,950.00</b>
			<b>\$ 3,952,349.00</b>

## FY07 CONGRESSIONALLY APPROPRIATED FUNDS

### Operations & Maintenance Funds

**\$26,413,143**

Emergency Services	
Air Force Missions	\$ 8,651,255
Other Missions	\$ 452,848
Communications	\$ 1,553,150
Aerospace Education	\$ 1,767,356
Cadet Programs	\$ 2,711,239
Professional Development	\$ 892,178
Drug Demand Reduction Program	\$ 445,679
Liability Insurance	\$ 1,897,453
Wing Administrators	\$ 1,858,575
Vehicle / Equipment Maintenance	\$ 691,927
Aircraft Maintenance	\$ 2,782,966
Program Administrative Expenses	\$ 2,708,517

### Procurement Funds

**\$11,728,348**

Aircraft	\$ 9,854,621
Vehicle	\$ 675,782
Communications	\$ 1,197,945

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### TOTAL

**\$38,141,491**



# CAP-U.S. Air Force



In 2007, our partners in the Civil Air Patrol continued to perform selfless service in their communities, states and nation. In addition to the search for Steve Fossett, every week thousands of CAP members across the country quietly participated in similar vital missions away from the glare of the national media. These actions furthered the integration of CAP into domestic Joint Forces operations and proved CAP can execute new and innovative missions.

Civil Air Patrol operations are now fully integrated into the Air Force and Joint Forces command structure. Eighty percent of the sorties flown on the Air Force's North (AFNORTH) weekly Air Tasking Order are CAP sorties. This past year saw a 50 percent increase in CAP sorties flown supporting critical training for Air Force air defense and air sovereignty assets. CAP's participation in the U.S. Northern Command's Ardent Sentry 2007 national exercise demonstrated to key officials CAP is a ready and reliable resource for use in a wide variety of emergencies following natural or man-made catastrophes.

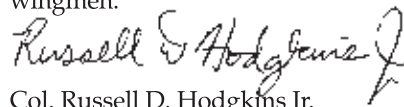
In 2006, Civil Air Patrol took part in an innovative proof of concept that demonstrated its ability to perform patrol missions along the U.S. border with Mexico. CAP continued to refine its abilities in this arena in 2007 by conducting extensive operations with the U.S. Coast Guard in the southeast U.S. These opera-

tions conclusively proved the value of airborne assets supporting such activities; Coast Guard officials reported a five-fold increase in mission effectiveness when assisted by CAP.

The CAP communications program also continues to improve. Though there were challenges installing modernized VHF radio equipment due to frequency deconfliction issues with Canada and Mexico, these issues will be resolved this year and installation will be completed. CAP has embarked on a long-overdue update of its High Frequency (also known as "shortwave") network that will ensure modern, reliable long-range emergency communications independent of satellites and of a fixed infrastructure that may not be available in a large-scale disaster. The CAP radio network, the largest nationwide emergency communications system in the country, will continue to remain viable and provide a vital, low-cost national crisis response resource for years into the future.

In addition, CAP addressed some challenging issues that improved its logistics program. Just as CAP has improved financial accountability over the past few years, the organization also has embraced new centralized maintenance management procedures designed to upgrade maintenance of its federally funded fleet of aircraft. These procedures enhance the safety and mission readiness of aircraft while efficiently spending taxpayers' dollars. CAP also has revamped its nationwide supply and inventory tracking systems in order to improve accountability for assets such as radios and computers purchased with federal funds. While certainly not as glamorous as flying operational missions, these vital actions by CAP volunteers in the field and the professional staff at National Headquarters increase public trust in the organization.

CAP's contributions, large or small, bolster and enhance our nation. The Air Force is proud to call its members our wingmen.

  
Col. Russell D. Hodgkins Jr.  
Commander







CIVIL AIR PATROL NATIONAL HEADQUARTERS  
105 S. HANSELL ST., BLDG. 714  
MAXWELL AFB, AL 36112

[WWW.CAP.GOV](http://WWW.CAP.GOV)

[WWW.GOCIVILAIRPATROL.COM](http://WWW.GOCIVILAIRPATROL.COM)