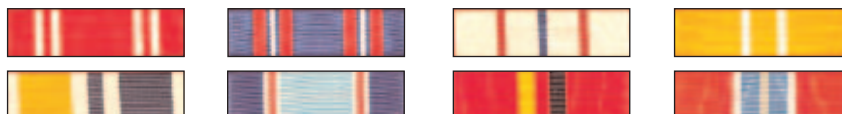


# Everyday HERO

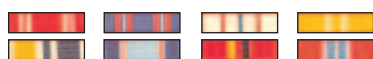
he•ro (hîro)

hero (n.) A person noted for  
feats of courage or nobility of  
purpose, especially one who has  
risked or sacrificed his or her  
life b : A person noted for special  
achievement in a particular field  
c : one that shows great strength

## 2005 Civil Air Patrol Annual Report to Congress



Everyday HEROES ...The Faces of Civil Air Patrol



### About the Cover

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*All Civil Air Patrol members - senior members and cadets - have the opportunity to earn awards and decorations in recognition of heroism, service and achievements in the CAP program.*

*At top left to right are the Gen. Carl A. Spaatz, Gen. Ira C. Eaker, Amelia Earhart and Gen. Billy Mitchell awards, which recognize achievement in the cadet program. Bottom left to right are the Gill Robb Wilson Award, Paul E. Garber Award, Grover Loening Aerospace Award and Brig. Gen. Charles E. "Chuck" Yeager Aerospace Education Achievement Award, which recognize achievement in the senior member professional development program.*

*The highest CAP award is the Silver Medal of Valor (depicted behind the definition of "Hero"), an award that honors distinguished and conspicuous heroic action, at the risk of life, above and beyond the call of normal duty.*

*Awards shown throughout CAP's 2005 Annual Report are representative of the ribbons presented to our Everyday Heroes for exceptional service or program achievement in the section in which the ribbon appears.*

3 Dec 05

Dear Major General (CAP) Pineda:

*As this extraordinary year of humanitarian need draws to a close, we in AF/XO wanted to take the time to express our gratitude to the volunteer members of the Civil Air Patrol for the rapid execution and keen professionalism demonstrated by the Air Force Auxiliary in response to this year's hurricanes.*

*The support provided in response to Hurricane Katrina was especially noteworthy. While certainly not surprised, we were gratified and impressed by our Auxiliary's professionalism, skill, and wide-ranging capability. Every talent was demonstrated during the over 900 sorties conducting SAR, air reconnaissance, air transport of key personnel, and digital imaging of key infrastructure. Additionally, the unprecedented success the Auxiliary achieved while conducting full door-to-door searches was impressive by any measure.*

*The Air Force Auxiliary continues to stand above the rest in its dedication and compassion for others. Know that all the Auxiliary personnel, equipment, and supplies provided were in direct support to a grateful nation. Please pass our heartfelt appreciation to the Air Force Auxiliary team. We fly and fight as a team, and in this case, the "fight at hand" was to save lives. We are proud to serve with the best of the best!*

*Sincerely,*

*CARROL H. CHANDLER, LT GEN, USAF  
Deputy Chief of Staff  
Air and Space Operations  
Headquarters U.S. Air Force*





U.S. Air Force Academy Cadet Hila Levy prepares for a parachute jump during training.



**Name:** Cadet Col. Hila Levy  
**Hometown:** Guaynabo, Puerto Rico  
**Educational Status:** U.S. Air Force Academy Cadet  
**CAP Position:** Puerto Rico Wing Cadet  
**Year Joined CAP:** 2000

**What do you get out of volunteering for CAP?**

*“Being a Civil Air Patrol cadet helped me get to the Air Force Academy and start my way on my dream of becoming an Air Force officer. As a cadet, I was able to help others who see me as a role model and also find my own role model. I was able to help save lives, learn about and help my community and, basically, just become a better person all around.”*

# Civil Air Patrol Saves Lives



On behalf of our 57,000 members, I am pleased to present the Civil Air Patrol's 2005 Annual Report to Congress. In CAP, it is all about the volunteer – Everyday Heroes who use the critical, invaluable resources provided annually by Congress to answer our nation's call for missions essential to the safety and quality of life of American citizens.

Through the voluntary public service of our members, CAP makes a priceless and positive impact in communities through disaster relief, search and rescue missions, aerospace education and cadet programs.

This phenomenal year highlighted the bravery, sacrifice and patriotism of CAP's Everyday Heroes. Our rapid response to hurricanes Katrina, Ophelia, Rita and Wilma was the organization's most extensive ever.

During the relief efforts, CAP:

- Deployed 1,800 members from 17 states and served over 50,000 volunteer hours;
- Flew over 1,000 air missions and logged over 2,000 hours of flight time;
- Provided more than 2,000 time-critical aerial images of the affected areas;
- Distributed 30,000 pounds of relief supplies;
- Ground teams visited 4,266 homes, contacting over 8,500 residents; and
- Chaplains offered spiritual support to the victims.

CAP's great work didn't stop with the hurricane relief efforts. In addition:

- Members carried out 2,507 search and rescue missions and saved 73 lives;
- CAP, in conjunction with many other organizations, helped reduce illegal drug activity by more than \$637 million; and
- The cost to taxpayers for CAP missions was less than \$100 per aircraft hour flown.

CAP's Cadet and Aerospace Education programs made a tremendous impact as well:

- The AE Program reached another 18,900 youth, and more than 400 educators were exposed to the value of national service; and
- CAP's 23,270 cadets experienced an outstanding program of leadership training, career motivation and flight instruction.

CAP also made significant technological strides:

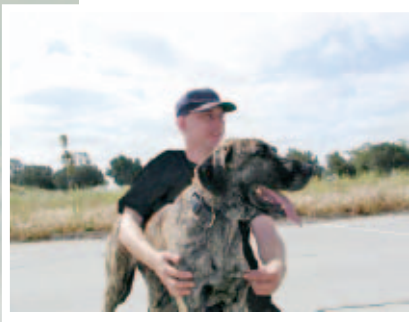
- CAP's capability to send high-resolution aerial images of disaster areas to emergency managers in mere minutes increased dramatically; and
- Four hyperspectral imaging systems were installed in CAP aircraft, and the remaining 12 are slated for 2006.

Thank you for your support of CAP. As National Commander of this outstanding group of citizen volunteers, I invite you to read our entire report to see the breadth of our missions and the passion of our Everyday Heroes. As you will discover, CAP continues to provide an irreplaceable and highly economical value to America.

Marc Huchette, National Headquarters



CAP National Commander  
Maj. Gen. Antonio J. Pineda



California Wing member 1st Lt. Shane Terpstra with the Saddleback Composite Squadron's mascot "Baloo."



**Name:**

1st Lt. Shane Terpstra

**Hometown:**

Laguna Niguel, Calif.

**Occupation:**

Network Engineer, Technology Management Group

**CAP Position:**

Incident Commander/ARCHER Operator,  
California Wing

**Year Joined CAP:**

1989

**What do you get  
out of volunteering  
for CAP?**

*"Being active in the search and rescue program gives me a sense of meaning. There is no better feeling than joining a SAR mission in any capacity in the hope of bringing closure and perhaps a happy ending to the families involved. Fame and recognition mean nothing when compared to a simple thank you or good job from a peer or family member."*



# Our **HEROES** in Action

## *Disasters Strike; CAP Responds*



When hurricanes Katrina, Ophelia, Rita and Wilma struck U.S. coastlines between late August and the end of October, CAP volunteers united to help. Members from 17 states converged on disaster-stricken areas in Louisiana, Mississippi, Texas, North Carolina, Florida and Alabama to assist with search and rescue and relief missions.

At a moment's notice, the CAP's volunteers left behind jobs, families and comfortable lifestyles to trudge through mud and debris, work long days, sleep short nights and fly countless air missions to aid their fellow Americans.

### **Aircrews Key to Success**

Throughout the six states, CAP pilots and observers flew over 1,000 missions and spent over 2,000 hours flying survivor search, aerial photography and official transport missions at the request of state and federal agencies.

Following Hurricane Katrina, aircrews directed by the Louisiana Wing flew over 900

- **Over 1,000 air missions**
- **2,000-plus hours aloft**
- **131 ground missions, 4,266 homes visited**
- **Over 8,500 residents contacted**
- **Over 50,000 hours of volunteer time**



Marc Huchette, National Headquarters

*From right, CAP National Commander Maj. Gen. Antonio J. Pineda and Maj. Alexander Hamilton, Texas Wing, deliver tarps to residents of a storm-torn Mississippi neighborhood during CAP's Hurricane Katrina relief operations.*

hours to provide over 2,000 digital images to state and federal emergency responders.

In addition, aircrews provided flights for residents to reunite them with family members and aerial transportation for Native American elders who needed to assess the devastation to their communities.

Aircrews also assisted state agencies responsible for restoring community life to the devastated areas, orbited above disaster areas with airborne radio repeaters and scouted and set up landing zones for helicopters.



*Texas Wing members Capt. Ann Starr, a mission pilot, and 1st Lt. Robert Morton review Hurricane Rita aerial reconnaissance images taken during damage-assessment missions.*

Among nearly a dozen agencies that specifically looked to CAP for aerial assistance were Louisiana's Department of Homeland Security, Nursing Home Association, State Board of Regents, Department of Environmental Quality, Air National Guard and Department of Transportation & Development, as well as the U.S. Postal Service and the LSU Hurricane Team.

Also, in Mississippi, where aircrews flew over 90 missions totaling over 200 hours, pilots and observers assisted Mississippi's Department of Transportation and Emergency Management Agency.

Meanwhile, CAP pilots in Alabama flew damage-assessment missions at the request of the Mobile Emergency Management Agency, capturing aerial photographs of Dauphin Island and Bayou La Batre and images of flooding and damage along Mobile Bay.

## Ground Search Touches Thousands

In southern Mississippi, where flooding immersed even houses on stilts, CAP members

responded to Katrina with a ground search of unprecedented proportions. Converging in four Southern Mississippi counties, more than 200 cadets and senior members from across the country accounted for residents and ensured their survival by walking door-to-door to 4,266 homes and disseminating food, water and other supplies. Ground teams worked 8,627 hours in the field, ensuring the safety of more than 8,500 residents.

CAP members camped in tents at airports and volunteered 12 to 18 hours a day for 10



*CAP members assisted relief operations in South Alabama, where Hurricane Katrina caused significant beach erosion.*





Marc Huchette, National Headquarters



*Pennsylvania Wing ground team members, from left, Cadet 2nd Lt. Zach Brizek, Sr. Mbr. Capt. Eric Schuelke and Cadet Capt. Maureen Elizabeth Arscott knock on a Mississippi resident's door during a ground search of a neighborhood wrecked by Hurricane Katrina.*

days. They provided not only for residents' physical needs, but also their emotional needs by simply listening as victims talked about their despair and frustration.

Former CAP National Vice Commander Brig. Gen. Rex E. Glasgow helped ensure CAP's comprehensive involvement by securing \$200,000 from FEMA.

Residents showed their appreciation by offering meals to the volunteers and by paying for their food and gas.

## Aerial Images Close the Gaps

The response to Hurricane Katrina was so successful, the Department of Defense requested CAP's assistance before Hurricane Rita came ashore in Texas. CAP prepositioned nine aircraft in preparation for DoD transportation and aerial imagery missions. CAP aircrews supported Hurricane Rita relief efforts with nearly 150 air missions and over 350 hours of flight time.

Also, hours after Hurricane Ophelia swept the North Carolina coast, CAP pilots flew seven

sorties totaling nearly 22 hours. They provided aerial reconnaissance and damage assessment, and coordinated aircraft operations. In addition, aircraft and aircrews served as airborne repeater stations so state emergency response teams could transmit data to and from aircraft responding to the hurricane. One CAP aircrew took more than 140 high-resolution images.

Approximately 40 CAP volunteers who weren't flying aircraft helped staff the CAP operations hub in the General Aviation Terminal at Raleigh-Durham Airport.

In Florida, CAP members responding to Wilma flew 63 air missions totaling 147 hours and carried out 21 ground sorties totaling over

Marc Huchette, National Headquarters



*The destruction in Mississippi from Hurricane Katrina, seen in this CAP aerial photograph, was devastating, but the disaster didn't weaken the resolve of CAP members.*



*Cadet 1st Lt. Christopher Papson of the Texas Wing distributes water at Houston Mission Base during Hurricane Rita relief operations.*

**“CAP provided and will continue to provide for the U.S. and the Air Force unique, cost-effective capabilities.”**



*1st Lt. Denise Thompson, Texas Wing*

*CAP members help Hurricane Katrina evacuees off an airplane at Ellington Field in Houston.*

900 man-hours. In all, over 160 members of the Florida Wing took part in the relief effort with help from members of the Georgia Wing.

## **Air Force Recognizes CAP As ‘Force Multiplier’**

CAP’s hurricane relief efforts earned praise from senior Air Force leaders. “AIM Points,” an online publication of the Office of the Secretary of the Air Force, noted: “CAP provided and will continue to provide for the U. S. and the Air Force unique, cost-effective capabilities. CAP members ensured the security of civilians and their homes in the affected areas of the Gulf Coast. It is a force multiplier for the Total Air Force. Airmen couldn’t perform their duties in the Gulf Coast without CAP support.”



*Capt. Jim Phillips, Georgia Wing*

*Georgia Wing’s 1st Lt. Steve McKain preflights a CAP Cessna C-172 for a mission along the Georgia coastline.*





## Fires Rage; Texas, Oklahoma Wings Soar

Dry air, high winds and drought late in 2005 fueled fires that sent members of the Oklahoma and Texas wings to the skies. Both wings flew aerial fire-spotting missions; Oklahoma aircrews also assisted with radio relay via high-bird flights as 2006 began.

In Oklahoma, where the Federal Emergency Management Agency reported that fires killed four people, burned over 285,000 acres and destroyed at least 200 homes, CAP pilots and observers flew eight days, completing 17 missions totaling over 60 hours in late November and early December.

When fires intensified again in January, aircrews flew at least 125 more hours. In all, 20 CAP volunteers participated in the effort that directly aided local fire departments and residents.

In Texas, residents and local and federal agencies faced similar dire straits. Fires there burned more than 455,000 acres and destroyed at least 343 homes, the Texas State Operations Center's Web site reported.

Texas Wing pilots and observers who assisted with fire spotting and reporting logged at least 647 hours of flight time and located at least 104 fires.

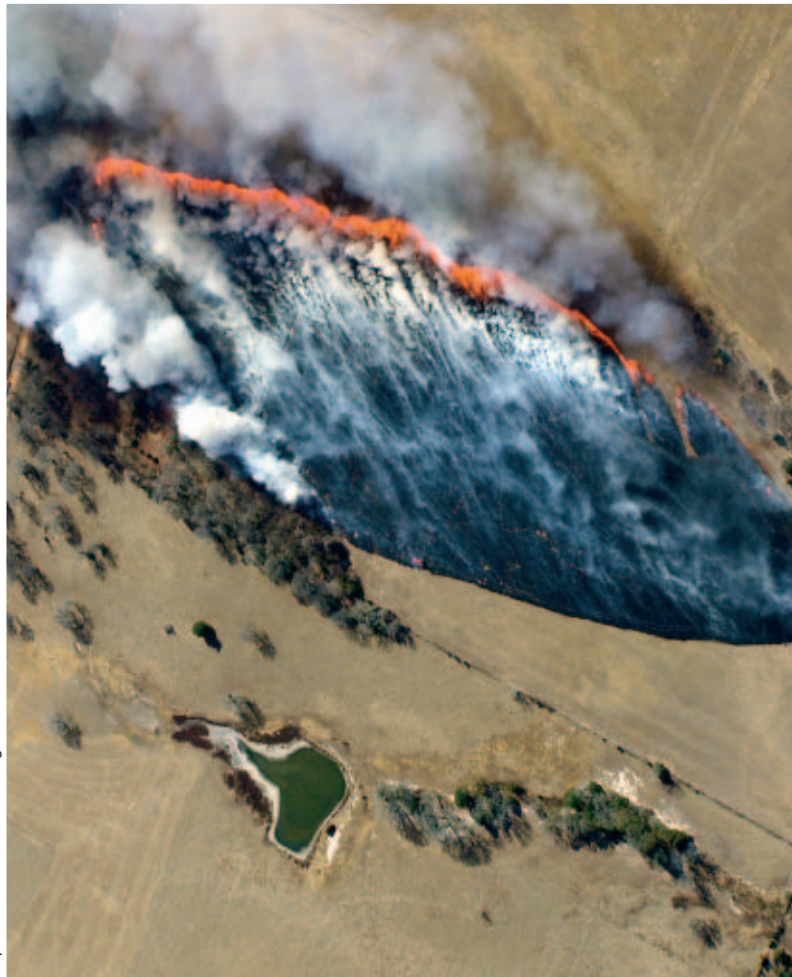
In all, more than 30 Texas Wing members took part in the operations.

Capt. Bill Wierda, Oklahoma Wing



Oklahoma Wing pilot Maj. Don Foster pilots a CAP Cessna C-172 above his home state during an aerial fire-spotting mission.

Capt. Frank Clawson, Texas Wing



Texas Wing members 1st Lt. James Glombowski and Capt. Frank Clawson flew above this fire in Milam County, northeast of Austin and south of Waco, on a fire-spotting mission.





Capt. Ed Kessler, Southeast Region

Capt. Steve Drew of the Florida Wing and Lt. Col. Ernest Bilotto of the Southeast Region discuss a recent mission.



**Name:** Lt. Col. Ernest Bilotto  
**Hometown:** Clearwater, Fla.  
**Occupation:** Safety and Evaluations, Federal Aviation Administration; Adjunct Instructor, St. Petersburg College  
**CAP Position:** Southeast Region Director of Counterdrug Operations; Southeast Air Defense Coordinator  
**Year Joined CAP:** 1989

**What do you get out of volunteering for CAP?**

*“When I’m flying, it’s the sheer joy of doing the mission, especially the challenge of meeting the specifics of the mission requirements, because they’re so precise. Being on time and on target is very challenging.”*

# Everyday **HEROES'** Missions for America



1st Lt. Denise Thompson, Texas Wing

*Texas Wing members Lt. Col. Steve Lamonte and Capt. Jay Workman meet at West Houston Airport during Hurricane Rita relief operations.*

2005 was a year of great growth in the number of CAP's diverse and exciting missions, many of which resulted in life-saving rescues. Some of these missions, flown at the request of the U.S. Air Force, involved homeland security, including protection of the nation's capital; drug reconnaissance; and locating hundreds of emergency locator transmitters and emergency position-indicating radio beacons activated when hangared aircraft and docked boats were damaged during hurricanes.

## **CAP Emergency Services: Key Word Is Service**

As has been a tradition for over 60 years, CAP pilots and aircraft were highly valued for their ability to fly low and slow. Federal and state agencies called on CAP regularly in 2005, whether they needed pilots and observers to take vital damage-assessment photos, search for crash victims or even look for and ensure the safety of, yes, cows after hurricanes Katrina and Rita devastated parts of Louisiana and left the animals stranded.



**In 2005, CAP members helped save 73 lives and flew over 107,000 hours, which included 53,000 Air Force mission hours.**

### Volunteers Save Lives

In 2005, CAP members saved 73 lives while performing 2,507 missions totaling over 18,000 man-days. Whether searching for a missing hunter in Oregon, seeking missing or overdue helicopters in Louisiana and Arkansas, providing flood relief in Pennsylvania or assessing tornado damage in Kentucky, CAP members were there.

CAP aircrews were an ideal resource throughout the country because of their experience in search and rescue and their ability to provide aerial imagery in a cost-effective manner.



*Above, CAP volunteers assisted in the search for this helicopter. Left, the U.S. Air Force Rescue Coordination Center awarded two search and rescue "distress saves" to the California Wing for its part in rescuing the pilots of this downed glider.*



Marc Huchette, National Headquarters

*CAP cadets practice using an emergency locator transmitter direction-finder to search for a downed aircraft during CAP's National Emergency Services Academy.*

While CAP volunteers perform 95 percent of continental inland search and rescue missions tasked by the Air Force Rescue Coordination Center at Langley Air Force Base, Va., its customers, especially the U.S. military, pay a very small fee for the outstanding service CAP provides. When the Air Force assigns a mission to CAP, it generally costs less than \$100 per flying hour.

### Members Answer Distress Calls

CAP members reacted quickly to land and sea distress signals, participating in 2,419 missions to locate ELTs and EPIRBs. Of those missions, 285 were actual distress calls. These beacons must be deactivated so emergency responders can differentiate between real distress signals and false alarms.

### Volunteers Protect Our Homeland

In 2005, CAP aviators and other members continued to support U.S. homeland security. At the request of the U.S. Air Force, CAP took part in several vital exercises.



In May, several wings in CAP's Middle East Region helped the Air Force test its new Visual Warning System for pilots, a security system that signals pilots 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. CAP's role was critical to the successful implementation of this important new security system.

CAP also assisted 1st Air Force in conducting Falcon Virgo missions at least once per month above Washington, D.C. CAP aircraft served as flying targets, acting as potential threats to the nation's capital. As they closed in on restricted areas, ground forces tracked CAP aircraft with radar and surface-to-air missile operators locked the planes in their radar sights. Air Force F-16 fighter jets and U.S. Customs and Border Protection Blackhawk helicopters intercepted the mock enemies and escorted them out of the restricted airspace.

In addition, CAP pilots flew similar missions using CAP and privately owned aircraft to assist the Southeast, Northeast and Western Air Defense sectors in flying target-intercept training for their fighter pilots.

"CAP has become an important partner in our homeland defense mission," said 1st Air Force Commander Maj. Gen. M. Scott Mayes. "Because of the cooperation between CAP and NORAD, we're better able to meet our nation's requirements for rapid response to any threat to our air sovereignty. This kind of teamwork is vital to our rapid-response capability. Together, when we're called upon, we'll be ready to act, and act fast."

**"Because of the cooperation between CAP and NORAD, we're better able to meet our nation's requirements for rapid response to any threat to our air sovereignty. This kind of teamwork is vital to our rapid response capability. Together, when we're called upon, we'll be ready to act, and act fast."**

*1st Air Force Commander Maj. Gen. M. Scott Mayes*

## **Volunteers Help Communities Stay Drug Free**



CAP helped safeguard the nation in 2005 by providing valuable assistance with the ever-present war on drugs. CAP pilots and observers assisted other agencies in taking more than \$637 million in illicit drugs and money off U.S. streets. They conducted searches, at the request of state and federal counterdrug agencies, for outdoor marijuana patches and other indications of illegal drug activity and reported back what they uncovered.

CAP aircrew members also posed as pilots of aircraft flying illicit drugs and contraband into



*CAP members assisted other agencies in taking more than \$600 million in illicit drugs and money off streets across America through aerial counterdrug missions.*



Marc Huchette, National Headquarters

*Wisconsin Wing's 2nd Lt. William Salm operates a CAP-programmed radio in the Wisconsin Wing Mobile Command Post and Communications Center at Hawkins Field Airport in Jackson, Miss., during Hurricane Katrina relief operations.*

American airspace, which allowed U.S. Air Force fighter pilots to practice intercepting illegal flights.

When CAP members weren't flying counterdrug missions, many of them visited classrooms to help make our nation's youth aware of the dangers of drug use.

## Communications Milestone Met

Members of CAP's communications team are unsung heroes whose behind-the-scenes commitment to excellence is truly vital to CAP's missions for America.

In 2005, they completed the first-ever nationwide study of CAP's VHF repeater requirements, a yearlong project requiring development of a detailed plan, including extensive justification for every repeater requested, and, ultimately, tens of thousands of man-hours.

Wings submitted a total of 609 repeater applications and 545 survived the rigorous approval process. As a result of this monumental effort, CAP will meet the transition deadline for conversion to the new federally mandated narrowband frequencies.

## Training, Technology Spur CAP's Efforts

CAP could not execute its emergency services mission without thoroughly trained members, and in 2005 the CAP National Emergency Services Academy at Camp Atterbury, Ind., provided the ultimate learning experience.

Over 350 CAP members representing every wing in the nation participated in the NESA, hosted by officials assigned to the camp and the Military Department of Indiana. Participants learned about CAP's Satellite Digital Imaging System and Airborne Real-time Cueing Hyperspectral Enhanced Reconnaissance technology and participated in field demonstrations using new ground direction-finding units and radios. Some also took part in incident command training in partnership with the Indiana Public Safety Training Institute.

CAP continued to take large technological strides in 2005. Its satellite-transmitted digital imaging system topped the list of equipment acquisitions. The auxiliary plans to increase the number of systems to 80 in 2006.

This critical imaging technology features automatic archiving on a secure Web site that allows access by representatives of federal, state and local emergency management agencies. The equipment was indispensable as an impact-assessment tool in the aftermath of hurricanes Dennis, Katrina, Ophelia, Rita and Wilma.

# CAP Overall Flying Hours & Lives Saved by Wing

as of Sept. 30, 2005



Unit	Air Force	Corporate	Total	Lives Saved
AK	2,238	1,149	3,388	32
AL	1,348	1,906	3,254	0
AR	1,105	919	2,024	0
AZ	1,072	1,416	2,489	0
CA	4,439	2,191	6,630	4
CO	1,764	1,032	2,796	6*+
CT	205	269	474	0
DC	383	335	718	0
DE	339	1,715	2,054	0
FL	2,430	2,326	4,756	0
GA	1,301	1,557	2,858	0
HI	377	876	1,253	0
IA	330	813	1,143	0
ID	752	380	1,132	5 *
IL	616	1,338	1,954	2
IN	975	431	1,405	0
KS	407	270	677	0
KY	1,793	868	2,661	3
LA	1,811	788	2,599	2
MA	549	889	1,439	0
MD	534	2,611	3,145	0
ME	338	562	899	0
MI	958	972	1,930	0
MN	1,612	3,140	4,752	0
MO	269	559	828	0
MS	969	903	1,872	3
MT	312	187	499	4
NC	805	1,048	1,853	1
ND	529	738	1,266	0

Unit	Air Force	Corporate	Total	Lives Saved
NE	573	507	1,080	1
NH	448	744	1,192	0
NJ	789	1,082	1,871	0
NM	883	813	1,696	1
NV	1,484	471	1,955	0
NY	1,392	1,263	2,656	0
OH	633	609	1,243	0
OK	1,818	760	2,579	1
OR	486	423	909	0
PA	1,185	2,355	3,540	2
PR	167	224	392	0
RI	212	260	472	0
SC	1,170	1,281	2,451	0
SD	528	867	1,395	0
TN	651	935	1,586	0
TX	2,640	2,424	5,064	2
UT	809	429	1,238	1
VA	1,175	1,816	2,991	1
VT	141	276	417	0
WA	1,779	950	2,729	2 *
WI	1,810	1,823	3,633	2
WV	739	624	1,362	0
WY	334	571	905	1
National Headquarters & Regions				
	1,714	435	1,824	0
<b>TOTAL</b>	<b>54,121</b>	<b>54,127</b>	<b>108,248</b>	<b>73</b>

\* One save shared among three wings

+ One save shared among two wings





From left, Maj. Russell Melvin, Texas Wing, and Lt. Col. Darrell Kilburn, Tennessee Wing, discuss an aerial damage-assessment mission during Hurricane Katrina relief operations in Jackson, Miss.



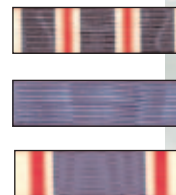
**Name:** Maj. Russell Melvin  
**Hometown:** Wichita Falls, Texas  
**Occupation:** Retired Senior Police Detective, Wichita Falls Police Department; Pilot, Eagle Pipeline Patrol Inc.  
**CAP Position:** Texas Wing Emergency Services Training Officer; Senior Mission Pilot  
**Year Joined CAP:** Cadet, 1968-1972; Senior Member, 1994-present

**What inspires you to serve in CAP?**

***"I serve** in CAP because I was a cadet and did not serve in the military. Call it service-minded, guilt for not serving or just enjoying the company of others who put service before self, but as a retired police officer I am used to it and really enjoy it."*

# Mission Training

## High-Tech Support for Our **HEROES**



*A member at CAP's West Houston Mission Base cleans the hyperspectral imaging window on a Gippsland GA8 Airvan prior to an ARCHER mission that CAP performed for the U.S. Army Corps of Engineers.*

In order to maintain its status as the resource of choice for the Air Force and emergency service providers across the nation, CAP substantially expanded the number of volunteers trained to use its state-of-the-art satellite-transmitted digital imaging and hyperspectral imaging systems. CAP also increased its fleet of glass cockpit-equipped Cessna aircraft and identified a multitude of uses for the Wisconsin Wing's Mobile Command Post and Communications Center, including critical communication needs during the hurricane season.

### New Technology Enhances Search and Rescue

CAP installed four of the cutting-edge ARCHER systems in its aircraft in 2005. ARCHER represents one of the most advanced technologies available for search and rescue, and CAP is the first national organization to use it.

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





Lt. Col. Carl Willert, Nebraska Wing

Nebraska Wing members Col. Warder Shires and Col. John T. Rooney input aerial photographs during Hurricane Rita relief operations. The wing flew more than 30 hours and took over 200 pictures.

that match the spectral signature or anomalies can be processed in real-time, stored, analyzed and transmitted to ground teams.

In 2005, CAP trained 66 volunteers on the system. In addition to the four deployed in 2005, CAP will field 12 more systems next year for a total of 16. CAP is deploying this cost-effective tool to increase the effectiveness of its search and rescue, disaster relief and homeland security missions.

## Digital Imaging Aids Emergency Responders

CAP's ability to transmit high-resolution aerial images of disaster areas to emergency managers on the ground in a matter of minutes significantly increased in 2005. Operational satellite-transmitted digital imaging systems grew from 18 to 54 and, in 2006, the number is expected to increase to 80. The systems combine off-the-shelf cameras, computers and satellite telephones to form a near real-time, low-cost, highly dependable imaging capability available throughout the country. This rapid-response technology enables CAP to capture and transmit

images via e-mail, providing vital on-scene "eyes" to emergency responders.

## Mobile Command Center Moves Out

Introduced in October 2004, the Wisconsin Wing's Mobile Command Post and Communications Center, the Orca II, took center stage during Hurricane Katrina. It is the fourth mobile command center for the Wisconsin Wing, but the first in CAP completely funded by a homeland security grant. Based on a modified Winnebago G38 Adventurer mobile home, the Orca II is managed by Wisconsin Wing logistics as a mobile command and control resource, not just a communications or emergency services vehicle.

While its primary area of responsibility is the state of Wisconsin, the mobile command center has received extensive use as a recruiting and public relations tool, including Hamvention 2005 held in Dayton and CAP's 2005 Annual Conference and National Board held in St. Louis. The mobile center's first out-of-state deployment was to Jackson, Miss., following Hurricane Katrina. It was used for communications, because the





Mississippi Wing headquarters had been destroyed by the storm.

## Advanced Technology Keeps Pace With Military, Industry Standards

CAP's 2005 purchase of new aircraft included Cessna 182s equipped with the Garmin G-1000 glass cockpit, a computer-based information management system that replaces mechanical instruments. Twenty-one of these aircraft were added to the fleet this year and 32 will be delivered in 2006. This addition of state-of-the-art technology to CAP aircraft increases situational awareness for pilots and dramatically increases mission capabilities, particularly in marginal weather. Moreover, this update increases the reliability and efficiency of CAP's fleet and brings CAP closer to current and future military and industry standards for pilots.

## Accidents Drop 50 Percent

Through widespread use of operational risk management, innovative online training courses and unit-level training events, CAP's Everyday Heroes reduced its aircraft accident rate by 50 percent from the previous year. Another initiative took CAP's mishap prevention program to an even higher level with the introduction of CAP Safety Day held in October. The event's focus on safety started the year off with the right message.

Two Everyday Heroes who made a difference in safety in 2005 were Maj. Larry Mattiello, Texas Wing, and Capt. Jay Hopkins, Arizona Wing. Mattiello, president of Aero Insurance Inc. and one of the most recognized advocates of risk management in the industry, presented a seminar during CAP's national conference on "Aviation Decision Making." Hopkins, founder and president of the Error Prevention Institute, used his consulting expertise to present a seminar on identifying the human traps that lead to error.

Staff Sgt. Patrick W. Brown, Air Force Base Public Affairs Office



Florida Wing member 1st Lt. Todd Wean finishes pushing a CAP Cessna C-172 into place at Patrick Air Force Base, Fla., after completing a homeland security mission.



Cadet 1st Lt. Christina Zarrilli introduces Boca Raton, Fla., schoolchildren to CAP; inset, refereeing a soccer game in her hometown of Boca Raton.



**Name:**

Cadet 1st Lt. Christina Zarrilli

**Hometown:**

Boca Raton, Fla.

**Occupation:**

Student, Florida Atlantic University High School; Soccer Referee and Baseball Umpire, Boca Raton Athletic Association

**CAP Position:**

Cadet Commander, Boca Raton Composite Squadron

**Year Joined CAP:**

2002

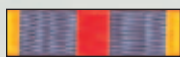
**What has being a member of CAP meant to you?**

*“Being a member of Civil Air Patrol means I am able to serve my country and community and demonstrate my appreciation for the freedoms we all cherish. Through CAP, I have had the opportunity and honor to meet many courageous veterans who defended our country’s liberties. Their motivation and dedication of service to our nation and its values have been an inspiration to me. We all must continue to find ways to honor veterans and celebrate their service to our country.”*



# The HERO in You

## Cadet Programs Shape Young Lives



In the CAP Cadet Program, 23,270 youth ages 12 to 20 explored careers in aviation in 2005 while taking part in activities that encouraged them to become responsible citizens and well-rounded adults. Based on the core values of integrity, volunteer service, excellence and respect, the cadet program has facilitated the cadets' growth as patriotic future leaders through a wide range of opportunities.

### CAP Shapes Tomorrow's Leaders

In 2005, 24 cadet officers took part in CAP's Civic Leadership Academy. The weeklong program held in Washington, D.C., included behind-the-scenes tours and briefings at the Capitol, Supreme Court, Pentagon, State Department and the Central Intelligence Agency.

In addition, as the U.S. sponsor of the International Air Cadet Exchange program, CAP arranged the exchange of 70 aviation-minded cadets and 16 adult escorts to 13 countries. During their two-week stay, the cadets learned about aviation and space activities from an international perspective and formed lasting friendships. Also, members from 11 CAP wings hosted international cadets and escorts in their homes.



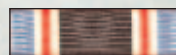
*Cadets walking to class at 2005 Cadet Officer School at Maxwell AFB, Ala.*

These leadership opportunities for cadets were accompanied by dozens more, including the 2005 Cadet Officer School, where more than 100 youth gathered at Maxwell Air Force Base in Montgomery, Ala., for 10 days of study under top military and industry leaders. The cadets, all Gen. Billy Mitchell Award recipients, attended lectures and seminars on leadership, communication skills, strategic thinking and aerospace heritage.

### CAP Helps Launch Careers

CAP is doing its part to ensure a future work force for our vital air and space industry by offering more than 30 national activities for





cadets that emphasize leadership, aerospace-related careers and flying instruction.

Of particular note in 2005 were 14 career exploration academies that provided cadets a glimpse of career aviation opportunities in the military and private sector. New academies included an engineering-oriented activity at Wright State University, Ohio; an Air Force Space Command familiarization course at Vandenberg AFB, Calif.; and the first-ever aircraft-manufacturing academy at Cessna Aircraft Co. in Independence, Kan. At the academy, cadets worked alongside employees building airplanes and also participated in a training flight showcasing the new Garmin G-1000 glass cockpit.

Also, more than 110 youth explored careers in engineering and aerospace technology at national summer flight academies, and more than 125 cadets soloed in both powered and glider aircraft.

Other schools and courses included:

- Advanced Technology Academy at Dowling College, N.Y., and Peterson AFB, Colo., for instruction in the latest aviation technology, basic computer programming, Web-site design and the Satellite Tool Kit, a computerized tracking program used by many CAP cadet squadrons;
- Engineering Technologies Academy at Auburn University, Ala., for instruction by engineering professors and NASA researchers on aero, fiber, industrial and mechanical engineering;
- Aerospace Education Academy at CAP's Education and Training Center in Oshkosh, Wis. - also home to the Experimental Aircraft Association - for hands-on aviation activities;
- Air Education and Training Command Familiarization courses at Laughlin AFB, Texas, and Columbus AFB, Miss., for a firsthand look at Air Force flight training; and
- Air Force Space Command familiarization courses at Patrick AFB, Fla., and Peterson AFB, Colo., for exposure to actual Air Force Space Command assignments.

In addition, CAP showed its commitment to high-achieving cadets' careers by making more than \$300,000 in academic and flight scholarships available.

Also, 12 cadets were recommended for entrance into the U.S. Air Force Academy Preparatory School. Though the prep school usually chooses only one CAP cadet per year, in



*Georgia Wing member Chaplain (Lt. Col.) James Hughes teaches a moral leadership class to CAP cadets at National Headquarters, which is located on Maxwell Air Force Base, Ala.*



Arizona Wing cadets assist with the flag-raising ceremony during the Thunderbird Balloon Festival in Glendale, Ariz.

2005 two cadets earned appointments and four others received direct appointments to the U.S. Air Force Academy. In addition, one of the 12 cadets received a Falcon Foundation Scholarship to a military preparatory school.

## CAP Builds Character

The 2005 National Cadet Competition provided opportunities for CAP cadets to exhibit high standards of leadership and personal responsibility through drill, aerospace knowledge and physical fitness. In this competition, the very best of CAP's cadet drill teams and color guards – 168 youth – squared off in July at the National Air and Space Museum in Washington, D.C.

Cadets also underwent a week of training leading up to participation in the National Blue Beret Academy and the Experimental Aircraft Association's 2005 AirVenture Oshkosh, one of the world's largest air shows. A total of 136 cadets from across the nation gathered in Oshkosh, Wis., to assist the EAA with the fly-in.



A Louisiana Wing cadet shines his shoes during a summer encampment.

## CAP Uplifts At-Risk Youth

CAP assists many youths through its CAP School Program, including those "at-risk," in developing leadership and personal skills that will help them achieve personal goals and become productive, patriotic citizens. In 2005, 14 schools signed up for the program, which now touches over 1,800 students in 54 schools.

The program seeks to reduce drug use among youth and promotes strong character traits like respect, good manners, accountability and critical-thinking skills.



Florida Wing cadets greet each other during a summer activity.

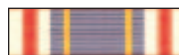




Col. Gary Mayo builds paper airplanes with local schoolchildren.



Michigan Wing Commander Col. Gary Mayo, left, visits with a villager on the outskirts of Beijing, China during a business trip with the China - U.S. Center for Sustainable Development.



**Name:**  
**Hometown:**  
**Occupation:**

Col. Gary Mayo  
Canton, Mich.

**CAP Position:**  
**Year Joined CAP:**

Director, Government Affairs & Corporate  
Responsibility, VISTEON Corp.  
Commander, Michigan Wing  
1983

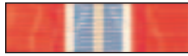
**What has being a  
member of CAP  
meant to you?**

*“Having originally joined CAP in 1969 as a cadet in the Forest Hills Cadet Squadron in New York City, I began to develop my personal skills and leadership disciplines. In reflecting back on my CAP experiences as a young adult, I know the program has directly contributed to my personal success as a corporate executive and global business leader.”*



# Aerospace Education

## Brings Out the **HERO** in You



CAP's National Headquarters Aerospace Education Division, with more than 100 years combined educational and CAP experience, supports aerospace education personnel in the field, which includes eight deputy chiefs of staff, 52 wing directors and over 1,500 squadron officers, by generating national-standards-based educational materials for the CAP Cadet Program and over 1,600 CAP Aerospace Education Members across the nation.

### AE Materials Emphasize Math, Science

CAP's inquiry-based program motivates students and cadets to learn science, math and other subjects with hands-on, real-world applications offered in partnership with aerospace-related entities, such as the Aerospace Education Foundation, Federal Aviation Administration, Experimental Aircraft Association and American Institute of Aeronautics and Astronautics. AEMs and over 20,000 cadets annually take advantage of this program, including the homeschool community.

Marc Huchette, National Headquarters



*CAP's Aerospace Education Program teaches youths about aviation through fun projects like cutting out and building paper gliders.*

AEMS are provided special "Fly a Teacher" flights complemented by an aviation workshop, so they can share firsthand with their students the thrill of soaring into the clouds. The bimonthly "AE Newsletter" supports the program with news, events and even lesson plans.

In addition, CAP's Aerospace Education Excellence program teaches students and cadets multidisciplinary aviation concepts that emphasize aviation's connection to history, math, science, government and economics. With over 400 educators and 394 units participating in 2005, the program reached over 18,900 youth.

The AEX college course, offered to members who participate in the AEX program and who complete the requirements of Adams State College for one hour of graduate credit, attracted educators from across the nation.



## National Conference Promotes Aerospace Education

CAP also helps AEMs stay abreast of the latest aerospace education trends and technology by offering the National Conference on Aviation and Space Education, which will be held Oct. 19-21, 2006, in Washington, D.C.

CAP has partnered with representatives of over 35 aviation companies and educational institutions from the public and private sectors to plan the event. Partners include the U.S. Air Force, Smithsonian Institution, U.S. Department of Education, Virginia Department of Aviation, American Institute of Aeronautics and Astronautics and NASA.

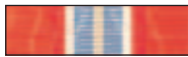
These institutions are looking to CAP to lead this extraordinary effort to bring members, school administrators, aerospace industry leaders, educators, aviators, engineers and astronauts together in one forum to encourage students to become interested in science, math and core subject content through aerospace-themed curricula. Attendees will gain access to aerospace educational resources, participate in hands-on workshops and seminars, meet industry representatives and share techniques on implementing federal and state requirements. The Web site for conference information is [www.ncase.info](http://www.ncase.info).



*Two students learn about aircraft, literally, inside and out, through the CAP Aerospace Education Program.*

**“The partnership between the Air Force Association’s Aerospace Education Foundation and CAP, along with both organizations’ continued commitment to educating the youth of America through aerospace education, has resulted in thousands of students across America being reached.”**

*Mary Anne Thompson, President,  
Aerospace Education Foundation*



## Nothing Left for Granted

A close relationship with the Air Force Association's Aerospace Education Foundation has helped thousands of educators reach young people through aerospace education. Since 1996, the AEF has provided grants of \$250 each to support these educators in their classrooms and CAP adult leaders in their units. In 2005, AEF grants empowered 40 educators and 40 units to promote aerospace education to over 10,000 students and 5,000 cadets. Additionally, AEF sponsored 285 new CAP AEMs.



Former California Wing cadet Nichole (Ellingwood) Malachowski got her head start in the world of aerospace education by way of the CAP Cadet Program. In late 2005, Air Force Capt. Malachowski became the first female pilot on the renowned Air Force Thunderbirds aerial demonstration team.



Students enjoy the satisfaction of building their own model rocket during a CAP aerospace education project.

Marc Huchette, National Headquarters





Chaplain (Maj.)  
Marcus Taylor, top left,  
baptizes a child during  
a religious service;  
at right, Taylor trains  
counselors at a semi-  
nar in Lancaster, Calif.



**Name:** Chaplain (Maj.) Marcus L. Taylor  
**Hometown:** Newark, Del.  
**Occupation:** Group Counselor Trainer and Edu-therapist for  
T.R.E.T.ment (Training, Research, Education and  
Therapy) Faith Counseling Service  
**CAP Position:** Chaplain, Delaware Wing  
**Year Joined CAP:** 2000

**What do you get out of  
volunteering for CAP?**

*“The pride of knowing that through  
CAP I am trained, prepared and  
positioned to make a marked difference in  
the lives and welfare of the people we are  
called upon to serve. There is no amount  
of salary that can be paid to equal or  
surpass the expression of thanks you can  
witness in the face of someone you have  
served or saved.”*

# Chaplaincy: Guardian Angels of the Civil Air Patrol



2005 proved an extremely busy and fruitful year for the still-growing CAP Chaplain Service, the largest volunteer chaplaincy in the U.S. Trained to serve and meet the spiritual needs of CAP members and the armed forces, CAP's 667 chaplains and 297 moral leadership officers spiritually guided and comforted hurricane victims and Red Cross teams, CAP disaster response squads and members of the active duty military, National Guard and Reserves.

## Helping Ensure Calm After the Storm

When hurricanes Katrina, Ophelia, Rita and Wilma struck the Atlantic and Gulf coasts, CAP chaplains and moral leadership officers rushed to the devastated areas and employed their training in critical incident stress management. Whether stationed at CAP camps ministering to volunteers or serving at Red Cross shelters counseling victims who had lost family members or everything they owned, CAP chaplains embodied the spirit of CAP's Everyday Heroes. Individual contributions of heroic proportions included an initiative led by Chaplain (Lt. Col.) Dewey Painter of the Florida Wing, who oversaw the distribution of more than 30,000 pounds of relief supplies to hurricane victims in Alabama, Louisiana and Mississippi.

## Helping U.S. Armed Forces Keep the Faith

In 2005, 20 CAP volunteers served as substitutes for chaplains in the armed forces,



*Florida Wing Chaplain (Lt. Col.) Dewey Painter promotes CAP's Deployed Military Support Program on television.*

many of whom were suddenly deployed overseas. In addition, CAP chaplains assisted over 40 military units, serving members at Army, Air National Guard, Air Force and Coast Guard bases in the U.S. and overseas. These Everyday Heroes regularly performed weddings and military funerals, visited hospitals and performed chapel services. They offered prayers for soldiers leaving the country and conducted services of thanksgiving for those returning.

## Versatile Chaplains Go Above and Beyond

In addition to emergency services, CAP chaplains and moral leadership officers were directly involved in operational missions and aerospace education. In 2005, 40 percent of CAP's Chaplain Service members had a pilot's license or were qualified as a scanner or observer; they often flew missions as aircrew members or served on ground teams. As aerospace chaplains, they also regularly spoke in schools, churches and civic organizations about CAP's missions and the role chaplains and MLOs play in the development of America's youth.



Utah Wing member Lt. Col. Donna Todd is shown at work in her laboratory.



**Name:**

Lt. Col. Donna Todd

**Hometown:**

West Jordan, Utah

**Occupation:**

Laboratory Technician and Pretreatment Specialist,  
Central Valley Water Reclamation Facility,  
Salt Lake City

**CAP Position:**

Vice Commander, Utah Wing

**Year Joined CAP:**

1997

**What has being a  
member of CAP  
meant to you?**

*“It has strengthened my understanding of how small things can make a large difference. It has also shown me that diverse people with different backgrounds and education can unite and accomplish the job that needs to be done.”*



# CAP's Volunteer **HEROES**



Lt. Col. Al Bedgood, Florida Wing



Mississippi Wing Cadet Jeremy Locke directs aircraft in Pascagoula, Miss., during Hurricane Katrina relief operations.

**Achievements in membership in 2005** included an increase in the number of units, a spring recruitment campaign that attracted 3,900 new members, as well as a fall cadet campaign that attracted 1,000 new members in the first month. In addition, a myriad of professional development opportunities were provided to ensure CAP's nearly 57,000 members were trained to serve their country in whatever capacity necessary.

## **New Units Born**

Seventy new units chartered in 2005 were added to CAP's 1,500 units positioned across the U.S., the Commonwealth of Puerto Rico and several Air Force installations overseas. Though most squadrons consist of 15 to 25 members, about 25 squadrons increased to more than 100 members in 2005. The largest on record is a

middle school squadron in the Texas Wing with 233 members.

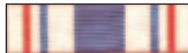
The size of these units increased, in part, due to national recruiting campaigns conducted to ensure CAP maintains a strong force of qualified volunteers prepared to perform our missions for America. Over 3,900 new members joined CAP during the spring campaign, and over 1,200 of them were recruited by existing members. The senior member who recruited the most new members won a VIP trip to the 2005 CAP Annual Conference and National Board Meeting held in St. Louis. In addition, a back-to-school recruiting campaign launched in September attracted over 1,000 new cadet

members in the first month of the campaign. Cadets who recruited new members during this campaign had the opportunity to win a number of exciting prizes.

Capt. Douglas Barth, Maryland Wing



Senior members and cadets with Maryland Wing's Fort McHenry Squadron stand in front of six bags of litter they collected while taking part in the state's Adopt-A-Highway Program.



Capt. Paul Cianciolo, National Capital Wing



From left, National Capital Wing members Cadet Josh Sullivan and Capt. Joe Gleason pinpoint the location of an emergency locator transmitter signal during a wing search and rescue exercise.

## Hundreds Attend Conference

Over 800 members from across the country attended CAP's annual conference held in August 2005 in St. Louis, where they participated in 50-plus educational learning labs that provided training in all aspects of CAP's operations. Training was also provided in a number of new online systems that allowed members to remain current, earn new qualifications or ease the paperwork burden formerly placed on them in the field.

The annual conference also marked the election of Brig. Gen. Antonio J. Pineda as national commander and his promotion to the grade of major general, as well as the presentation of awards to members with outstanding contributions in public affairs, operations, cadet programs, safety, chaplain services, aerospace

education and communications. The top senior member and cadet in the country - Lt. Col. Janeen Hales-Chazell of the Rocky Mountain Region and Cadet Col. Michael L. Parker of the Arkansas Wing - were also recognized.

## Inspections Ensure Quality

The national inspector general staff, in conjunction with CAP-U.S. Air Force officials, conduct quality assurance assessments of the 52 wings once every four years and provide oversight for the Subordinate Unit Inspection Program conducted by the wings for their 1,500 local units every two years. Records, assets and equipment are reviewed by an inspection team to ensure 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. The assessment program ensures accountability by verifying that members are paying attention to details, such as completing required annual inventories of equipment, keeping vehicle tires properly inflated, maintaining backup alarms and lights and consistently updating aircraft inspection and maintenance records.



# CAP's Volunteer **HEROES**

## *Membership Numbers by Wing & Region*

**as of Sept. 30, 2005**

	Cadet	Senior	Total
<b>Great Lakes Region</b>	<b>2,613</b>	<b>4,001</b>	<b>6,614</b>
Illinois	665	781	1,446
Indiana	311	522	833
Kentucky	193	433	626
Michigan	479	685	1,164
Ohio	566	764	1,330
Wisconsin	399	783	1,182
<b>Middle East Region</b>	<b>3,262</b>	<b>3,855</b>	<b>7,117</b>
Washington, D.C.	554	215	769
Delaware	116	230	346
Maryland	634	677	1,311
North Carolina	580	875	1,455
South Carolina	471	514	985
Virginia	698	853	1,551
West Virginia	209	439	648
<b>North Central Region</b>	<b>1,677</b>	<b>2,485</b>	<b>4,162</b>
Iowa	128	259	387
Kansas	152	246	398
Minnesota	517	791	1,308
Missouri	383	450	833
North Dakota	93	215	308
Nebraska	248	274	522
South Dakota	111	197	308
<b>Northeast Region</b>	<b>4,116</b>	<b>4,834</b>	<b>8,950</b>
Connecticut	254	241	495
Massachusetts	327	558	885
Maine	203	296	499
New Hampshire	247	266	513
New Jersey	594	643	1,237
New York	1,118	1,263	2,381
Pennsylvania	1,182	1,220	2,402

	Cadet	Senior	Total
Rhode Island	101	129	230
Vermont	90	153	243
<b>National Headquarters</b>	<b>85</b>	<b>2,166</b>	<b>2,251</b>
<b>Pacific Coast Region</b>	<b>2,847</b>	<b>5,024</b>	<b>7,871</b>
Alaska	166	910	1,076
California	1,144	2,003	3,147
Hawaii	214	316	530
Nevada	288	549	837
Oregon	337	415	752
Washington	698	765	1,463
<b>Rocky Mountain Region</b>	<b>1,266</b>	<b>1,923</b>	<b>3,189</b>
Colorado	631	945	1,576
Idaho	212	240	452
Montana	135	167	302
Utah	197	322	519
Wyoming	91	194	285
<b>Southeast Region</b>	<b>4,235</b>	<b>5,112</b>	<b>9,347</b>
Alabama	285	719	1,004
Florida	1,767	2,040	3,807
Georgia	668	904	1,572
Mississippi	180	302	482
Puerto Rico	851	371	1,222
Tennessee	484	682	1,166
<b>Southwest Region</b>	<b>3,169</b>	<b>4,218</b>	<b>7,387</b>
Arkansas	207	306	513
Arizona	635	804	1,439
Louisiana	179	449	628
New Mexico	496	479	975
Oklahoma	268	460	728
Texas	1,384	1,667	3,051
<b>TOTAL</b>	<b>23,270</b>	<b>33,618</b>	<b>56,888</b>





New Jersey Wing member Lt. Col. Lisa Van Clief, CAP's 2005 Public Affairs Officer of the Year, conducting an audit at Toys R Us Headquarters.



**Name:**  
**Hometown:**  
**Occupation:**  
**CAP Position:**

**Year Joined CAP:**

Lt. Col. Lisa Van Clief  
Norwood, N.J.  
Auditor, Toys "R" Us Corporate Headquarters  
Public Affairs Officer, Northeast Region &  
New Jersey Wing  
1996

**What has being a  
member of CAP  
meant to you?**

*“As a member of CAP, I've received much personal fulfillment. From search and rescue to working with and mentoring cadets, as well as my personal professional development, my world has expanded. The Civil Air Patrol has also had a positive effect on my paying job.”*

# HEROES and Headlines

## CAP's Public Outreach Initiatives



What better stories to publicize across America than ones about the incredible successes and achievements of CAP's Everyday Heroes? And there were thousands of stories to tell in 2005, stories that left lasting, positive impressions on millions of Americans from coast to coast and abroad.

### Award Winners

CAP's astounding impact in helping thousands of victims affected by history-making hurricanes resulted in two national awards from the American Society of Association Executives in Washington, D.C. The organization's Associations Advance America Award of Excellence was presented in February in recognition of CAP's disaster relief following hurricanes Charley, Francis, Ivan and Jeanne and in November for disaster relief in the wake of hurricanes Katrina, Ophelia and Rita. The recognition puts CAP in the running for an ASAE 2006 Summit Award, the organization's top national honor.

In addition, CAP was twice added to the association's 2006 Honor Roll for its hurricane media campaign and hurricane response operations. These awards recognize CAP public affairs officers nationwide, who partnered with CAP National Headquarters Public Affairs staff at Maxwell Air Force Base, Ala., to generate and publish more than 200 national and regional news items covering CAP's efforts.

### Media Spotlight

In 2005, CAP stories were publicized around the world via every medium possible, including the Internet, newspapers, radio, TV and magazines. In addition to thousands of local, state



*CAP was prominently featured in the spring 2005 edition of American Defender, Magazine of the 1st Air Force.*

and regional events in which CAP members manned educational displays and recruiting booths, staffed unit open houses and conducted drill and honor guard ceremonies, CAP also participated in major national trade shows throughout the country. Large-scale displays with corresponding audiovisual presentations reached more than a million people at annual conferences sponsored by the Air Force Association, Aircraft Owners and Pilots Association, Soaring Society of America, Women in Aviation, National Space Symposium, National Business Aviation Association, League of Latin American Citizens, Tuskegee Airmen International and National Middle School Association, as well as the Experimental Aircraft Association's AirVenture Oshkosh.



Louisiana Wing member Col. Rock Palermo is interviewed by CNN national correspondent Jonathan Freed at a New Orleans airport. CNN followed Palermo and other CAP members as they flew a homeland security mission.

In the broadcasting and print arenas, CAP truly shined. Hitting the national airwaves in 2005 were two top-line feature video productions. The first was "Pulse on America," a 10-minute feature on CAP's history, current missions and new technology that aired 63 times on CNN and "CNN Headline News." The second production was broadcast seven times on the History Channel's "Tactical to Practical," which explores innovations developed for combat that are now useful tools for civilian life. The segment, which reached an audience in excess of 2.1 million, highlighted CAP's missions, with emphasis on its contributions to homeland security. Also, CNN featured CAP in its January prime-time week-long series "Defending America," and Discovery Networks repeatedly aired two of CAP's in-house video public service announcements - "We're There" and "Missions for America" - throughout the year.

In addition to its members and missions being singled out in numerous Air Force magazines, including the Western Air Defense Sector's *Skywatch* and 1st Air Force's *American Defender*, CAP also was touted in the Sept. 19,

2005, issue of *Aviation Week* with a full-page cover photo and a four-page feature story. Entitled "Homeland Security: New Wings for CAP," the article detailed CAP's acquisition of over 20 Cessna 182T Skylanes equipped with glass cockpits and the added value they provide the organization in light of its increased role in support of national security and disaster relief operations.

In only its second year, "CAP News Online" exceeded all readership expectations. Doubling last year's stats, CAP's premiere online news portal registered nearly 1.2 million page hits, and an all-time high of 826 stories were posted about CAP members and events. In addition, CAP's online media center, replete with a downloadable photo and logo gallery, as well as streaming and downloadable video, registered in excess of 300,000 hits. For the second year in a row, CAP also provided live-streaming video for its members and the general public. Events streamed included the CAP Annual Conference in St. Louis and a regional press conference held at national headquarters in response to the organization's hurricane relief operations. More than 21,000 people "tuned in" to watch the events unfold online.

## New Flagship Publication

On the streets in January 2006 was a full-color, glossy magazine that features a cutting-edge

design, eye-catching graphics and photography and a wealth of interesting feature stories about CAP events and the Everyday Heroes who make them happen. The CAP







Public Affairs team, along with the first-ever Blue Ribbon Task Force led by former CAP sub-chaser and Florida Wing member Lt. Col. Buddy Harris, planned and designed the new flagship publication, which replaced the "Civil Air Patrol News." After 37 years of service to the CAP membership, the final issue of the newspaper was printed in November.

## CAP Branding Initiative

Another significant first for CAP was the signing of a contract in November with The Cunningham Group Inc., a nationally recognized public relations firm headquartered in Montgomery, Ala. The signing launched a long-term PR branding campaign driven by cutting-edge research techniques. The data gathered will be analyzed and used by the CAP leadership and PA team to tailor the organization's marketing plan and PR strategies for many years to come.



## CAP Public Affairs Officer Training

The key to a successful nationwide CAP Public Affairs program is an aggressive training regimen and ready

access to the tools of the trade. In 2005, the CAP Public Affairs team put that tenet into motion with the development of the CAP Public Affairs Officers Toolkit. This state-of-the-art training package, which was disseminated to 1,500 CAP units across the country and overseas in February 2006, is like no other training product offered in the past. In addition to an auto-play compact disc that contains stock photos, graphics, print advertisements, regulations, recruiting posters, fact sheets, news-writing tips

and a wealth of how-to videos from print and electronic media relations experts, the toolkit contains a DVD of CAP's in-house promotional videos. "E-updates" to the kit will be provided on an ongoing basis via the CAP Web site.

## PA Planning at the Forefront

The backbone of CAP's 2005 public outreach initiatives was the completion and employment of a comprehensive strategic public affairs plan. The plan outlined a path that ensured an orderly framework existed within which CAP's communications products and services could quickly and effectively be provided to all of CAP's constituent audiences. It evaluated and established specific and realistic objectives, communication methods, timelines and measurement tools, and it prioritized clear-cut goals for the organization's internal and external communications activities. Based on the year's successes, this plan will serve as the foundation for CAP Public Affairs operations in 2006 and beyond.

One significant initiative outlined in the plan was to update the look of CAP's publications and to develop consistency among the organization's more than 100 print pieces. Seamless imaging among CAP's publications provided a professional look and consistency, and it represented the first steps toward developing a distinct and easily recognizable brand for CAP.

A second initiative came to fruition in the form of a CAP member testimonial series. Members from all areas of CAP submitted heartfelt testimonials about what being a member has meant to them. National Headquarters plans to continue using this campaign throughout 2006. What better way to tell the story of a CAP volunteer than from the hearts of the members themselves?



CAP cadets work alongside Cessna Aircraft Co. employees in Independence, Kan., during CAP's first-ever aircraft manufacturing academy. The program came about when Cessna, like more than a dozen other major U.S. corporations, became a CAP Corporate Partner. The partnership program allows businesses with values and community-service goals similar to CAP's to directly support the work of CAP volunteers. In return for financial support, corporate partners receive the right to use the CAP name and corporate partner mark in their advertising, marketing and promotions.



# Corporate Donations Make a Difference



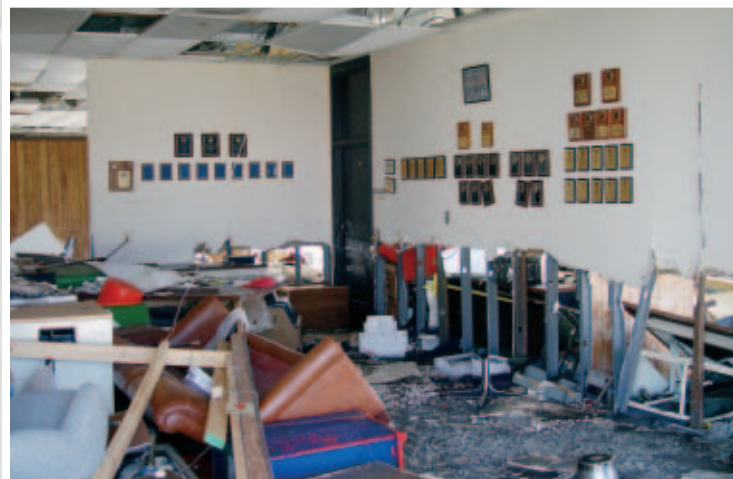
Created in 2003, the CAP Corporate Partner Program continued to be the prime vehicle for developing corporate financial support in 2005. The program allows businesses with values and community-service goals similar to CAP's to directly support the work of CAP volunteers. In return for financial support, corporate partners receive the right to use the CAP name and corporate partner mark in their advertising, marketing and promotions.

In 2005, over \$150,000 in corporate donations was generated through the CAP Corporate Partner Program resulting in over \$355,000 in financial support and cost savings since its inception in 2003.

## CAP Welcomes New Partners

Corporations granted official corporate partner status include Abacus Software, AirGator, America's Aircraft Engines, Consistent Computer Bargains, Engine Components Inc., Epic Marketing, Intergraph, Lear Chemical and Yingling Aviation. They join previous CAP Corporate Partners Air BP, Cessna Aircraft Co., Estes-Cox Corp., Flight Schedule Pro, Goodyear Tire and Rubber Co., Tanis Aircraft Services and VTS Inc.

Support from new corporate partners Abacus Software, AirGator, Lear Chemical and Intergraph Corp. provided much-needed financial resources for CAP's cadet programs. Also, corporate support from Becker Avionics, Earthlink and Luscombe Aircraft provided funding



*After the Louisiana Wing Headquarters building in New Orleans was damaged by Hurricane Katrina, two CAP corporate partners provided financial support and equipment to help the wing rebuild its home base.*

used to launch a scholarship fund for cadets participating in the International Air Cadet Exchange.

## Members, Wings Benefit

CAP senior members benefited from corporate support as well. The California Wing, for example, received a financial contribution from Epic Marketing, a California-based communications company. The contribution supports a wing radio repeater fund with the goal of extending the wing's radio communication capabilities.

In addition, the Louisiana Wing received financial support from Engine Components Inc. to help rebuild its headquarters in New Orleans, which was destroyed during Hurricane Katrina. In addition, Consistent Computer Bargains helped the wing replace its damaged computer equipment.

Finally, corporations continue to support CAP members throughout the Gulf Coast states who suffered losses due to hurricanes Katrina and Rita. America's Aircraft Engines and Yingling Aviation provided some of the initial financial support to these volunteers through the CAP Hurricane Relief Fund.





Left, Texas Wing member Maj. George Otto coordinates a mission during Hurricane Rita relief operations; inset, Otto runs in a triathlon.



**Name:**  
**Hometown:**  
**Occupation:**  
**CAP Position:**  
**Year Joined CAP:**

Maj. George Otto  
Fredericksburg, Texas  
Retired Manager, Prudential Insurance Co.  
Deputy Commander for Cadets and  
Operations Officer  
1985

**What has being a  
member of CAP  
meant to you?**

*“As a young teenager in the late 1950s, the Civil Air Patrol Cadet Program made a major change in my life. It helped me develop leadership skills and made me far more self-confident. It ultimately resulted in my achieving my dream of becoming a helicopter (CH-46) pilot in the U.S. Marine Corps. I now have a chance to pass on to others some of what I received from my CAP cadet experience.”*

# HEROES on the Horizon

During this past year, Civil Air Patrol again proved itself by performing valuable services to the nation. Most visibly, CAP units responded to the nation's needs following hurricanes Katrina and Rita. During late 2005, hundreds of CAP members deployed to the Gulf Coast, becoming true Everyday Heroes. Operating from dozens of bases, they flew more than 1,000 aircraft sorties for over 2,000 flying hours, executed 131 ground team missions and contributed over 4,000 man-days to ground relief efforts. The actions of CAP were recognized within the Air Force as "providing for the United States and the Air Force unique, cost-effective capabilities as a true force multiplier."

The response to the hurricanes marked another first for CAP. Not only was the level of effort by CAP one of the largest in its history, but this year also marked the first operational use of CAP by Joint and Air Force Commanders under new policies for employment of CAP. For the first time in CAP's history, its units were fully integrated into the Joint Task Force structure during a real-world contingency – serving as a vital component of both JTF-Katrina and JTF-Rita. Updated policy provides the command relationships needed to ensure clear command and control of CAP forces by Joint Commanders, guaranteeing CAP units execute their missions according to the Goldwater-Nichols Act.

The new Air Force policies provide other benefits for CAP. For the first time since passage of the Floyd D. Spence National Defense Authorization Act in 2000, the Air Force and CAP conducted a thorough legal analysis of this legislation. As a result, Air Force funding policies for CAP have greatly expanded, providing the foundation for CAP to use federal funds for initiatives such as hiring administrative personnel. These administrators assist CAP volunteers to properly balance budgets and account for equipment purchased with federal dollars. Additionally, new policies ensure increased support to both cadet and aerospace education programs. In the past, policy restrictions prevented federal funds from being spent on programs that would benefit CAP cadets or senior members at the unit level. For example, the revised Air Force policies allow CAP to use appropriated funds for activities such as the Cadet Glider Program. Funds are also being used to buy new radios for CAP, since radio frequency requirements set by the National Telecommunications and Information Administration will force replacement of all CAP tactical radios by Jan. 1, 2008.

This past year was significant for CAP. But we must not focus on just the outstanding response of CAP to the hurricanes. Even while CAP members were serving there, hundreds of other members were performing equally important but less well-publicized missions in all corners of our nation. As you read this, the Everyday Heroes of the 1,500 units of CAP continue to perform important missions daily in every state. The Air Force is proud to have all CAP members as our partners.



Marc Huchette, National Headquarters

CAP-US Air Force Senior Air Force Advisor  
Col. Russell D. Hodgkins Jr.

*Russell D. Hodgkins Jr.*



# CAP Board of Governors

as of Dec. 31, 2005

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Chairman  
President, Medal of Honor Society

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CAP National Commander

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CAP National Chief of Staff

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CAP Member-at-Large

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CEO, Air Force Aid Society

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Aviation and Technology Consultant

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President, FlightSafety International

## Other Members Serving in 2005

**Brig. Gen. Rex E. Glasgow**

**Maj. Gen. Norman R. Seip, USAF**

**Lt. Gen. John F. Regni, USAF**

**Brig. Gen. (Select) Francis L. Hendricks, USAF**

# CAP National Board Members

as of Sept. 30, 2005

**Maj. Gen. Antonio J. Pineda**  
National Commander

**Brig. Gen. Rex E. Glasgow**  
National Vice Commander

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Senior Air Force Advisor

**Col. Larry D. Kauffman**  
Chief of Staff

**Col. J. Rock Palermo III**  
National Legal Officer

**Col. Fredric K. Weiss**  
National Finance Officer

**Col. Rodney F. Moody**  
National Controller

**Chaplain (Col.) Charles E. Sharp**  
Chief, Chaplain Service

**Col. William S. Charles**  
Inspector General

## Northeast Region

**Col. Robert Diduch**  
Commander

## Northeast Region Wing Commanders

**Col. James E. Palmer**  
Connecticut

**Col. Mitchell P. Sammons**  
Maine

**Col. Frederick B. Belden**  
Massachusetts

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

**Col. Robert J. McCabe**  
New Jersey

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

**Col. M. Allen Applebaum**  
Pennsylvania

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

**Col. Ann B. Clark**  
Vermont

## Middle East Region

**Col. Charles S. Glass**  
Commander

## Middle East Region Wing Commanders

**Col. Russell M. Opland**  
Delaware

**Col. Kathryn J. Walling**  
Maryland

**Col. Jane E. Davies**  
National Capital

**Col. Larry J. Ragland**  
North Carolina

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

**Col. Richard L. Moseley**  
Virginia

**Lt. Col. David C. Brooks**  
(Interim) West Virginia

## Great Lakes Region

**Col. William W. Webb**  
Commander

## Great Lakes Region Wing Commanders

**Col. Maurice Givens**  
Illinois

**Col. Charles H. Greenwood**  
Indiana

**Col. Henry L. Heaberlin**  
Kentucky

**Col. Gary J. Mayo**  
Michigan

**Col. Charles L. Carr**  
Ohio

**Col. Clair D. Jowett**  
Wisconsin

## Southeast Region

**Col. Matthew R. Sharkey**  
Commander

## Southeast Region Wing Commanders

**Col. John E. Tilton**  
Alabama

**Col. Joseph J. Martin**  
Florida

**Col. Charles D. Greene**  
Georgia

**Col. John B. Wilkes**  
Mississippi

**Col. Herman Liboy**  
Puerto Rico

**Col. James M. Rushing**  
Tennessee

## North Central Region

**Col. Steven W. Kuddes**  
Commander

## North Central Region Wing Commanders

**Col. Ralph Tomlinson**  
Iowa

**Col. Bernard F. King**  
Kansas

**Col. Stephen G. Miller**  
Minnesota

**Col. Joe Casler**  
Missouri

**Col. Robert K. Todd**  
Nebraska

**Col. K. Walter Vollmers**  
North Dakota

**Col. Brady T. Marking**  
South Dakota

## Southwest Region

**Col. Thomas L. Todd**  
Commander

## Southwest Region Wing Commanders

**Col. John J. Varljen**  
Arizona

**Col. Reggie L. Chitwood**  
Arkansas

**Col. Rodney W. Ammons**  
Louisiana

**Col. Frank A. Buethe**  
New Mexico

**Col. Joe R. Smith**  
Oklahoma

**Col. Robert F. Eldrige**  
Texas

## Rocky Mountain Region

**Col. Lynda C. Robinson**  
Commander

## Rocky Mountain Region Wing Commanders

**Col. Donald G. Cortum**  
Colorado

**Col. James E. Fletcher**  
Idaho

**Col. Jan E. Van Hoven**  
Montana

**Col. Russell E. Chazell**  
Utah

**Col. William R. Morton Jr.**  
Wyoming

## Pacific Region

**Col. Merle V. Starr**  
Commander

## Pacific Region Wing Commanders

**Col. Robert L. Brouillette**  
Alaska

**Col. Virginia M. Nelson**  
California

**Col. Jeffrey N. Stickel**  
Hawaii

**Col. Dion E. DeCamp**  
Nevada

**Col. Theodore S. Kyle**  
Oregon

**Col. Ernestus S. Schnabler**  
Washington



# 2005-2006 State Appropriation Report Listing

Region	State	Annual Amount Received	Totals Per Region
Great Lakes Region	IL	\$0.00	\$49,000.00
	IN	\$0.00	
	KY	\$30,000.00	
	MI	\$0.00	
	OH	\$0.00	
	WI	\$19,000.00	
Middle East Region	DC	\$0.00	\$429,658.00
	DE	\$25,700.00	
	MD	\$38,700.00	
	NC	\$0.00	
	SC	\$50,000.00	
	VA	\$100,000.00	
	WV	\$215,258.00	
North Central Region	IA	\$100,000.00	\$347,898.00
	KS	\$25,000.00	
	MN	\$65,000.00	
	MO	\$16,469.00	
	ND	\$78,129.00	
	NE	\$31,500.00	
	SD	\$31,800.00	
Northeast Region	MA	\$22,500.00	\$680,350.00
	NY	\$0.00	
	ME	\$23,750.00	
	NH	\$61,628.00	
	CT	\$37,472.00	
	NJ	\$35,000.00	
	PA	\$450,000.00	
	RI	\$0.00	
	VT	\$50,000.00	
Pacific Coast Region	AK	\$503,100.00	\$687,476.18
	CA	\$80,000.00	
	HI	\$50,000.00	
	NV	\$54,376.18	
	OR	\$0.00	
	WA	\$0.00	
Rocky Mountain Region	CO	\$152,676.00	\$281,676.00
	ID	\$0.00	
	MT	\$0.00	
	UT	\$75,000.00	
	WY	\$54,000.00	
Southeast Region	AL	\$25,000.00	\$295,652.00
	FL	\$55,000.00	
	GA	\$57,000.00	
	MS	\$60,000.00	
	PR	\$0.00	
	TN	\$98,652.00	
Southwest Region	AR	\$77,550.00	\$402,781.00
	AZ	\$54,200.00	
	LA	\$100,000.00	
	NM	\$138,850.00	
	OK	\$32,181.00	
	TX	\$0.00	
TOTAL			\$3,174,491.18

# FY05 Congressionally Appropriated Funds

## Operations & Maintenance (O&M) Funds

**\$22,505,378**

### Emergency Services

Air Force Missions

\$8,593,819

Other Missions

\$286,259

Communications

\$928,198

### Aerospace Education

\$2,052,965

Cadet & Senior Member Activities

\$2,905,315

Drug Demand Reduction Program

\$417,941

Liability Insurance

\$1,566,380

Liaison Expenses

\$31,023

Wing Administrators

\$63,346

Vehicle & Equipment Maintenance

\$626,094

Aircraft Maintenance

\$2,771,740

Program Administrative Expenses

\$2,262,298

## Procurement Funds

**\$5,174,800**

Aircraft

\$2,904,800

Vehicle

\$1,500,000

Communications

\$770,000

## TOTAL

**\$27,680,178**







Civil Air Patrol National Headquarters  
105 S. Hansell St., Bldg. 714  
Maxwell AFB, AL 36112

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