



Fourth Quarter Newsletter, 2007



Fort McHenry Squadron members C/2d Lt Laura Boehk, Capt. Karen Walker (Commander of the Squadron), SM Babu Prabhakar, C/Amn Kiran Prabhakar, C/Amn Casey Bennett; Chaplain (Major) August Peters, and Lt. Col. James Steinmeier (Project Officer) *Photo by Darlene Rudacille, Program Assistant at the Cemetery*

Wreaths Across America

The Wreaths Across America project began in Harrington, Maine. The Worcester Wreath Company, a commercial business, began placing wreaths on the headstones of our Nation's fallen heroes at Arlington National Cemetery. Over the last fifteen years it has donated 75,000 wreaths. These wreaths were placed by volunteers in a wreath-laying ceremony each December. This year, Worcester Wreath Company will do even more by doubling its annual donation to 10,000

wreaths destined for Arlington National Cemetery to show its respect and appreciation for those who serve.

This year there were wreath-laying ceremonies across Maryland and the United States to honor our service members at local cemeteries. Cadets and seniors from the Ft. McHenry Composite Squadron along with members of the Patriot Guard Riders and the Maryland National Guard and others in laying wreaths at military gravestones across the United States on December 15. Seven of our members at the Baltimore National Cemetery—Lt Col J. Steinmeier, Capt Karen A. Walker, Chaplain Major August Peters, SM Babu Prabhakar, C/CMSgt Laura Boehk C/Amn Kiran Prabhakar, C/Amn Casey Bennett. Formed in a straight line, squadron members presented arms upon the arrival, the presentation of the wreath, and the leaving of the Maryland National. Taps was played during the presentation.



Newest Mitchell Award

Fort McHenry Squadron is pleased to offer its congratulations to Cadet Chief Master Sergeant Laura Boehk on passing the General Billy Mitchell test. This milestone test is a one-hundred question exam, testing a cadet's knowledge of aerospace and leadership. It marks the end of the "followership" period of the cadet's Civil Air Patrol experience. The cadet becomes an officer--a cadet 2nd lieutenant—and is eligible to participate in special national and international programs like learning to fly in Maryland Wing Solo School, and the International Air Cadet Exchange.

C/CMSgt Boehk joined Civil Air Patrol in May of 2005. She was interested in flying and in giving service to her country. Laura has a hearing impairment and knew joining the military was probably not an option. Civil Air Patrol combined

both interests. She jumped in with both feet by attending TriWing Encampment within a few months.

TriWing Encampment is a week long event rather like basic training—no doubt stressful for someone so new to CAP. Since then she has participated in many CAP activities. Last summer she helped marshal some of the thousands of planes flying in to the National Blue Beret in Oshkosh, WI. It is one of the largest air shows in the world. Also, she regularly helps at the Red Cross Blood Drives sponsored by Fort McHenry Composite Squadron at Bloomsbury Community Center.

Cadet Boehk is the third of four girls. Her father, Stephan, a computer programmer analysis, and mother, Marian, a homemaker, are long-time residents of Catonsville—nearly thirty years. Laura graduated from Mt. DeSalles High School and currently attends Villa Julie College. She is studying chemistry and hopes

to earn a graduate degree in forensic science.



The Glass Cockpit Class

On November 19, 2007 2Lt Gaylord Butler took the G1000 class at Martin State Airport. It is the ground school portion for learning to use the glass cockpit. The glass cockpit is a computer directed avionics package. The pilot learns to program the plane's computer and then the computer assists in flying the plane. It features electronic instrument displays rather than the traditional mechanical gauges. The pilot can get real-time weather information, and switch screens to get different information that would have been shown on the gauges.

2Lt Butler, a Baltimore native, joined CAP in October of 2006. His background is as an industrial mechanic. He fixes heavy machinery at a large commercial bakery. He used those skills in building his own experimental aircraft. Additionally, he helps with Operation Migration, the program that uses aircraft to teach whooping cranes their migration route from Canada to Florida. A private pilot before becoming a member, he is currently completing certification as a pilot for CAP.



Get Your NCSA and Tri-Wing Encampment Applications In!

Ready for summer fun? It may be the beginning of winter, but applications for some summer CAP activities are due now. There are more than thirty school and academy activities open to cadets and officers. These include the Civic Leadership Academy, the Region and Wing Commanders Course, the National Cadet Competition, Cadet Officer School, IACE, National Blue Beret. (Talk to Stacey McManus about Oshkosh and Laura Boehk.) The Maryland Wing selection for National Cadet Special Activities meets in February, 2008. The CAPF 31 must be completed online. Check on the Maryland Wing website for full details.

The 2008 Cadet Tri-Wing Encampment will take place 21-29 June 2007 at Camp Fretterd. Camp Fretterd is a 27 acre Maryland Air National Guard reservation and home to the Maryland State Emergency Operations Center Maryland. Encampment is one of the most important training experiences in a cadet's career and is a requirement for a cadet becoming an officer. Cadets are challenged to develop self-discipline, leadership, and teamwork while broadening their understanding of aerospace, CAP, and Air Force missions and capabilities.



Cadet Bennett at FXT



Cadet Casey Bennett attended a Field Training Exercise with Howard Squadron on Nov 3rd. He went to the new Howard County Public Safety Center where he trained in helicopter landing site preparation and landing procedures. The training was provided by the Howard County Aviation Division. Following that, the Howard County Police K-9 Division offered instruction on how to best work with them during searches. They discussed the uses and capabilities of dogs. The County's new Mobile Incident Command Post was toured. After lunch at Base Camp, they went to The Middle Patuxent Environmental Area where trainees were instructed in the use of Swiss seats, hasty searches and the extraction of missing and injured people. After dinner and in darkness at Base Camp, each of the hasty teams were given hands-on training on the use of a 3rd

generation thermal imaging camera for the detection of living missing people. Saturday night instruction was given on winter ops and how to avoid hypothermia while camping at freezing temperatures





2007 Wing Conference

The 2007 Wing Conference was held in Hagerstown on October 26-28. Nearly two-hundred seventy member participated. There were twenty-four training sessions, a cadet conference, annual awards luncheon, cadet masquerade dance, aerospace trivia competition, commander's call, and a cadet advisory council meeting.

Representing Fort McHenry Squadron were Lt Col Steinmeier, 1st Lt S. McManus, C/2d Lt S. McManus, C/2d Lt V. Fennema, and C/CMSgt Boehk.

Chaplain (Maj) August "Gus" Peters was awarded (again) Maryland Wing Chaplain of the Year. 1st Lt McManus was awarded Administration Officer of the Year for her work as the Group II Admin Officer. C/2d Lt Fennema got a Commander's Commendation for her work with Drill Team. Capt. G. Hirst, 1st Lt McManus, and C/Capt Frater also received Commander's

Commendations for their work at the 2007 TriWing Encampment. Congratulations to all for their dedication and hard work!



Attention High School Seniors

Money (\$200,000) is available to CAP Cadets for college and flight scholarships. Texas AM, Auburn (AL), Dowling College (NY) have special scholarship and tuition plans for CAP cadets. Sometimes this money is not even used. Go to www.cap.gov/scholarships for more information. The deadline to apply on the new and streamlined CAP Form 95 is 31 December 2007. In addition, cadets and seniors may apply for a flight scholarship from the Order of the Daedalians or AOPA. Remember, ya snooze, ya lose!



1st Lt Hiles Recognized for Lifesaving

On Tuesday evening, 18 December 2007, Lt Col Christian Ready, Group II Commander, made the following presentation of one of CAP's most honored citations: Certificate of Recognition for Lifesaving awarded to 1st Lt Christopher Hiles for Outstanding Humanitarian Service on March 17, 2005. The citation reads in part. "Nurse (1st Lt) Hiles was directly credited for his actions saving the life of an injured student at Walbrook High School on March

17, 2005." 1st Lt Hiles is a member of the Fort McHenry Composite Squadron, based in Catonsville, MD. He is a former CAP cadet having earned the Mitchell Award and now holds positions the Squadron as Deputy Commander for Cadets and as Health Services Officer. He also serves as the Maryland Wing Medical Officer. Congratulations to 1st Lt Christopher Hiles.



10th Community Blood Drive

Continuing a community based program launched in June 2005, Fort McHenry Composite Squadron, held its tenth Catonsville Community Blood Drive the first weekend in November. With the 24 pints donated during the 3 November drive, the total for all ten drives has exceeded 275 pints. Mr. Steve Willem, Regional Senior Account Representative, American Red Cross, Chesapeake and Potomac Region, said "The need for blood is at critical levels. We are dependent upon community blood drives like the Catonsville Drive led by the Fort McHenry Squadron to reach our goals. We really appreciate the sustained effort and commitment of Fort McHenry Squadron of the Civil Air Patrol, along with their co-sponsors the Baltimore County Department of Recreation and Parks and the Greater Catonsville Chamber of Commerce." Of the donors at the November drive, 8 were CAP members or family.

Fort McHenry Squadron cadet staff included C/CMSgt Laura Boehk, who served as cadet project officer, C/A1C Thomas Bland, C/Amn Greg Gleichauf, and C/AB Kiran Prabhakar. Squadron senior staff included: Capt. Tim Fennema, serving as on-site project officer, Chaplain (Maj) August "Gus" Peters, Capt. Gayle Hirst, 1st Lt. Stephen Reed, 1st Lt. Sherry McManus, 2nd Lt John Ralph, 2nd Lt Patrick McManus and SM Babu Prabhakar.

Willem visited the blood drive and personally thanked the cadets and senior members who volunteered to staff the drive. "It is the outstanding support that we are getting from the cadets and senior leadership of the Civil Air Patrol that is making this community blood drive a success," said Willem. Major Douglas Barth, CAP, project coordinator, echoed Willem's comments. "We are proud that the community has responded to the needs of the Red Cross, especially at a time when blood supplies are at critical levels. We could not do this with out the commitment of our cadets and senior members to make the drives happen here in our home community. We also could not do this with out the commitment of our community and we are seeing many repeat donors, from the community and from the members of the Maryland Wing."

CAP members who were donors at the drive were Lt. Col. Kevin Redman from Maryland Wing HQ, and Fort McHenry members SM Babu Prabhakar, Chaplain (Maj) August "Gus" Peters, 2nd Lt. John Ralph and 1st Lt. Sherry McManus.

In addition, donors included family members Mrs. Gayathri Prabhakar, Dr. Carol Wolfe-Ralph, and Mr. Peter Gleichauf.

The Catonsville Blood Drive was organized by the Squadron in 2005 as part of its community outreach program and is co-sponsored by the Greater Catonsville Chamber of Commerce and the Baltimore County Department of Recreation and Parks. The drive is held at the squadron's meeting location at the Bloomsbury Community Center in Catonsville, Maryland, a Baltimore County Recreation and Parks facility.

To donate at the next Catonsville Community Blood Drive, contact Major Barth at 301-518-0046 or at CatonsvilleBloodDrive@comcast.net.



Chaplain Peters



2d Lt J. Ralph



Year End Holiday Event and Awards Ceremony

On December 18, Fort McHenry Composite Squadron celebrated our Squadron's 2007 accomplishments with our annual Year End Holiday Event and Awards Ceremony. Some 45 members, family and friends attended the event. Attendees included Group 2 Commander Lt Col Christian Ready, MDWG Chaplain Stanford Williams, George Brookhart, President Greater Catonsville Chamber of Commerce (GCCC), James Lister, Executive Director of the GCCC and Mr. Steve Willem, Regional Senior Account Representative American Red Cross

We have had an exciting and productive year. Look at all we have done!

Special Award from American Red Cross Award

Mr. Willem presented Certificates of Appreciation in recognition of the continued community support to the ARC Blood drives.

- Fort McHenry Squadron, represented by C/2d Laura Boehk
- Greater Catonsville Chamber of Commerce, represented by Mr. George Brookhart
- Baltimore County Department of Recreation and Parks

MDWG Awards – presented at Maryland Wing Conference

Commander's Commendations to the 2007 Maryland Wing Drill Team

C/2d Lt Vanessa Fennema

Commander's Commendations to key staff during Tri-Wing Encampment

- C/Capt Charles Frater
- Capt Gayle Hirst
- 1st Lt. Sherry McManus

Administrative Officer of the Year: Presented by Lt Col Christian Ready to

- 1st Lt Sherry McManus (Group II)

(Who now has a new nickname, thanks to Lt Col Ready and MASH fans out there want to take a guess?)

Chaplain of the Year: MDWG Chaplain Stanford Williams presented to:

- Chaplain (Maj) August Peters (Ft. McHenry Composite Squadron)

Fort McHenry Squadron Awards

2 Year Service Award

- 2d Lt Sean Metcalf
- 2d Lt Patrick McManus
- C/Amn Kelia Belin
- C/CMSgt Laura Boehk
- C/Amn Karneshia Jones

- C/SMSGt Zachary McManus
- C/A1C Earl Watson

5 Year Service Award

- Capt Steven Barth
- Capt Robert Diss
- C/Capt Charles Frater

SM Awards

Level III Loening

- Capt Karen Walker

Cadet Orientation Pilot Ribbon with Bronze Clasp

- 1st Lt Martin Sacks
- 1st Lt Larry Moore

SM Promotions

- 1st Lt Sherry McManus to Capt
- SM Thomas Fulmer to 1st Lt
- SM Christopher Gunther to 2d Lt

Special Award – Presented by Lt Col Ready

- Certificate of Appreciation for IACE from Group Capt L K P Leung, Commander, Hong Kong Air Cadet Corp to Capt Sherry McManus

Special Award – Presented by Lt Col Ready

Certificate of Recognition for Lifesaving

1st Lt Christopher Hiles,

“Nurse Christopher Hiles is directly credited for his actions saving the life of an injured student at Walbrook High School on March 17, 2005.”

Cadet Awards/Promotions

- C/B Casey Bennett to C/Amn
- C/SrA Peter Gleichauf to C/SSgt (Wright Brothers)
- C/CMSGt Laura Boehk to C/2d Lt (Mitchell)

Senior Member of the Year

- 1st Lt Martin Sacks

A special thanks to our cadet color guard – C/Amn Casey Bennett; C/SSgt Greg Gleichauf, C/A1C Peter Gleichauf, C/Amn Kiran Prabhakar.



Major Barth receives Commander's Commendation

In recognition of his service as Commander of Fort McHenry Squadron for 3 ½ years, Major Barth has been presented with a Commander's Commendation from Maryland Wing. The Commendation was sponsored by Col Lawrence Trick, former MDWG Commander.



Lt Sacks flies former CAP National Commander Brig Gen William Patterson in C182 Orientation Flight

Clear skies over the Thanksgiving weekend this past November found former Civil Air Patrol National Commander and former Maryland

Wing Commander, Brig Gen William M. Patterson, CAP, returning to the homeland skies over Maryland for his first flight in a CAP Cessna 182 equipped with the new Garmin G-1000 Glass Cockpit. Gen Patterson accompanied Mission Pilot 1st Lt Marty Sacks, CAP, of the Fort McHenry Composite Squadron.

Departing from Carroll County Airport northwest of Baltimore, Maryland, the one hour flight gave Gen Patterson a in depth view of the capabilities of the aircraft that is becoming CAP's workhorse for in air operations. "This is an outstanding aircraft and the glass cockpit is a great addition to CAP's air operations."

In a letter to current Maryland Wing Commander Col Gerald W. Weiss, CAP, following his orientation flight, Gen Patterson wrote, "It is with great pleasure, and sincere thanks for the opportunity that you provided my grandson, Brian, a certified pilot, and I to fly in the Cessna 182 Garmin aircraft last Saturday 24 November. I am especially proud that I had this opportunity in the Maryland Wing where I was the Wing Commander from 1960 to 1969."



Photo by Brian Roche.

Gen Patterson wrote further, "The designated pilot for this orientation flight, Lt. Marty Sacks was not only a very accomplished pilot, but took the time to review the many high tech systems that are incorporated in this magnificent aircraft. Marty Sacks represents the type of professional pilot that has propelled CAP to a higher level of capabilities recognized by, not only the USAF, but now the Homeland Security agency for more and expanded tactical missions in all 50 states. Lt. Marty Sacks reflects great credit on himself and the USAF/CAP." Lt Sacks is a rated Mission Pilot and Cadet Orientation Pilot. He joined Civil Air Patrol in December 2003.

Brig Gen Patterson served as CAP's National Commander from Oct 1973 to Sept 1976. This followed positions as National Vice Commander, Middle East Region Commander and Maryland Wing Commander, serving as the Maryland Wing Commander for over 9 years, from Apr 1960 Thru Dec 1969. He is a long time pilot with over 5000 hours and was a Lieutenant Colonel in the United States Air Force



Photo by Brian Roche.

Brig Gen Patterson is currently Vice Commander of CAP's National Advisory Council (NAC). All together, Brig Gen Patterson has served CAP for over 50 years.

By – Major Doug Barth



Computer and Internet Security Updates

Watch your email for news and information from Lt Ralph, our IT Officer concerning computer and internet security. These timely emails will help you protect you and your family from internet security threats.



Keep your CAP online e-services contact information up to date

Please take a moment to verify your email address, home and emergency contact phone numbers that are in your CAP e-services online record. We use this information to generate call down trees for phone contact to members and to generate email distribution lists for Squadron emails.



The Fort McHenry Squadron meets weekly 7-9pm on Tuesday evenings at the

Bloomsbury Community Center
106 Bloomsbury Ave.
Rm. 106
Catonsville, MD 21228

The Fort McHenry Squadron Newsletter is published by the Fort McHenry Composite Squadron of the Civil Air Patrol.

Editor - Capt Gayle Hirst, CAP

For more information about the Fort McHenry Squadron please contact:

Capt Karen Walker, CAP
Commander
Fort McHenry Squadron
(240) 535-0154
kbwalker@maranatha.net

1st Lt Alvin Sacks, CAP
Public Relations Officer
ahsacks@verizon.net
(301) 229-3399

Capt Gayle Hirst, CAP
Public Relations Officer
(410)719-7323
GayleJH@aol.com

Major Doug Barth, CAP
Recruiting Officer
FtMcHenryCAP@comcast.net
(301) 518-0046



Specialized Undergraduate Pilot Training Familiarization Course (Formerly AETCFC)

Columbus AFB, MS
12-19 July
\$250.00

Columbus AFB, MS
19-26 July
\$250.00

Laughlin AFB, TX
16-26 July
\$250.00

Have you ever dreamed about becoming a military aviator? Would you like to have an edge when you go through US Air Force Undergraduate Pilot Training? If either answer is yes, then the Specialized Undergraduate Pilot Training Familiarization Course (SUPTFC) is for you!

Flying careers in the Air Force is the subject of this activity. Cadets study aviation side-by-side with Air Force student pilots. It is an academically-intense course that includes behind-the-scenes tours of the air traffic control tower, maintenance hangers, and parachute shop.

Highlights of the week may include a flight in a T-1A Jayhawk or a ride in a full-motion simulator

**Minimum Age: 15 by start of activity*

Engineering & Technologies Academy ("E-tech")

Auburn, AL
12-19 July
\$250.00

Do you want to pursue an aerospace career? Are you interested in cutting-edge aerospace technologies? Are you considering becoming an engineer, but you're unsure of your aptitude, or even what engineers do? If that sounds like you, then you should attend one of the "E Tech" activities. You'll be introduced to several engineering disciplines by completing hands-on projects and learning from professors and NASA or Air Force researchers at a leading university.

Some of the planned activities include:

-Aerospace & Fiber Engineering: Investigating what's unique about composite materials and then designing and constructing a carbon-fiber airfoil that you'll test in a smoke tunnel.

-Industrial/Systems Engineering: Learning how design affects engineering applications by participating in labs that test your balance, dexterity, strength, and other human factors.

-Mechanical Engineering: explore BAJA cars and an award-winning solar-powered house.

-Materials Engineering: Checking out electron microscopes and learning how engineers decide which materials to use for aerospace applications.

**Minimum Age: 15 by start of activity*

**Special Requirements: (1) Must have completed 9th grade by the start of the activity, and (2) must have completed Phase I of the Cadet Program.*

Cadet Officer School

Maxwell AFB, AL
16-26 June
\$250.00

Cadet Officer School is patterned after the USAF

Squadron Officer School and is an academically challenging course for cadets 16 and older. COS is an in-depth study of the skills of leadership. The course is divided between lecture, seminar, and hands-on training.

Instructors guide cadets through the Air Force approach to the psychology of leadership, problem solving techniques, effective writing, effective speaking, and group dynamics. In addition to classes and seminars, a wide variety of top military and industry leaders come as guest speakers to discuss their experiences with the cadets. Topics include human relations, critical thinking, leadership and national security issues.

Note: COS graduation has its own award ribbon designation on the uniform (a silver star on the Mitchell ribbon), and also confers the NCSA ribbon as well.

**Minimum Age: 16 by start of activity.*

**Minimum Grade: Must have earned the Mitchell by the start of activity.*

2008 CAP National Cadet Special Activities

Air Force Space Command Familiarization

Patrick AFB, FL
13 Jul - 3 Aug
\$175.00

Peterson AFB, CO
13-19 July
\$250.00

Vandenberg AFB, CA
20-26 July
\$175.00

Offutt AFB, NE
14-21 June
\$180.00

This course provides an in-depth look at the Air Force Space Command. Cadets investigate launch systems, missile operations, orbital mechanics, command and control systems, and more, depending on which location they attend. The program is an opportunity for cadets aspiring to become astronauts, technicians, or Air Force related careers fields.

Patrick AFB: Cadets that choose the Air Force Space Command at Patrick AFB will experience "behind the scenes" tours, briefings and guest speakers on the various aspects of America's missions and roles in space. Cadets will get first hand opportunities to meet the many talented men and women of the 45th Space Wing and NASA supporting the exciting business of space launch and exploration. In past years cadets had the chance to visit the Range Operations Control Center where all launches from Cape Canaveral are controlled and tracked, historical launch sites from the Mercury and Apollo programs, view a Titan rocket launch, see a GPS satellite and Delta rocket on the launch pad. In addition, cadets may visit NASA's Kennedy Space Center where they can observe elements of the International Space Station being prepared for flight and visit Space Shuttle processing facilities.

Peterson AFB: Participants will visit the home of Air Force Space Command. Here they will learn about orbital mechanics, domestic and foreign launch capabilities, satellite command and control systems, space surveillance systems, ballistic missile warning systems, and ICBM facilities. Orientation tours can include NORAD and ICBM sites, where you will have the opportunity to meet the men and women that are at the heart of day to day space operations. You will also get to visit the USAF Academy where the future Air Force leaders study and train.

Vandenberg AFB: Participants will see how the Air Force trains personnel for careers in space and missile operations. They also will visit a launch pad, missile silo, control capsule, and more. A Minuteman III is scheduled to launch in conjunction with this activity.

Special Requirements: Before attending one of these courses, we recommend you have a knowledge of the concepts discussed in: "Aerospace: Journey of Flight" parts 5 & 6, and "Aerospace Dimensions" modules 4, 5 & 6 before attendance. If possible, we also recommend you complete the requirements for the "CAP Cadet Rocket Badge" if offered at your unit.

**Minimum Age: 15 by start of activity*

National Blue Beret

Oshkosh, WI
24 Jul - 4 Aug
\$250.00

Have you ever been to an air show? Picture an air show where hundreds of thousands of people come to see the many wonders of aviation. In real life, that picture is the Experimental Aircraft Association's (EAA) annual fly-in at Oshkosh, Wisconsin.

For cadets age 16 and above, and selected senior members, the National Blue Beret (NBB) offers the chance to work at one of the largest and most prestigious air shows in the world.

NBB participants must already have their CAP Form 101 General Emergency Services rating prior to NBB. The CAP Form 101 annotated for Ground Team Member (or supervised trainee), the CAP Form 76 and a current standard first aid card are highly desirable.

CAP and EAA will provide training for you to help support the air show. Each participant will work several areas of the air show including the flight line and exhibits. Training will include techniques of aircraft marshaling and electronic direction finding. Cadets will be encouraged to take advantage of once-in-a-lifetime events that often occur during the air show.

**Minimum Age: 16 by start of activity.*

National Powered Flight Academy

Camp Ashland, NE
12-26 June
\$1,000.00

Ft. Pickett, VA
5-13 July
\$1,000.00

Shawnee, OK
19-29 July
\$1,000.00

Oshkosh, WI
7-16 June
\$1,000.00

Do you want to take the first step in becoming a pilot? Attending one of the National Flight Academies (NFA) will get you started in the right direction. NFAs are based on the U.S. Air Force's Flight Screening Program and offer you real time instruction in a Cessna 172. Certified Flight Instructors provide instruction and encouragement as you receive 10 hours of "hands on" flight time learning the basics of flying a powered aircraft. When coupled with 25 hours of ground instruction and the opportunity to fly as an observer as other cadets receive instruction you are preparing for the next step in obtaining a FAA private pilot license.

Depending on which of the NFAs you attend, you may visit Aviation Museums, Aircraft Reconstruction Hangars and Air Traffic Control Towers.

To attend you must be at least 16 years old by the start date of the activity. We recommend you have a FAA Type 3 Medical Certificate completed prior to attending the academy. (For Camp Ashland - See website for more details: <http://www.nfap-ne-cap.org/>)

**Minimum Age: 16 by start of activity*

Air Force Weather Agency Familiarization Course

Offutt AFB, NE
14-21 June
\$180.00

Future meteorologists attend this course to receive training in weather interpretation, contour mapping, severe weather analysis, storm spotting, and more. Cadets are also introduced to the computer technology that makes modern meteorology possible, and interact with specialists at the Air Force Weather Agency.

The AFWAFC is open to cadets, age 15 and older, who have completed the Rickenbacker achievement and have attended an encampment (Preferably, cadets should be a sophomore or junior in high school; however, seniors or college students majoring in meteorology or other weather related careers will not be excluded from consideration). Senior members should be working in an operational weather capacity, such as disaster preparedness or damage assessment.

**Minimum Age: 15 by start of activity*

International Air Cadet Exchange "IACE"

Worldwide
22 Jul – 6 Aug
\$250.00

The International Cadet Exchange (IACE) provides selected youth and adults an opportunity to serve as "ambassadors" to participating countries and promote international goodwill, friendship and understanding. Each summer, hundreds of cadets from eighteen nations come together to broaden their understanding of aviation and foreign cultures through the International Air Cadet Exchange (IACE).

Civil Air Patrol has been the United States representative to the Exchange almost from its inception 60 years ago. CAP cadets selected for the Exchange have a reputation as being the best of the best; possessing great integrity and leadership ability; a keen interest in aviation and foreign culture; and the desire to share their experiences with their fellow cadets, family, and community. Selection to the International Air Cadet Exchange makes a cadet one of CAP's... and America's ambassadors to the world. Would you care to take up the challenge?

The International Air Cadet Exchange is a life-shaping experience. You will meet people from around the world who share the Exchange's goal of promoting goodwill and fellowship through the common interest of aviation. You will receive special access to factories, airports, engineering laboratories, and government agencies; learning about how your host country contributes to the aviation community.

One day you may find yourself in the latest fighter simulator, the next day meeting high government officials at an official banquet, and hiking through pristine wilderness on yet another day. You will be joined not only by your fellow CAP cadets assigned to the country, but also by aviation cadets from a variety of countries representing five continents.

Countries Available for 2008 include: Australia; Belgium; Canada; German; Hong Kong; Japan; Netherlands; New Zealand; Sweden; Turkey; United Kingdom

**Special Requirements: To be eligible to apply as a cadet ambassador to IACE, you must have earned the Amelia Earhart Award not later than 31 December 2007. In addition, you must be 17 years old by 1 July 2008, and your 21st birthday cannot be before August 7, 2008. If selected, the activity fee is \$250 plus the cost of uniforms and other items.*

Advanced Technologies Academy

Peterson AFB, CO
19-26 July
\$350.00

Do you enjoy being on the cutting edge of today's technology? Do you like to fly? Do you have the basic computer skills mastered and want to use your knowledge to help CAP perform it's primary missions? Are you also interested in space and would like to be able to track satellites, the space shuttle, and the International Space Station in orbit from your squadron's computer? We combine all these activities into an exciting week at Peterson AFB in Colorado during the Advanced Technologies Academy!

You will learn all about ARCHER – Airborne Real-time Cueing Hyper-spectral Enhanced Recon! CAP was the first organization to deploy this sophisticated real-time, airborne hyper-spectral imaging capability. You will receive classroom training on ARCHER and then fly ARCHER sorties in CAP's new Gippsland GA-8 Airvan. You will also see how CAP provides some of the first photographs of disaster sites by flying in CAP aircraft and taking the pictures yourself! You will then transmit those images back to base using satellite technology. You will also get hands-on demonstrations of infrared and night vision equipment. Another part of the activity is the CAP Satellite Tool Kit program. You will learn to use this highly advanced, state-of-the-art space computer application to learn about satellite missions, types and locations of satellite orbits and many other interesting space operations topics. You may preview those lessons at <http://www.stk.com>.

Please note, competency with the Microsoft Windows operating system and programs is a requirement.

**Minimum Age: 14 by start of activity.*

National Glider Flight Academy (Basic)

Hobbs, NM
31 May – 15 June
\$900.00

Mattoon, IL
20-28 June
\$900.00

Rome, GA
19-27 July
\$900.00

Aspiring pilots receive formal ground instruction and cockpit time with a certified flight instructor. Many cadets participating in a NFA even solo at the academy. The learning environment is specially designed for cadets, and the low instructor to student ratio provides opportunities for mentoring and individual attention.

The Basic glider program available at the Hobbs, NM site are courtesy of Colorado and New Mexico wings and are CADET ONLY, THERE IS NO ADULT PROGRAM THIS YEAR.

No glider experience is necessary for the basic course. All the basic to advanced skills and ground instruction leading toward your private glider rating are included. Advanced preparation, ground instruction, and cross-country skills needed for your private glider rating are included. Practical Flight Test may be administered for students at least 16 years of age based on skills and the availability of a DPE. (For Hobbs location - See website for more details: <http://www.cowglidercap.org/>)

**Minimum Age: 14 by start of activity*

National Glider Flight Academy (Advanced)

Hobbs, NM
31 May – 15 June
\$900.00

Aspiring pilots receive formal ground instruction and cockpit time with a certified flight instructor. Many cadets participating in a NFA even solo at the academy. The learning environment is specially designed for cadets, and the low instructor to student ratio provides opportunities for mentoring and individual attention.

The Advanced glider program available at the Hobbs, NM site are courtesy of Colorado and New Mexico wings and are CADET ONLY, THERE IS NO ADULT PROGRAM THIS YEAR.

Advanced participants must: Have a minimum of 30 glider flights and have or be close to soloing in a glider

Not yet have a private glider rating

Advanced preparation, ground instruction, and cross-country skills needed for your private glider rating are included. Practical Flight Test may be administered for students at least 16 years of age based on skills and the availability of a DPE. (See website for more details: <http://www.cowglidercap.org/>)

**Minimum Age: 14 by start of activity*

Air Force Pararescue Orientation (Basic)

Kirkland AFB, NM
25 Jul – 2 Aug
\$180.00

This activity is a one-week introduction to the rigorous mission of the pararescueman.

In the basic course, cadets learn land navigation, survival techniques, rock climbing, rappelling, and other skills used in rescue operations from pararescue specialists. This high-adventure activity also promotes physical fitness and builds character.

**Minimum Age: 15 by start of activity*

Air Force Pararescue Orientation (Advanced)

Davis-Monthan AFB, AZ
5-13 July
\$180.00

The advanced course exposes cadet PJOC graduates to life on an operational Pararescue (PJ) Team. This course is sponsored by an active or reserve component PJ Team at the team's home station and allows the students to participate in certain PJ day to day training that will conclude with a Combat Rescue Training Exercise (CRETE) and an opportunity for students to challenge the PJ Physical Ability and Stamina Test (PAST).

You must be in excellent physical condition to participate in PJOC/APIOC. If selected, your wing must certify that you have successfully passed the PJOC PHYSICAL FITNESS EVALUATION. (See website for more details: <http://pjoc.org/>)

A physical fitness test will be administered at the start of the activity, and the instructors will send home any cadet who cannot meet the physical standards. Cadets will be doing a lot of calisthenics and running while at PJOC.

** You must have graduated from PJOC to apply*

Aerospace Education Academy

Oshkosh, WI
10-17 Aug
\$250.00

This activity is an opportunity for cadets to sample several aspects of the aerospace community.

Cadets build and fly model rockets and aircraft, study aerospace history, visit a planetarium, and learn GPS navigation. Additionally, cadets visit a sport air workshop where they work with composite materials to construct airfoils.

**Minimum Age: 15 by start of activity*

Aircraft Manufacturing & Maintenance Academy

Independence, KS
15-22 June
\$250.00

Ever wonder how airplanes are built? How major aircraft manufacturers train their maintenance technicians? How does a week at the Cessna Aircraft Co. maintenance training and manufacturing facility sound?

You will have shop floor access to observe Cessna professionals fabricate and build Cessna airplanes. You will also get hands on instruction in the maintenance training facility and simulators. If you are interested in a career in the general aviation industry this is a must activity for you!

**Minimum Age: 15 by start of activity*

Honor Guard Academy

Westminster, MD
13-26 July
\$550.00 – New Students
\$500.00 – Returning
\$375.00 - Staff

The Honor Guard Academy provides leadership training to cadets and seniors that will enable them to introduce the Honor Guard Program within their unit, wing and region. The Honor Guard Program contributes to the Drug Demand Reduction Program, recruiting and retention through a highly visible public relations program, as those members become Ambassadors for the Civil Air Patrol.

Cadets will be trained by the United States Air Force Honor Guard in three of the four elements of the Honor Guard, Ceremonial/Demonstration (rifle maneuvers are part of the Demonstration Element), Colors Element and Funeral Element. The fourth Element, Drama, focuses on the Drug Demand Reduction Program and students will receive instruction from the Senior Staff. Cadets must complete a rigorous training schedule that requires 10-12 hours per day of standing while twisting, throwing rifles, marching, plus additional physical fitness training.

For New Students the cost will be \$550.00. This includes: Lodging and facilities, food, cadet handbook, laundry, instruction manual, HGA Patch, yearbook on CD or printed copy, tours, 6 T-shirts, 3 shorts, parade belt with buckle, gloves, baseball hat, Honor Guard Cord, performance rifle, ascot with the Honor Guard patch, rear chinstrap for male service hat (you supply hat). Note* If you have problems locating a service hat contact the Activity Director.

Senior Members that wish to serve as staff and become part of the Honor Guard family in the following positions must complete the application procedures as set forth by National Headquarters plus provide information on their knowledge of the position for which they are applying. Each staff member must be able to complete assigned duties without supervision. All staff members will be expected to perform multiple duties while at the academy; therefore, one staff member may hold several positions. Positions to be filled are: Instructors, Finance Officer, Administrative Officer, Safety Officer, Tactical Officers, Medical Officer, Transportation Officer, Public Affairs Officer, and Logistics Officer.

*Minimum Age: 15 by start of activity

Hawk Mountain Search & Rescue School

Kempton, PA
12-20 July
TBA
(Hawk applications are not handled by NHQ)

Hawk Mountain Ranger School has a proud history of providing outstanding SAR and emergency services training. The school is conducted in the mountains of Pennsylvania under mission field conditions and is very physically demanding. The school is open to both cadets and officers (sr. members). For specific information, visit the Hawk web site at <http://pawg.cap.gov/hawk/>.

For all Cadets and Officers (Sr.) members applying to Hawk Mt Ranger School you will need to submit a fully completed CAPF 31, including your wing commander's signature, directly to PA Wing HQ, Bldg. 3-108, Ft Indiantown Gap, Annville, PA 17003. Mark the outside of the envelope "Hawk." **Do not send Hawk applications to NHQ.**

Do not apply for any other activity on the same form 31 that you send to PA wing for Hawk.

Application will be accepted between January 31, & June 10, 2008.

To serve as staff, members must complete a series of eight weekend training activities prior to the school or attend and pass the staff training squadron during the school. Returning students must indicate "Returning Student – Request Squadron ____" on top of the front page of the CAPF 31 in red ink. For (squadron requested) indicate Cadet Advanced, Medic, Staff Training, Ranger Team Commander, Overhead Team Management, Ranger Program Coordinator, or Special Advanced Course. Squadron assignments will be made by the school staff.

Those selected will be notified by E-mail (if available) or by U.S. Mail starting in March. Again, we encourage you to visit our web site for detailed information about the school.

Selection from your fee is not refundable and should not be submitted until you have been accepted. Students who successfully complete the School can wear the NCSA ribbon and school "LL insignia".

Visit the Hawk site at <http://pawg.cap.gov/hawk/> prior to submitting application.

*Minimum Age: 13 by start of activity

*Additional Prerequisites: Visit Hawk website for more details...

National Emergency Services Academy

All schools held in Camp Atterbury, IN

National Ground Search and Rescue School
Team Leader Course & Basic Course
27 Jul – 2 Aug & 3-9 Aug
\$160.00
\$175.00 after 1 Jan

Incident Command System School
Basic Course
27 Jul – 2 Aug
\$160.00
\$175.00 after 1 Jan

National Ground Search and Rescue School
Advanced Course
2-9 Aug
\$160.00
\$175.00 after 1 Jan

Incident Command System School
Advanced Course
3-9 Aug
\$160.00
\$175.00 after 1 Jan

NESA Staff
\$45.00

(Activity has a supplemental selection process)

National Ground Search and Rescue School
First Responder Course
27 Jul – 2 Aug
\$160.00
\$175.00 after 1 Jan

Mission Aircrew School
Basic Course, Advanced Course, and Instructor Course
2-9 Aug
\$160.00
\$175.00 after 1 Jan

This special activity gives hundreds of members the opportunity to train in Emergency services qualifications at National Headquarters certified courses. All courses are held at Camp Atterbury, just 35 miles south of Indianapolis, Indiana. Qualified CAP, USAF, and industry experts will conduct the courses. Housing and meals are provided at Camp Atterbury for all participants.

The academy is offering several courses this year in the National Ground Search and Rescue School (NGSAR), Incident Command System School (ICSS), and Mission Aircrew School (MAS). The following is a summary of the courses in each school with pre-requisites.

National Ground Search and Rescue School

Basic: This is an intensive combination of classroom and field training that provides students with the opportunity to complete all requirements (including Basic First Aid and Communications User Training) for a Basic Ground Team Member rating. All personnel interested in attending the basic course must be at least 13 years of age at the start of the course and have completed general emergency services training.

Advanced: This is an intensive combination of classroom and field training that provides students with the opportunity to complete all requirements for an Advanced Ground Team Member rating. It is recommended that all advanced students arrive having already completed Advanced First Aid and Advanced Communications User Training. All personnel interested in attending the advanced course must be at least 13 years of age at the start of the course and have completed general emergency services training as well as complete Basic NGSAR or equivalent as determined by the Director or Commandant.

Team Leader: This is an intensive combination of classroom and field training that provides students with the opportunity to complete all requirements for a Ground Team Leader rating. Graduation requires completion of 100% of the task requirements, including gear. This course will include some overnights in the field, search operations, cross-country travel, etc. Those completing the course successfully will be eligible for their CAPF 101 ground team qualification (GTM1, UDF, GTL) and senior ground team badge. It is recommended that all team leader candidates arrive having already completed Basic First Aid and Basic Communications User Training. These are required for your GTL qualification. All personnel interested in attending the team leader course must be at least 18 years of age at the start of the course and have completed general emergency services training.

First Responder: All personnel interested in attending the first responder course must be at least 15 years of age at the start of the course and have completed general emergency services training. You must be physically fit (you will be expected to participate in field transport of patients and lift heavy objects of 100 pounds or more).

Incident Command System School

Basic: This is an intensive NIMS orientation that provides students with experience as Mission Radio Operators, unit leaders, or branch directors. All personnel interested in attending the basic course must be at least 15 years of age at the start of the course and have completed general emergency services training.

Advanced: This is an intensive NIMS training designed for section chiefs, command staff, and Agency Liaisons. Should have minimum CAPF 101 qualification in a mission base staff specialty. (mission radio operator, communications unit leader, branch directors, etc.). Must be a Basic ICSS (or equivalent) graduate as determined by the Director or Commandant. Note: Personnel must have ICS 200 level training complete prior to arrival. All personnel interested in attending the advanced course must be at least 16 years of age at the start of the course and have completed general emergency services training.

Mission Aircrew School

Mission Pilot Applicants: This is an intensive combination of classroom and flight time that provides students with the opportunity to complete all requirements for either a Mission Pilot or Mission Observer rating. Those completing the course successfully will be eligible for their CAPF 101 aircrew qualification (MP or MO) and pilot or observer wings. Must have a current CAP Form 5 check ride and 175 hours PIC time prior to attending the school. Include copies of your current CAPF 5 and last six months flight logs with your application. CAP Form 91 check rides may be initiated during the course as time permits based upon student performance and staff approval. All participants will review Mission Scanner Training at MAS prior to progressing to Observer or Mission Pilot training. All personnel interested in attending the Mission Aircrew School must be at least 18 years of age at the start of the course, have completed general emergency services training, and be mission scanner qualified. ***An advanced course is also being considered this year for MAS if the enrollment justifies the need. This advanced course will focus on expanding the skills of qualified crew members while incorporating training in some of the latest technology available to our aircrews like the Satellite-Transmitted Digital Imaging System (SDIS). All applicants must be prior graduates of the introductory MAS course and be current and qualified mission observers or mission pilots.***

For more information go to: <http://www.homestead.com/ngsar/home.html>