



INDIANA WING CIVIL AIR PATROL NEWSLETTER



Citizens Serving Communities: Above and Beyond

November 2008

Civil Air Patrol member to pilot Space Shuttle Endeavour

Julie DeBardelaben

Eric Boe first flew as CAP cadet

MAXWELL AIR FORCE BASE, Ala. – Civil Air Patrol Sr. Mbr. (and Air Force Col.) Eric Boe will achieve what many dream of and few accomplish – the chance to travel into space. An astronaut with NASA, he will pilot the Space Shuttle Endeavour for mission STS-126, his first voyage into space.

Scheduled to launch Nov. 14 from Kennedy Space Center, Fla., the mission is being conducted in support of the International Space Station. The Endeavour will dock with the station and deliver supplies to support its expanding needs, including a Multi-Purpose Logistics Module.

“I’m very excited to go into space and get the opportunity to represent the nation,” said Boe. “It’s a great opportunity to see what it’s like to go into space.”

A former Georgia Wing cadet and current Florida Wing member, Boe said his involvement with CAP as a young man helped him achieve his career goals of becoming a fighter pilot and an astronaut. Boe, who soloed at age 16 at a flight encampment conducted by the Georgia Wing, credits his cadet experience for solidifying his desire to fly.

“That was my first real opportunity to fly an airplane by myself,” he said. “CAP gave me that opportunity, and it really made a difference in the long term. It’s always nice to have flown before you show up at pilot training.”

Boe is the recipient of CAP’s Carl A. Spaatz Award, the highest award cadets can achieve. Only about one-tenth of 1 percent of CAP cadets achieves this award. Boe is

carrying his Spaatz coin with him into space in honor of his CAP cadet experience.



Courtesy NASA

Astronaut Eric Boe, a CAP senior member and Air Force colonel, will pilot the Space Shuttle Endeavour Nov. 14, his first space trip.

representing 20 countries will visit CAP squadrons in the U.S. as participants in the IACE program.

“It was good exposure to see people from other countries, and now I’m working on the International Space Station. I was stationed in the Philippines in the military and with NASA I was in Russia for a year with my family. That initial IACE experience gave me a flavor for the international experiences that I have had so far,” he said.

A top-notch pilot, Boe’s military service includes flying 55 combat missions over Iraq in support of Operation

Boe also credits CAP for expanding his horizons: “I had IACE (International Air Cadet Exchange) cadets stay at the house,” he noted. The program, now more than 60 years old, promotes international friendship and understanding through a common focus on aviation. In 2009, cadets

Southern Watch after the Gulf War and more than 4,000 flight hours in more than 45 different aircraft. His military decorations include the Meritorious Service Medal, Air Medal and Aerial Achievement Medal.

BOE'S TIMELINE

- **1977:** Joined CAP as a cadet
- **1983:** Gen. Carl A. Spaatz Award
- **1987:** Distinguished graduate with honors, bachelor's degree in aeronautical engineering, U.S. Air Force Academy
- **1988:** Euro-NATO Joint Jet Pilot Training, Sheppard Air Force Base, Texas
- **1997:** Air Force Test Pilot School, Edwards AFB, Calif.; master's degree in electrical engineering, Georgia Institute of Technology
- **2000:** Selected as a pilot by NASA in July; reported to Johnson Space Center, Houston, in August. After two years of training, assigned technical duties in the Astronaut Office Advanced Vehicles Branch, Station Operations Branch and Space Shuttle Branch
- **2005-2006:** NASA Director of Operations at the Gagarin Cosmonaut Training Center, Star City, Russia
- **2008:** Pilot, Mission SLS-126, Space Shuttle Endeavour

sand bags and handed out an additional 30,000 or more sand bags to citizens of NW Indiana. They gave over 290 man hours to the relief effort. The following quote is from Mr. Tom Sharon of Indiana DHS, ""I am tremendously impressed with your Squadron (Valparaiso Composite Squadron) and what they accomplished for the residence in Porter, Jasper and LaPorte Counties. I know how much you helped and how much less we would have accomplished except for the work of the young people in your Squadron. I never heard a complaint despite hard work and very poor conditions. I know at times they were tired, wet and hungry but they pressed on. I thanked them in person but that doesn't feel adequate for what they did.""

08C7096 - Valparaiso Composite and Ross Composite Squadrons responded to a request from the Northwest Indiana Chapter of the American Red Cross to perform ground damage assessment surveys of Gary, Munster, and Lake Station. During this time (2 days of operations) the teams assessed over 1,000 homes. In addition teams located and report two gas leaks to local fire departments. While on their mission the teams were first on scene at a motor vehicle accidents where both drivers had head, neck and back injuries. Members including a Valparaiso Squadron Nurse and 2 Indiana EMS First Responders (both cadet officers) took charge of the scene and patient care until local EMS arrived and then continued to assist local EMS until they were ready to transport the victims to a local hospital

Federal Disaster in LaPorte County

Lt Col John Bryan

08C7065 - At the request of the Porter County EMA members of the Valparaiso Composite Squadron worked for 3 days filling and handing out sand bags to the people of Porter County and other surrounding counties. Hundreds of homes and businesses were saved from damage due to the hard work of the Valparaiso Ground Team. Over the course of 3 days they filled over 20,000

Three Finds in One Night

Capt Alex Whitacre FO Jessica Caplan
RiverCity Cadet Squadron

Indiana - On the evening of September 25, 2008, AFRCC notified Indiana Wing that a 406 MHz Emergency Position Indicating Radio beacon

(EPIRB) had been activated in the vicinity of Bicknell, Indiana. Major Brian Schmuck, INWG Emergency Services Officer, contacted Monroe County (IN002) for air support and RiverCity Cadet Squadron (IN220) for ground team support. CAPFlight 1255 launched from Bloomington-Monroe County Airport at dusk and linked up with the RiverCity ground team near Bicknell after nightfall.

The final two coordinates (merges) given to the search team were very close together, but roughly two miles off target. The aircrew received the 406 mhz signal bearing information and as the aircraft homed in on the location, was able to receive a 121.5 MHz signal within about two miles of the target. Using CAP radio and light signals, the aircrew directed the ground team to within 100 meters of the target.

The RiverCity ground team discovered that three surplus EPIRBs had been activated at a recycling center that specializes in military hardware. There were piles of busted up helicopter airframes, electronic gear, pallets full of life rafts, piles of old parachutes, and in general, lots of places for an ELT to hide. All three EPIRBs had been placed inside temporary construction barriers. One of the center's employees had thought the strobes would be a good safety feature to prevent forklift drivers from driving over an area of freshly-poured concrete. The ground team was able to quickly locate and deactivate the three EPIRBs.

406 MHz EPIRBs pulse a data burst stream of 400 milliseconds at 5 watts roughly every 50 to 55 seconds, although the Becker SAR-DF 517 units found in some CAP aircraft will retain the bearing for 5-8 seconds. The 406 MHz signal is not intended for homing, but to allow data

transmissions to be acquired by COSPAS-SARSAT, the constellation of search and rescue satellites. In theory, these data packets contain the name of the vessel or aircraft, the owner's name, and the approximate location of the distress beacon. The 406 MHz EPIRBs also transmit a 121.5 MHz signal for tracking purposes. The output power of the 121.5 MHz signal is very limited—25 milliwatts—only one-fortieth of a watt! The limited range of the 121.5 MHz signal presents significant challenges for ground teams. The RiverCity ground team was not able to pick up the 121.5 MHz signal until it was within one and a half miles of the target. Close coordination between the aircrew and the ground team was absolutely essential for mission success on this EPIRB search. Without the aid of the aircrew, it may have taken the ground team hours to find the 121.5 MHz signal. On the ground, in the dark, and driving on unfamiliar country roads poses significant challenges for a ground team searching for such a low wattage signal.

Participating in the mission were: Mission Pilot Lt Col Tom Myers (Group XII Commander), Mission Observer 1st Lt Dean Roller (IN002), Ground Team Leader Capt Alex Whitacre (IN220), FO Jessica Caplan (IN220), C/2dLt Benjamin Baker (IN220), and C/CMSgt Jacob Whitacre (IN220). A ground team from Monroe County Composite Squadron (IN002) stood by for deployment throughout the evening.

What Squadron will earn bragging rights?

Nov 22nd, will be the first ever INWG Cadet Olympics. This event is to help promote Physical Fitness, Team Work, Squadron Interaction, Squadron Competition and a time for ALL to get together and have FUN.

Trophy is 35 inches tall and looks like the one picture here.

All members are more than welcome to show up and show support for your unit's team. Maj. Engel will have a DDR display set up as well. If you are interested in helping, please contact Maj. Young at majyoung@comcast.net or phone 765-610-8319



Indiana Wing Cadet Programs

Maj. Young

Special Points of Interest:

Cadet Olympics

Wreath Laying Ceremony at State House

INWG Color Guard Competition

Encampment Dates

Cadet Leadership School to be held In Group I

Cadet Leadership School to be held in Group V

Cadet Commanders School

RCLS

Wing Honor Guard



CAP Cadet Gets Involved

Information provided by Lt Barb McGinness
Monroe County

Jarrett McGinness of Monroe County Cadet Squadron has shown extreme enthusiasm for the activities available to him as a cadet. During the summer he attended 6 one week activities. On June 7 he was deployed to a mission in Terre Haute, where he was away from home for over 11 hours. June 10th he made an appearance at a damage assessment for the Red Cross due to the Indiana flooding; he was again gone for over 10 hours.

June 13-20 he attended the Johnson Flight Academy in Illinois, he earned 7.4 hours of flight time. When he got home June 21st at 0330 he quickly did his laundry and packed up to leave for the Evergreen Flight Academy in just a few short hours.

June 21st he went to the Change of Command at Bloomington Airport, he left there at noon to fly to Portland, Oregon.

June 22-28 he was in attendance at Evergreen Aviation's Michael King Smith Aviation Business Academy in McMinnville, Oregon. He was one of the ten cadets participating in this school, he also received an invitation to come back next year as staff. Jarrett returned home from this on the 29th

July 13-19 Jarrett McGinness flew to Colorado Springs to attend Air Force Space Command Familiarization Program at Peterson Air Force Base. On the 19th he returned to the Indianapolis Airport and drove straight to Springfield, Illinois.

July 19-26 he attended the Illinois Summer Encampment. He participated in the Advanced Training School. Sierra McGinness also was in attendance at the encampment, participating in Communication School where she was awarded Honor Cadet.

July 26 he arrived back home in Monroe County where he promptly packed and prepared to leave for a two week NESAsession.

July 27-Aug 9 Jarrett was at the National Services Academy where he acquired his GTM3 and GTM1. Sierra also obtained these qualifications, and Barb McGinness received GTM3 and GTL.

August 7th While attending the National Emergency Services Academy at Camp Atterbury, Jarrett turned 16 years old.

Whenever Jarrett was in town he also attended his Thursday night CAP meetings.

Lt Barb McGinness also provided the following information:

"We(Lt McGinness, Jarrett, and Sierra) also attended a school at Camp Atterbury, Indiana put on by the Indiana Dept of Homeland Security Sept 25-28, 2008. We three felt like we were returning to NESAs. As we arrived at the school we saw a sign announcing the site of CAP's permanent training facility location in Camp Atterbury and saw the area already in progress of being cleared. We also saw and greeted Maj Brockman as we entered the school building. We attended a two day Land Navigation class taught by none other than Paul Marsters (the land navigation teacher at NESAs this summer), which included spending one day out in 1Alpha. Anyone that has attended NESAs knows this wild and rugged area in Camp Atterbury, and will probably have comments to add about their experiences there. Jarrett followed that by a two day class also taught by Marsters on GPS & Navigation, returning to spend another day in, you guessed it, 1Alpha! (Sierra and I took a two day class on Edible & Medicinal Herbs, also a great class that took us into the less rugged terrain of the State Forest area across the highway in our search for these plants.) Also, we were very fortunate to be allowed to bring our camper into the campground on Atterbury, which conveniently enabled us to stay on site for our classes"

Jarrett McGinness has been an extremely busy cadet this summer. We at Indiana Wing thank you for your participation in Civil Air Patrol. Congratulations on all of your new qualifications.

Take a Veteran to School Day

Capt Alex Whitacre, FO Jessica Caplan
Rivercity Cadet Squadron

Newburgh, Indiana – Castle Junior High School (CJHS) Social Studies Department hosted a “Take a Veteran to School Day” event in conjunction with Veteran’s Day on November 11, 2008. The program gave students an up close and personal view of what it means to be a Veteran and serve our country. More than fifty area Veterans took part in the event.

Each of the thirty six first period classes at CJHS had at least one Veteran attend class and talk about their experiences serving in the military. Veterans from all branches of the military including the Coast Guard participated in the event. Captain Whitacre, RiverCity Cadet Squadron Commander, was one such veteran. Captain Whitacre shared his experiences serving in the U.S. Air Force and the Ohio Army National Guard. He also spoke about the Civil Air Patrol and how service in the Civil Air Patrol benefits the local community and the country.

The visits to the classes were followed by an assembly in one of the gymnasiums. RiverCity Cadet Squadron provided the Color Guard for the assembly. C/2d Lt Jacob Whitacre, C/SMSGt Nicholas Yates, C/SMSGt Jeremiah Fulton, and C/SrA Bryce Moseby presented the colors to more than a thousand students, faculty, and veterans.

The HISTORY “Take a Veteran to School Day” initiative is a national campaign, linking veterans of all ages with young people in our schools and communities. For further information on the “Take a Veteran School” campaign, go to <http://www.history.com/minisites/veterans>



Cadet Yates and Cadet Whitacre at Castle Junior High School

Anderson/Pendleton Mission

Lt Col Darrel Williamson
Incident Commander

AFRCC reported an ELT on 243 Nov 9th at 1100PM local. Grant County Ground Team and CAPFLIGHT 1255 from Bloomington tracked the signal to North Lakeland Private airport 8 miles, south of Pendleton. This ELT was emitting since 11-8-08, and was silenced and mission was closed by AFRCC at 1039z 11-10-08.

Thanks to both the Grant County Ground team under the leadership of Lt Col Garry North, and the Aircrew from Bloomington with Lt Col Meyer as the PIC, a great job of teamwork on everyone's account. I appreciate the efforts of Maj Creed and Maj Hornbuckle in assisting with the Air Branch Directing and MSA duties. Both air and ground teams will be submitted for Non Distress Find, through channels.

Chaplain's Corner

Maj. David Harness



Spring came and went along with the summer months and now we find ourselves in the latter part of fall. I am at the age where time slips by very quickly. Along with this phenomenon is the realization that life's hours are short and precious. Someone wisely

advised that we should seize the hours. Take a firm hold on the time we have been allotted and make the very most of it.

By approaching life in this way we guarantee a successful and prosperous life time. If we have the attitude of sitting down and letting life pass us by we will not have the pleasure of accomplishment.

Many folks join CAP with the goal of having a coffee club atmosphere. I consider the second most important thing we do in CAP is Volunteer Service. This is superseded only by Safety. Let us break that down for the sake of this month's article. Volunteer, meaning giving of the self without expectation of remuneration. Secondly Service means accomplishing that which enriches the lives of others. Therefore, by seizing the days we are given and setting aside our own interests we may make someone's life more comfortable and full filled.

Have a happy Thanksgiving to all.



WING COMMANDER'S CORNER

Colonel Mark Reeves
Commander, Indiana Wing



Each year in the month of December, National Headquarters releases the dates and application process for National Cadet Special Activities on the CAP website at

www.cap.gov/cadets. As both cadets and seniors

think about what they will do next summer, here are some opportunities to think about

1) Summer Encampment. Just like last year, in 2009 we will be participating in the Illinois Wing Encampment at Camp Lincoln in Springfield, IL from 1 August to 8 August 2009. I want to strongly encourage both cadets and senior members to attend this activity. Indiana Wing is working to open our own Encampment in 2010 and the more experienced adult and cadet members that we have at that time, the smoother our activity will go!

2) National Emergency Services Academy. The largest activity in Civil Air Patrol, after the Summer National Board Meeting, is held right here in Indiana at Camp Atterbury 26 Jun 2009 through 11 July 2009. Each year about 400 cadets and senior members participate in air, ground and mission base training using the national Emergency Services curriculum that Academy staff helped to develop. Several senior officers from the Indiana Wing staff, including the Vice Commander and Chief of Staff, regularly attend as staff and I always make sure I am there for a portion of the two weeks. Last year about 50 Indiana wing officers and cadets participated in the Academy over two weeks.

3) Region Cadet Leadership School. This year

Indiana Wing is helping to sponsor a Region Cadet Leadership School at Camp Atterbury in early June. I appreciate Lt Col Darrel Williamson and Major Jeff Young's leadership in setting this program up and look forward to great participation from our cadets and those of our neighboring wings.

There are many, many more activities listed at the Civil Air Patrol website, such as Cadet Officer School, International Air Cadet Exchange, the Johnson Flight Encampment, and on and on. Regardless of what activity you choose this summer, please make sure that you do take time to participate in something! Summer activities are the "icing on the cake" for seniors and cadets and you can only benefit by the education you receive and the friends you will make



From the PAO

FO Jessica Caplan
Indiana Wing PAO



After last month's newsletter I was informed that no one in the state of Indiana knows who I am. I was told that I should probably consider putting something in this month's newsletter just so everyone knows I'm not some random person who's reporting the activities of the state.

So here we go:

I joined Civil Air Patrol in March of '08; I attended my first meeting the day after I turned 18. Since I joined at the age of 18 I didn't get the chance to be a cadet, which is why I'm one of the few flight officers in this state. I am a resident of Evansville, and I'm currently a member of the RiverCity Cadet Squadron. I currently attend Owensboro Community and Technical College, where I am majoring in Psychology and Criminal Justice. My goal is sometime in the next couple of years to join the Air Force where I hope to get a job in Security Forces and later as a Training Instructor.

Civil Air Patrol has given me more opportunities than I could ever imagine. Two years ago I could never have imagined that I was going to be up in a plane learning how to take pictures from the back seat, and learning how to work the controls up front. I never expected to learn ground search and rescue techniques at Camp Atterbury, or be reminded that my sewing skills are still nonexistent.

When I first became RiverCity's PAO I was very new to CAP and to Public Affairs, but I became active quickly and learned much about CAP's programs. In August, I was offered the vacant wing PAO position because of my activities at unit level. After some consideration and with the encouragement of several other CAP members and friends, I chose to accept the position, and I'm very glad that I did. Being able to keep everyone in the wing aware of happenings throughout the state, and throughout CAP, is very rewarding. However, I wouldn't be able to do it with you, the people of CAP, the readers of the newsletters, the submitters of press releases, the unpaid volunteers of the Air Force Auxiliary.

WING STAFF VACANCIES

Indiana Wing Headquarters is currently seeking applicants for the following positions:

Director of Operations
Director of Professional Development
Aircraft Maintenance Officer

Please contact Major Matt Creed, Indiana Wing Chief of Staff at mcreed@inwg.cap.gov if you are interested in any of these positions.

CALENDAR HIGHLIGHTS (CHECK OUT THE FULL CALENDAR AT INWG.CAP.GOV)

Got News? If you have news, information, or photos for publication in the next wing newsletter, please send them to the wing's Public Affairs Officer, FO Jessica Caplan at jcaplan@inwg.cap.gov

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