



CIVIL AIR PATROL, MONTANA WING
“TRANSPONDER”
NEWSLETTER
FEBRUARY – MARCH 2012



Executive Summary

Civil Air Patrol - Citizens Serving Communities: Above and Beyond

Civil Air Patrol ♦ Montana Wing Headquarters ♦ P.O. Box 1887 ♦ Great Falls, MT 59403 ♦ (877) 529-5538

<u>Billings</u> Beartooth Composite Squadron	<u>Bozeman</u> Big Sky Composite Squadron	<u>Butte</u> Butte Composite Squadron	<u>Great Falls</u> Malmstrom AFB Composite Squadron	<u>Great Falls</u> Skyhawks Senior Squadron	<u>Helena</u> Lewis & Clark Composite Squadron.	<u>Kalispell</u> Flathead Composite Squadron	<u>Lewistown</u> Central Montana Flight	<u>Missoula</u> Missoula Composite Squadron	<u>Plains</u> Thunderbird Mountain Composite Sqdn.
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WING TIPS

- The revised CAP Pamphlet 52-23, *Cadet Protection Policy Implementation Guide*, has been approved and published. The pamphlet describes the advantages of the Cadet Program's military training, defines military intensity levels, and provides a guide for commanders and Cadet Programs leaders to analyze difficult situations to determine the presence or absence of hazing
- The first CAP Safety Officer College will be held at Kirtland AFB, New Mexico from June 11-15, 2012. The student limit for this inaugural Safety Officer College is 60; one representative per wing and one per region. For additional information contact: Safety@capnhq.gov



CAP to receive Air Force Academy gliders: Eleven L-23 ‘Super Blanik’ gliders from the U.S. Air Force Academy will soon belong to Civil Air Patrol, through a transfer National Headquarters and the Air Force have been working on. The gliders, expected to be delivered near the end of fiscal year 2012, will help modernize the existing fleet of 42 gliders. Considered one of the world’s most common basic training sailplanes the L-23 is an all-metal, two-seat, dual-control, high-winged glider with retractable main wheel and a fixed tail wheel. Its one-piece canopy design allows for excellent visibility. Radios and flight

instruments are available in both cockpits. Some of the gliders come with trailers for storage and transportation. The CAP uses gliders to introduce youth to flight through its cadet orientation program. The opportunity to fly is a major attraction for cadets, 26,463 of whom received orientation flights in the organization’s powered aircraft and gliders last year. CAP offers three glider academies each summer at different locations in the U.S. The academies are specifically designed for cadets who want to learn to fly. Participants receive formal ground instruction and cockpit time with a certified flight instructor. Some cadets get the opportunity to solo

- Wing Commander Colonel Herb Cahalen and Wing Vice-Commander Lieutenant-Colonel Chuck Lynch were in Washington, DC recently to attend the CAP Winter National Board meeting. Col Cahalen and Lt Col Lynch also took part in CAP’s annual Legislative Day where top CAP leaders meet and brief federal legislators. Col Cahalen and Lt Col Lynch met Senators Tester and Baucus and Representative Rehberg and their staffs to brief them on CAP overall and specifically in Montana.

- In early February, Wing Commander Col Cahalen and Wing Vice-Commander Lt Col Lynch went to the State Capitol Building in Helena to induct Governor Brian Schweitzer and his Deputy Chief of Staff Ms Sheena Wilson into the Civil Air Patrol and to assign them to the State legislative Squadron. Former Montana Wing Commander Colonel Carl Koeber, the commander of the State Legislative Squadron, was present to observe the ceremony and to welcome the two new CAP members into his unit.



**COL CAHALEN PRESENTS GOVERNOR SCHWEITZER
WITH HIS CIVIL AIR PATROL MEMBERSHIP DOCUMENTS
LT COL LYNCH AND COL KOEBER OFFER CONGRATULATIONS**



**COL CAHALEN CONGRATULATES MS SHEENA WILSON
WITH HER CIVIL AIR PATROL MEMBERSHIP DOCUMENTS
LT COL LYNCH AND COL KOEBER OFFER CONGRATULATIONS**

Col Cahalen and Lt Col Lynch urge every Montana Wing member to contact their State Senator and their State Representative and urge them to join the Montana State Legislative Squadron. With fifty State Senators, one-hundred State Representative and lots of state elected/appointed officials there is opportunity for growth

- Col Cahalen and Lt Col Lynch met with Governor Schweitzer and members of his staff in February for wide ranging talks about the role of CAP in Montana and inclusion of Montana Wing in the state budget. The Governor has agreed to include annual state funding for Montana Wing beginning with the 2013 budget, subject to the approval of the State Legislature. Later that day Col Cahalen and Lt Col Lynch met with Montana State Adjutant General Brigadier General John Walsh for similar, and equally productive, talks

- On 8 February, the Montana Wing senior leadership briefed Governor Brian Schweitzer on the Civil Air Patrol's Cadet Protection Policy as the recent spate of child abuse scandals was much on the Governor's mind. Governor Schweitzer was pleased to hear CAP was one of the first organizations to implement fingerprinting and a background check for all adult members of the organization. He commended CAP and Montana Wing for the attention paid to protecting our youth members

- At a future date Montana Wing Commander Colonel Herb Cahalen and Wing Vice-Commander Chuck Lynch will meet with the commanders of the Rocky Mountain Region, North Central Region and the North Dakota Wing to discuss the details and ramifications of the budget process for state funding for CAP activities.

- Montana CAP member deploys to Afghanistan. Governor Schweitzer, Adjutant General Walsh, friends and family bid farewell on 29 February to 60 Montana Army National Guard soldiers of Detachment 1, Bravo Company, 189th Aviation Brigade as six Chinook helicopters took off from the Army Aviation Support Facility at Helena Regional Airport. They will join 60 soldiers from Nevada for training at Fort Hood, Texas before deploying to Afghanistan. On one of the helicopters is 1st Lt. Mark Thompson, the group's commander who, in addition to his military duties, was formerly Deputy Commander for Cadets of the Lewis & Clark Composite Squadron in Helena. We wish him and his troops a safe journey, thank them for their service to our nation, and look forward to their safe return at the end of their deployment

- The U.S. Air Force Services Agency officials recently announced three Air Force teen summer camps for 2012. The annual camps are designed to help youth build leadership skills and aspire to aerospace careers.

-The Teen Aviation Camp will be June 2-7 at the Air Force Academy in Colorado Springs, Colo., and is designed to give youth an experience that will help them decide if aviation or the academy is a career choice.

-The Teen Leadership Camp will be July 8-13 at the University of Texas at San Antonio. This camp will give youth a glimpse of university life while developing their leadership skills.

-The Space Camp will be July 22-27 at the US Space and Rocket Center in Huntsville, Ala. The camp allows youth to experience space shuttle mission simulations, a tour of the space center and experience astronaut life.

Applicants must be a dependent of an active duty Air Force member living on an Air Force or joint installation or a dependent of an Air National Guardsman, reservist, retiree or civilian. Applicants must be entering their sophomore or junior year this fall for the aviation or leadership camp. Space camp is open to ages 12-18. Teens interested in applying must complete a nomination registration form and submit it to the youth program by April 2. Selectees will be notified by April 20. Attendees will only be responsible for transportation costs; all lodging, meals and program costs will be at no charge to participants. For more information about each camp or on Air Force youth programs, visit www.afyouthprograms.com



Well, maybe not infinity but as close to outer space as Lieutenant-Colonel Kaye Ebelt, Montana Wing Director Aerospace Education, and her Big Sky Density Flyers team is likely to get.

The “Big Sky Density Flyers” are a team of five science teachers from western Montana who went to the NASA’s Johnson Space Flight Center in Houston, Texas from 5-11 February to participate in the 2012 “Teaching from Space - MicroGravity eXperience”

Ebelt’s 5th Grade science students, who were studying the properties of liquids with different densities, designed a physics experiment - “Liquid Layers in MicroG.” The Big Sky Density Flyers entered the experiment in the NASA competition and were one of seven teams nationwide selected to test their project in a near zero gravity (microgravity) environment.

On Monday, 6 February, the team underwent physiological training in NASA’s hyperbolic chamber. Tuesday they held a final readiness test/review then loaded their equipment onto NASA’s Reduced Gravity Platform, a modified Boeing-727. Wednesday the team was fitted with flight suits and attended safety briefings. Thursday morning started with preflight checks then the aircraft, with Lt Col Ebelt and team member Sandy Murphy aboard, flew a series of 32 parabolas, roller coaster-like climbs and dives over the Gulf of Mexico to produce periods of micro- and hyper gravity. The flight lasted about 1.5 hours. During the brief periods of near zero gravity the teachers conducted their liquid density physics experiment. After landing the afternoon was taken up with debriefings and correlation of their observations of the physics experiment and the flight data. Friday, the 10th, was another iteration of the flight activity this time with team members Jann Clouse and Carol Morgan on board the aircraft. The Big Sky Density flyers returned to Montana over the weekend.

The Big Sky Density Flyers team was joined on the NASA aircraft by the other teams testing their microgravity experiments. There were 28 to 30 people aboard each flight; those testing their experiments and several NASA medical and safety personnel. Photo credit: http://zerog.jsc.nasa.gov/2012_Teaching_From_Space/viewer.cgi



FINAL READINESS TEST/REVIEW OF THE EXPERIMENT



BIG SKY DENSITY FLYERS (IN PINK) AT THE AIRCRAFT



LT COL EBELT AND SANDY MURPHY PREPARE THE EXPERIMENT DURING A PERIOD OF MICROGRAVITY



LT COL EBELT CONDUCTS THE EXPERIMENT WHILE IN A MICROGRAVITY ENVIRONMENT



LT COL EBELT FROLICS DURING A PERIOD OF NEAR ZERO GRAVITY

SQUADRON HIGHLIGHTS

BEARTOOTH COMPOSITE SQUADRON (MT-008, BILLINGS)

(Items submitted by 2d Lt Dana Lariviere, Capt Kipp, clip-art by Capt Kipp)



The morning of Saturday, the 4th of February, Cadet Bryant Beck and Cadet Leilahni Kay, flew their first CAP orientation flight. Taking off from Laurel Airport aboard our Cessna-182 piloted by Major Sage Olsen they soared into the bright blue Montana sky bound for the Yellowtail Dam area. The flight took place in perfect weather, went great and each Cadet got their turn at the aircraft's controls



On 5 February, Cadet Robert Parker and Cadet Jacob Tabor set out on their first CAP orientation flight. Our Cessna-182, piloted by Major Sage Olsen, departed from Laurel Airport and flew to the Columbus area. The cold, clear azure sky over eastern Montana was perfect flying weather. Their aviation adventure was a great success as each Cadet got a turn at the aircraft's controls

- From 14-16 January, four members of the Beartooth Composite Squadron, C/TSgt Eric Mitchell, C/SSgt Sam Bochy, C/SrA Ian Novasio and C/Amn Christian Gamble were in Casper, Wyoming to attend the three-day Noncommissioned Officer Academy hosted by Wyoming Wing at the Casper Armed Forces Reserve Center. All our cadets passed the various tests and all received certificates for their participation. On the same weekend 1Lt Joseph Dompier and 2d Lt Kevin Lariviere attended the "Training Leaders of Cadets" Course also hosted by Wyoming Wing at the Casper Armed Forces Reserve Center to improve their ability to lead cadets and to administer the Cadet Program at the squadron level

- Congratulations on joining CAP and welcome aboard to three new Senior Members: Thomas Sullivan, Michael Getman and Phyllis Johnson. They will be assigned to the Beartooth Composite Squadron's Central Montana Flight in Livingston when it is reactivated

SENIOR MEMBER PROMOTIONS:



Congratulations to Second Lieutenant Fay Smith on her promotion to the rank of First Lieutenant effective 8 February!



Congratulations to Senior Member Philip Schmidt on his promotion to the rank of Second Lieutenant effective 7 February!

CADET PROMOTIONS:



Congratulations to Cadets Bryant Beck and Jacob Tabor on their promotion to the rank of Cadet Airman and receipt of the Curry Award!



MALMSTROM COMPOSITE SQUADRON (MT-012, GREAT FALLS)

(Item Submitted by Lt Col Nolan Teel)

- On 28 February, the Malmstrom Composite Squadron held an informal change-of-command ceremony. Lieutenant-Colonel Nolan Teel took command of the squadron from Major Andrew Treiman. A more formal ceremony will be held sometime in either May or June

BUTTE COMPOSITE SQUADRON (MT-031, BUTTE)

(Item submitted by Lt Col Paul Goedert, clip-art by Capt Kipp)

CADET PROMOTIONS:



Congratulations to Cadets Colin Craze and Dawson Cormier on their promotion to the rank of Cadet Airman and receipt of the Curry Award!

