

Spring 2012

Peaks a d Planes

Official Magazine of the Colorado Wing, Civil Air Patrol



In This Issue:

- ▶ Curry Salute
- ▶ Foothills Rover
- ▶ Colorado Wing's Newest Squadron
- ▶ The Wind Beneath Our "Wing"



- ▶ Colorado Springs Cadets are CyberPatriot Finalists

Commander's Comments

*Col. Earl B. Sherwin, CAP
Commander, Colorado Wing*

Too often we take for granted the training our cadets receive from the leaders and mentors in the squadrons. In December, I was invited to attend a Dining Out at one of our squadrons and I asked my wife to accompany me. We arrived at the appointed place a little early so we began to mingle with the cadets and senior members, that's better known as "grip-pin and grinnin". It wasn't long until I was whisked off to take my place in the



receiving line leaving her in the capable hands of the Wing Chaplain. The festivities commenced with the grog bowl being filled with all the yummy stuff that goes into it, minus the alcohol of course, the meal was served, the guest speakers did their thing, a raffle was held, and all too soon it was over. We retrieved our coats and headed out into the dark, cold night and started for home. We weren't in the car two minutes until my wife began to comment on how impressed she was with the cadets; they were so polite, so well dressed, so well behaved, and acted very mature. I was quick to inform her that the cadets I have come in contact in this wing are all like that. She mentioned her pleasant experience to me a number of times over the following days and weeks; needless to say she is impressed. Before assuming the duties as your wing commander I didn't have an opportunity to visit the squadrons to present awards and to take part in the promotions of our cadets however, in the past several months I have. The cadets of today are the leaders of the future and I am proud to say they are getting the leadership and guidance that will help them to be the best at what they choose to become.

Our cadets are taught the CAP Core Values ~ **Integrity, Volunteer Service, Excellence, and Respect**. They can tell you what they are and what they mean. The values serve as the ethical framework for CAP's service to America. "The meaning and power of the values CAP has chosen: INTEGRITY,

Continued on page 13 . . .

Civil Air Patrol is the civilian auxiliary of the United States Air Force. *Peaks and Planes* is the official publication of the Colorado Wing of the Civil Air Patrol. It is published three times a year by the Colorado Wing Public Affairs Staff. *Peaks and Planes* is published by a private firm which is not associated with the Department of the Air Force or the Civil Air Patrol Corporation. The appearance of advertisements for products and services, as well as supplements and inserts found in this magazine, does not constitute endorsement by the United States Air Force or the Civil Air Patrol Corporation.

Colorado Wing Commander

Col. Earl Sherwin, CAP

Colorado Wing Public Affairs Officer/Editor

Lt. Col. Mike Daniels, CAP

Colorado Wing Asst. Public Affairs Officer/Editor

Maj. Denise Thompson, CAP

Article submissions are always welcome. Please send them in Microsoft Word format to COWG Asst. PAO/Editor Maj. Denise Thompson at denise.thompson@q.com. Attach photos (in jpeg format) to your email and make certain to include full caption information for each one.

Article Submissions- Next Issue Submission Deadline: June 30, 2012

Headquarters

Colorado Wing, Civil Air Patrol

179 E. Hamilton Ave.

Peterson AFB, CO 80914-3103

Phone: 719-556-8280

Fax: 719-556-6186

On the Cover:

BACKGROUND- Formation photo came off U.S. Air Force Thunderbirds web site.

INSET- Colorado Cadet Squadron

CyberPatriot team: (L-R) Cadet 1st Lt.

Thomas Jessop, Cadet Senior Airman

Christopher Ottesen, Cadet Chief Master

Sgt. Kyal Lanum, Cadet Stephen Parish, SM

John Parish, Cadet 2nd Lt. Carlin Idle, Cadet

Senior Master Sgt. Chris Vasquez, Capt. Bill

Blatchley. Photo credit: Jim Lanum.

Colorado Springs Cadet Squadron Prepares for CyberPatriot National Finals

Reprinted from AFA, Edited by Capt. Bill Blatchly, CAP

The CyberPatriot team from the Colorado Springs Cadet Squadron is headed to the Washington, D.C. area March 22 – March 24, 2012, as a finalist in the national championship round of CyberPatriot IV—The National High School Cyber Defense Competition. CyberPatriot is a unique competition geared toward teenagers that replicates real life cyber security situations faced by computer administrators. Created in 2008 by the Air Force Association, CyberPatriot provides students hands-on learning about cyber security while exciting, educating, and motivating them to be the nation’s next cyber defenders.

Led by Capt. Bill Blatchley, this team is one of 12 finalists



(L-R) Cadet 1st Lt. Thomas Jessop, Cadet Senior Airman Christopher Ottesen, Cadet Chief Master Sgt. Kyal Lanum, Cadet Stephen Parish, SM John Parish, Cadet 2nd Lt. Carlin Idle, Cadet Senior Master Sgt. Chris Vasquez, Capt. Bill Blatchley. Photo by Jim Lanum



(L-R) Cadet Senior Master Sgt. Chris Vasquez and Cadet Senior Airman Christopher Ottesen consult the Windows checklist during CyberPatriot Round 3. Photo by Capt. Bill Blatchley

for the competition’s All Service Division. This year’s two-track competition had public, private and home schools registered in the Open Division, while Junior ROTC units and Civil Air Patrol squadrons filled the All Service Division. In all, more than 1,000 teams registered to participate, representing all 50 states, U.S. Department of Defense Dependent Schools in Europe and the Pacific, and Canada.

“Each year this competition draws in very determined students who demonstrate great energy, motivation and excitement in their involvement with CyberPatriot,” said Bernie Skoch, CyberPatriot Commissioner. “We have to congratulate all the students for their hard

Continued on page 11 . . .

Achievements

Congratulations to the Cadets and Senior Members listed below. The Colorado Wing is proud to acknowledge the dedication, determination and hard work these individuals demonstrate by earning these important milestones in the spirit Civil Air Patrol seeks in each of its members.



Gen. Carl A. Spaatz Award

C/Col. Brandon G. Maso, Air Academy Composite Squadron
C/Col. Caitlyn M. Graham, Dakota Ridge Composite Squadron



Gill Robb Wilson Award

Col. Earl Sherwin, Colorado Wing Commander
Maj. Bruno G. Krioussis, Thompson Valley Composite Squadron
Maj. Donald R. Bolles, Mustang Cadet Squadron
Col. Gary H. Tobey, Blacksheep Senior Squadron
Col. R.S. Coleman, Blacksheep Senior Squadron



Gen. Ira C. Eaker Award



Amelia Earhart Award

C/Capt. John H. Harhai, Valkyrie Cadet Squadron



Paul E. Garber Award

Capt. Paul M Anderson, Colorado Wing Headquarters
Lt. Col. Merrill E. Westrope, Pikes Peak Senior Squadron



Gen. Billy Mitchell Award

C/2nd Lt. Trace Kreutzer, North Valley Composite Squadron
C/2nd Lt. Kyle J. Deitz, Thompson Valley Composite Squadron
C/2nd Lt. Michael Czajkowski, Dakota Ridge Comp. Squadron
C/2nd Lt. Joseph D. Levitt, Mustang Cadet Squadron



Grover Loening Award

Maj. Michael A. Tier, Thompson Valley Composite Squadron
Maj. Nathan G. Van Dam, Thompson Valley Comp. Squadron
1st Lt. Crystal Wepman, Group II HQ
Capt. Joshua D. Wepman, Broomfield Composite Squadron
Maj. Zoe L. Falls, Arvada Cadet Squadron

Dakota Ridge Cadet Earns Spaatz Award

By Cadet Michael Czajkowski, CAP
Dakota Ridge Composite Squadron Cadet PAO



On January 14, 2012, Cadet Lt. Col. Caitie Graham of Dakota Ridge Composite Squadron was awarded the most prestigious milestone in the Civil Air Patrol cadet program, Cadet Colonel. Col. Ed Phelka, former Colorado Wing Commander, flew from Chicago to present Graham the Carl A. Spaatz Award #1820. He has been on hand for each of Graham's milestones, and this, the last and most honored achievement, he didn't miss.

Family and friends from across the nation, along with DRCS members watched as Col. Earl Sherwin,

Colorado Wing Commander and Col. Phelka promoted Graham to Cadet Colonel. Three Spaatz cadets also came to the ceremony: Capt. Stephanie Lemlin #1787, Col. Phelka #1172 and Daniel VanderVeiren #1572.

So few cadets have actually achieved this award that less than 1% of cadets reach this last milestone as compared to the Billy Mitchell award, first step in the cadet officer progression with over 60,000 cadets earning 2nd Lt. In the 11 years that DRCS has been as squadron only 3 cadets have ever earned the award and she is the first female of the squadron to receive it. 



Colorado Wing Commander Receives Wilson Award

*By 2nd Lt. Jen Knellinger, CAP
Pikes Peak Squadron PAO*

In early December Col. Earl B. Sherwin, Colorado Wing Commander, received the Gill Robb Wilson Award from friend and special guest, Brigadier General David Patton, former CAP USAF Commander and Executive Director. The highest award for Senior Member professional development, the Wilson award recognizes those who have dedicated themselves to leadership and personal development in the Civil Air Patrol. Also referred to as the Level 5 award, each progressive level requires significant involvement in CAP activities over a period of years, mastery of skills in 23 technical areas, as well as leadership demonstration and training to other senior members.

Following a long and successful career as a United States Air Force NCO with an extraordinary number of awards and military decorations, Col. Sherwin joined Civil Air Patrol in September 1993. He served as Commander for Pikes Peak Senior Squadron for a total of six years. He served as Group 3 Commander for four years, Vice Commander for the Colorado Wing for 8 months and Director of Operations for three years. He is a qualified Level 1 Incident Commander and Senior Observer.

Born in Barnesboro, PA and graduated from Barnesboro High School in 1954, he enlisted in the United States Air Force the same year. Serving over 31 years, he completed Eighth Air Force NCO Leadership School, the SAC NCO Academy and the USAF Senior NCO Academy. He served in chaplain functions at fourteen Air Force Bases in the United States and overseas, attaining the highest enlisted rank in the United States Air Force, Chief Master Sergeant. He also served in District Court as a bailiff in the Juvenile Division and as a clerk in the Criminal Division, retiring in 1998.

Colonel Sherwin's Civil Air Patrol career is also distinguished by a number of awards, including the Distinguished Service Award, National



Pikes Peak Senior Squadron hosted the award ceremony of Col. Earl Sherwin at Garden of the Gods Club in December. Good friend and fellow CAP member Brig. Gen. Dave Patton, left, presented Col. Sherwin the Gil Robb Wilson Award for Level 5 achievement.

Commander's Unit Citation, Commander's Commendation w/one device, Paul E. Garber Award, Grover Loeing Award, Leadership Award, Gen. Chuck Yeager Award, Command Service Ribbon, Red Service w/15 year device, Rescue "Find" Award, Search & Rescue Ribbon, Counterdrug Ribbon, and the Disaster Relief w/Silver V device.

Pikes Peak Senior Squadron hosted a warm reception at Garden of the Gods Club with his high school sweetheart and lovely wife of 57 years, Gail. Visiting from Arizona, General Dave Patton officiated at the event with a number of good friends and Colorado Wing CAP members in attendance. 🇺🇸

Civil Air Patrol Cadet Earns Earhart Award, Marks Squadron Milestone

By 2nd Lt. Joseph Nuvoloni, CAP
Air Academy Composite Squadron PAO



COLORADO SPRINGS, Colo. – A cadet with the Air Academy Cadet Squadron recently joined a rather elite group of young women in southern Colorado.

Cadet Capt. Kathryn Pennington, was awarded the Amelia Earhart Award and promoted to cadet captain at an Aug. 22, 2011 squadron event held at the U.S. Air Force Academy. This promotion marks the second time in AACS history that a female cadet earned the rank of captain.

“We checked with our squadron staff, and was only one other female who has earned the rank of captain with AACS,” said Lt. Col. Bruce Pennington, AACS commander. “There aren’t many female cadets earning this rank at the state or national level either.”

According to Neil Probst, education manager for cadet programs at CAP National Headquarters, only 378 female cadets in the U.S. have earned the Earhart award since 2006, while only 10 have earned the award in Colorado in the past five years, an average of two female cadets per year. There are currently 1,070 cadets in the Colorado Wing.

To earn this award and promotion, Cadet Pennington had to pass comprehensive leadership and aerospace education exams, pass a multi-dimensional physical fitness test and successfully serve in leadership positions within the squadron.

“Working on this award helped me strengthen and improve my leadership style,” Cadet Pennington said. “It was a great opportunity for me to work at improving myself overall.” She said CAP is the foundation on which she’s building her future. “The leadership programs and summer activities have really helped me define my path in life.”

Cadet Pennington is a high school sophomore at



(L-R) Colorado Wing Commander Lt. Col. Earl Sherwin, Cadet Capt. Kathryn Pennington, Anne Whonic, Pikes Peak 99's.

The Classical Academy here and is a member of the basketball, track and cross country teams, lettering in the latter two sports. Looking beyond high school, Cadet Pennington wants to attend the U.S. Air Force Academy and study a field that will prepare her for medical school. “I hope to compete for the few slots available for medical school after graduating from the Air Force Academy.”

Like many young men and women who enter the Academy, she wants to fly, but she doesn’t want to be a career Air Force pilot. “I want to work on both my powered and glider pilot licenses outside the Air Force,” she said. “My long-term vision is to be able to fly myself and other medical professionals to

Continued on page 39 . . .

work, and we look forward to the great amount of enthusiasm they will bring with them to the National Finals Competition in March.”

The All Service Division began with more than 600 teams registered. After two spirited rounds of competition, 40 teams advanced to Round 3. Now, the group has been narrowed to 12, and each team will receive all-expenses-paid trips to the CyberPatriot National Finals Competition at the Gaylord National Hotel and Convention Center in National Harbor, Maryland, where teams will compete face to face and defend virtual networks from a professional aggressor team.

The Colorado Springs team will be joined by two teams each from the Air Force, Army, Navy and Marine Corps Junior ROTC squadrons across the nation. In addition, three other CAP teams from South Dakota, Alabama and Ohio will round out the field of 12 All Service Division teams competing for the Commander In Chief’s trophy.

This is the second year that the Colorado Springs Cadet Squadron team has traveled for the national competition. For the CyberPatriot III competition held during the 2010-2011 school year, the team was among the 12 semi-finalists in the All Service Division that traveled to Orlando, Florida. This year’s competition had the 12 teams going directly to the finals.

Capt. Blatchley said, “The team will draw on our experience from last year to better prepare for the competition. The in-person competitions are much more stressful and difficult for the teams. Since two team members have already been to the national competition, they know what to expect and can fine tune their techniques based on the lessons learned from last year.”

The team has practiced securing a variety of computer systems most every Saturday since September. Capt. Blatchley also prepares scenarios for the team to work against that are similar to what they will encounter in Washington. During these scenarios, he often takes the role of the aggressor team actively attacking the network. Team Captain, Cadet Senior Master Sgt. Chris Vasquez indicated that he does not like it when “Jack” shows up to attack

the systems, but it makes the team stronger.

The CyberPatriot program is not just about securing computer systems and networks. The cadets are provided an excellent opportunity to learn leadership, followership, and teamwork. The team does not have any “super geeks”. Rather, each team member is learning to fulfill their roles and responsibilities for the success of the team. Vasquez added “Over the years, CyberPatriot has sculpted my leadership skills enabling me to lead my team through tough situations like this competition and has given me the opportunity to mentor young cadets so that one day when they take the lead of this team, they will far exceed my expectations.” Vasquez has competed in CyberPatriot II, III, and IV being the team captain the last two years.

Among the goals of the CyberPatriot competition is to develop the next generation of cyber defenders. Several of the cadets from the squadron have expressed interest in pursuing computer and network security as a career. 1st Lt. Grant Idle had this to say about his son, Cadet 2nd Lt. Carlin Idle’s participation on the team, “I am most impressed with what Carlin has learned in a few months on the CSCS CyberPatriot team. It has been an extremely good use of his time, providing real-world life skills and awareness of computer and network vulnerabilities. He is excited about the possible career opportunities this experience could provide.”

Any squadron interested in fielding a team for CyberPatriot V during the 2012-2013 school year should attend the briefing to be held during the Colorado Wing’s annual conference. The briefing can be found under the Aerospace Education track under the “New Aerospace Education Program Updates” session. 



Chaplain's Corner



*Commander's Comments, cont.
from page 1*

VOLUNTEER SERVICE, EXCELLENCE, and RESPECT are easily inferred by all who read them. These words effectively replace dozens of pages of directives, and simply articulate what's right and what's wrong, and form a tool by which conduct is measured. They are the embodiment of how CAP members are expected to treat each other and the people they come in contact with – of man's expectations of fellow man." (Making Core Values Make Sense, Bobbie Tourville). Core Values require that you do the best you can to embody its principles, even, as former Air Force Chief of Staff General Ronald Fogleman said, "When no one else is watching." If you haven't already read it open CAP Pamphlet 50-2 and study it closely, it will make a difference in how you conduct your personal and CAP business.

As a final note, it isn't too early to get geared up for the many activities that will be coming up this spring and summer. Watch for announcements coming to your inbox and on the website. Take advantage of all you can.

Thanks for your hard work and dedication to the best wing in Civil Air Patrol ~ the Colorado Wing! Remember ~ P.R.I.D.E. and Zero Defects. 🛡️

*By Lt. Col. Jeff Williams, CAP
Colorado Wing Chaplain*

Character Development Instructors have been part of the CAP Chaplain Corps since the mid-1990s. The position was created because of the lack of qualified chaplains for teaching the moral leadership component of the CAP Cadet Program.



From the beginning of CAP in World War 2, CAP Cadets have been taught leadership skills. We all know how leaders are developed from the first meeting where cadets learn to follow as part of a group. But leadership is much more than drill and ceremony.

Leadership includes basic knowledge, psychology, motivation, and ethics. The ethical component of the Cadet Program helps budding leaders understand and apply the core values of integrity, volunteer service, respect, and excellence.

In the same way a chaplain is endorsed by an outside agency, the Character Development Instructor is endorsed by his or her local clergy. A CDI must have at least 60 hours of college credit and must have a recommendation from the religious congregation they attend. The recommendation letter says they are active in the congregation, thus learning about ethics and morals, exercising the judgment which CAP Cadets hope to learn. Once a qualified senior member passes Level 1, they can apply for appointment as a CDI.

Although some CDIs are assigned to Groups, the position exists for only one purpose, to prepare and present the required Character Development sessions in a Cadet or Composite Squadron. CDIs assigned to Group or Wing should visit squadrons which lack a chaplain or CDI so to provide the leadership training required by CAPR 52-16.

CDIs are not chaplains, so they do not have the right of confidentiality. This is an important distinction if any CAP member is seeking counseling and advice.

Next time we will discuss the Character Development session. 🛡️

Member Disclosure of Pre-existing Conditions



By Maj. Buddy McCormick, CAP
Director of Safety, Colorado Wing

In my article for the last issue of Peaks and Planes, I briefly discussed the need for members to disclose pre-existing conditions before participation in CAP activities. Since the number of safety mishaps attributed to pre-existing conditions continues to rise, I want to discuss this subject in more detail.

What is a pre-existing condition? The latest revision to CAP Regulation 62-2, *Mishap Reporting and Review*, now includes a specific bodily injury mishap classification of “Pre-existing Conditions” in the definitions section in paragraph 2.b.(9).

Definition: “A pre-existing condition mishap is any mishap where a member’s undisclosed, underlying medical condition results in a mishap, or significantly aggravates the ultimate outcome. This could also be attributed to a member’s failure to follow limitations set for a disclosed medical condition. This includes chronic (e.g., diabetes, asthma) and acute (e.g., knee sprain, concussion)”.

This definition includes *undisclosed* medical conditions that cause or contribute to a mishap. It also includes a “Member’s failure to follow limitations set for a *disclosed* medical condition.”

Pre-existing conditions lead the trend rate of mishaps that *only* the individual member can control. Almost all pre-existing condition mishaps are preventable; however, prevention is possible *only* if individual members disclose pre-existing conditions and appropriate accommodations are made!

CAP members are responsible for being physically *and* mentally prepared before participating in CAP meetings or activities. Any physical or mental condition that might cause, increase the possibility of, or aggravate the outcome of a safety mishap is a pre-existing condition.

The following point was made, recently, by Lt. Col. Don Johanson, Director of Safety for Rocky

Mountain Region:

“We often think of this as the more common pre-existing *injury* versus *condition* that becomes aggravated during a CAP activity. However, a pre-existing condition can be more than an injury when we consider it from a practical standpoint”.

His point is that pre-existing conditions do not have to be physical injuries. When we begin to think in terms of pre-existing *conditions* rather than pre-existing *injuries*, we can begin to consider more situations in which member participation might need to be restricted or limited.

CAP leadership should educate members to be aware of and to make voluntary disclosures about *any* pre-existing condition. This education should address temporary or permanent pre-existing physical *and* mental conditions that may result in a mishap. At the start of all activities, CAP leaders must provide reminders and opportunities for members to disclose pre-existing conditions. These disclosure opportunities should ensure member privacy and confidentiality.

Most members are familiar with cases such as a cadet with a history of ankle injuries wishing to participate in the shuttle run portion of Cadet Physical Fitness Testing. The cadet’s physician may have restricted the cadet from running; however, the cadet participates against the physician’s advice and re-injures the ankle. Voluntary disclosure can prevent this type of mishap by allowing leadership to prevent a cadet from knowingly making a bad decision.

Pre-existing conditions can be permanent or temporary. Temporary conditions may be long term or short term. A case as simple as inadequate rest or low blood sugar resulting from failure to eat before an activity can increase the risk of a safety mishap. Cases such as this can cause distraction,

Continued on page 25 . . .

Colorado Civil Air Patrol Cadet Chosen for Civic Leadership Academy

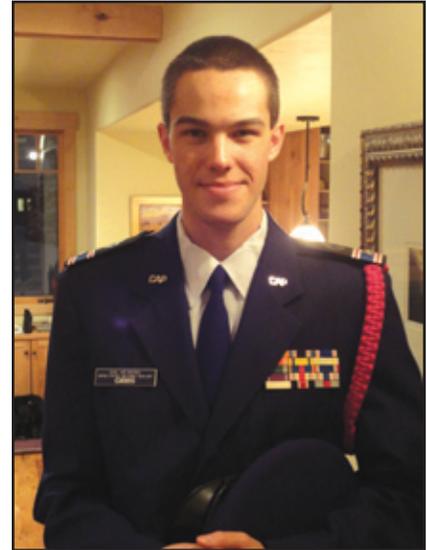
By 2nd Lt. Carrie Gibbs, CAP

Cadet 2nd Lt. Noah Gibbs of the Steamboat Springs Composite Squadron of the Civil Air Patrol has distinguished himself and been selected to participate in the Civic Leadership Academy (CLA) in Washington D.C., February 25 to March 3, 2012.

Cadet 2nd Lt. Gibbs is honored as the only Civil Air Patrol Cadet to be selected from the State of Colorado. The Civil Air Patrol selects top cadets from across the nation to participate in the CLA, an academically intense, interactive study of the democratic process in action.

activity empowers them to apply those principles in their lives and to be thoughtful participants in our nation's future" [Quote from 2011 CAP News Release].

The curriculum includes learning opportunities and experiences at the Capitol, the Supreme Court, the State Department, the CIA, the FBI, the Pentagon, legislative offices, major national monuments and the Air and Space Museum. These learning experiences are complemented by lectures, seminars, assigned readings and reports, including a final project. The project is a presentation for the cadets' peers



Cadet 2nd Lt. Noah Gibbs. Photo by 2nd Lt. Carrie Gibbs, Colorado Wing

“The Civic Leadership Academy provides cadets an unrivaled opportunity to gain a well-rounded understanding of leadership, public service and the principles that guide our nation.”

***- Maj. Gen. Amy S. Courter,
Civil Air Patrol***

“The Civic Leadership Academy provides cadets an unrivaled opportunity to gain a well-rounded understanding of leadership, public service and the principles that guide our nation,” said Maj. Gen. Amy S. Courter, CLA’s founding director and former Cap National Commander. “The

at their home squadrons.

“The success of CLA has been to keep the cadets engaged in activities they could not do on their own,” said Lt. Col. Bill Brockman, CLA activity director and founding faculty member. “They are not just learning about

government, but also how to interact with government, how they can be involved to make a difference, and how to look for internship opportunities” [Quote from 2011 CAP News Release].

Cadet 2nd Lt. Gibbs joined the Civil Air Patrol in 2008 and is looking forward to the opportunities the CLA will provide.

Steamboat Springs Composite Squadron Public Affairs Officer SM Allen Storie contributed to this story. 

Rundquist Masonry, Inc.

970-247-1094

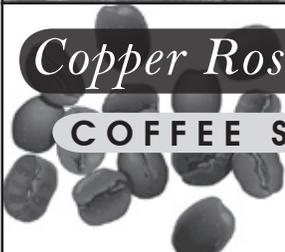
We salute the volunteers of our
Colorado Civil Air Patrol.

Thanks and keep up the good work!

343 Shenandoah Dr.
HESPERUS

Copper Rose Café

COFFEE STOP



381 E. Colorado Dr., Bayfield 970-884-4884

Christiania at Vail

970-476-5641

1-800-530-3999

christiania.com

356 E. Hanson Ranch Rd., Vail

We proudly salute the C.A.P.!

**GREGORY, GOLDEN
& LANDERYOU**

Attorneys at Law

An Association of Professionals

1199 Main Avenue, Suite 213
Durango (970) 247-3123

307 E. Colorado Avenue, Suite 201A
Telluride (907) 723-1185



CORTEZ

**Cortez
Municipal
Airport**

210 E. Main St., Cortez

Phone (970) 565-7458

Russ Machen • Airport Manager

**BELT
SALVAGE & STEEL**

We're just waiting to do business with you

New – Used Steel & Pipe

We buy anything made of metal

P.O. Box 699, Cortez, CO 81321

970-565-3059 • 970-565-3144

Peaks and Planes

Military Appreciation Day

By Lt. Col. Mike McDonald, CAP

January 23, 2012 was Military, Veterans and MIA/POW Appreciation Day at the State Capitol in Denver. Colorado Wing, as part of the Department of Military and Veterans Affairs, participated. Col. Earl Sherwin, Colorado Wing Commander, was introduced at a morning reception hosted by The Adjutant General, Maj. Gen. H. Michael Edwards, and attended by military leaders and legislators. Afterwards the Senate and House opened their daily sessions.



(L-R) 1st Lt. David Pershing, SM Jeff Caldwell, Cadet Chief Master Sgt. Daniel Pershing, Cadet Chief Master Sgt. Bryan Fisher, Cadet Capt. John Harhai, Cadet 2nd Lt. Alex Axford, and Col. Sherwin.

Cadets from Valkyrie Cadet Squadron: Cadet Capt. John Harhai, Cadet 2nd Lt. Alex Ashford, Cadet Chief Master Sgt. Bryan Fisher and Cadet Chief Master Sgt. Daniel Pershing, whose names were entered into the Journal for the record, led the Pledge of Allegiance in the House. The Senate joined the House in its chamber and several joint resolutions were introduced, the first of which, House Joint Resolution 12-1005, mentions Civil Air Patrol. Among the guests in the House were two Tuskegee Airmen from Colorado. In their remarks honoring the military and veterans, several legislators talked about having seen the movie “Redtails” with their children. 🇺🇸

Spring 2012

Passing the Torch

Civil Air Patrol Cadets Receive Flags From Veterans

*By 2nd Lt. Carrie Gibbs, CAP, and SM Allen Storie, CAP
Steamboat Springs Composite Squadron PAO*

On Wednesday January 18, 2012 cadets from the Steamboat Springs Composite Squadron, received flags from American Legion Post 44 and Veterans of Foreign Wars Post 4264 at the Steamboat Springs Community Center.

Squadron Commander, Lt. Col. Jack Dysart and four Cadets accepted the donations of an American and Colorado flag from the American Legion and Veterans of Foreign Wars (VFW). These gifts, which also included cases and flag stands, will enable the cadets to perform Color Guard activities for the community of Steamboat Springs and surrounding areas.

Presenting the flags to the cadets was American Legion Post 44 Commander Buck Buckland and American Legion Honor Guard Member Van Fletcher. American Legionnaire Jim Stanko assisted in coordinating the donations.

While thanking the Legionnaires and VFW members, Lt. Col. Dysart described a revived and thriving Cadet Program, which for the first time in the history of the squadron warranted the need for such flags. Last year the cadets borrowed parade rifles and flags from American Legion and VFW numerous times to perform Color Guard duties for local events such as the Relay for Life



American Legion Post 44 Commander Buck Buckland and American Legion Honor Guard Member Van Fletcher present flags to Cadet Senior Airman Joshua Heald, Cadet 2nd Lt. Noah Gibbs, Cadet Senior Master Sgt. Aidan Gibbs Cadet Airman 1st Class Anthony Sisto.

Cancer Walk, Triple Crown and the USA Pro Cycling Challenge. The cadets also paired with the American Legion for Color Guard duties during a Memorial Day Commemoration and for Veteran's Day.

The Legion has been instrumental in facilitating volunteer opportunities for the cadets. "We thank Jim Stanko, the Legion and the VFW for their support and helping us to be of service to our community," said Cadet 2nd Lt. Noah Gibbs, Cadet Commander. "We hope more people will realize our presence and willingness as volunteers."

The cadets plan to create a Color Guard team and hope to compete with other Civil Air Patrol Squadrons nationwide. Gibbs says, "While Color Guard teaches teamwork and excellence to young people, foremost is patriotism, unity, and the profound appreciation for the people who sacrificed their lives for our freedom. We learn to have a deep respect for the flags for this reason."

Cadets participating in Wednesday's ceremony were Cadet Senior Airman Joshua Heald, Cadet 2nd Lt. Noah Gibbs, Cadet Senior Master Sergeant Aidan Gibbs, and Cadet Airman 1st Class Anthony Sisto. 

Behind the Scenes



By Lt. Col. Robert Beabout, CAP



Colorado Wing has many behind the scenes functions that we take for granted. Those volunteer manned functions don't receive the same attention that saving a life or winning an award does. Yet without them we could not perform CAP's missions. Two that we want to look at today are Wing Finance and Wing Aircraft Maintenance.

An old saying is "It always comes down to money". The Wing Finance team consists of Maj. Doug Greenspan, Maj. Pat Nettleblad, Maj. Tom Benson, Lt. Col. Tom O'Melia, and Lt. Col. Rick Oaks. They meet every Thursday at Buckley AFB, for about five hours to sort receipts, handle reimbursement requests, and record

data for tracking. Sources of income can be from members, from squadrons, from federal funds and from state funds. All of this needs to be sorted out and properly applied. The biggest bill to pay is for aircraft fuel, which runs between \$2,000 and \$10,000 per week, depending on activity. Vehicle fuel averages about \$1,000 per week. Thirty-six individual squadron funds are also tracked and they add up to over \$162,000 of deposits.

Wing Finance is inspected two or three times each year by CAP National Headquarters. Without the devotion of the Wing finance team our ability to respond would be limited.

CAP's unique resource is the airplane. Colorado has sixteen CAP airplanes and two gliders based in this state. Those aircraft require a lot of attention to keep them in a safe flyable condition. If something fails in the air we can't just pull off to the side of the road and call a tow truck. Aircraft have time limited parts replacement and inspections required in order to meet legal airworthiness requirements of the Federal Aviation Administration. Our volunteer aircraft crew chiefs are responsible for monitoring the aircraft status and responding to discrepancies reported by aircrews.

The crew chiefs coordinate aircraft maintenance needs with the Wing Director of Aircraft Maintenance, Capt. Matt Flanders. Capt. Flanders then obtains authorization from National Headquarters, which funds the aircraft maintenance work. Further coordination is then required with the maintenance facility to bring the aircraft in, order parts, etc. Add to that things like updating the Aircraft Information File, providing cleaning supplies, spare oil, and snow shovels and our crew chiefs stay busy.

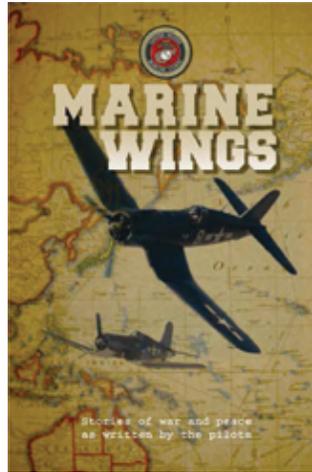
Colorado consistently averages over 200 hours per airplane annual flying on our fleet of aircraft. That will require at least 32 100 hour/annual inspections, 32 additional oil changes, 16 pitot static transponder checks, plus unscheduled maintenance. Devoted crew chiefs want to be sure that each time you climb into a CAP airplane it is going to operate properly.

Wing Finance and Wing Aircraft Maintenance are just two of examples of how we all work together to meet Colorado Wing's goals and public expectations. 

Cover to Cover

Marine Wings

Marine Wings: Stories of War and Peace as Written by the Pilots includes first-hand accounts of Marine aviators and ground personnel who had front row seats in the action. Twenty-three pilots ranking from captain to colonel recount their most memorable flying experiences between the years of 1938 to 1998 involving intercepts of enemy aircraft, close air support of ground troops, bombing, transportation, ordnance, communication, engineering, testing and air/sea rescue. It also shares some of the lighter moments, and mistakes, made during war and between the wars, as well as aviation experiences from civilian occupations. From fabric-covered biplanes to jets that break the sound barrier, these are the guys who set the standards for Marine aerial warfare.



“World War II was the ‘big one’—all out war. And nowhere was there tougher combat than with the Marines in the Pacific. The Marine Air Reserve was there, as well as in later combat in Korea and Vietnam. These are a few of their stories—‘what it was really like’—from 1938 to 1998.”

John Glenn, astronaut, U.S. Senator, Colonel USMC (Ret.)

“Marine Wings is an entertaining and riveting account of Marine flyers. I loved the stories of courage, daring and good time.”

Tom Brokaw, Former Anchor of “NBC Nightly News” and author of *The Greatest Generation*.

To purchase a copy of *Marine Wings* contact DeForest Press, toll-free 877-747-3123

CAP Members call to receive a 20% discount

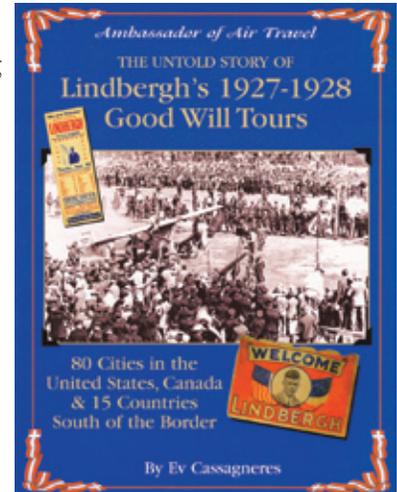
Visit www.DeForestPress.com

Marine Wings, Hardcover, 6x9, 384 pages, ISBN 9781930374256, \$29.95.

Peaks and Planes

The Untold Story of Lindbergh’s 1927-1928 Good Will Tours

The Daniel Guggenheim Fund did a wonderful thing for the advancement of civil aviation and air travel when it arranged and financed Charles Lindbergh’s 1927-1928 Latin American and U.S. Tours. The tours were a remarkable demonstration of the efficiency, dependability and safety of airplanes which were to break through the longtime public apathy and awaken the public, politicians, and business persons to the possibility of air travel.



These unique tours won more converts to the gospel of commercial aviation than any other single event in its history. Lindbergh’s flight tactics followed those of the old barnstormers, but none of those gypsy aviators ever dreamed of the vast crowds that he would draw wherever he landed. Hundreds of towns and cities across the nation requested a visit from Lindbergh. Schoolchildren signed petitions for him to visit their schools and state governors, powerful politicians and businessmen requested his presence.

Author Ev Cassagneres collaborated with Charles Lindbergh to accurately detail and document the history of the world-famous airplane in his earlier work, ***The Untold Story of the Spirit of the St. Louis***. Cassagneres was inspired to bring to light the little-known subsequent adventures of this team of man and machine.

Read all about this fantastic journey in *The Untold Story of Lindbergh’s 1927-1928 Good Will Tours*. *A special offer of 50% off the retail price of \$24.95 has been extended to all CAP members who would like to purchase a copy!* Contact the publisher, Pictorial Histories Publishing Company at www.pictorialhistoriespublishing.com or call 406 549-8488 and let them know you read about the book in the Colorado Civil Air Patrol’s *Peaks & Planes* magazine. 🇺🇸

Spring 2012

Munchies on Mars

By 1st Lt. Mary Cast, CAP
Foothills Cadet Squadron, CO-031

Anyone walking into Foothills Cadet Squadron on a recent aerospace night might wonder what in the world items like graham crackers, Mentos, marshmallows, toothpicks, Smarties, wafer cookies, monster money, gum drops, gummy bears, and frosting could possibly have to do with aerospace or exploration. The answer is everything!

NASA's latest Mars rover, Curiosity, was scheduled to launch in late November of 2011. In anticipation of the launch, Foothills cadets were tasked with creating a Mars "rover." Before they could build a rover, however, the cadets learned a bit about Mars. We discussed its climate, the terrain and soils, and its distance from the Sun. We then compared Mars to Earth by discussing their relative sizes, masses, densities, and periods of rotation and revolution around the Sun. We then speculated why Mars could have had life, what forms it might have had, and why it is important that we learn as much as we can about Mars before sending astronauts to Mars.

No discussion of a journey to Mars would be complete without a bit of astronomical history -- fact and flights of fantasy. First we discussed the historic astronomical observations of Mars -- the early astronomers' drawings and observations. One astronomer in particular,



Explorer Team 2 cadets: Senior Airman Dusten Strock, Senior Airman August Roberts, Master Sgt.. Levi Lockling, Senior Airman Brandon Tellez



Explorer Team 1 cadets are: Airman 1st Class Dakota Strock, Technical Sgt. Zachary Lodge, 1st Lt. Grayson Horn, Airman Ezekiel Williams, Cadet Kyle Miller, Airman Emily Axtell

the nineteenth century Italian astronomer Giovanni Schiaparelli drew Martian maps and named several Martian features including the mares, continents, and several long straight features he called "canali" (channels in English). Although he never claimed these were anything but natural features, the "canali" were translated into English as "canals" and that gave rise to much speculation about "Martians." We then discussed some of the history of "Man versus Mars" including the classic science fiction novels of John Carter (Edgar Rice Burroughs), Robert Heinlein's Podkayne of Mars, and H.G. Wells' War of the World (novella and the later radio play and movies based on that work) and then theorized why of all the planets Mars seems to have captured the attention of so many writers and dramatists.

After the brief trip down memory lane, we then brought the discussion back to current Mars exploration and the rovers that have been sent to Mars. We talked about the similarities and differences between the rovers that were already on Mars (Spirit and Opportunity) and then the current mission. We discussed what kinds of challenges and hazards the rovers faced and why a rover could and would fail and how the current rover was designed and engineered to overcome the difficulties encountered by Spirit and Opportunity.



Explorer Team 3 cadets: Airman Justin Glose, Airman Luis Williams, Technical Sgt. Sarah Keeley, Airman 1st Class Jackson Snyder, Capt. Charles Blome, 2nd Lt. Joel Carberry

Then the cadets were tasked with “spec-ing” out a rover. Not only did they have to spec out a rover, they also had to build it using some rather unusual materials -- the assortment of goodies that were sitting on a table. As a group we made a list of requirements all rovers had to meet -- scientific capabilities, communications and data transfer, power requirements for instrumentation and mobility, collecting tools, insulation and heaters, a way to travel across the surface, and a few others. The cadets then broke into teams to plan and sketch out their rovers and make a list of supplies they would need to construct their rovers. To keep it interesting, the cadets had to choose a name for their “expedition” and explain the function of each item they put on their rover. As each team completed their list, they brought it to the “Construction Materials Officer” (our senior member logistics officer) and waited as their order was filled.

Several minutes later, amid toothpicks, frosting, cookies, and candies, our Mars rovers were completed. Each team discussed their rovers and showed off special features that made their rovers unique. All teams decided to have crew compartments as we did not specify if the mission was manned or not. One even rolled on carefully constructed marshmallow wheels, and without exception, they all had “laser ray” defenses -- just in case those Martians or the Decepticons show up. One cadet said later, “That was the most fun I ever had with an aerospace lesson.” 🇺🇸

confusion, and possibly fainting. However, it is easy to avoid this type of mishap if the member speaks up and lets CAP leadership know that he or she is not feeling well.

High levels of stress can be brought on by family problems, work-related problems, financial problems, and relationship problems. This stress can create distractions that may place a member at risk during certain activities. Members might not consider that stress and fatigue are pre-existing conditions; however, these can affect performance to an extent that can impact safety. Mental priorities need to be on the specific activity and **not** on the distractions! Members affected by stress or fatigue should consider withdrawing from an activity if they believe this to be the safest course of action. Once again, voluntary disclosure of a condition to CAP leadership can help prevent this type of pre-existing condition from impacting safety.

Generally, activity leaders **will not** be aware of pre-existing conditions of the members participating in an activity. For this reason, CAP leaders should always solicit and encourage voluntary disclosure. Although concerns for member privacy and confidentiality are legitimate, these concerns **should not** take precedence over potential enhancements to member safety that is gained by voluntary disclosure. Activity leaders should always solicit and encourage pre-existing condition disclosure in a manner that respects member privacy and confidentiality.

Final Thoughts - The reason for requesting disclosure of medical conditions is **mishap prevention!** CAP leaders cannot prevent mishaps that result from pre-existing conditions if they are not aware of the conditions! Voluntary disclosure provides leaders with the chance to evaluate the impact that those conditions might have. Voluntary disclosures of pre-existing conditions by individual members or voluntary withdrawal from an activity are the **only** ways to prevent this type of mishap. 🇺🇸

Fourth Annual Curry Salute

*By Capt. Ed O'Brien, CAP,
Wing Deputy Historian and Black Sheep
Squadron PAO
Photos by Kim Long*

Denver, CO-On Saturday Dec. 3rd 2011, members of the Colorado Wing gathered at Ft. Logan National Cemetery to pay tribute to Maj. Gen. John F. Curry. In a celebration of the Civil Air Patrol's 70th anniversary 38 CAP members, cadets, and assorted parents came to pay tribute to our past and salute our future.

Our past is located at the grave of Maj. Gen. John F. Curry. Our future is the fifteen cadet airmen who received their Curry Award in this place of eternal rest and undying homage. The Curry Award is the first achievement a cadet earns in their CAP career.

Maj. Gen. Curry was the Civil Air Patrol's first National Commander and he created wings in every state. He was known to his friends as "Jack." Jack built 214 Air Corps bases, auxiliary fields, bombing ranges, and depots during WWII. He also trained over 1.2 million men for combat in all theaters of war. As a retired General, Jack Curry, helped bring the Air Force Academy to Colorado in 1958. He was more than CAP's first National Commander, he was an indispensable pivot point of military planning, building, execution, and history from 1916 through 1946. His accomplishments are scattered throughout our history and both our history and his accomplishments were honored on this day.

Capt. David King provided the invocation. Cadet 2nd Lt. Patrick Neff piped "Amazing Grace." Wing Heritage



Capt. Ed O'Brien receives a handshake of appreciation as 1st Lt. Mary Cast and MSgt. Cynthia Smith look on. Lt. Col. Gary Tobey brushes snow from another cadet.



Cadet Lt. Patrick Neff begins the ceremony - piping Amazing Grace.

Officer Capt. Ed O'Brien provided a biographic synopsis of the good General. And, members: MSgt. Cynthia Smith, E.J. Bennett, and 1st Lt. Mary Cast - performed honors and tributes.

And so, these new Curry cadets were introduced by name to the General and Mrs. Curry. Salutes were presented at graveside with parents and friends looking on in silent attention. The Cadet's salutes were accepted in the name of the Patrol and the Curry Family by Col. Gary Tobey, Lt. Col. Gary Falls, and Maj. Thomas Scheffel.

As Maj. Scheffel stated; "... this is a thing that won't mean as much today to these cadets as it will when they are our age. Then it will mean so very much to them. So very much!"

Though the temperature was in the low twenties and the snow was falling at over an inch per hour, after the ceremony was dismissed, all participants lingered at the grave site to bask in a good deed done, take a few commemorative pictures, and appreciate a heartfelt mission into memory accomplished.

Capt. O'Brien concluded: "the snowy conditions brought an intimacy to the ceremony this year. This was our warmest Curry Salute and Awards Ceremony, no matter the weather."

After the ceremony was done Col. Tobey called the last remaining first generation relative of General Curry, daughter Sheila. She is in delicate health at age 86 and resides in Southern California. Col. Tobey reports; "Sheila was most pleased and thanks all of us in the Colorado Wing for remembering her Dad and mother."

How can any of us forget Gen. Curry? Why would any of us forget his 4th Annual Salute and Awards Ceremony? After-all, it was so warm. 🇺🇸

Wreaths Across America 2012

By Maj. Denise Thompson, CAP
Colorado Wing Assistant PAO

The 2012 Wreaths Across America started with a kick off ceremony that took place December 5 at the Colorado State Building. Colorado Governor John Hickenlooper was guest of honor. Broomfield Composite squadron provided the color guard, bugler and vocalist. The VFW, American Legion and United Veterans Committee were also invited.

The official ceremony was held Saturday, December 10th throughout the country simultaneously. In Grand Junction, Thunder Mountain Composite Squadron Color Guard shared in the posting of the colors and the wreath laying ceremony. Several senior members assisted by laying wreaths on all headstones in the Western Colorado Veterans Cemetery.



Thunder Mountain Composite Squadron; (L-R) Cadet Airman 1st Class Sienna Watkins, Cadet Technical Sgt. Shamron Willison, Cadet Senior Airman Rachel Baber, Cadet Senior Airman Tony Cavalier

For more information regarding Wreaths Across America please visit: www.wreathscrossamerica.org.



Broomfield Composite Squadron and Governor John Hickenlooper. (L-R) Cadet 2nd Lt. Dustin Reetz, Cadet Chief Master Sgt. Mathew Jones, Cadet Senior Master Sgt. Scott Sowell, Cadet SSgt. Anna Gilmer, Gov. John Hickenlooper, Cadet Chief Master Sgt. Brianna Larkin, Cadet Chief Master Sgt. Tony Mastroianna, Cadet Master Sgt. Ryan Brodie, Cadet Senior Master Sgt. Josh Christian, Cadet Airman Melissa Hutsell. Photo by Mark Broste.

San Juan Travels to Air Show

*By Capt. Jeff Bynum, CAP
San Juan Cadet Squadron CC*

Six members of San Juan Composite Squadron, based in Durango, CO, drove to Las Vegas NV, for the Aviation Nation Open House at Nellis AFB, Nov. 12-13, 2011. The air show was free to the public both Saturday and Sunday. The attendees are shuttled from the Las Vegas Motor Speedway parking into the base by tour bus.

The two-day event depicted the history of American aviation and saluted the recent accomplishments of America's military in operations around the globe through numerous military and civilian ground displays. The show opened with the Air Force parachute jumpers flying the American flag as the National Anthem played.

There were hundreds of vendors, civilian and armed forces aircraft static displays and various flight demonstrations. The B-1, B-2 and B-52 bombers, C-17, C-130 cargo aircraft, AT6 Warthog, and F-4 Phantom only name a few. The Air Force Thunderbirds were center stage with eight F-16 Fighting Falcons. This was the last show of the 2011 season. They traveled throughout the US, Canada and Europe performing close to 70 shows. Capt. Jeff Bynum, Squadron Commander said, "It was a small group, but well worth the drive. We are already planning to attend next year."

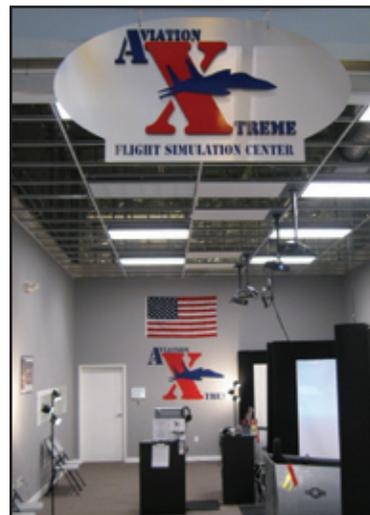
For more information regarding the 2012 show:
www.nellis.af.mil/aviationnation
www.thunderbirds.airforce.com 

Colorado Civil Air Patrol Special Invitation



Aviation Xtreme is offering a **10% Discount** with CAP ID for all COWG cadets and senior members. They have Aerial Combat Tournaments Tuesdays and Fridays at 7 PM with the winner receiving a gift certificate for one hour of flight time. Aviation Xtreme is challenging all COWG cadet squadrons to select their best

cadet pilots to fly against each other as part of a scheduled weekend tournament with a weekend date to be announced. Also, FAA Licensed CAP pilots get 1 free hour per year to use their civilian simulator as a procedures trainer and for instrument approach practice. Not applicable on weekends. Aviation Xtreme is located in the Colorado Mills Mall, Lakewood, CO. PH 303-590-1603 www.aviationxtreme.com



Colorado Wing's Newest Squadron

By Master Sgt. Cynthia Smith, CAP

What a difference a few months can make in the life of a child. Only six months ago, 1st Lt. Cathy Laliberte, 2nd Lt. Jerry Kauffman and I began implementing a plan to bring a school squadron to life. Now RMR-CO-803, Adams County Cadet Squadron, has 31 members and is participating in community service events, emergency services and various training opportunities like powered and glider orientation flights.

North Valley Composite Squadron had sent a color guard to the Adams 27J School District "State of the District" meeting in Brighton in 2011. The School Board was so impressed with the military bearing and professionalism of the color guard team that they asked the cadets to explain more about Civil Air Patrol (CAP). They were amazed at what the program offered to youth. The School Board approached Cathy Laliberte, a CAP member at North Valley Composite Squadron and an employee of Adams 27J School District, to ask about the feasibility of starting a school squadron.



Cadet Airman Curtis Reisenauer, one of the newest cadets from RMR-CO-183, staffs a CAP information table at Wings Over the Rockies Museum. Valkyrie Cadet Squadron, which meets at the museum, assists with Open Cockpit Day every second Saturday of the month.

1st Lt. Laliberte obtained the materials provided by CAP National Headquarters and discovered that starting a school squadron can be both simple

Continued on page 33 . . .



Cadet Advisors from North Valley Composite Squadron and new Cadets from Adams County Cadet Squadron, RMR-CO-803, recite the Cadet Oath in formation at their first Awards Ceremony. Eighteen cadets were awarded their Curry ribbon and Cadet Airman rank.

CAF Avenger

By Capt. Rob Duncan, Col. CAF

Aviation is full of acronyms and all of you know the first one, some of you will recognize the second, but very few will know the last. While the Civil Air Patrol (CAP) operates the largest fleet of single engine piston aircraft in the world, sadly we all know they are also one of the best kept secrets to the general population. Meanwhile the Commemorative Air Force (CAF) vies for also being a big secret with the world's largest private air force. The CAF changed their name from "Confederate" in 2001 while keeping the CAF abbreviation. This decision was based on both political correctness to acquire more corporate donations, plus not having to repaint a lot of buildings and aircraft.

The CAF began in 1957 with the \$2500 acquisition of a North American P-51 Mustang that still flies today as "Red Nose". Soon afterwards, a Grumman F8F Bearcat was purchased so that two founding CAF members could dogfight using the two best propeller-driven aircraft that served during WWII. While making these purchases, they found that nearly all WWII vintage aircraft were already being melted down for the price of their aluminum skins. Nobody, including the US government, were concerned with preserving any of the remaining few flying artifacts that were so crucial in winning WWII. So they found a few like-minded friends and began a quest of saving at least one of each aircraft type flown by US servicemen from 1939-1945. The collection now "almost" completed, along with a few other significant aircraft flown by both Allied and Axis powers. The collection also now encompasses some Korean and Vietnam conflict aircraft

The Confederate Air Force was so named due to the Texan drawl of the founders, and they decided they would all members have the honorary rank of Colonel - just so nobody would need to salute. The collection quickly outgrew the original small crop-dusting airport, and moved to Harlingen, Texas in 1968. In 1991 they moved again to Midland, Texas. Now they own and operate over 150 vintage warbird aircraft all of which are assigned among the 70 small local units in 27 states and four countries abroad. There are almost 8,000 CAF members, including a cadet program for those between 12 and 18 years of age. An all-volunteer flying museum organization, the CAF volunteer's only payment is seeing the faces of the general public who get a chance to view these special and rare aircraft up close and personal. Unlike most museums, the CAF takes its exhibits on the road to airshows across the country and encourages visitors to actually touch and sometimes fly in them, rather than collecting dust in a building with a rope separating them from the public.



This rare sight of four TBM Avengers flying in formation is captured by © Phil Makanna at the 2000 Thunder Over Michigan airshow in Ypsilanti, MI. The annual event highlights a different aircraft type each year. This picture shows a rainbow of authentic paint schemes. The "RR" on the upper TBM denotes Torpedo Squadron VT-88 flown from the USS Yorktown (CV-10) and typical Pacific Theater tri-color paint scheme. The next lower TBM sports the grey hues used by those used for North Atlantic anti-submarine patrols in support of convoys to Europe. TBMs were highly successful in this role by sinking 53 German submarines during WWII. In fact our own TBM "309" continued in this role, flying as part of the Royal Canadian Navy until 1958. The upwards pointing arrow on the tail of our TBM 309 denotes a TBM assigned to VT-84, also known as the "Wolf Gang" squadron, aboard the USS Bunker Hill, (CV-17). This squadron was the first to attack Tokyo harbor on February 16 & 17, 1945 and the colorful yellow cowling was adopted to enhance identification as "friendly" when returning to the fleet from their raid because the fleet was constantly being harassed by similar looking Japanese kamikaze aircraft. The bottom aircraft in the "stack" belongs to the Cavanaugh Flight Museum in Galveston, TX and its deep blue paint scheme depicts a TBM flown by Marine Torpedo Squadron 132 from the U.S.S. Cape Gloucester (CVE-109) during World War II.

"What – did you say actually fly in them? Who, me?" – yes! Due to their non-standard airworthiness certification, it used to be that only CAF members were allowed to fly in these rare warbirds, but that has always included CAF Cadets. However about 15 years ago, the CAF acquired a letter of authorization from the FAA which allowed the public to have a "Living History Flight Experience" where they could pay to take ride. Prices vary, but are usually according to aircraft fuel burn, number of seats available, the flight given, and the uniqueness of the aircraft. Expect to pay top dollar when arranging a flight on "FiFi" the only flying B-29 Super Fortress in the world, substantially less

for other aircraft. Note that some WWII aircraft only have one seat, so no passenger flights are ever possible.

“What about the pilot – how does one get THAT seat?” - is a common question I hear about flying the more uncommon CAF aircraft, like the TBM Avenger. There are obvious FAA requirements to be met. And just like the CAP, there are CAF requirement minimums as well as seen in the CAF 60-2 Regulations. These vary from 200 PIC hours for small Liaison aircraft to 1500 PIC hours for big bombers and 2000 PIC hours for fighters. In most cases, you need to demonstrate a lot of tailwheel ability which understandable because you are flying an irreplaceable piece of history.

“What about the TBM?” – glad you were paying attention! For this article, “TBM” is the US Navy’s designation for Torpedo Bomber, built by General Motors, as licensed by Grumman Aircraft. It is identical to those built by the Grumman designers, but in Navy parlance those would be called “TBF” as the last letter designates the manufacturer and F= Grumman (go figure). This aircraft is also known as the “Avenger” as it was released immediately following, and was supposed to Avenge, the Pearl Harbor attack in 1941. It is the largest single-engine airplane flown during WWII at 18,500 lbs and uses a Wright Double Cyclone R-2600 engine with 1900 HP engine. This is the same aircraft type as President George H.W. Bush flew when he was shot down (twice), and five aircraft of the same type was given notoriety when they were lost in the Bermuda Triangle during 1945.

The Avenger was the first multi-role aircraft used by the US Navy, flew from carriers while dropping bombs, torpedoes, mines, sonar-buoys, and depth charges. It was the first long ranging carrier based scout with search radar and could remain aloft for over 12 hours when fitted with extra fuel tanks. Its military career continued until 1962, then those that remained were converted to fire fighters and tankers that dropped slurry or sprayed insecticides and fertilizers. There are about a dozen that remain flyable today. The one I fly is owned by the CAF and maintained at the Rocky Mountain Wing, CAF museum and hangar in Grand Junction, Colorado. It has been flying from there for twenty years and attends about twelve airshows in the near western USA each year, plus the BIG show each October when the HQ buys the gas for everybody to come “home” and reenact WWII aerial battles with the authentic aircraft.

I have been volunteering my time and skills for over 25 years in the CAF – while only 20 in the CAP. As a simple CAF member, I have flown in several warbirds. Can I say “most fun ever while remaining dressed” here? But one of the easiest handling aircraft has been the TBM Avenger. Once the initial PIC requirement are met, CAF uses the same training techniques as was used by our armed services during WWII, but with a twist. To become TBM CAF

qualified, you need to pass their fighter check ride from the back seat of a North American T-6/SNJ trainer. Since the TBM is over 12,500 lbs, a type rating is required, but there are no dual controls. So my first flight at the TBM controls on December 7, 2006 was for the FAA examiner who chose to remain on the ground and observed by slow flight, turns, stalls, and three landings through his binoculars. I can attest to the saying that if you can handle a T-6/SNJ well, you can then fly almost anything. The long oleo landing gear struts that were designed to absorb carrier deck landings smooth out almost any ker-plunk landing. The huge, slotted, 54 foot wing and similar power-to-weight ratio allows the pilot to use single-engine Cessna speed numbers for all regimens except for cruise. The biggest difference when you taxi up to the fuel pump. Three internal fuel tanks hold 345 gallons of 100LL which will keep the TBM aloft for about 5 hours and 825 nm with no reserve at a half throttle setting of 27 inches MP and 1700 RPM. The hydraulic folding wings is another feature not found on Cessnas, and they sometimes come in handy when being marshaled between tight spots. Yes, we have some additional hand signals which marshals need to know and use.

This aircraft is supported financially solely by donations. CAF volunteers do all the work, and big airplane mean big amounts of work. The normal wearing parts (tires, brakes, engine parts, etc.) are not hard to find, but their prices have gone up astronomically. So we normally ask a small donation of a dollar or two to walk up the stairs and over the wing to see the pilot’s cockpit and rear turret gunner’s positions, fully restored including WWII radios. A radio operator crew members sat in the fuselage operating many radios including radar and sonar. A CAF docent is always on hand to answer any questions or fill in some of the many surprising details not mentioned here. Uniformed CAF senior and cadets are not charged for such tours. We also offer rides as mentioned previously, with varying prices, but expect to pay in the \$400-\$500 range for :30 minutes of unmatched fun. Modern avionics, including GPS, also provide the 1940’s background music for the full experience. For more information about our unit, see www.RockyMountainWingCAF.org or the Mile High CAF Wing in Boulder. Websites have CAF membership information about how we fly our volunteer members to each airshow during the season.

The TBM Avenger will be at the Boulder Airport Open House and 1940’s Hangar Dance June 16, the Rocky Mountain Metro Airshow August 24-26, and the Grand Junction airshow (with the Blue Angels) on September 22-23. I am looking forward to seeing you there. If you have strong interest in preserving these historic warbirds, the CAF is certainly the place to spend some time to help us “Keep ‘em flying, Lest we forget”... 

and daunting. The process includes recruiting at least three adult and 17 or more students to become members, completing a charter request form and sending in the \$20 charter fee. Sounds easy... The difficulty is providing the CAP and military expertise to the school squadron. She asked another North Valley Composite Squadron member, then SM Jerry Kauffman, to become an advisor because of his experience with the Army. Both Cathy and Jerry have sons in CAP. She also asked me, as a retired Air Force NCO and long time member of CAP to become an advisor to the new unit.

When we met at that first planning meeting, none of us were absolutely sure our plan would work. But we knew the Cadet Program is a good, strong leadership program with lots to offer America's youth. We planned our approach and set a date that we would have an open house a week prior to beginning class instruction. Cadets from North Valley Composite Squadron helped staff information tables at several Brighton middle and high schools during back to school days. Cadet 1st Lt. Chad Laliberte, Cadet 2nd Lt. Trace Kreutzer, and Cadet Staff Sgt. Trevor Cornett became advisors to the unit.

Seeing the uniformed Civil Air Patrol cadets at the information tables and receiving brochures about CAP's program seemed to work. We had enough traffic and interest in the program to make us hopeful for the open house, but we never imagined we would draw three adults and 23 students that first day! We were able to start the charter process and begin instruction in October 2011. We knew we would become "803" because two other school units had been tried and failed prior to our attempt. National helped to select the name of the unit which began as Adams 27J and evolved into Adams County Cadet Squadron.

On November 29th, our new unit held its first Awards Ceremony. Colonel Earl Sherwin, Colorado Wing Commander, presented the Unit Charter to Joan Root, a Jobs Counselor in Adams 27J School District and one of the founding senior members. Joan Root, parents Debbie Sena and Bonnie Seader were inducted into CAP that evening. Of the original 23 students, 18 cadets received their Curry promotion and ribbon. Three members, Cadet Airman Christian Gonzales, Cadet Airman Nathaniel Archuleta and

Cadet Airman Connor Roth were able to participate in the Curry Tribute on December 3rd as a result of their achievements.

In addition to learning drill, leadership, character development, safety and CAP culture, the cadets were also given instruction in shoe polishing and uniform ironing at a Saturday training day. Parents helped supervise and sew on nametags and flags on newly acquired blues and BDUs. This activity helped five unit members prepare for the Winter Kansas encampment: Cadet Airman 1st Class Christian Gonzales, Cadet Airman Dillon Hartley, Cadet Airman Dustin Hartley, Cadet Airman 1st Class Samuel Larkins, and Cadet Airman Jacob Riley.

We used the Curry promotion board process to select the cadet command team for the fledgling unit. It just so happened that three members we selected had already signed up for that encampment which was a sign that those with the aptitude and interest in leading rise to the top in CAP! Cadet Airman 1st Class Christian Gonzales was selected as Cadet Commander, Cadet Airman Brianna Lima became the Executive Officer, Cadet Airman Dillon Hartley and Cadet Airman Dustin Hartley (twins) became Alpha and Bravo Flight Commanders, and Cadet Airman Stephen Boyd became 1st Sgt.

The challenge of any CAP unit is retention. In a school unit there is the additional issue of turnover as school semesters come and go and students move from middle to high school. Cadet Airman Lima was not able to continue and her position was filled by Cadet Airman Caleb Strand. Cadet Airman Boyd moved out of the school district, so his position was filled by Cadet Airman Emma Brown. As the Cadet Staff comes together as a leadership group, the unit is coming together in drill and esprit de corps.

The change in these young people in just these few short months has been an amazing transformation... one that makes me proud to be a CAP member. 1st Lt. Cathy Laliberte has become the Squadron Commander of RMR-CO-803. She, 2nd Lt. Kauffman and I encourage senior members Wing-wide to consider the value that a school squadron, or a Cadet/Composite squadron, would add to your communities. Think about developing a CAP presence in your area. The experience will be life changing for both you and the youth you lead. 

Pikes Peak Senior Squadron Earns Yeager Awards

By 2nd Lt. Jen Knellinger, CAP
Pikes Peak Squadron PAO



Several members of Pikes Peak Senior Squadron received their Yeager awards at the monthly meeting on January 6, 2012, from Major “Mick” Micheletti, the class instructor and Wing Aerospace Education Officer. Taught at the Penrose House of Colorado Springs in the Fall, members attending and receiving their citations included 2nd Lt. Kent Waterman, 1st Lt. Dean Harder, Capt. Charlie Summers, Capt. Bill Adams, 2nd Lt. Keith Watson, 2nd Lt. Jen Knellinger, Maj. Rick Koon, Lt. Col. Matt Dzialo, and training officer, 1st Lt. Gene Schermerhorn. 🇺🇸

Pueblo Eagles

By Capt. Joe Thorn, CAP
Squadron Commander

On January 26, 2012, the Pueblo Eagles Composite Squadron was asked to do a coat check for the annual Pueblo Chamber of Commerce dinner. Over 400 guests attended the event held at the downtown Pueblo Convention Center. The Squadron has been volunteering to do coat check for the Chamber for many years. Nine Cadets and two Senior Members were happy to assist the ladies on with their coats at the end of the evening, which resulted in many smiles and compliments on how well mannered the young men were. Squadron Commander, Capt. Joe Thorn, expressed his wish that every cadet “help a lady that evening”. When the cadets saw how well the gesture was received; they got in each other’s way helping the ladies put on their coats. 🇺🇸



Colorado Wing Hosts SLS

By 2nd Lt. Jen Knellinger, CAP
Pikes Peak Senior Squadron PAO

One of the largest Squadron Leadership School (SLS) classes was held January 7th and 8th, 2012 at Peterson Air Force Base in Colorado Springs. Wing leadership including Col. Earl Sherwin, Lt. Col. Dave Novotny, Lt. Col. Jay Miles and others welcomed the group. Seminar leaders, Capt. Mark Hudgins and Capt. Stefanie Hudgins organized the weekend and shepherded the group from all over the State in squadron organizational mechanics as well as ethics and leadership discussions. Volunteer instructors included Maj. Dave Micheletti, Lt. Col. Jeff Mueller, 2nd Lt. Mary Cast and Capt. Mark Hudgins. 🇺🇸



The Wind Beneath Our Things

The Colorado CAP Foundation at Work

By Capt. Ed O'Brien, CAP



There are thousands of meetings every year in the Colorado Wing. None is quite like this...

“Give’em a hundred.”
“We are not doing that!”
“Give her \$150!”
“\$150 it is!!!”
“Agreed?”
“Agreed!”
“Agreed!”
“Yes, All Right.”
“Next”

In a more than cozy conference room at the office of Gary Tobey’s Law Firm, the Colorado CAP Foundation Board gives away money. Today there is around \$15,000.00 in grants of \$100 to \$500.00 each for every imaginable thing from encampment scholarships to equipment purchases. Money for a squadron flag, an air ticket to a national training academy, flight lessons, on and on.

A letter of appreciation from Wing Vice Commander Dave Novotny is read. A somber cry for help from a laid off mother to aid her daughter with uniform items comes next. Sorting out needs from wants. Making the case for each. The conversations and considerations accelerate - like merry-go-round turned up to the speed of a tilt-a-whirl.

There is something of auctioneering, electioneering, and even engineering in this process of giving. The act of philanthropy is an art form and these Board Members are steadfast followers of that form.

One hundred requests great and small. Some based on need. Some on merit. All wrestled to the ground through considerations with a final decision based on doing the most good for the most deserving.

In many CAP functions we analyze and study “til death do us part.” - Here the board members move and groove. Begging. Trading. Berating. Bidding. Consoling.

The conversations are lively, high paced, with energy that rises and falls – tilts and tumbles.

One cadet with five brothers and sisters, a father on relief, needs money for this summer’s encampment. “You bet!” “Done” “Good”; says former National Commander, Gen. Jay Bobick. Agreed! Agreed. Next...

It is worth noting that the men and women at this table are volunteers too. Most have been CAP members for decades. Some are still active. Some are retired. All are serving. All are giving. All love the Colorado Wing.

“I’ve got a hundred letters to write. Anybody wanna help?” Board President and former Valkyrie Squadron Commander Courtney Walsh pleads. All requests, even those turned down will receive a letter explaining the Board’s verdict.

Besides providing an economic lubricant to the Wing – Board members serve as behind the scenes guidance counselors. With these gifts and scholarships this board and these people are molding and shaping

our wing in majestic ways. Validating. Vindicating. Encouraging. There is nuance here. There is subtlety too. This is about dreams and leaders not just dollars and cents.

As a separate 501(c)(3) charity, the Foundation oversees contributions it receives directly and as part of the Colorado Wing's inheritance. The memorial funds in the names of Nathan Baum, Bill Hines, Chaney King, Eddie Mehlin, Gary McPherson, and Mel Irvine. Past aviation supporters and luminaries of this Wing who've bequeathed money or had friends give in their names. All of these fine contributors are resting their "Trusts" upon this board.

In a three-hour free-for-all prizefight the winners and losers are declared afterwards the skirmishers move to dinner. There is nothing here but goodwill, in its truest and simplest form - GOOD WILL. What money can do to refine those little two words evidences itself in every animated deliberation.

Roughly estimated: 75% of the applicants were granted 75% of the money they requested. Some received all. Some received half. Each decision had its reasons.

"We are ecstatic"; states Board President Walsh. "Some years we receive only 20 to 30 requests. This year we got 100 (applications). Our Website brought us some extra visibility. But, obviously there is greater need too."

The CAP Foundation Board Members are Courtney Walsh, former Wing Commander Jack Buschmann, former Wing and National Commander Jay Bobick, long-time state legislator and aviation supporter Lewis Entz, former Liaison Officer Bill Payne, long- and hard-working veteran supporter Ken Melcher, original Tuskegee Airman Buck Newsum, former Military Affairs CAP State Director Patti Sampers, and former Wing and Region Commander Gary Tobey.

There is no better or longer serving group connected to this Wing. The next time you see any of these Board Members – Thank them. The next time you see them - Praise them.

Their service while not well known, and which cannot be termed as either silent or even quiet is none-the-less... momentous. From behind the scenes – They are the Wind Beneath Our Things.

For more information regarding the foundation:

<http://coloradocapfoundation.org/>



countries that need medical care but may not have access to it."

Presenting the Earhart award to Cadet Pennington were Col. Earl Sherwin, Colorado Wing commander, Lt. Col. David Novotny, Colorado Wing vice commander, and Anne Whonic, member chair for the Pikes Peak Chapter of The Ninety-Nines, the international organization of women pilots.

Whonic, who holds her private pilot license, remarked after the promotion ceremony that she was pleased to see young ladies getting involved in flying and hoped that organizations such as CAP encouraged more to get interested. Cadet Pennington is in the process of joining The Ninety-Nines. "It fits well with my passion for flying, and becoming a member is a way for me to honor Amelia Earhart." Earhart was the first president of The Ninety-Nines when it was formed more than 80 years ago.

About The Ninety-Nines, Inc.

The Ninety-Nines, the international organization of women pilots, was established in 1929 by noted aviator Amelia Earhart and other licensed women pilots. When the organization was created, 99 of the 117 licensed women pilots at the time became charter members. The mission of The Ninety-Nines is to promote advancement of aviation through education, scholarships, and mutual support while honoring its unique history and sharing women's passion for flight. For more information on The Ninety-Nines, visit www.ninety-nines.org.

About Air Academy Composite Squadron

The Air Academy Composite Squadron, located at the U.S. Air Force Academy, currently has 136 members who are actively involved in the three missions of CAP – Emergency Services, Aerospace Education and Cadet Programs. Almost 100 cadets participate in the cadet program, and nearly 40 senior members lead the cadet program, deliver aerospace education through the glider program, and participate in search and rescue training. For more information on the Air Academy Composite Squadron, visit www.aacs.us.



Civil Air Patrol Cadets Give the Gift of Community Service

By 2nd Lt. Joseph Nuvolini, CAP
AACs PAO

COLORADO SPRINGS, Colo. – ‘Tis the season for giving, the cadets from Civil Air Patrol’s Air Academy Composite Squadron say, “Mission accomplished.”

The cadets earned money to buy presents for preschoolers by selling concessions at Air Force Academy football games, and on December 14th, 2012, presented 26 Monroe Elementary School children in Colorado Springs with brand new dolls and toy trucks. The children squealed with joy and their faces lit up with smiles, said Assistant Principal Evelyn Campbell. “The kids got a gift that was special to them, and we are so grateful for the CAP members in taking time out of their schedule to support our students. It just feels good.”

On hand for the gift-giving were Cadet Capt. Kathryn Pennington, Cadet Capt. Cody Draeger, Capt. Stewart McQuillan and parent volunteer Monica Pennington. The idea for the community outreach project came from Capt. Pennington, a sophomore at The Classical Academy. As cadet commander, she oversees 97 young people whose CAP mission includes helping educate children about aerospace and embodying military values such as responsibility and honor.

In another volunteer effort, 45 AACs cadets directed traffic for some 10,000 guests who attended 2011’s Best Christmas Ever. Sponsored by America’s Family, the all-day event took place December 20th at Mr. Biggs Family Fun Center and is aimed at helping working families provide Christmas for their kids, said Executive Director Natalie Igou.

Over 2,000 vehicles arrived for the event. Igou thinks traffic is best handled by a single group in uniform. She appreciates the CAP cadets, she said, because of their “ability to go through the hierarchy and answer to commanding officers.”

Each child in attendance received a gift to open on Christmas morning that is both age and gender-



Members of Air Academy Composite Squadron visit with Monroe Elementary preschool students after making a surprise visit with early Christmas presents. Representing the squadron at the December outing were Capt. Stewart McQuillan (left), Cadet Capt. Cody Draeger and Cadet Capt. Kathryn Pennington. Photo by Monica Pennington

appropriate, had a chance to play at Mr. Biggs and took home a dinner. “Having the kids take their wrapped presents home is to give them the element of surprise,” she said.

America’s Family is a non-profit organization dedicated to providing educational and economic tools to help families work their way from poverty to self sufficiency. Founded by Steve Bigori, owner of Mr. Biggs Family Fun Center, America’s Family provides loans and financial counseling for the working poor, Igou said.

“The preschoolers will remember the gift-giving occasion and so will the CAP cadets,” said Pennington. And the drivers of the more than 2,000 cars that attended the Best Christmas Ever thanked the young people in BDUs waving them along, just as they did last year. The cadets are learning to appreciate what these families are going through, said Pennington. She thinks it’s definitely a win-win proposition. 

“AUXILIARY OF THE UNITED STATES AIR FORCE”

WHAT DOES IT MEAN?

WHEN ARE WE, WHEN ARE WE NOT?

*By Capt. Sam Turner, CAP
COWG Recruitment and Retention Officer*

Some years ago when I first began giving presentations/speeches in the capacity of Wing Recruitment and Retention Officer, I admittedly, had a little trouble explaining clearly to my audiences (1) just exactly what “Auxiliary of the United States Air Force” means, and (2) which missions we act in the capacity of the Air Force’s auxiliary and which ones we do not.

The publication that best helped me sort this out was Air Force Instruction (AFI) 10-2701, and I encourage everyone to review it.

For those of you who are unclear about the correct answers to the above, I have set-out below, for the sake of convenience and brevity, seven paragraphs (or portions thereof) of AFI 10-2701. In addition to answering the questions, it provides a review of what we do and what is expected of us - from an Air Force perspective. Please note that I have **boldfaced** and *italicized* important words and phrases.

AF10-2701:

1.2. CAP Status as an Auxiliary of the Air Force. Title 10, USC section 9442 identifies CAP *as an auxiliary of the Air Force* when carrying out a mission *assigned by the Secretary of the Air Force* to provide services to *any department or agency in any branch of the Federal government*, including the Air Force. CAP is deemed to be an instrumentality of the United States while carrying out missions assigned by the Secretary.

GENERAL OVERVIEW AND RESPONSIBILITIES

The Civil Air Patrol (CAP) is a Federally chartered non-profit corporation that *may be utilized as a civilian volunteer auxiliary of the Air Force*. The Secretary of the Air Force (SECAF) can employ the services of CAP in lieu of or to supplement Air Force resources to fulfill the non-combat programs and missions of the Air Force. Such services may include Air Force-assigned missions (AFAMs) in support of homeland security operations, consequence management, support to civilian law enforcement, and other civil support. Certain CAP cadet and aerospace educational programs may also be approved and assigned as Air Force non-combat missions. When performing Air Force-assigned programs and missions, CAP assets function as *an auxiliary of the Air Force*.

Continued . . .

- 1.1. Capabilities.** CAP conducts three primary programs: emergency services and civil support, aerospace education, and a cadet program. CAP may conduct emergency service and civil support activities as a *corporation* or *when carrying out a mission or when approved and as assigned by the SECAF (or the designee), as an auxiliary of the Air Force*. As a general rule, Aerospace Education and Cadet Program activities are not AFAMs.
- 1.1.1. Emergency Services and Civil Support.** CAP maintains the capability to meet Air Force requirements to assist Federal, state, and local agencies and non-governmental organizations during routine and emergency situations. This capability includes aircraft, vehicles, communications equipment and *a force of trained volunteers*. The emergency services program of CAP is the primary mechanism by which CAP supports the Air Force in accomplishing Air Force non-combat missions. CAP also maintains the capability to respond to requests from non-governmental organizations (NGOs), state, and local authorities in its capacity as a *corporation*.
- 1.1.2. Aerospace Education.** CAP conducts aerospace education programs – similar to Air Force “air and space” programs – for both adult and cadet members (Internal), and the general public (External) with the purpose of educating the public on the value and importance of aviation and maintaining aerospace supremacy.
- 1.1.3. Cadet Program.** The CAP cadet program originated in World War II when CAP was established as a preparatory program for the Army-Air Force Aviation Cadet Program. The CAP cadet program motivates American youth to become responsible citizens through aviation-centered activities that emphasize aerospace education, leadership skills, physical fitness, and values education while simultaneously providing services to the Air Force and the local community, state, and nation. The CAP cadet program provides support to the Air Force by introducing American youth to opportunities and careers in the Air Force and providing a drug demand reduction program to Air Force Installations near CAP cadet squadrons.
- 2.4. Use of CAP by Air Force Commanders.** CAP is *a cost effective force multiplier*. Air Force commanders are encouraged to request that CAP conduct missions that are within CAP’s capability to perform. Commanders must ensure funds are available to reimburse CAP for requested services before the mission is approved. 

Colorado Wing's Newest Glider Pilot

By Capt. Glen Peters, CAP

Parker Cadet Squadron Commander

Parker, CO- Cadet Capt. Chase Peters is the newest glider pilot in the Colorado Wing. He received his glider pilot rating December 11, 2011.

He made his first solo flight at the age the of 14 and now has over 100 hours. Peters credits the help and dedication of Maj. Carl Kiel and Lt. Col. Jer Eberhard with his success at earning his glider wings at 16.

Cadet Capt. Peters next goal is a glider commercial & instructor rating and begins powered flight lessons in March. He plans to be dual rated by the time he graduates high school in 2014.

If you are looking for an active, well rounded cadet, you need look no further than Chase Peters. He has earned many Emergency Services qualifications including ground team, radio communications, and emergency locator. He has attended many national cadet specialty schools; National Search & Rescue School, National Honor Guard Academy and Wilderness Survival School among them. Cadet Capt. Peters is passionate about Aerospace Education. He goes to many different schools to talk about CAP and the programs it offers. In 2011 he was awarded the Frank G. Brewer Aerospace Award, given to CAP members who have made outstanding contributions to the advancement of youth in aerospace activities. He also earned the CAP Achievement Award by building his squadron a recruiting booth.

Peters is currently Cadet Deputy Commander for Parker Cadet Squadron. His father, Capt. Glen Peters, is Commander. "As his commander I am very proud to have a cadet who is so outgoing and truly believes in leading by example. As a father I see him as well grounded, he not only knows what he wants out of life but is going after it. I see in him the desire to teach and share with others what he has learned and find myself extremely proud of him."

Cadet Peters indeed knows where he wants to go. He wants to attend the Air Force Academy and fly fighter jets. He has taken advantage of every opportunity CAP has to offer and is a fine example for cadets and seniors alike. 🇺🇸



Cadet Capt. Chase Peters is ceremoniously doused with water upon completion of the Glider Pilot rating. Photo By Capt. Glen Peters

Jeffco Senior Squadron Trains with Proficiency Flight

By Maj. Trevor Millward, CAP

On January 21, 2012, three members of Jeffco Senior Squadron flew a proficiency flight from Rocky Mountain Metro Airport to Pueblo Memorial Airport. They included Mission Scanner/Observer training. Proficiency flights are designed to prepare crews to fly Air Force missions, and though routine flight procedures can be practiced, the majority of a proficiency flight must be focused on training. For example, crews flying the visual search mission profile can conduct pattern work with multiple touch and go landings. Proficiency flights can be an Air Force assigned mission authorized by the State Director. 🇺🇸



(L-R) Capt. Todd Gamber, Maj. Trevor Millward, 2nd Lt. Katherine Mikevich

Colorado Wing Enhances School's Aviation Week

By Cadet Master Sgt. Joshua Christian, CAP

Photos by Maj. Denise Thompson, Colorado Wing Assistant PAO

Grand Junction, Colo.—A glider, a hover craft and paper airplanes were all a part of Aviation Immersion Week, January 17-20, 2012 at Messiah Lutheran School in Grand Junction, Colorado. Principle Neal Kaspar met Colorado Wing Chaplain, Col. Jeffery Williams, at a conference last year and an idea was born.

Messiah Lutheran School has about one hundred students Kindergarten through eighth grade. Each year the school has an “Immersion Week” that included communications and other career topics. At the conference Mr. Kaspar and Chaplain Williams had a lively discussion about aviation, CAP Aerospace Education and the school.

On Tuesday, January 17th Wing External Aerospace



Thunder Mountain Composite Squadron members assemble the glider for static display.

Education Officer Capt. Gail Jergensen began the week with classes in aerospace science. His assistant, Cadet Master Sgt. Joshua Christian, helped wherever he was needed. He received a lot of ooo's and ahhh's when he got a spinning gyroscope to balance on a string.



A very excited kindergartener gets a ride on the hovercraft pushed by Capt. Gail Jergensen and Cadet Master Sgt. Christian.

Thunder Mountain Composite Squadron brought their squadron glider, Senior members and eighth graders put the glider together for a static display. Every student got to sit in the cockpit. Though only on display for 24 hours, it was a hit!

Rocketry was a large portion of the week's endeavors. This was the most enjoyable activity. The younger classes built and launched water rockets with 1st Lt. Rene Jones and 1st Lt. Kristine McGovern, while Capt. Jergensen and Cadet Master Sgt. Christian built and launched paper rockets with the upper grade levels. If

the rockets were well built, they climbed to an impressive height. If not, they made an equally impressive storm of confetti.

On Wednesday Col. Williams traveled from the front range to present Forces Upon Flight and Design Control. Each day a different class went on a tour of the Commemorative Air Force hangar, the Thunder Mountain CAP hangar and West Star Aviation. The tours were by classes, third and fourth, fifth and sixth, seventh and eighth.



Kindergarten Teacher Karen Skoog enjoyed her ride on the hovercraft.

On Thursday Group IV Commander, Maj. Rick Peterson, talked to the classes about NASA and space. Maj. Peterson is a former Air Force member who spent time at the Johnson Space Center in Houston, TX. Capt. Jergensen and Cadet Master Sgt. Christian spent most of Thursday building a hovercraft.

On Friday the hover craft was flown by the entire school. This was powered by a leaf blower positioned in a pre cut hole. The hovercraft showed considerable lifting power as it flew Christian and a student with ease. Teachers and CAP seniors also enjoyed a flight across the gym floor.

The school toured the local National Weather Service office and Grand Junction Regional Airport facilities.

“This week was a huge success!” Neal Kaspar exclaimed. “Our kids had a wonderful time this week; they enjoyed everything we did.” Capt. Jergensen was just as enthusiastic “this week was so much fun; we have really had a good time sharing aerospace education with this school. These kids were great!”.

The Aerospace Immersion week was a tremendous success for the school and Colorado Wing CAP. The students had many hands-on aerospace learning opportunities, and were provided with good exposure to the CAP cadet program.

Local TV coverage:

<http://www.kjct8.com/news/30236142/detail.html> 



Cadet Master Sgt. Joshua Christian delights the fourth grade class by balancing a spinning gyroscope.



Colorado Wing Chaplain Col. Jeffery Williams discusses air pressure to the eighth grade class.

Colorado Springs Cadet Squadron Get's Cool With Science

*By Cadet Chief Master Sgt. Cassandra M. Church, CAP, and Lt. Col. Jeff Mueller, CAP, Colorado Springs Cadet Squadron Commander
Photos by Capt. Bill Blatchley, CAP, Colorado Springs Cadet Squadron Aerospace Education Officer*

On October 15, 2012 Colorado Springs Cadet Squadron (CSCS) attended the annual Cool Science Festival on the campus of the University of Colorado at Colorado Springs (UCCS). The mission of the festival is to show the fun of science, involve all ages, engage in informal learning experiences, grow minds, and enhance the Pikes Peak community. The festival brought in many organizations from across the state with lots of cool science experiments to engage young and old minds alike. Some particular groups that were showcased were the Colorado Springs Utilities with their homemade cloud demonstration, the Colorado



Air Force Academy Cadet Patrick Yoo adds a rocket assist motor to his demonstration glider.



Cadet Chief Master Sgt. Cassie Church is busy at the rocket manufacturing factory.

Springs Fire Department Hazardous Materials team with their truck full of goodies and even a group from UCCS with a fun experiment making ice cream with liquid nitrogen.

CSCS had a booth overlooking the west lawn of the campus. Furthering the Aerospace Education mission, CSCS had an area allowing the kids to make and launch their very own paper rockets! Children of all ages gathered around the table constructing their rocket with colored paper and tape. The launching system was a nifty combination of PVC pipes, a sprinkler valve, an air compressor, and electronic launch buttons. The rockets were loaded onto one of three launch systems charged with air. Once all rockets were in place, they were ready for the countdown. One cadet was in charge of the safety switch while the children got their own launch buttons. When the countdown reached zero, they all pressed their button and off went the rockets, each child hoping his design would go the farthest. During this fun activity, kids learned how to successfully design a



2012 Colorado Wing Conference



The 2012 Colorado Wing Conference will be held at the Sheraton Denver Tech Center on 21 April 2012. The cost for the one day conference, including the awards lunch, is \$50 for adults and \$40 for cadets. Conference will be from 8:00 AM to 6:00 PM. Sign in starts at 7:00 AM

More than 50 sessions will be offered with something for everyone -- cadets and seniors, members new to CAP and those who have belonged for decades. Attending this conferences is an excellent way to meet members from around the state, share ideas, work towards promotion and learn more about the Colorado wing. The Wing Conference is your chance as a CAP member to learn new information and network with other members.

Space is limited -- so register today at the COWG website: <http://www.coloradowingcap.org/ColoradoWingCAP/WingConference/tabid/986/Default.aspx>

Cool With Science cont.

rocket capable of flying. Some learned the hard way when their rocket came apart upon launch while others thanked their cadet partner for the good tips for a great rocket. Most rockets went about 75 feet while the record holder reached out to about 225 feet. This breathtaking experience not only taught kids about aerodynamics and rocket design, it also called upon cadets' knowledge of the aerospace program in CAP. The squadron served almost 500 children at the Festival.



Cadet Chief Master Sgt. Tim Rice (left) and Cadet Senior Airman Chris Ottesen (sitting) help kids load the rockets and ready them for launch for launch.



Cadet Capt. Grant Merrill helps youngsters launch rockets.

Many of the other booths were fun and entertaining and taught kids many different aspects of science. At the end of the day, this event made kids learn all about the cool parts of science!

Colorado Cadet Achieves Olympic Status

By Maj Denise Thompson, CAP
Colorado Wing Assistant PAO

Colorado Springs, CO- Spend just a few minutes talking with Cadet Chief Master Sgt. Chandler Knop, you will hear the drive and focus that has made him a cycling champion. He earned a position on the Team USA Olympic Junior Cycling Team with fellow Junior cyclist Collin Berry of Huntington Beach, CA. Knop has traveled the world going to such places as Columbia, Russia, France and recently Zurich, Switzerland.

Knop applied to the Naval Academy but was put on delayed admission due to his success at cycling. He rides for Team Garmin-Cervelo as part of the

nine man junior team. The type of race he and Berry participate in is called a Madison. It is similar to a relay race, as one teammate passes, the other grabs his arm and slings him around and ahead flying at speeds of 35-40 mph. The downside of reaching the international stage is time away from home. "I missed 146 classes in my senior year of high school. My family has been a huge support behind the scenes." He graduated high school May 2011 and will earn his pilot's license soon.



Chandler Knop, left, and teammate Colin Berry during the 2011 Junior Track World Championships in Moscow, Russia. They placed 7th.



Cadet Chief Master Sgt. Chandler Knop ready for a flight.

Cadet Master Sgt. Knop is a member of the Air Academy Composite Squadron based at the Air Force Academy in Colorado Springs. He joined CAP in 2007 and attended the National Emergency Services Academy (NESA) in 2008. This is where he found that being away from family wasn't easy, he learned responsibility and self reliance during that time. He is especially interested in Emergency Services having earned Mission Scanner and Ground Team Leader. His next CAP goal is to earn the Billy Mitchell award and then "go to the dark side" as a senior member. Form 5 pilot is also on his bucket list.

What does the future hold? "Our Team USA race has been taken out of the 2012 Olympics so I am moving on with my life. I am looking to enlist in the Air Force and become a Pararescueman. My goal is to eventually become an EMT." He may reapply to the Naval Academy..... the sky is the limit for this young man! 🇺🇸