



The Fly-By

A Quarterly Publication of the
Southwest Region
October 2022



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The Fly-By is published quarterly on the first month of each quarter.

Deadline for submissions are:

1Q – 20 December

2Q – 20 March

3Q – 20 June

4Q – 20 September

Text may be submitted in the body of an e-mail (preferred) or as a document attached to an e-mail (a .txt or Word .doc/docx, or, if written in another word processor, saved as an .RTF).

Images in JPG format, un-retouched, un-cropped, and at least 1200 x 900 pixels, sent as attachments, never embedded in the document.

Credits: In all cases, please give full grade, name, and unit of assignment of

- The article's author(s),
- Photographer, and
- Anyone in the article or appearing in photos.

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Send submissions to the Editor at:

awoodgate735@gmail.com

Message size limit: 20 MB. If too big, please send it in two emails.



SWR Commander's Corner

Another hurricane season has proven the concept of One CAP as we have aircrews from Louisiana Wing in Florida conducting WALDO missions. Members from every wing in Southwest Region working the virtual IMT for the mission.

If you remember last year, **eight** name hurricanes hit the region again, giving opportunity for One CAP. Please be safe here at the end of the storm season and check upon your neighbors if weather hits. In unity. 🇺🇸

Col. Martha C. Morris
Southwest Region Commander

Safety is Priority One

Please read the latest issue of The Safety Beacon for timely, seasonal advice at <http://members.gocivilairpatrol.com/safety/>

Have you taken the **Operational Risk Management** Basic, Intermediate and Advanced online courses? Please visit: [CAPSafety | Civil Air Patrol National Headquarters \(gocivilairpatrol.com\)](https://www.gocivilairpatrol.com/safety)

- Safety must be on every CAP member's mind, at all times.
- Before engaging in any CAP activity, a safety briefing must be conducted.
- Don't miss the Safety Specialty Track training posted at [Safety Beacon | Civil Air Patrol National Headquarters \(gocivilairpatrol.com\)](https://www.gocivilairpatrol.com/safety)
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- **Safety is our Number One Priority.**

How to Submit News Items for this Newsletter

▪ **Which Articles Are Best?**

Ideally, articles should deal with a wing-wide event, preferably conducted in conjunction with or coordinated with another wing (or better yet across regions).

Individual articles dealing with a subject that is of interest to a broad audience qualify as well.

Articles bylined by cadets, especially when the subject is of interest to a broad audience, are also welcome.

▪ **Do I Submit Photos?**

Articles with no photos may not be selected for publication. Do not embed images in a Word document. Instead, send in the original, un-retouched, full-size digital photos as attachments.

▪ **If You Have Article Ideas or Suggestions**

If you have an article in mind but are not sure whether it would be acceptable, you need some guidance in writing it, or you would like to comment on the material published here, please feel free to contact the editor: awoodgate735@gmail.com.

Please read the latest issue of The Safety Beacon for timely, seasonal advice at <http://members.gocivilairpatrol.com/safety/> 🇺🇸



Top: Cadet Airman 1st Class Xitlali Vazquez of Deer Valley Composite Squadron in Phoenix flew her first solo on July 13 during the Navy-sponsored CNAF Flight Academy. (Photo: CNAF, U.S. Navy)

Arizona Wing Cadet Soars in U.S. Navy Summer Flight Academy

by Maj. Margot Myers, Arizona Wing

PHOENIX – While some high school students spent their summer break working as lifeguards or hanging out with friends, Cadet Airman 1st Class Xitlali Vazquez of the Arizona Wing took on a more challenging opportunity.

The Deer Valley Composite Squadron cadet completed an intensive eight-week U.S. Navy Summer Flight Academy aviation program at Elizabeth City State University in Elizabeth City, North Carolina.

On July 13, 2022, she flew her first solo flight and went on to complete 68 hours of flying, including a solo cross-country flight. Vazquez completed the flight academy program at the end of July and earned six hours of college credit in the process, but due to weather and some COVID

cases among the students, she ended up 1.3 hours short of the number of solo hours required to take the FAA check ride.

Vazquez was one of 20 high-performing 11th- and 12th-graders – and the only one in CAP – from throughout the country selected for the program, established in 2021 by the commander, Naval Air Forces, to increase diversity in the field of aviation.

Vazquez joined CAP in November 2021. Second Lt. Patrick Sliney, the Deer Valley squadron's deputy commander for cadets, called her "a sharp cadet with excellent customs and courtesies."

CAP is only part of her story. Vazquez also participates in the Navy Junior ROTC program at Greenway High School in Phoenix, which is what led her to the scholarship to pursue her aviation dreams.

On her application for the program, Vazquez was asked to describe a challenge she had overcome.

"She wrote that while her family was supportive of her aviation dreams, a lot of her friends told her this just wasn't attainable," said Lt. Olivia Barrau, CNAF Diversity, Equity, and Inclusion (DEI) operations officer. "That fired her up, and she went after this scholarship program to prove that she could reach her goals."

Consideration for the CNAF program required a strong recommendation from the naval science instructor at her school, outstanding academic achievement, and a demonstration of diverse interests, which Vazquez met through a range of extracurricular activities including Best Buddies, Young Aviators, Youth Alive, and on a more artistic side, the Fashion Club. She also competes in track and field and plays on the badminton team.

"We value team experience and place a lot of value on the whole person and people who are excelling in many areas, because that's an indicator of their potential to perform in an aircraft," said Deborah Croft, CNAF DEI deputy director. "We like to see students who are able to work well with others and have demonstrated success in leadership roles."

The Department of the Navy sponsors the CNAF Flight Academy program for students participating in Navy and Marine Corps Junior ROTC. The program is a new science, technology, engineering, and mathematics (STEM) initiative selected for funding by the Naval STEM Coordination Office – located at the Office of Naval Research – which oversees investments in STEM education, outreach, and workforce initiatives.

"The primary goal of the scholarship program is to expose exceptional minority students to a career path that currently lacks diversity," says Commander Chris Williams, a Navy fighter pilot, instructor, and director of Diversity, Equity, and Inclusion. "These 20 students have what it takes to be leaders in the field of aviation, and the Navy is honored to play a part in their personal and professional journey."

During the eight-week Flight Academy, each student received a minimum of 32 hours of classroom aviation academics and 49 hours of flight training in either a Vulcanair V.10 single-engine aircraft or a Piper Warrior (PA-28). 🇺🇸

Right: Cadet Vazquez was interviewed by several local television stations about her flight academy experience. She's shown here in the hangar at Deer Valley Composite Squadron from an interview with ABC15.





Top: Col. Robert Allison toured the Guatemalan Humanitarian Response Battalion and observed a capabilities demonstration. (All photos: Col. Robert Allison)

Below: Col. Allison briefs the group on the Civil Air Patrol's capabilities during HADR operations

Arkansas Delegation Travel to Guatemala for Disaster Relief Conference

by 1st Lt. Jonathan McIntyre, Arkansas Wing

LITTLE ROCK, Ark. – In 2021, representatives of the Guatemalan Army visited Little Rock, Arkansas, to see how the state responds to natural disasters as part of a Humanitarian Assistance/Disaster Response Conference with the Arkansas National Guard. During the conference, the Guatemalan delegation visited Civil Air Patrol's (CAP) Arkansas Wing headquarters, toured CAP aircraft and received a briefing on how CAP contributes to the state's natural disasters with an emphasis on the 2019 Arkansas River floods.

Thanks to that visit, a delegation from Arkansas was invited to the next Humanitarian Assistance/Disaster Response (HA/DR) Conference, which was held on July 27-29, 2022, in Guatemala City, Guatemala. The Arkansas delegation included three members of the Arkansas Army National Guard (ARANG), two from the Arkansas Department of Emergency Management (ADEM), and one CAP member.





Above: Mr Oscar Cossio CONRED director, greets Col. Robert Allison.

Among the Arkansas delegation was Col. Derald Neugebauer, ARANG Director of Military Support, who briefed on a disaster that could potential affect Arkansas and neighboring states. Col. Neugebauer addressed how Arkansas plans for contingencies with partner agencies such as Civil Air Patrol.

Arkansas Wing Commander Col. Robert Allison, the CAP representative, gave a briefing on the Wing's contribution to Arkansas disaster relief. In addition to the Arkansas River flooding, the Wing used the Waldo imaging system that not only gave real time damage assessment but also showed the definitive track of the tornado that struck Jonesboro, Arkansas, in March 2021. Col. Allison reported that the Guatemalans were amazed at what CAP does with a largely unpaid volunteer force.

This was an unprecedented event and a first for Arkansas Wing. Regularly, cadets get to travel overseas for the International Cadet Exchange Program. However, it is not very often that a CAP senior member travels outside of the United States in support of CAP.

Col. Allison heard briefings from the Guatemalans on how they react to the diverse natural disasters that affect their country yearly, more than occur in Arkansas. He also experienced some of their training programs. Col. Allison said, "There are still many similarities and it's an opportunity to learn from each other, as well as support the Arkansas National Guard's partner nation. Guatemala deals with flooding, earthquakes, hurricanes, and volcanoes on a regular basis."

As Arkansas Wing has progressed by becoming a more involved partner in disaster relief issues around the state, new opportunities for both the ARANG and CAP have arisen from that relationship. During the historic 2019 Arkansas River flooding, CAP members flew nearly twenty disaster assessment missions, gathering information and photographic evidence of the flood's impact on the Ft. Smith and surrounding areas, which allowed the National Guard to use their resources elsewhere. Besides accomplishing more, the National Guard got quality information at a fraction of the cost of using their own aircraft.

This conference was part of the US Southern Command's (USSOUTHCOM) initiative to strengthen relations with Guatemala, improve interoperability, and ensure that Guatemala remains a strong partner within the region. 🇺🇸



Top: Maj. Clarke MacNeace, an instructor pilot and assistant aerospace education officer in the squadron, led portions of the cross-country navigation training. (Photo: Capt. Brett Russo, Arizona Wing)

Willie Composite Squadron Offers Cross Country Navigation Training

by Maj. Margot Myers, Arizona Wing

MESA, Ariz. – From July to September 2022, Willie Composite Squadron held four events using the cross-country navigation STEM (science, technology, engineering, and mathematics) kits offered by Aerospace Education at national headquarters. In all, 90 members participated, including squadron pilots, AE staff, and both current and prospective cadets.

The objective of the event was to educate students on cross-country navigation, chart reading, and course plotting. “This is also a critical part of the Aerospace Education Excellence Award and the Quality Cadet Unit Award,” said Capt. Brett Russo, the squadron’s deputy commander.

Maj. Clarke McNeace is an instructor pilot and an assistant aerospace education officer in the squadron. “We had a great opportunity to teach our cadets the basics of cross-country navigation,” McNeace said. “They worked in pairs to lay out a course between airports using an aircraft navigation map and a protractor. They learned how to use latitude/longitude coordinates to pinpoint a location and the relationship between speed, direction, and time in charting their location on the map. They looked like they enjoyed it, and they learned practical applications of aircraft navigation,” he said.

That observation was confirmed by Cadet Senior Airman Caleb Matsuyoshi. “This was a first for me, but I learned how to use an aircraft map and understand the symbols and the information the maps have about various types of airports,” he said.

“It was a little confusing at first, but the pilots helped us figure out how to get from one airport to another, even though they use GPS technology when they’re flying a plane today. But it was interesting to learn the basics of navigating a plane.”



Left: In four sessions across three months, 90 members of Willie Composite Squadron, along with some prospective members, learned about cross-country navigation. (Photo Capt. Brett Russo)

Below: The cross-country navigation STEM kit includes a Pilot Handbook and Private Pilot Knowledge Test from Gleim Aviation, plus a cross country flight activity guide, New York sectional chart, two E6B flight computers, and two navigational plotters. (Photo: NHQ AE)

Included in the kit are the Pilot Handbook and Private Pilot Knowledge Test from Gleim Aviation, plus a cross country flight activity guide, New York sectional chart, two E6B flight computers, and two navigational plotters.

“These kits are very valuable to cadets’ Aerospace Education learning and will be a great resource for cadets working on Cadet Wings and solo,” said Russo. “This kit will help prepare cadets and other youth for flight planning prior to any orientation flight and/or further flight experience. While working to obtain a private pilot certificate, cadets and students will become familiar with airplane performance, effects of weather, basic VFR sectional charts, chart symbols, and aircraft cruise performance. I encourage other squadrons to get these kits and use them in their AE program.”

Russo noted that the kit is a useful resource for cadets who can borrow it for their flight training. “This is also a great way to get your squadron pilots involved and invested in cadet programs,” Russo said. “Many squadron pilots participated in the learning activities in this kit. It’s also an excellent resource to later offer a mini or expanded ground school,” he said.

Russo organized the training with help from the squadron AE staff, including Maj. Clarke McNeace and 1st Lt. Gary Stark. Additional senior members who participated were Lt. Col. Jason Brookham, Senior Member Derek Cash, Senior Member Bryce Childers, 1st Lt. Gary DeHoff, 1st Lt. Mike Haggerty, Capt. Jim Space, 2nd Lt. Matt Temple, and 1st Lt. Andrew Varnes.

Russo also noted that Cadet 2nd Lt. Kenzie Khiem Nguyen was a major help from the cadet side and assisted with teaching the event. She is currently attending flight school at ATP. 🇺🇸





Top: Lt. Col. Don Roy accepts the Louisiana Wing Chaplain of the Year Award (Photos: 1st Lt. Anne Calvert)

2021 Louisiana Wing Chaplain of the Year is Wing Diversity Officer

by 1st Lt. Anne Calvert, Louisiana Wing

COVINGTON, La. – On July 26, 2022, Chaplain (Lt. Col.) Donald Roy was appointed the Louisiana Wing Diversity Officer. He plans to serve others in Civil Air Patrol by creating a culture

in which all members are encouraged to make their fullest contributions, with no unnecessary barriers to success. Roy is helping Louisiana Wing build a culture based on inclusion of and appreciation for Louisiana's diverse population.

Roy first joined CAP in 1969 and remained as a cadet through 1974, becoming a senior member for two years. He then moved on to Navy aviation, where he became a Radar Intercept Officer (RIO), a backseater whose job is just as important as the pilot's in front. In his Navy career, he did two 9-month deployments to the West Pacific and retired after 30 years of service.

He married Elizabeth in 1979, with whom they have 10 children, all of them homeschooled.

After retiring from the Navy, Roy rejoined CAP when his son Sam decided to join, at which time Roy became the St. Tammany Composite Squadron's Aerospace Education Officer.

Concurrently, he attended the seminary, earning a doctorate in Biblical counseling. His pastoral mission involves traveling. After graduating from the seminary, he became a CAP chaplain. When his son graduated from high school and went to college. Roy stayed in CAP because he enjoys the people, "I really enjoy the cadets. I get to be a chaplain" said Roy, "I enjoy the people I get to work with, and I get to fly as a mission observer."

On April 9, 2021, Roy was selected for the Louisiana Wing Chaplain of the Year award. He keeps active during his retirement, travelling and ministering to people in many diverse communities. 🇺🇸

Below: Lt. Col. Donald Roy prepares for a flight as a mission observer.





Top: A cadet flies the F-35 Lightning II against a Russian MiG fighter jet in the simulator during Operation Red Flag. (Photos: Cadet Senior Master Sgt. Patricia M. Wolford, CAP)

Red Flag Competition Returns in Arizona Wing

by Maj. Kevin Rattey, Arizona Wing

ELOY, Ariz. – On September 24, 2022, cadets from seven Arizona Wing squadrons tested their flight simulator skills in the Cadet Aerial Combat Simulation Competition, known as Operation Red Flag.

After a two-year hiatus because of the COVID-19 pandemic, Operation Red Flag's return brought 32 cadets looking to gain honors as the "Top Shot" at this annual competition. This year, cadets took to the flight simulators to fly an F-35 Lightning II against Russian-made MiG-29 Fulcrum fighters. Competitors worked their way through a bracketing system until the highest scoring cadet made the "Top Shot."

Cadets were required to register in advance and were assigned to either a morning division (Flight A) or an afternoon division (Flight B) to accommodate the large number of participants. A new aspect of this year's competition was air intercept control provided by cadets from the 388th Composite Squadron in Glendale, Arizona.



Above: A cadet from the 388th Composite Squadron works the radar console.

VIPs, parents, and visitors were able to watch the action live on video monitors. In addition, each competitor received a T-shirt and enjoyed a BBQ lunch. Several door prizes were awarded throughout the day.

The Eloy Composite Squadron hosts the event yearly. This year, the event had sponsorship from the Eloy Elementary School District and the First Interstate Bank in Eloy.

Cadet Chief Master Sgt. Joey Buix, from Neotoma Composite Squadron in Tucson won the morning session. Cadet 2nd Lt. Jonathan Cornell, from Willie Composite Squadron in Chandler won the afternoon session. Cornell is a repeat winner from the last competition, held in 2020.

The Eloy Composite Squadron is already planning the Operation Red Flag competition for 2023. 🇺🇸





Left: Arkansas Wing Cadets experience G-Forces on the X-Coaster at Magic Springs in Hot Springs, Ark. (Photo: 1st Lt. Kyle Lutgen)

Below: Cadets make a splash during the Arkansas Wing's G-Forces event. (Photo: 1st Lt Jonathan McIntyre)

Arkansas Wing Explores G-Forces

by 1st Lt. Jonathan McIntyre, Arkansas Wing

HOT SPRINGS, Ark. – The notion of using amusement park rides to teach STEM (science, technology, engineering, and mathematics), to teenagers began with CAP Master Sgt. Gary Podgurski, a member of the 83rd Composite Squadron, Fort Smith. Janice Podgurski, the Ft. Smith Squadron commander, and Arkansas Wing's deputy director of aerospace education, recalls Master Sgt. Podgurski asking her, "How can we tie roller coasters to aerospace education?" She remembers replying, "G-Forces is all about STEM. Do it!"

What began as a project to connect roller coasters to learning culminated in Civil Air Patrol (CAP) Cadets from all over Arkansas and parts of Oklahoma to converge on the Magic Springs Amusement Park on September 24, 2022. The day started with all the cadets and adults (Senior Members)



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mustering in the Magic Springs parking lot to check in and ensure that participants were fed and hydrated prior to entering the park. Arkansas Cadets from Conway, Ft. Smith, Hot Springs, Little Rock, Texarkana, and West Memphis were present. Members from the Gordon Cooper Composite Squadron, Shawnee, Oklahoma, and the Cloverdale School Flight, located in Little Rock, which will soon become Arkansas Wing's newest school squadron, were also present.

After cadets were broken into groups chaperoned by senior members, they headed into the park. The plan was simple; measure g-forces experienced either by using an app on a smart device or by selecting a range of g-forces felt on the ride. The park divides the types of rides they offer as "Thrill Rides," "Family Rides," and "Kids Rides." The cadets could select any ride they wished to ride as a group.

The cadets' favorites were the "X-Coaster" and "Gauntlet," which are the park's more extreme rides. Cadets were also able to cool off and experience g-forces with "Plummet Summit," a water ride that has a short drop and a big splash. Although not every ride was filled with loops and turns, cadets could still compare what forces were felt while on rides such as the Carousel and of course "Fearless Flyers," a merry-go-round style ride with mock biplanes.

First Lt. Kyle Lutgen of the 42nd Composite Squadron, Little Rock, was the senior member in charge of the "G-Forces" activity, but he credits the cadets for making the activity a fun learning experience.

Many of the other senior members who participated in the day's events had similar feelings. Maj. Garrick St. Pierre, Arkansas Wing's director of aerospace education, said that the wing is always looking for ways to get cadets involved in aerospace education, "and this was a fun way to do that, and get cadets to engage in a day of fellowship." Maj. St. Pierre also said that the Cadet Advisory Council had a hand in planning and developing the activity.

Civil Air Patrol's Cadet Programs' philosophy on leadership is to not just let cadets manage or lead an activity, they are also required to plan and execute them. For this "G-Forces" activity, Cadet Lt. Col. Robert Lutgen was responsible for creating an operations plan, a budget, planning, and designed an activity t-shirt. Lutgen is a homeschooler who also takes concurrent classes at Arkansas State University's Beebe campus. 🇺🇸

Below: Cadets at the Arkansas Wing G-Forces event gather for a group photo. (Photo: Master Sgt. Gary Podgurski)





Top: Lt. Col. Pauly works with cadets of St. Tammany Composite squadron completing their spin test. (L-R) Cadet Airman 1st Class Lennox Hodge, Cadet Staff Sergeant Mason Martin, Cadet Master Sergeant Alexis Jones, Lt. Col. Richard Pauly, Cadet Airman 1st Class Andrea Jones, and Cadet Technical Sergeant Cameron Lawes; (Photo: Capt. Dan Oppenheim)

Right: Lt. Col. Richard Pauly and Cadet Airman 1st Class Lennox Hodge prepare to launch her one-stage model rocket; (Photos: 1st Lt. Anne Calvert, unless otherwise noted.)

Louisiana Wing Cadets Launch Rockets

by 1st Lt. Anne Calvert, Louisiana Wing

ABITA SPRINGS, La. – On the morning of September 17, 2022, St. Tammany Composite Squadron cadets and senior members gathered to launch their model rockets.

Cadets began building these rockets in early June 2022, under the direction of retired Air Force Lt. Col. Richard Pauly. To complete the project, Civil Air Patrol cadets and senior members met several times over the summer at the Veterans of Foreign Wars Post 8720, in Abita Springs.





Left: Cadet Staff Sergeant Mason Martin prepares his two-stage model rocket for launch while Cadet Tech. Sergeant Cameron Lawes watches on.

Below: Lt. Col. Pauly prepares a model rocket for launch.

Pauly joined Civil Air Patrol (CAP) in November 2018 as the St. Tammany Composite Squadron Aerospace Education Officer. Following his active duty Air Force and Air Force Reserve time, plus 30 years as an airline pilot for Delta Airlines, he found that he enjoyed pouring his time and energy into the Civil Air Patrol by sharing his experience and knowledge with the cadets.

CAP's Model Rocketry curriculum is an achievement-based program for cadets interested in the science, technology, and flight of model rockets. The program starts with simple alternative-power models, and progressively challenges cadets to construct more advanced model rockets. The program takes cadets through their rocketry knowledge in three stages.

First is the Redstone Stage, which reviews the history of rocketry and its pioneers, such as Robert Goddard and Werner Von Braun. Cadets completed their Goddard Rockets and their air-powered "stomp" rockets on June 4, 2022, having successfully launched them on site.

Second is the Titan Stage, that covers the physical laws that govern objects on the Earth, in the air, and in space above us. Cadets began





by studying the Model Rocket Safety Code, and then completed the hands-on portion of the curriculum which requires them to build a basic beginner-level rocket.

Left: Cadets work on balancing their one-stage rockets for the spin test. (L-R) Cadet Airman 1st Class Lennox Hodge, Cadet Chief Master Sergeant Lillian Pittman, and Cadet Master Sergeant Alexis Jones.

Third is the Saturn Stage, that focuses on trigonometry for altitude tracking, and physics of impulse and thrust associated with solid propellant motors which are typically used in model rocketry. Cadets reviewed the Model Rocket Safety Code and then moved on to build their more advanced two-stage rockets. After completing their model rockets, they balanced their rockets and successfully

performed their spin tests, ensuring that the rockets would be ready for launching.

The rocket launch took place at the St. Tammany Regional Airport. Cadets and senior members arrived early at the airport and proceeded to set up and make ready all equipment to launch their single-stage and two-stage rockets. The blue sky was clear of clouds and the voices of cadets counting down was heard clearly as their rockets launched one after the other.

Participating in this summer project were Cadet Chief Master Sergeant Lillian Pittman, Cadet Master Sergeant Aimee Calvert, Cadet Master Sergeant Alexis Jones, Cadet Technical Sergeant Cameron Lawes, Cadet Staff Sergeant Mason Martin, Cadet Airman 1st Class Lennox Hodge, Cadet Airman 1st Class Andrea Jones, and Cadet Airman Autumn Burkhalter.

With the successful launchings, all cadets had completed the written and performance requirements for each of the 3 Model Rocketry stages and were awarded the Cadet Model Rocketry Badge. 🇺🇸



Top: Children visiting the CAP display at Girls in Aviation Day participated in a model rocket build and launch activity. (Photo: Capt. Nancy Parra-Quinlan)

Falcon Composite Squadron Supported Girls in Aviation Day

by Maj. Margot Myers, Arizona Wing

MESA, Ariz. – On September 24, 2022, members of Falcon Composite Squadron in Mesa participated in Girls in Aviation Day, an event sponsored by Women in Aviation International. The Phoenix WAI chapter invited the squadron to join in the activities at the EAA Warbirds hangar at Falcon Field in Mesa. Capt. Nancy Parra-Quinlan, assistant director of aerospace education for Arizona Wing, was the project officer for the event.

Parra-Quinlan and Staff Sgt. Eugene Alegria, the aerospace education officer at Falcon Composite Squadron, facilitated a model rocket build and launch activity. Capt. John Giddings, a member of the operations team, brought the squadron’s airplane to the EAA Warbirds hangar for a static display.

“The children wanted to build the model rockets and play,” Alegria said. “Adults were very interested because some of them hadn’t heard of CAP before. Most of the people I talked to were either pilots or involved in some way in the aviation industry. I gave them flyers, told them about our squadron, and invited them to come to a meeting.”



Above: Capt. Nancy Parra-Quinlan was the project manager for CAP's participation in Girls in Aviation Day. (Photo by Staff Sgt. Eugene Alegria.)

Alegria, who served in the Marine Corps, has been a CAP member for about a year. "I attended this event last year with my son and that led me to join CAP," he said. Alegria's son is 11 years old and interested in joining CAP when he turns 12.

"The younger generation, regardless of background, gender, or anything else, are all very interested in technology," Alegria said. "It's a shared interest and they're very enthusiastic about that."

"I talked to three high school girls who are working on their private pilot certificates. They have flown simulators and are studying for their written exam but have never been in a small airplane. I suggested that becoming CAP cadets would give them a chance to go on orientation flights and learn more about flying."

During the event, Alegria said he and Parra-Quinlan talked with about 10 adults and 30 children who expressed an interest in learning more about joining CAP. "This was actually cherry-picking in the sense that the attendees were all interested in aviation, so it was a great event for recruiting."

Many of the older children also expressed an interest in military service. Fortunately, Lt. Col. Tim Brown, CAP-USAF Southwest Liaison Region, also supported the event, and was available to talk with visitors about Civil Air Patrol and the Air Force.

WAI is a nonprofit organization that encourages women to pursue aviation and aerospace careers and interests. According to its website, WAI members include astronauts, pilots, maintenance technicians, engineers, air traffic controllers, business owners, educators, journalists, flight attendants, high school and university students, air show performers, and airport managers. 



Top: Front row: (L-R) Cadets 2nd Lts. Giselle El Bechir, Cullen Chaney, and Thomas Watkins, and Louisiana State Senator Franklin Foil. Back row: (L-R) Squadron Commander 1st Lt. Barry Huggihins and Deputy Commander for Cadets 1st Lt. Zach Ogburn. (Photo: Capt. Ken Best)

Three Louisiana Wing Cadets Become New Cadet Officers

by Capt. Ken Best, Louisiana Wing

BATON ROUGE, La. – On July 11, 2022, the Brigadier General Billy Mitchell Award was presented to three Civil Air Patrol (CAP) cadets from the Capitol City Composite Squadron located in Baton Rouge. Earning this distinction marks the transition of enlisted cadets to the cadet officer ranks. Cadets 2nd Lieutenants Thomas Watkins, Cullen Chaney, and Giselle El Bechir were presented their Mitchell Certificates as their promotion was announced. This distinction requires exemplary service to the Civil Air Patrol (CAP) and completion of the numerous educational, community service, and physical training requirements of the cadet program.

The importance of this promotion requires that it be presented by a higher-ranking military officer or an elected or appointed government functionary. In this case, Louisiana State Senator Franklin Foil presented the awards to the new cadet officers at the awards ceremony. Sen. Foil is a thirty-year retired Navy captain who served in the JAG Corps principally as a trial judge. He noted that programs such as this provide participants valuable training and leadership opportunities that will serve the cadets well in their future endeavors.

Mitchell Award recipients who choose to enlist in the US Air Force do so at the advanced grade of E-3, Airman First Class, and the U.S. Armed Services evaluate ROTC and Military Academy applicants favorably if they have earned this achievement. 🇺🇸



Top: Cadet Master Sgt. Jayden Long donated blood for the fourth time while also working at a blood donation center at Falcon Composite Squadron in Mesa, Arizona. (Photos: SM Roxanne Schorbach, CAP)

Operation Pulse Lift Blood Donation Mission Tops 15,000 Units

by Maj. Margot Myers, Arizona Wing

PHOENIX – During a blood donation center event at Joint Base San Antonio (Lackland) on September 10, 2022, a U.S. Air Force basic trainee donated the 15,000th unit of blood in Civil Air Patrol's Operation Pulse Lift mission.

Beginning in April 2017 as a small community service activity in Mesa, Arizona, Operation Pulse Lift was mobilized in April 2020 as the COVID-19 pandemic forced the closure of blood donation centers at schools, churches, businesses, and other community locations. Civil Air Patrol stepped up, offering its squadron buildings as emergency blood donation centers.

The donation at Joint Base San Antonio brought the ongoing humanitarian assistance mission, the largest and longest in CAP's 80-year history, to its fiscal year goal 20 days early. By the end of the day, the total had risen to 15,059 as more basic trainees donated blood, potentially saving more than 45,000 lives.

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Two days earlier, Arizona Wing's Falcon Composite Squadron hosted its 75th blood donation center, collecting 37 units. Falcon is the top-performing squadron in CAP in both number of blood drives and units collected – 2,102.

During the Falcon squadron blood drive, Cadet Master Sgt. Jayden Long donated his fourth unit of blood, a first among CAP cadets. He also served all day on staff for the blood donor center event.

"I became a blood donor to do what I can to help others in need," Long said, adding that he has worked at 11 blood donation events so far.

"The need for lifesaving blood remains critical nationwide," said Lt. Col. Robert Ditch, CAP incident commander for the emergency blood donation mission. "That is why Operation Pulse Lift will continue to support blood donation centers. It's part of our mission to serve our communities and save lives."

Acting as a Total Force partner and official civilian auxiliary of the Air Force, Civil Air Patrol helps First Air Force rapidly respond to non-military threats domestically in a Defense Support of Civil Authorities capacity to save lives, relieve suffering, prevent property damage, and provide humanitarian assistance.

"CAP quite literally is the lifeblood of our nation at times," said Brig. Gen. Richard Dickens, vice commander, Air Forces Northern. "This critical operation performed by auxiliary volunteers to help everyday people exemplifies the spirit of America."

In addition to operating blood donation centers at CAP facilities, the mission has supported blood collection activities through the Armed Services Blood Program at Davis-Monthan Air Force Base and Fort Huachuca in Arizona, Fort Carson and the U.S. Air Force Academy in Colorado, and Dyess Air Force Base and Joint Base San Antonio (Lackland) in Texas.

Operation Pulse Lift began in Arizona and expanded to include multiple locations in Alabama, Colorado, Indiana, Iowa, Kentucky, New Mexico, New York, Oklahoma, Tennessee, Texas, South Carolina, and Virginia. CAP has sponsored 219 emergency blood donation centers to support this humanitarian assistance mission and encouraged members to donate locally if they aren't near an Operation Pulse Lift donation center. In addition, nearly 300 air and ground blood transports have been conducted across Arizona, Kansas, and Texas in support of the mission.

Ditch says that the mission will continue. "I have established a new goal of 16,667 units of blood donated by the end of 2022, potentially saving 50,000 lives, more lives saved than all combined missions in CAP's 80-year history."

Report your blood donations to pulselift@capnhq.gov to add them to the mission total. 🇺🇸



Right: Lt. Col. Bob Ditch is the Operation Pulse Lift incident commander and a frequent blood donor.



Top: Cadet Paxton Ballard prepares for his first orientation flight with the 94th Composite Squadron. (Photos: S. M. Rachel Ballard)

Right: 94th Composite Squadron Cadets practice aircraft ground handling.

Arkansas Wing Pushes to Increase Orientation Flights

by 1st Lt Jonathan McIntyre and S. M. Rachel Ballard, Arkansas Wing

LITTLE ROCK, Ark. – Getting cadets to their first orientation flight is a big milestone in Civil Air Patrol's (CAP) Cadet Programs. Orientation flights help keep cadets active in the organization. Arkansas Wing wanted to increase the number of orientation flights conducted, especially during the latter part of the fiscal year.

As of August 1, 2022, there were 58 Arkansas Wing cadets who did not have an orientation flight. At this article's



deadline that number was reduced to 24. From August 2022 to the end of September 2022, 74 orientation flights had been flown. During fiscal year 2021-2022 the wing flew 147 orientation and relocation flights that represented nearly 130 flight hours.

During this time, there were many firsts, besides those receiving their initial orientation flight. On August 27, 2022, six cadets from the 94th Composite Squadron, Conway, Arkansas, flew their first orientation flights. Many of the Conway cadets said, "It was awesome!" Of the six cadets that flew, three of them had their first orientation flight. Cadet Paxton Ballard exclaimed, "I want to go up again!" The Conway squadron was recently reactivated since it had been deactivated over 20 years ago.

On Aug. 7, 2022, the 95th Composite Squadron, Texarkana, Arkansas, conducted their orientation flights. The squadron recently gained three new cadets, all of whom were able to get their first orientation flight. For Cadet Sarah Gaines, this day happened on her third squadron meeting. She completed her application and got her first orientation flight on the same day.

Besides flying CAP cadets, Arkansas Wing also flew fifty-four flights and a little over 36 hours in support of Air Force Junior ROTC (AFJROTC) from four different schools. The wing has taken the initiative to reach out to schools with AFJROTC and AFROTC units to try to get those cadets access to orientation rides that want them. In total, Arkansas Wing has flown approximately 165 hours and spent \$10,800 during fiscal year 2021-2022, in support of inspiring tomorrow's aviation leaders. 🇺🇸

Right: Cadet Sarah Gaines, a member of the 95th Composite Squadron, takes the controls during her first orientation flight. (Photo: Maj. Ed Goodman)





Left: Cadet Lt. Col. Miskimmin presents cadet opening formation to Squadron Commander Lt. Col. Don DuCote (Photos: 1st Lt. Anne Calvert, Louisiana Wing)

Louisiana Wing Cadet Promoted

by 1st Lt. Anne Calvert, Louisiana Wing

COVINGTON, La. – On September 12, 2022, Louisiana Wing's Tammany Composite Squadron, Civil Air Patrol, presented the General Ira C. Eaker Award

Certificate to Sebastian Garcia Miskimmin of Covington, Louisiana, which carries automatic promotion to Cadet Lieutenant Colonel.

A recent graduate of Covington High School, Miskimmin has served as cadet commander of his squadron since June 2021 and recently completed Cadet Officer School (a National Cadet Special Activity) at Maxwell Air Force Base, Alabama. Besides being the squadron's cadet commander, he has participated in the Southwest Region Cadet Advisory Council.

The Eaker Award marks completion of Phase IV of the CAP Cadet Program, recognizing sustained excellence in all four areas of cadet life: leadership, aerospace education, fitness, and character. Further, to qualify for this honor, cadets must have graduated from an academically intensive CAP leadership academy.

The General Ira C. Eaker Award, the second most prestigious award that a CAP cadet can earn, honors one of the forefathers of an independent Air Force. During WWII, Eaker rose to the grade of lieutenant general and commanded the Eighth Air Force: "The Mighty Eighth" force of strategic bombers.

Miskimmin was accepted to participate in the 2022 CAP National Blue Beret in Oshkosh Wisconsin. While at National Blue Beret, cadets hone their servant leadership skills, including volunteer service to the Experimental Aircraft Association, Inc (EAA) by marshaling aircraft, finding overdue aircraft, helping manage ultralight flightline operations and working with show exhibitors. CAP Cadets experience one of the world's largest airshows, with approximately 650,000 people in attendance and more than 18,684 aircraft operations in the 11-day period from July 21-31. 🇺🇸

Right: (L-R) Capt. Arthur Davies, John Miskimmin, Cadet Lt. Col. Sebastian Miskimmin, and Kimberly Garcia Miskimmin





Top: Cadet Airman Elijah Watson (left) and Cadet Airman Basic Nathanael Watson from Willie Composite Squadron are lined up for takeoff at Phoenix Sky Harbor Airport in the CRJ-200 simulator. (Photos: 1st Lt. Andrew Varnes)

Cadets Take Flight with ASU Aviation

by 1st Lt. Andrew Varnes, Arizona Wing

MESA, Ariz. – On May 13, 2022, thirty-one cadets and 10 senior members from Willie Composite Squadron and Falcon Field Composite Squadron flew simulators at Arizona State University's Polytechnic campus in Mesa. For some, it was their first experience flying, even if they never left the ground.

CAP members were granted access to three different simulators: a high-fidelity mockup of a Beechcraft King Air turboprop, a full-motion "Redbird" Cessna 172 platform (an aircraft that is found in CAP's fleet), and a full-scale Bombardier CRJ-200 flight deck. Cadets received instruction in standard procedures but were also allowed to push the simulated airplanes beyond their limits.



Left: Professor Anthony Wende leads cadets through a tour of ASU's powerplants lab. Pictured is a TF33 engine taken from a KC-135.

Below: Cadet 1st Lt. Teige Trigler, Willie Composite Squadron, had a chance to use the remote-control aircraft simulator at ASU's materials lab.

From greasing a landing in a regional airliner to looping a turboprop, the cadets were able to "fly" at a variety of simulated locations both locally and around the world. Most of them got to experience all three

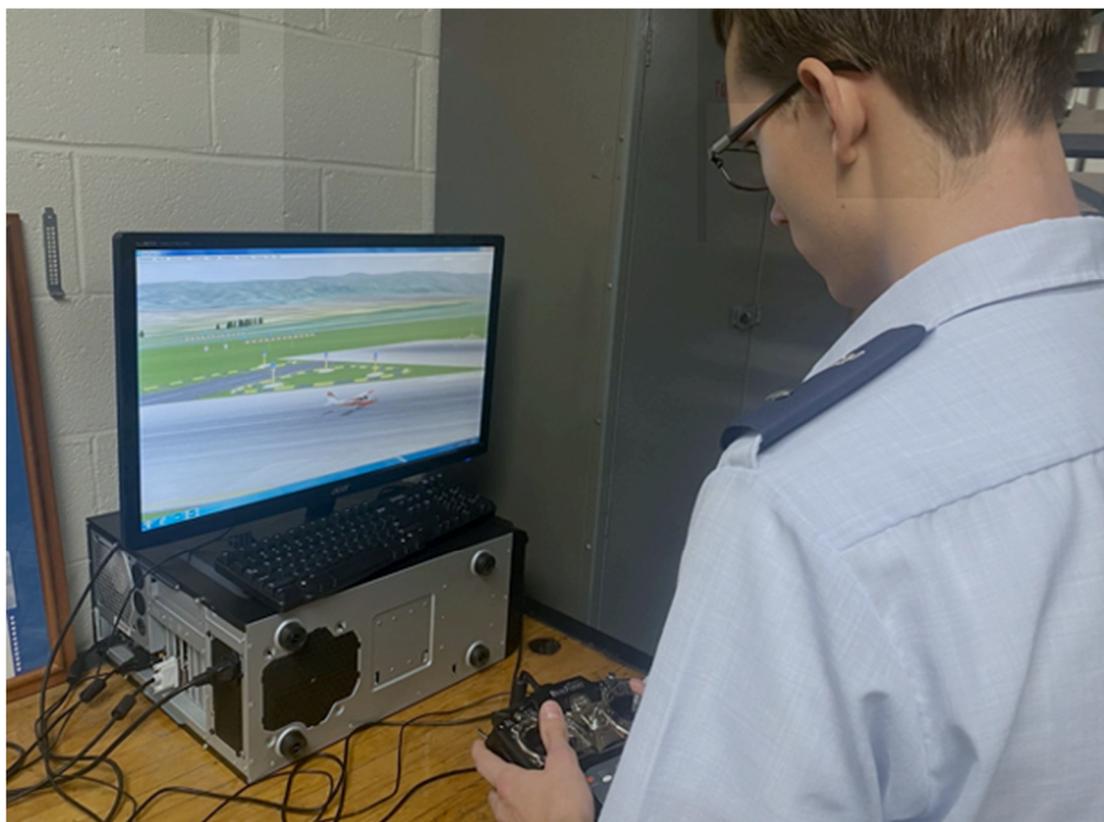
simulators during the event.

Professor Anthony Wende, a lecturer at ASU, former CAP cadet, and former Air Force non-commissioned officer, was primarily responsible for hosting the event. Assisting Wende were Derek Pettorossi, ASU alumnus and SkyWest pilot, and Mike Hampshire, ASU lecturer and former Air Force pilot. All three volunteered after regular working hours to give CAP members a unique flying experience, reflecting their commitment to inspiring the next generation of pilots.

Before the cadets headed to the simulators, Wende led a tour through some of ASU's specialized aviation education facilities. These included the air traffic control training facility, the powerplants lab, complete with a TF33 jet engine, and the materials lab, where students learn about airframe construction by applying hands-on fabrication techniques.

Many of the volunteers on the CAP side were pilots and aircrew themselves and took the opportunity to help mentor and educate the cadets. Among those who volunteered were Senior Member Lisa Ceballos, 1st Lt. Gary DeHoff, 2nd Lt. Dale Hawkins, 2nd Lt. Christina Kim, 1st Lt. Brian Koeneke, Capt. Jim Space, 1st Lt. Gary Stark, 2nd Lt. Matt Temple, 1st Lt. Andrew Varnes, and Senior Member Eryn Watson. The senior members took the opportunity to help educate the cadets while flying alongside them, and perhaps learned a thing or two themselves.

This event was the first time that CAP and ASU had collaborated to have cadets use the simulators. 🇺🇸





Top: Capt. Guillory prepares to pre-flight a CAP Cessna 182 aircraft. (Photo: Capt. Ken Best)

Louisiana Wing Member Capt. Francis Guillory Remembered

by Capt. Ken Best, Louisiana Wing

BATON ROUGE, La. – On July 25, 2022, Capt. Francis Guillory was remembered in a Louisiana Wing ceremony that recognized Civil Air Patrol (CAP) members who perished in the previous year. A former member of CAP's Capital City Composite Squadron, he had passed away earlier in the year in a non-CAP related aviation accident.

Nationally, the names of CAP members who died during the previous year were read aloud in a solemn ceremony on June 11 at the U.S. Air Force Memorial, located between the Pentagon and Arlington National Cemetery, in Virginia.

In addition to Capt. Guillory's remembrance ceremony, on May 19, 2022, a scholarship was awarded in his honor to a student at Most Blessed Sacrament School in Baton Rouge, a private school that teaches grades 1-8. Besides being involved as an usher at the church, this year's award recipient was very active in the Men's Club, a service organization.

The Francis Guillory memorial scholarship will be presented annually and will pay 100% of the awarded student's tuition for a scholastic year at the Most Blessed Sacrament School, in Baton Rouge.

"Francis Guillory was a well-liked and valuable member of our squadron, said 1st Lt. Nickie Grissom, the squadron's emergency services officer. "He and I flew a lot together. We kept each other current for landings and instrument flying." He added, "We always joked about our own and each other's flying capability, but we pushed each other to be the best we could be. We left our egos on the ground when we got in the airplane," he said.

Another of Guillory's squadron members, 2nd Lt. Laurence Corts, remembers him another way. "I was only a CAP member for a short time and a little frustrated. I wanted to be involved in every aspect of CAP," Corts said. "Francis picked up on my impatience and became a mentor for me. He was an accomplished pilot in my eyes and was a great source of information as well as motivation," he said.

Squadron and Louisiana Wing Safety Officer Maj. John McCrory said, "I think you could say of Francis that he was a pilot's pilot. He was always looking out for other pilots. He realized that constructive criticism was beneficial to making someone a better pilot and person." He continued, "Francis always wanted Capital City to be the best. I appreciated that. He is sorely missed." 🇺🇸



Left: After a lesson on how to build a campfire, cadets gathered around for stories and laughs. (Photo: Cadet Senior Master Sgt. Abigail Matsuyoshi)

Below: Cadets set off on a hike and found a spot along a creek to have lunch. (Other photos: 2nd Lt. Jeff Hess)

Arizona Wing Squadrons Conduct Emergency and Leadership Exercise

by 2nd Lt. Jeff Hess, Arizona Wing

SHOW LOW, Ariz. – During August 26-28, 2022, twenty-nine cadets and nine senior members from four Arizona Wing squadrons participated in a field training exercise. Planning started in early May for the event, which was held at a group site at Sharp Creek Campground just north of Payson, Arizona.

“This was a dream come to fruition with the invitation out to three squadrons – Willie, Scottsdale, and Falcon,” said Lt. Col. Carol Schaubsluger, commander of Show Low Composite Squadron, which hosted the event. The event was named FIELD – Field Integrated Emergency and Leadership Development.

Schaubsluger said that the camp site met all the requirements for the exercise.

“We had electricity, pit toilets, ample

parking for a drill/formation pad, and an area as big as three football fields for cadets to use for activities such as volleyball, team building games, and ground panel to aircraft signaling.”

Activities were led by cadets who applied to serve as staff, who submitted their suggestions about what they would teach for the activity if selected. Classes included fire building, encampment preparation (including field boot care and polishing), paracord use, leadership challenge games, pace count, situational leadership, and a day hike.

“The FIELD activity provided cadets who might not necessarily get an opportunity to lead to try on those bigger boots,” said Schaubsluger. “Each night provided a change of command and staff move-ups from even the operational cadet staff supporting logistics, admin, and kitchen help. Cadets also gave safety briefs and were very well covered by the adult safety officers on hand.”

After arrival at camp and signing in, a monsoon storm hit, flooding the field where the tents were supposed to be set up, requiring a new plan. A half hour later, the sun was out and the cadets played volleyball while waiting for the ground to dry and others to arrive before setting up their tents.





Left: Cadet Chief Master Sgt. Casey Reidhead played Reveille on his trumpet to wake the cadets both Saturday and Sunday mornings.

Below: The field was a great place for volleyball against a scenic backdrop of mountains and pine trees.

Once everyone arrived and camp was mostly set up, it was time for a late-night snack – grilled cheese sandwiches cooked by 1st Lt. Mike Fisher, Willie Composite Squadron and Capt. Jason Johnson from Show Low Composite Squadron. After eating, once all the tents were pitched, there were two presentations and a chance for everyone to get to know each other. An encampment “boot shining” prep course was given by Cadet Senior Master Sgt. Gabriel Johnson with help from Cadet Chief Master Sgt. Taylor “T.J.” Hess, both from the Show Low Composite Squadron. Cadet Hess also presented *Three Styles of Situational Leadership*, assisted by Cadet Staff Sgt. Kaden Lucas.

Saturday brought cool temperatures and a bright sunrise. The cadets woke to Cadet Chief Master Sgt. Casey Reidhead playing reveille on his trumpet and cadet cadre blowing whistles. The cadets hit the parking pad for morning exercise, getting the new flights in

order, and drill. That was followed by breakfast with Fisher and Johnson doing the cooking once again, making pancakes and bacon.

After breakfast, Maj. Dave Roden of Falcon Composite Squadron and Maj. Rick Yang of Scottsdale Composite Squadron, gave a demonstration on using direction finding equipment to home in on an Emergency Locator Transmitter beacon. Cadet Staff Sgt. Abigail Andersen gave a brief on ground-to-air panels, showing methods to signal an aircrew and help them find your position for rescue. Yang and Schaubsluger worked with Andersen for this session.



The Fly-By, Southwest Region, October 2022

A simulated search and rescue exercise followed. Half the cadets headed to the highway (about a mile away) to simulate the rescuers and the rest of the cadets, playing the part of lost hikers, went to the field next to camp and put into use what they learned during Andersen's brief. The scenario included signal mirror work, communications monitoring for those working on the mission radio operator qualification and using the ground-to-air panel signal of "all well."

A CAP aircraft from Deer Valley Composite Squadron flew overhead. The "lost" cadets spotted the plane and signaled for help. The aircraft responded, flew to the "ground rescue" team and led them to the lost cadets who were successfully "rescued." A tipping of the wings said the mission was a success and the aircraft flew back to home base.

"This two-hour training exercise took two months of planning and coordination by Maj. Yang," said Schaubsluger. "This provided a great opportunity for cadets to learn what might happen on actual search and rescue missions."

After the successful exercise, the group headed out on a hike and found a spot near the creek to have lunch. The safety staff became concerned as it seemed that another monsoon storm was coming, so the group returned to base for some much-needed down time.

Later that afternoon, Cadet Senior Master Sgt. Abigail Matsuyoshi gave a class on parachute cord knots. As the storm got closer, everyone moved to the covered pavilion to stay safe and dry. While there, Cadet Lucas provided more team building activities and the cadet lieutenants gave a drill down to the last cadet standing. There was even a drill down for the senior members.

The monsoon storm finally arrived, rivaling the downpour of the day before. Fortunately, there was no threat from lightning, so the activities under the pavilion continued uninterrupted. An hour later, the sun was out and once again the cadets were busy drying out their tents and belongings.

Fisher and Johnson had dinner duty yet another time, serving up chili dogs, followed by s'mores and brownies. As the sun went down, Reidhead gave a demonstration on fire building and set up the campfire, where conversation and laughs were in order as the night wore down, ending with formation and awards.

Charlie Flight was named Honor Flight. There was a three-way tie for the Honor Cadet Award that was shared by Cadet Airman 1st Class James Albrecht, Cadet Airman 1st Class Kevin Hernandez, and Cadet Airman Caitlyn Hunt. Honor Staff went to Reidhead, with a final Sunday award to Cadet Staff Sgt. Isaiah Grubbs for Customs and Courtesies.

On Sunday morning, cadets rose to reveille for PT, breakfast, a knife safety class, and a pace count class.

"Camp was packed up and pristine by 11 o'clock for departure," Schaubsluger said. "Many said they would like to do this again, though we may choose a different time of year." 🇺🇸

Right: Jumping Jacks – Physical training in the parking lot was part of the morning routine during the FTX.





Top: Senior members (left) and cadets (right) look on as Col. Robert Allison and Lt. Col. Marchelle Jones (center) reenact Col. Allison giving command of the squadron to Lt. Col. Jones (Photo: S. M. Rachel Ballard)

Arkansas Wing Reactivates 94th Composite Squadron, Conway

by Senior Member Rachel Ballard, Arkansas Wing

CONWAY, Ark. – On September 20, 2022, Civil Air Patrol's Arkansas Wing welcomed a new member to the wing, The 94th Composite Squadron, Conway, Arkansas, held a chartering ceremony celebrating the squadron's reactivation. Squadron members were excited to invite family and friends, as well as potential members to share the experience. The ceremony was held at the Conway Municipal Airport (CXW) which is approximately 35 miles northwest of Little Rock, Arkansas.

The ceremony began with cadets and senior members in formation. As Wing Commander Col. Robert Allison and incoming Squadron Commander Lt. Col. Marchelle Jones entered the room. After taking their place, the National Anthem was played followed by an invocation by Wing Chaplain Lt. Col. Larry Killian. Col. Allison addressed the attendees with opening comments before reading the activation order.

A chartering ceremony closely resembles a change of command ceremony, the difference being that instead of a commander relinquishing command, the wing commander bestows command of the new squadron on the incoming squadron commander.

At the conclusion of reading the activation order, the guidon bearer, Cadet Airman Kylee Ritchey, presented the squadron colors to be unfurled for the first time by Lt. Col. Jones. This signifies the squadron's establishment. The guidon bearer presented the guidon to the Wing Commander who, in turn, presented it to Lt. Col. Jones, who accepted command of the new squadron.

After the ceremony Lt. Col. Jones delivered a closing speech to the assembly. "I am happy to be a part of the re-chartering of the Conway Squadron after twenty plus years since the squadron had been deactivated." Following Lt. Col. Jones' remarks, that concluded the ceremony, refreshments were served. The newly minted squadron members were excited at having taken part of this new chapter in Arkansas Wing.

Lt. Col. Marchelle Jones said that she was excited to have, "A solid Senior Base and a great start of cadets." She thanked Arkansas Wing for their support in this new Squadron. 🇺🇸



Top: (L-R) Cadet Airman Anthony Cannata applies a manual resuscitator to a practice dummy supervised by Fire Captain Anthony Cannata. (Photos: 1st Lt. Anne Calvert)

Louisiana Wing Members Learn to Save Lives

by 1st Lt. Anne Calvert, Louisiana Wing

MANDEVILLE, La. – On September 24, 2022, 15 cadets and 9 senior members of the St. Tammany Composite Squadron, Civil Air Patrol (CAP) gathered to learn first aid and CPR at the St. Tammany Fire District #4 Fire Station on North Lane in Mandeville under the direction of Assistant Chief of EMS, Vincent Trabona.



Above: (L-R) Cadet Senior Master Sergeant Aimee Calvert, Cadet Airman Anthony Cannata, and Cadet Airman 1st Class Remington Hoffpauir practice working as a team to perform resuscitation and CPR techniques on an infant.

Victim assessment was the first topic of the day, checking for breathing, for a pulse, and for signs of consciousness. Cadets and senior members were then instructed on how to position a victim's body to effectively render appropriate first aid.



Left: Cadet Staff Sergeant Mason Martin, Cadet Chief Master Sergeant Edward Braithwaite, and Cadet Airman 1st Class Remington Hoffpair watch as firefighter Benjamin Baham demonstrates the correct technique for applying a tourniquet to a limb.

Below: Cadet Master Sergeant Alexis Jones fits a sling on Cadet Airman 1st Class Andrea Jones.

This was followed by demonstrations on treating a victim of conscious choking, rescue breathing for adults, children, and infants, and hands only CPR/chest

compressions. Groups of senior members and cadets practiced working together as a team, putting these techniques together in a medical emergency.

The next classroom topic was how to stop severe bleeding and care for deep wounds. CAP members learned the effective use of direct pressure, elevation, and pressure points. Proper use of tourniquets was covered, and the students learned both self-application of a tourniquet and application of a tourniquet to a victim.

The final segment of the day's training included making and using a sling and swathe for an injured arm, and splinting an arm/shoulder, leg, or hand. Senior members and cadets practiced their new skills hands-on – both on dummies and on each other.

Several firemen and emergency service providers (EMS) were on hand to supervise small groups directly.

Civil Air Patrol's Emergency Services program primarily covers Search and Rescue missions, Disaster Relief, Humanitarian Services, and US Air Force support. CAP is best known for its search and rescue (SAR) missions, flying approximately 95% of inland SAR missions directed by the Air Force Rescue Coordination Center at Langley Air Force Base, Virginia.

St. Tammany Composite Squadron members are busy training to be ready for when they are needed to serve their community. 🇺🇸





Top: Cadet 2nd Lt. Taylor "T.J." Hess chose a 1956 VW Bug as his favorite car in the show. (Photos: 2nd Lt. Jeff Hess)

Show Low Composite Squadron Supports Run to the Pines Car Show

by 2nd Lt. Jeff Hess, Arizona Wing

SHOW LOW, Ariz. – On Sept. 24, 2022, members of Show Low Composite Squadron supported one of the busiest events of the year in the White Mountains of northern Arizona – the Run to the Pines Car Show.

This year marks the thirty-eighth time this event has taken place, with over 575 cars, trucks, motorcycles, and other vehicles parked across the Pinetop Lakes Driving Range. For the Show Low squadron, the order of the day was a recruiting booth, helping the organizers keep the show grounds spotless, directing traffic, and bringing anyone needing medical assistance to the first aid tent.



Above: Cadets lined up in front of the CAP recruiting booth for a photo before they began work at the car show.

Nine cadets supported the event on a bright Saturday morning, starting with a safety briefing and then the cadets were off to patrol for trash. While walking around the show grounds, another mission was to find their favorite vehicle in the show and have their picture taken with it.

Around noon, peanut butter and jelly sandwiches were made to keep the cadets refueled for the afternoon. By the end of the day, Cadet 2nd Lt. Taylor "T.J." Hess worked with Cadet Staff Sgt. Malachi Allen on a leadership skill building and the cadets all joined in.

"The crowds that were left got a nice show and their smiles, pictures, and compliments were priceless," said 2nd Lt. Jenny Hess.

"Like all events our cadets attend, the compliments about the cadets were nonstop," she said. "Their demeanor, their courtesy, their service to policing the area, the way they conduct themselves. I'm so proud of them all."

Beyond the cadets providing a service and having some fun in the process, the squadron's purpose for being at the car show was recruiting. That appears to be a success, too, with the expectation that from two to six potential cadets and two potential senior members will be coming to a squadron meeting soon to learn more about joining CAP. 🇺🇸

In Memoriam Lt. Col. Jay Taylor Tourtel

by New Mexico Wing Public Affairs

ALBUQUERQUE, N.M. – Lt. Col. Jay T. Tourtel, age 65, a resident of Albuquerque, New Mexico since 1999, after a short illness died on August 9, 2022.

He is survived by his spouse, Aurora Manapao Tourtel, originally from General Santos City, Philippines; a son, Tyler J. Tourtel, age 24 from Albuquerque; and a brother, Jeff Tourtel, who resides in Denver, Colorado.

Through his marriage to Aurora in 2008, he became the stepfather to five grown children and the great-grandfather and grandfather to 12 children, all of whom reside in the Philippines. He is also survived by nieces, nephews, and numerous friends in the United States.

Jay was a member of the Shrine of St. Bernadette since 2006, where he participated in the Couples for Christ, and was a member of the Knights of Columbus, Council #16201, where he held the position of 4th Degree Knight, Grand Knight, since 2015.

Concurrently, he was a member of the Civil Air Patrol (CAP), actively participating in the New Mexico Wing as the Wing's public affairs officer, a duty that he filled effectively and allowed him to mentor many CAP members in writing and reporting, both adults and cadets. His involvement in public affairs earned him many friends, who remember his many kindnesses.



He began his CAP career at age 16, having earned the highest cadet achievement, the Spaatz Award. Over the course of nearly 50 years in Civil Air Patrol, Tourtel held a variety of duties and roles as well as earned a wide range of awards, including the Southwest Region Col. Robert "Bud" V. Payton Award, for his effort as a Unit PAO in 2012, and the Wing Public Affairs Officer of the Year in 2015.

He worked as a Customer Service Representative at Bank of America since 2004. A Rosary on his behalf was recited on Sept. 1, 2022, at 6:30 PM, at the Shrine of St. Bernadette, 11509 Indian School Rd. NE, Albuquerque, with Deacon Joe Santana reciting.

At 10 AM on Sept. 2, 2022, Mass was celebrated at the Shrine of St. Bernadette, with Reverend Rick Zerwas as Celebrant. Cremains were reserved by his wife, Aurora.

His untimely and sudden passing has been sorely felt in his private life, his work at Bank of America, and his volunteer contribution at Civil Air Patrol. He has left many friends. 🇺🇸



The Safety Corner - How Does the New CAPSIS Support Region and National Operations and Improve Trend Information

by Lt. Col. Corey Stohlquist, Director of Safety, Arizona Wing

To understand CAPSIS, a short review of the previous reporting system is in order.

In 2009, Mr. Frank Jirik developed the first online and organized Safety Management System (SMS). Mr Jirik was the first salaried safety professional to be hired by CAP. That system remained in place during Frank Jirik's tenure as Chief of Safety (2009-2013)

In April of 2014, George Vogt was hired as the new Chief of Safety and served until January of 2022. George developed and implemented a wide range of improvements to the CAP Safety Program, including changing the name from Safety Management System (SMS) to the former Safety Information Reporting System (SIRS). He was also instrumental in developing a highly professional cadre of CAP safety officers by setting higher standards for the CAP safety officer program through training and policy changes.

The Safety Information Reporting System (SIRS) primarily focused on a two-part report, "Step One" as the initial report and Step Two as the in-depth part of the Mishap report, both parts had multi questionnaire boxes to fill out. The word Mishap implies an unlucky accident, and members wrongly associated a Mishap Review as something with punitive results.

In February of 2022, Michael Nunemaker took over as our current full-time Chief of Safety. One of the first programs initiated under his leadership was the creation of a new reporting system named Civil Air Patrol Safety Information System "CAPSIS". The basic featured highlights of CAPSIS include increased automation, reduced free text entries, defined human, non-human,

and causal factors, as well as defined and connected mitigating actions, and the ability to better track planned mitigations.

CAPSIS is a one-stop place for reporting a Significant Safety Occurrence (SSO), it is also a one-stop place for all things CAP SAFETY, with links to other CAP Safety resources.

Some of the resources available under CAPSIS are Safety Reporting worksheets, Risk Assessment worksheets, CAPSIS Guides, Safety Regulations and pamphlets and portal for logging Safety Education and submitting Safety Suggestions / Hazard Reports.

CAPSIS focuses on collecting more data on the Event Chain, Casual Factors, and then the Mitigation Plan, and Mitigation Acceptance.

Perhaps one of the biggest changes we've made in CAPSIS is creating defined human and non-human contributing factors. We used and adapted the Air Force Safety Center's DoD Human Factors Analysis and Classification System (or HFACS) version 7.0 as a basis for CAP's HFACS. Coded human and non-human factors improve both the efficiency and clarity of data reporting, allowing the data to become much more useful in safety decision-making.

This will enable CAP to follow SSO trends allowing us to focus our training on preventing similar occurrences.

Once the Review Steps are completed, it is submitted electronically to the wing commander or the appropriate OPR assigned to complete the Mitigation Plan; after the wing commander has approved the mitigation plan, it is then forwarded to the region commander for acceptance or return to the Wing for further action. Once the region commander accepts the mitigation plan and the date for implementation has been entered, the occurrence will then show "Complete" The final step in the process is for the National Safety Office to review and provide a classification for the SSO.

There are several things that CAPSIS gets right, it has a logical built in few of choosing the Event, Causal Factors along with the Reviewer being asked to justify factors choices and being a simpler reporting system. Eliminating the part called "Step Two" also removes having to remind people that another part of the report is due as well as the Reviewer needing to write a lengthy statement in SIRS.

With the rollout of the new system, excellent training was made available in the following formats: multimedia, PowerPoint, and video presentations on streaming platforms along with the educational material being broken up into manageable sections and quizzes to progress to the next section.

The new system also provides additional training for those who would be Review Officers, the system **does not** allow anyone who has not passed the Review Officers course to be appointed as a Review Officer in the CAPSIS system.

The use of the term Significant Safety Occurrence or SSO also takes away the negative previously term used in SIRS "Mishap."

There is still a need to educate members on the initial statement length and what to include and what not to include, also the need to include witnesses and to educate the persons who are witnesses to respond in a timely manner to submit statements, and lastly reporting the SSO within 48 hours as required and have the persons involved making the initial report rather than relying on a squadron safety who might not be present or available.

The CAPSIS users also have a "Dashboard" to view the SSO history as to how long a certain SSO is in process and what step of SSO it is in.

CAPSIS is a living system in that it will be continually updated and improved upon.

This author, having had 19 years in the CAP Safety Specialty Track, can attest that this system is more user friendly for the member and will only improve over time with other improvements. 🍷

On Mentoring

Integrity, Volunteer Service, Excellence, and Respect

AUSTIN, Texas – The Civil Air Patrol Core Values, that are essential to good order and discipline, serve to remind us of who we need to strive to be, and should inspire us to reach as high as we can in the pursuit of all that is good and admirable in human endeavors. In short, they are our guide to living not only as individuals but also in a successful relationship to each other. This is especially true in the case of those CAP members who are in a supervisory position, whether it involves a cadet airman first class mentoring a cadet airman basic or a headquarters staff officer dealing with peers, superiors, or subordinates.

In this writing, the focus will be on public affairs as a discipline, public affairs officers (PAOs), subordinate PAOs, and other members who choose to write and submit an article for publication to a PAO or to the media. In this context, a review of *copyright* and *byline* is appropriate.

The Associated Press Stylebook, in its seldom-read addendum Briefing on Media Law, states that, "A copyright comes into existence the moment an original work of expression is captured in a tangible form." However, this legal principle is tempered by the concept of "fair use," the extent to which the material may be used by another, and the degree to which the use of this original material is transformed into a different content with new and previously absent facts and/or ideas. This, however, disallows "scooping" a copyright holder's first use of previously unpublished material.

So, what is the meaning of CAP's core values as they apply to this writing?

Integrity (*n.*) is listed on the Online Etymology Dictionary (OED) as having first use about 1400, meaning "innocence, blamelessness; chastity, purity," from Old French *integrité* or directly from Latin *integritatem* (nominative *integritas*) "soundness, wholeness, completeness," figuratively "purity, correctness, blamelessness," from *integer* "whole." Sense of "wholeness, perfect condition" is mid-1400s. This definition fits in nicely with the idea of being a person of one's word, acting honestly and without infringing on the other person's human dignity, being an effective mentor and team-player, and above all being reliable and trustworthy.

Volunteer Service is self-defining, as we are all volunteers, we have joined CAP to serve the community, the state, and the nation in time of need, and we have taken an oath of service that affirms these principles. The key thought here is that this *also includes serving one another*.

Excellence (*n.*) is listed on the OED as having first use by mid-1300s, from Old French *excellence*, from Latin *excellētia* "superiority, excellence," from *excellētem* (nominative *excellens*) "towering, distinguished, superior." This one, also, is easy to understand, as it is an ideal that we should all strive for: doing the very best that we can and, hopefully, better than anyone else. We could easily consider this the "spice" that enhances the other three core values.

Respect (*v.*) is an essential contributor to the core values, as it is a person's moral center of gravity, since from this quality flow all the other virtues that a person can possess. It is listed on the OED as having first use by the 1540s, "to regard," from Middle French *respecter* "look back; respect; delay," from Latin *respectere*, frequentative of *respicere* (see: *respect* (*n.*) below). Meaning "treat with deferential regard or esteem" is from 1550s. Meaning "have reference to" is from 1560s. Sense of "refrain from injuring" is from 1620s. Not content with defining the verb, this dictionary further defines it through the noun, below:

Respect (*n.*) is listed on the OED as having first use in late 1300s, "relationship, relation; regard, consideration," from Old French *respect* and directly from Latin *respectus* "regard, a looking at," literally "act of looking back (or often) at one," noun use of past participle of *respicere* "look back at, regard, consider," from *re-* "back" + *specere* "look at". Meanings "feeling of esteem excited by actions or attributes of someone or something; courteous or considerate treatment due to personal worth or power" are from 1580s, as is sense of "point, particular feature."

CAP members who practice these core values are the foundation upon which the organization is built, both in spirit and in practice. This is so important to human thinking and interpersonal behavior that philosophy has a branch dealing with it: Ethics.

Ethics (*n.*) in the sense of "the science of morals," was first used in the 1600s, plural of Middle English *ethik* "study of morals." The word also traces to *Ta Ethika* (*Ta Eθika*), title of Aristotle's work. In turn, *ethics* is derived from *Ethos* (*n.*) "the 'genius' of a people, characteristic spirit of a time and place," 1851 (Palgrave) from Greek *ethos* "habitual character and disposition; moral character; habit, custom; an accustomed place," in plural, "manners," from suffixed form of Proto-Indo European (PIE) root **s(w)e-* third person pronoun and reflexive. This is an important concept in Aristotle (as in "*Rhetoric*" II xii-xiv), and it leads to:

Moral (*adj.*), listed on the OED as having first use in mid-1300s, "pertaining to character or temperament" (good or bad), from Old French *moral* (1300s.) and directly from Latin *moralis* "proper behavior of a person in society," literally "pertaining to manners," coined by Cicero ("*De Fato*," II.i) to translate Greek *ethikos* (see *ethics*) from Latin *mos* (genitive *moris*) "one's disposition," in plural, "mores, customs, manners, morals," a word of uncertain origin. Perhaps sharing a PIE root with English *mood*. In the sense of "morally good, conforming to moral rules," is first recorded late 1300s of stories, 1630s of persons. Original value-neutral sense preserved in moral support, moral victory (where the notion is "pertaining to character as opposed to physical action").

All along, "morals" has been tightly associated with religion, and over time has seen a relaxation of personal norms of conduct. This, however, goes against the spirit of CAP's Core Values, since the way one acts is a result of personal choice, not requiring belief in any religion. On the contrary, it is an attitude demonstrated by one person towards another.

The Austrian/Israeli philosopher Martin Buber (1878-1965), in his very short but foundational book *I and Thou*, observed that people are free to treat others either as fully autonomous human beings worthy of respect and consideration or as objects with no intrinsic value or rights. He further observed that whichever way one treats others, one ends up treating oneself. *I and Thou* is a highly-sophisticated system of thought dealing with respect and rights, basing its principles on fundamental building blocks of human kindness – or lack thereof.

So, how does a PAO show respect? At its most basic, the PAO is able to mentor others in writing and reporting skills. In a composite squadron, the most likely beneficiaries of this activity are the unit's cadets. If the PAO is successful in mentoring cadets, the latter will write articles that they will submit to that PAO. How that PAO deals with each article will define the PAO's concept of respect, integrity, and excellence in no small measure.

At first, cadet writing might be poorly organized, ungrammatical, and haphazardly spelled. This is usually the result of faulty education and poor writing habits acquired through social media, and not the cadet's fault. In editing the article, the PAO needs to explain to the cadet why the changes to the submission are necessary, and how he accomplishes it will determine whether the cadet will go on writing or not. In many cases, guiding the cadet's talent along the right channels, teaching correct grammar, syntax, and spelling, will also help the cadet earn better grades in school. Thus, very quickly, cadets are likely to experience the advantage of improving their writing skills.

The PAO's duty as a mentor is to edit as necessary but leave the author's byline untouched. Any change to the byline, especially removing it, can and will discourage potential contributors, who most often will stop writing for that PAO. The net result would be a great disservice to the CAP member, the organization, and the harmony that should exist in the unit. Especially in a volunteer organization, those of us in a position of leadership and mentorship become the custodians of the work sent to us by those we mentor and help. Honoring the contributions submitted to us, and using these as mentoring opportunities, can be of great value to the CAP member and the organization, as well as the mentor's satisfaction. 🇺🇸

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Associated Press Style in a Nutshell

Below are the most important rules to keep in mind when writing in AP Style

- Write the title in normal English-language capitalization. Never all in caps.
- Add your byline below the article title
- Do not format the text in the article (only exceptions are: bullet comments and numbered paragraphs in a section that details a process or sequence).
- Do not indent the first line of a paragraph.
- Use AP Style rules for punctuation.
- Single space the article. At the end of each paragraph, execute two end-of lines (Enter key).
- Do not introduce artificial paragraphing by hitting the Enter key at the end of each line in your article. Instead, let the text wrap naturally and tap two Enter keys at the end of the paragraph.
- Use only a single space after a period.
- Insert a dateline at the beginning of the article, following AP Style rules.
- Answer the 5Ws: Who, What, Where, When, Why + the honorary W: How. In writing a CAP article, you will always know the 5Ws.
- Write all dates in AP style.
- Do not use postal codes instead of state abbreviations in the dateline (not OK but Okla., not NM but N.M.) but some states have no abbreviation, such as Texas.
- Write all military grades in AP Style.
- Write the article in the third person singular.
- Express no opinion.
- To express opinion, use one or more quotes of qualified sources – always get the quoted person’s permission to include the quote, unless it is a matter of record (printed article or recorded audio-visual). Get the quoted person’s grade, name, job title and organization.
- Never self-quote.
- Identify all persons by grade or title, name, job title if material, and organization.
- Never refer to a young person as “kid.”
- When a young person is a CAP cadet, never use “kid,” “boy,” “girl” or “child” but identify each one by grade, full name (or last name only – never first name only), and unit of assignment.
- Never use “their” for the possessive of a singular subject, such as, “the cadet took their meal.”
- Avoid the abbreviations i.e. and e.g. You may know what each one means, and the Latin words they represent, but most people confuse the two. Be clear. Write in English and leave Latin and non-English to scholars.
- Refer to CAP members by grade, name, duty position and unit of assignment. Never by first name.
- On second or subsequent references, use only the last name, except when there are two persons with the same last name, in which case the use of both first and last name is preferred (never just the first names).
- In the case of CAP or military commanders or high-ranking senior members, on second reference use the grade and last name.
- Do not use Lt. as a grade. Lt. is a mode of address. The correct grade may be 2nd Lt. or 1st Lt., but never Lt. Only the Navy and Coast Guard have the grade of Lt.
- Do not use exclamation marks in the body of your article, as doing so expresses opinion.
- Use simple declarative sentences.
- Avoid the passive voice.
- Remember the rules of English grammar and syntax, and follow them.
- **For best results**, buy the latest copy of the Associated Press Stylebook, available at a modest cost at www.ap.org – read it, study it, know it, and use it. 📖