



South Dakota Wing Roundup



CIVIL AIR PATROL • SUMMER 2018 • UNITED STATES AIR FORCE AUXILIARY



FIFINELLA GOES TO WAR!

U.S. Air Force photo circa 1944 of Frances Green, Margaret Kirchner, Ann Waldner and Blanche Osborn leaving their plane, "Pistol Packin' Mama," at the four-engine school at Lockbourne AAF, Ohio, during WASP ferry training. Three of the four wear the Fifi Nella patch on their flight jackets.



South Dakota Wing, Civil Air Patrol
4275 Airport Road, Suite A, Rapid City, SD 57703
Office: 605-393-4215, Fax: 605-393-4216

Email: wa@sdcap.us
 Website: http://sdcap.us
 Facebook: www.facebook.com/SDWingCAP
 Flickr: http://www.flickr.com/photos/102270464@N02/

Col. David G. Small Jr.
 Commander, South Dakota Wing
 Civil Air Patrol

South Dakota Wing Roundup Staff

Publishers
 Col. David G. Small Jr., South Dakota Wing Commander
 Lt. Col. Rodney "Buck" DeWeese, South Dakota Wing Vice Commander

Editor
 Lt. Col. Bruce Kipp, South Dakota Wing Director of Public Affairs
 Email: bruce.kipp@sdcap.us, Cell: 605-261-4507

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SUPPORT OUR CADETS
. THEY ARE OUR FUTURE!!!

FIFINELLA GOES TO WAR!

By Cadet 2nd Lt. Sydnie Cloutier, CAP

Fifinella. When people hear that word most may not know what it means or the history behind it. Some may think of the cartoon female gremlin designed by Walt Disney based on a character in Roald Dahl's book "The Gremlins", a World War II era book for children about the hazards of combat flying. According to lore, gremlins were imaginary beings endowed with magical powers. In Dahl's book the female gremlins were called Fifinellas. They were known for engaging in mischievous acts, including causing mechanical failures. But, let me tell you, there is more to Fifinella than meets the eye. For that you need to know a little history.



Walt Disney's design of the mischievous elf-like Fifinella.



Fifinella unit patch for the WASP's 318th AAFSTD (Army Air Force Flying Training Detachment).

By the summer of 1941, after the outbreak of World War II in Europe, American aviatrix Jacqueline Cochran and female test-pilot Nancy Love independently submitted proposals to the U.S. Army Air Forces (USAAF) to allow women pilots in non-combat missions. The rationale was to free male pilots for combat positions by using qualified female pilots to ferry aircraft from the factories to military bases, and to tow drones and aerial targets.

After the attack on Pearl Harbor on December 7, 1941, to compensate for the manpower demands of



U.S. Air Force photo circa 1944 of Frances Green, Margaret Kirchner, Ann Waldner and Blanche Osborn leaving their plane, "Pistol Packin' Mama," at the four-engine school at Lockbourne AAF, Ohio, during WASP ferry training. Three of the four wear the Fifinella patch on their flight jackets.

the rapidly growing military, the government encouraged women to enter the workforce to fill industrial and service jobs supporting the war effort. One organization where the manpower shortage was critical was the newly formed Transport Division of the Air Transport Command (ATC). Colonel Will Tunner, in charge of acquiring civilian transport pilots to staff the unit, made the decision to create a force of civilian female pilots attached to the USAAF to fly military aircraft on non-combat missions. The Women's Flying Training Detachment (WFTD), headed by Jacqueline Cochran, and the Women's Auxiliary Ferrying Squadron (WAFS), headed by Nancy Love, were organized separately in September 1942 and assigned to the ATC.

Fifinella

Continued . . .

On August 5, 1943, the WFTD and WAFS were merged to create the Women Airforce Service Pilots (WASP), also referred to by some as the Women's Army Service Pilots. WASP members had no military standing; they were United States federal civil service employees.

In 1943, the WASP asked for and received permission from the Disney Company to use Fifinella as their official mascot. Disney's design consisted of a small winged elflike figure coming in for a landing with a red circle in the background; Fifinella has small horns and is wearing a yellow flight cap, a red top, yellow slacks, long black gloves, red high-top boots, and goggles. Fifinella went to war and was worn in the form of patches on WASP flight jackets on WASP stationary and on signs on WASP administration buildings and barracks.

Over 25,000 women applied to join the WASP organization, 1,830 were accepted and out of that

1,074 of the women completed the training. All of the applicants had prior flying experience and airman certificates. The WASP arrangement with the USAAF ended on December 20, 1944 and the organization was stood down. During its period of operation, each member's service had freed a male pilot for military combat or other combat-related duties. WASPs flew 60 million miles, transported every type of military aircraft and hauled targets for live anti-aircraft gun practice. Thirty-Eight of the Women's Airforce Service Pilots members lost their lives during this period and one was listed as missing. In 1977, WASP members were granted veterans status giving them access to the rights and privileges thereof. In 2002, WASP members became eligible for burial in Arlington National Cemetery with full military honors and, in 2009, members of the Women's Airforce Service Pilots, in recognition of their WWII Service, were awarded the Congressional Gold Medal. 

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South Dakota Wing Glider Operations Update

*By Lt. Col. Buck DeWeese, CAP
Vice Commander, South Dakota Wing*

Saturday, 2 June was to have been the BIG WEEKEND for getting our cadre of pilots checked out for glider operations. However, we were foiled by winds gusting to over 40 knots (46mph) everywhere in Western South Dakota. By CAP regulation flight operations are halted when surface wind speed including gusts exceeds 30 knots (35mph). We couldn't even launch our tow plane to go to the airport in Hot Springs for cadet orientation rides and static display at their Aviation Day event.

After an exasperating spring of rain, wind, snow and illnesses, we finally got the critical folks together and had an amazingly successful day at Black Hills Airport, also known as Clyde Ice Field, in Spearfish. We met on 13 June at the headquarters of Lookout Mountain Composite Squadron for three hours of briefings, safety discussions and review of the rules for glider operations. We then went to Lt. Col. Jim Hopewell's hangar to pre-flight and extract the glider from its winter home.

Our agreement with Black Hills Airport is that since gliders have priority in the air, we will go out of our way to yield to incoming and departing aircraft when the glider is on the ground so we had to put out a NOTAM (Notice to Airmen) warning people what was about to transpire. And it worked. Just as we were ready to hook up the tow rope and launch the glider a Medivac aircraft reported it was 10 minutes out from the airport. We did not want to interfere with his extremely important operation so we waited until he landed and taxied in.

After the Medivac aircraft was safely down we hooked up and took to the runway. Lt. Col. Gary Hewett was the tow plane instructor, Lt. Col. Buck DeWeese was the tow plane trainee, Lt. Col. Chuck Trumble was the glider pilot, and Lt. Col. Craig Goodrich was the wing runner who orchestrated and made the whole operation work.



Having been removed from its transport trailer and assembled, SDWG's new glider sits in the hangar in Spearfish awaiting good flying weather to treat our cadets to the fun and excitement of gliding.

We had four Lieutenant Colonels on the flightline all at once!

Everything went extremely well. We experimented with different runway departure and arrival combinations to see what worked the best. Turns out they all did because the winds were variable all day and the temperature and air density kept climbing. As we could not operate only off the grass runways we started departing from the pavement and landing on the grass. Flexibility is the key to success! After 10 launches Lt. Col. DeWeese was requalified as a tow pilot, Lt. Col. Trumble was requalified as a glider pilot, and Lt. Col. Goodrich and Lt. Col. Hewett were worn out.

The glider performed wonderfully. The tow plane was terrific, and we now have a qualified glider operations crew ready to give cadets glider orientation flights. We will continue to train additional tow pilots and glider instructors as well. 13-15 July is coming up fast and we want to be ready for the South Dakota Wing Aerospace Education Weekend in Phillip. Cadets and Officers mark your calendars - it will be non-stop action in the field of aviation education.



Commander's Note

*By Col. David G. Small Jr., CAP
South Dakota Wing Commander*



Honoring Legacy Members

As Wing Commander I have been privileged to get acquainted with members of all generations; from a young, eager 12-year-old cadet who only knows the 21st century to a 90-year-old cadet from the WWII era. My life has been enriched by these friendships.

Last year when Houston was reeling from Hurricane Harvey I received a call out of the blue from a former South Dakota Wing cadet who, after a career in the Marine Corp, and as an airline pilot, was calling to offer any help that he could render. He commented that having been a cadet in the 1950's helped form him into the man he is today.

The South Dakota Wing is made stronger by our "old timers" for want of a better term. There is a lot of collective wisdom and experience in our wing. That wisdom is an asset that we all need to avail ourselves of. Think of searching for a downed aircraft in the 1950's, no GPS, no cell phones, limited communications ability, unsophisticated

vehicles – but our seniors and cadets went out there and did the job in all kinds of weather.

At over 90 years of age our WWII era cadet is still going strong, continuing to help her home squadron some 70 years after first joining the unit.

We have also been blessed by members rejoining active squadrons after years of family and career. One enthusiastic "new" member, who was a cadet 50 years ago, has created super flight simulators for the Rushmore Composite Squadron in Rapid City and for the wing. He is sharing his passion and ensuring that the next generation will have the same enthusiasm for aviation. A surprising number of our senior members have been involved in CAP since being a cadet. Their continuity contributes to the stability and durability of our wing.

"Seniors", "old timers", "legacy members" – you know who you are. Please be patient with us relative newcomers. Share your knowledge and

wisdom with us. Sometimes new members may appear to be full of energy with little thought or direction. View this as an opportunity to work with these enthusiastic new members, channel their energies into helping our wing. You helped make our wing a very successful wing. There are many times as Wing Commander when I have sought counsel from our 50-year members.

Newbies, sometimes it may look like our "legacy members" just want to sit on the sidelines and reminisce. Prod them a little, ask them what it was like in the "old" days. Seek their counsel when confronted with a challenge – there really is very little that hasn't happened before. They have "been there and done that". The fact that they are still members is evidence that they care about our wing. The depth of their commitment is evidenced by their years of service. The fact that they come to meetings and participate in

Hurricane Harvey Service Recognition

*By Lt. Col. Bruce Kipp, CAP
South Dakota Wing Director of Public Affairs*

2018's Hurricane Harvey was the most massive tropical cyclone to ever hit the United States. The first landfall was as a Category 4 storm (130 mph winds) that hit the Texas Gulf Coast northeast of Corpus Christi on August 25, 2018. Ultimately, at least 88 people died and over \$125 billion in damage was inflicted, primarily from catastrophic rainfall-triggered flooding in the Houston metropolitan area.

In the aftermath of the storm state and federal agencies launched a huge effort to prioritize evacuation and recovery efforts and to assess the



Civil Air Patrol National Vice Commander, Brig. Gen. Edward Phelka, presents the certificate for CAP's Meritorious Service Award to Lt. Col. Craig Goodrich for his service in CAP's Hurricane Harvey relief effort.



Meritorious Service Award medal presented to Lt. Col. Craig Goodrich for his service in the Civil Air Patrol's Hurricane Harvey relief effort.



Commander's Commendation Award medal presented to seven members of the South Dakota Wing for their service in the Civil Air Patrol's Hurricane Harvey relief effort.

extent of the damage. The Civil Air Patrol (CAP) was one of the national organizations that brought in personnel, equipment, vehicles and aircraft to help in assessment operations.

South Dakota Wing (SDWG) sent two Civil Air Patrol aircraft and eight pilots and aircrew crewmembers to Texas to assist with disaster recovery operations in the aftermath of Hurricane Harvey. The aircraft flew aerial photographic surveys of the affected Gulf Coast region which assisted emergency management officials to assess the extent and severity of the damage. One SDWG member, Lt. Col. Craig Goodrich, went to Texas where he distinguished himself not only by flying photo survey missions and ferrying emergency

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Hurricane Harvey

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management officials, but also served on the staff helping manage Civil Air Patrol flight operations there as well.

Lt. Col. Rick Woolfolk, the CAP Incident Commander for the Texas Wing's Hurricane Harvey Disaster Response Team, reported that the last photo survey sorties flown by CAP aircraft were on 13 September 2018. During the response mission 13 Civil Air Patrol Wings provided support with 33 aircraft, numerous vehicles and some 250 personnel. Around 375,000 photos were taken of the disaster area that required about 745 hours of flying. The South Dakota Wing aircraft and aircrew members returned home on 14 September.

Civil Air Patrol National Commander, Maj. Gen. Mark E. Smith, approved awards for several members of the South Dakota Wing in recognition of their outstanding service during Hurricane Harvey response mission. They are:

Lt. Col. Craig Goodrich	Wing Staff	Meritorious Service Award
Lt. Col. Myra Christensen	Pierre Composite Squadron	National Commander's Commendation Award
Capt. Jonathan Becker	Pierre Composite Squadron	National Commander's Commendation Award
Capt. Jason Erickson	Sioux Falls Composite Sqdn.	National Commander's Commendation Award
Capt. Scott Giles	Rushmore Composite Sqdn.	National Commander's Commendation Award
Capt. Patrick Nowlin	Rushmore Composite Sqdn.	National Commander's Commendation Award
Capt. Joseph Oye	Wing Staff	National Commander's Commendation Award
2nd Lt. Thomas Redlin	Sioux Falls Composite Sqdn.	National Commander's Commendation Award



Commander's Note

Continued from page . . .

events suggests that they would like to share a bit of their knowledge and skills. These members are not relics, they are vibrant enthusiastic CAP assets who deep down inside want to share their experiences.

I'm hesitant to name names lest I forget someone but nonetheless I want to point our four very special members in our wing. Lt. Col. Lois Schmidt was a CAP cadet in 1944. She has received the CAP Congressional Gold Medal from Gov. Daugaard for her WWII CAP service. Lois

is still very active in the Pierre Composite Squadron.

We also have three very active 50-year members; Col. Mary Donley; a lot of firsts for her in the wing and still going strong. Lt. Col. Dave Jeffries, our High Frequency radio communications guru, helps make sure that the signal gets through. Lt. Col. Tam Gatje, who helps keep the Pierre Composite Squadron's finances strong.

Next time you think that you are too tired to go to a SAREX better think twice because you

are likely to see these "old timers" beat you there.

Most of all I want to thank each and every one of you for being a CAP member and caring about our wing. 



2018 North Central Region Cadet Competition

*By Cadet Capt. Annabelle Klosterman, CAP
Cadet Assistant Wing Public Affairs Officer*



Members of the Sioux Falls Composite Squadron's 2018 cadet competition team pose with their individual awards.

The 2018 North Central Region (NCR) Cadet Competition was held in Camp Ashland, Nebraska, from 13 to 15 April. The competition was headed by Col. David Winters, NCR Deputy Chief of Staff for Cadet Programs, and by Cadet Lt. Col. Boaz Fink, NCR Cadet Activities Officer. The cadets competed in several events: indoor and outdoor presentation of the colors, a team leadership problem, public speaking, a CAP panel quiz, a written CAP knowledge test, a physical fitness test, and a uniform inspection. The goal was to select the best Cadet Competition team to represent the North Central Region at the upcoming National Cadet Competition in July. The winning team at this year's NCR Cadet Competition was Anoka County Composite Squadron from the Minnesota Wing. The second place team was the Wentzville Composite Squadron from the Missouri Wing. The Sioux Falls Composite Squadron from South Dakota Wing took third place. The Fort Leonard Wood Composite Squadron from Missouri Wing placed fourth. The top two teams will compete at the National Cadet Competition in Dayton, OH

from 30 June - 2 July 2018.

In addition to fielding a team in the competition several cadets from the South Dakota Wing served on the NCR Cadet Competition staff; Cadet Capt. Mariel Klosterman, Cadet 2nd Lt. David Willison, Cadet Chief Master Sgt. Austen King and Cadet Senior Master Sgt. Caleb Hofer. Special thanks go to 1st Lt. Mimi Klosterman who shepherded the South Dakota Wing team through the competition.

The members of the Sioux Falls Composite Squadron team were Cadet Chief Master Sgt. Peter Willison, Cadet Chief Master Sgt. Sydnie Cloutier, Cadet Master Sgt. Kaleb Sarchet, Cadet Staff Sgt. Lydia Klosterman, Cadet Staff Sgt. Daniel Willison, and Cadet Senior Airman Micah Healy. The team earned awards for the following individual events: 1st place in Outdoor Posting of Colors, 1st place in Team Leadership Problem, 2nd place in Public Speaking, 2nd place in Panel Quiz, and 2nd place in Physical Fitness Test where Cadet Staff Sgt. Lydia Klosterman earned the Female "Fleet Foot" award for the fastest mile time.

I CAN'T FLY UPSIDE DOWN - YET

*By Cadet 2nd Lt. Julia Lair, CAP
Sioux Falls Composite Squadron*



Julia performs pre-flight checks on her aircraft.

Many of my peers at school, church, or other activities are quite surprised when I tell them I can pilot a plane solo. After the initial question, many ask me if I can fly upside down. In response, I tell them “Not yet, but soon.”

Despite not being able to fly upside down in Civil Air Patrol (CAP) aircraft I’ve very much enjoyed learning to fly in them, and they have provided me with an excellent opportunity to jumpstart my future career in aviation. Having flight training at this young of an age not only sets me apart from a resume standpoint, but also saves me time and money in the future while trying to carve out flight ratings in college.

Learning how to fly was one of the main reasons why I joined Civil Air Patrol in the first place. As long as I can remember, my family would take our 1950 Beechcraft Bonanza out for a spin every other weekend, and I would take the controls for

a few short minutes. As a six year-old or maybe younger, I knew I one day wanted to sit in the left seat and take the controls on my own. My father told me I could solo at the age of 16, so I was determined to accomplish it on that date. At the age of twelve, I knew CAP could help me achieve that dream. My father, former F-16 Fighter Pilot and current Boeing 777 pilot for United Airlines, got his start flying as a CAP cadet as well. 38 years later as an Instructor Pilot, he got to teach his daughter how to fly in a Civil Air Patrol aircraft.

Upon receiving a Squadron Flight Scholarship along with a South Dakota Wing Flight Scholarship, we started lessons in the summer of 2017 when I was 15 years old. Many have said just the thought of a 15 year-old flying an aircraft was terrifying, but it was quite normal for me. Once or twice a week we would take off into the west practice area by Sioux Falls, and practice steep turns, stalls,

and everything in between. I particularly enjoyed purposely selecting Runway 27 in Sioux Falls on a particularly windy day to practice landings up to the maximum cross-wind limitation of the airplane.

After overcoming the learning curve of the relationship between pitch and power, I became more comfortable behind the yoke. As the months went by, lessons passed by faster and faster. I began to fly the aircraft with little assistance from my dad. Eventually, I got to the few lessons before my solo on my 16th birthday. These lessons consisted of pattern work with no interference from my instructor. I was basically flying solo besides the extra weight in the right seat.

On my 16th birthday, many of my family and friends gathered at the Lincoln County Airport to watch me perform four touch-and-goes (where the aircraft touches the ground on landing and immediately takes off again). Although flying by myself was a weird sensation, I loved the feeling of finally being able to fly solo. Afterwards, my dad cut the tail off of my t-shirt to signify clipping my tail feathers so I won't fly too far from the nest. We also captured my solo through several GoPro's mounted around the aircraft, cut into the following video: (<https://vimeo.com/255488071?cjevent=2864f4b2704f11e8836b01080a1c0e0d>).



Julia and her flight instructor father, F-16 fighter pilot Colonel Greg Lair.

After my first solo, I received a lot of exposure from local news stations, as well as Flying Magazine in their article entitled “An Economical First Solo” (<https://www.flyingmag.com/an-economical-first-solo>). This turned into a great way to recruit for Civil Air Patrol as well.

Since my solo, I have continued flight lessons. My most recent solo flight was at the Sioux Falls Airport with F-16's taking off before and after me, which was amazingly cool. [Editor's Note: The SD Air National Guard's F-16 equipped 114th Fighter Wing shares the runways at Sioux Falls Airport]. Flying continues to be something I enjoy doing, and will continue doing for the rest of my life. Civil Air Patrol has provided yet another spark for my passion for aviation, and helped me take off with the right trajectory in an affordable fashion.



Julia taxis out to the runway for takeoff on her first solo flight.



Back on the ground Julia pauses in the cockpit, her grin shows how pleased she is with her solo flight.

My Pilot Experience in CAP

*By Cadet Chief Master Sgt. Branden Spence, CAP
Rushmore Composite Squadron, Rapid City, SD*

Ever since first experiencing the sensation of flight back in Australia, flying has always been my dream and the Civil Air Patrol (CAP) has provided me with many amazing opportunities in my life to become a pilot and begin my career in the aviation field. I am so thankful for all the help and support that I have been given by the Civil Air Patrol, my fellow cadets, my mentors, senior officers and my leaders. None of this would have been possible without them.

This whole dream started a long time ago. I was 11 when I got my first experience behind the controls of an aircraft, a small Cessna 152. It was at that moment that I realized that this was it; this is what I wanted to do for the rest of my life. At this time I had no idea of where to go or what to do next. I just knew flying was my dream. I had no idea what the Civil Air Patrol was and all the great things that it would do in my life.



A Cadet who solos on the way to earning a private pilot's license is entitled to wear CAP Solo Wings on their Civil Air Patrol uniform.

I spent a couple of years on and off in Australia learning the basics of flight and getting my schooling done, but I was never too dedicated at 12 years old to get my license. After moving to America, that's when I began to get more and more serious about earning my pilot's license, and beginning my career in aviation. When I first learned about Civil Air Patrol at the Ellsworth AFB air show, I began

to get really involved and learned more and more about the aviation side of the program and how as a cadet I could earn my pilot's license.

After a year in the Civil Air Patrol Cadet Program, being dedicated, motivated and promoting as much as I could I finally get serious about earning my license. Due to my situation of being from Australia, there were FAA complications about me getting my pilot's license. After getting through the paperwork, I finally could begin my serious training. Lt. Col. Craig Goodrich volunteered



Cadet Spence flew his first solo flight on 26 November 2017. Upon landing he is congratulated by his flight instructor Lt. Col. Craig Goodrich and presented with the Civil Air Patrol Solo Flight certificate.

My Pilot Experience in CAP

Continued . . .

to be flight instructor for my training. I have been training for just over a year, and am so close to taking my check ride. This would not have been possible without the help of CAP and the amazing people in it. I personally cannot thank Lt. Col. Goodrich for all his dedication and volunteered time and service both to CAP and to my career in aviation, he truly made my dream become a reality. 🇺🇸



Cadet Chief Master Sgt. Branden Spence (left) wearing his CAP Solo Wings above his ribbon bar stands next to Cadet Capt. Jared Doyle, the Rushmore Composite Squadron's Cadet Commander.

A promotional graphic for Civil Air Patrol Cadets. It features a young man in a camouflage uniform and headset smiling in the cockpit of an aircraft. The text "CIVIL AIR PATROL CADETS" is at the top. Below it is the CAP logo (a red and white triangle) and the words "AEROSPACE CHARACTER FITNESS LEADERSHIP". At the bottom, it says "Learn more GoCivilAirPatrol.com" and includes a QR code.

CIVIL AIR PATROL CADETS

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REDCAP - 11 MAY 2018

*By Lt. Col. Bruce Kipp, CAP
REDCAP Mission Public Information Officer*

Late in the evening of 10 May, the Air Force Rescue Coordination Center (AFRCC) at Tyndall AFB, Florida, placed South Dakota Wing on alert in response to a report of an aircraft's Emergency Locator Transmitter (ELT) broadcasting in the general area encompassing Sioux Falls and the tri-border area to the southeast. An Incident Command Team was immediately formed with Col. John Seten as Incident Commander assisted by Lt. Col. Rick Larson, Lt. Col. Ron Evenson, 1st Lt. Jerry Hayden and Cadet Chief Master Sgt. Jacob Roth as Mission Radio Operator. Within about an hour of the initial notification the Sioux Falls Composite Squadron organized and dispatched a Ground Search/Urban Direction Finding Team that swept the area in and around Sioux Falls Regional Airport. The team consisted of Cadet Capt. Kyle Clement, 2nd Lt. Denise Clement and Lt. Col. Todd Epp. Sioux Falls Composite Squadron also organized an aircrew and had them on standby as the weather was below minimums to launch an aircraft. Early on 11 May a report was received of an ELT active possibly southeast of Sioux Center, IA. A Ground Team was organized and dispatched in that direction. The team consisted of Cadet Capt. Kyle Clement, 2nd Lt. Denise Clement and



Sitting on a trailer in a field the banged-up aircraft whose transmitting ELT triggered the South Dakota Wing REDCAP search mission.

Cadet Chief Master Sgt. Jacob Roth. Shortly after noon on 11 May the weather improved and a CAP aircraft (Cessna-182/G1000) launched out of Sioux Falls. Capt. Brandon West was Mission Pilot, Mission Scanner was Maj. Karla West and Mission Observer was Capt. Jason Erickson. Just nine minutes after launch, while heading southeast, the aircrew detected the ELT signal and headed for Doon, IA. The aircraft orbited over Doon while working to refine the ELT's location and to guide the Ground Team into the Doon area. The aircrew was able to pinpoint the ELT to the town of Sheldon, IA, some 26 miles southeast of Doon. The

Ground Team went to Sheldon where they located the aircraft, tail number N55WA, on a trailer near a water tower on a private airstrip about 4 miles east of town. The Ground Team was met onsite by a Sheriff's Deputy who informed them the landowner was on his way. On arrival the landowner said the aircraft had been damaged in a mishap last week and its owner had turned the aircraft over to him for salvage. The ELT was silenced and the Ground Team and aircraft returned to Sioux Falls. The Incident Commander notified the AFRCC that the beacon had been silenced and the REDCAP mission was terminated.

Science Takes Flight – CAP Aerospace Education Outreach

*By Dr. Rhea Waldman, Education Director, South Dakota Discovery Center
and CAP 2nd Lieutenant, Pierre Composite Squadron*

This summer, science takes flight! As part of its Aerospace Education outreach program the South Dakota Wing of the Civil Air Patrol (CAP) has teamed up with the South Dakota Discovery Center to bring the Science of Flight to our state’s rural communities! Join us to explore the forces of flight by launching your own model rockets and paper and balsawood fliers, meet a pilot and step into the cockpit of a Civil Air Patrol plane, see what it takes to be a hero and go on search and rescue missions, and much more. Schedule your adventure today!

In an effort to bring Aerospace Education to remote areas in our state, the South Dakota Wing of the Civil Air Patrol and the South Dakota Discovery Center have teamed up to offer a fun, new STEM (Science, Technology, Engineering and Mathematics) program for rural communities in central South Dakota. This summer, communities can schedule up to three half-day programs that bring the fascination of flight to their door step. This summer sneak peek will allow us to make new connections with communities, schools, and afterschool programs, and make a lasting impact in the hope to continue outreach during the school year and potentially bring Aerospace Education and CAP cadet programs into schools.

The communities we reached out to were very excited for this opportunity and so are we, but to sustain this effort, we need your help.

- We need volunteers in the communities to help us sustain our presence throughout the school year;
- We need pilots that can fly to available airports, where kids can see planes and learn what it takes to be a pilot;
- We need pilots with commercial licenses and valid medical examinations, that can fly teachers and help convince them that partnering with us is a great idea;
- We need go-getters that are connected in their community and can help us make connections and find the right people to reach out to;
- We need contacts in the South Dakota Wing’s squadrons to coordinate efforts and keep everyone up to date on what we are doing and how your squadron can be involved.

If you are in any of these categories and looking for a way to get involved in teaching children the excitement of aviation, the mysteries of the aerospace sciences, and thrill of outer space exploration. Please reach out and send an email to: rheawaldman@sd-discovery.org and let us know of your desire to help.

We appreciate your willingness to help and look forward to a successful year of promoting Aerospace Education and Civil Air Patrol in South Dakota!



Future pilots, aerospace scientists and astronauts start at the South Dakota Discovery Center.

South Dakota Civil Air Patrol Cadet Named Best in Nation

*By Lt. Col. Bruce Kipp, CAP
Director of Public Affairs, South Dakota Wing*

South Dakota Wing Cadet Lt. Col. Joshua Klosterman of Brandon, a member of the Big Sioux Composite Squadron in Brookings, was named the Civil Air Patrol (CAP) Cadet of the Year for 2017. From over 30,000 CAP cadets he was selected as the most outstanding cadet in the nation!

Since joining Civil Air Patrol as a 12-year-old cadet he has been a consistently high achiever rapidly rising through the ranks and earning numerous awards, achievements and qualifications. While a cadet he qualified as a Ground Branch Director, a position normally held by an adult officer, on a CAP Emergency Services Incident Command Team. In addition, he qualified as a Ground Search and Rescue Team Leader and has participated in numerous real-world searches and in training events. He was a member of his squadron's award winning Big Sioux CyberPatriot computer cyber-defense team for several years. Joshua has served on several Cadet Advisory Councils, first representing his squadron to the wing, then the South Dakota Wing to the North Central Region and finally the North Central Region to National level council.

Joshua recently graduated from Dakota State University with a Master's Degree in Information Assurance and Computer Security. Last year, he received his Bachelor's Degree in Network and Security Administration. This August, he will begin working at the MITRE Corporation in Maryland doing cybersecurity research.

Joshua, who recently turned 21, has transitioned from a Civil Air Patrol cadet to senior member status as an officer with the rank of First Lieutenant. He plans to continue his service with the Civil Air Patrol by transferring from South Dakota Wing to one of the CAP squadrons in the Maryland Wing.



Cadet Lt. Col. Joshua Klosterman was selected as the Civil Air Patrol's Cadet of the Year for 2017. He is representative of the many outstanding young people we have in the South Dakota Wing.

We are proud that Joshua Klosterman is a member of our wing. His achievement at the national level reflects well on him, his squadron and the South Dakota Wing and is representative of the fine young people we have participating in our cadet corps.

The 2018 South Dakota Wing Conference

*By Capt. Kurt Johnson, CAP
Sioux Falls Composite Squadron*

Thursday, 12 April marked the unofficial start to the 2018 joint North Central Region (NCR) and South Dakota Wing (SDWG) Conference. Pre-conference training, pre-conference social gatherings and overall aura of comradery were in full swing but if you were anywhere to the East of Rapid City attempting to travel to the Black Hills after this date, Mother Nature had other plans for you. Frankly, it would not be a spring-time CAP Conference Event in South Dakota without some foul weather to make things interesting.

For those who braved the Pre-Winter Storm Xanto gusting winds on the prairie or the light to moderate rime icing between 7,000 and 10,000 feet (Flight Into Known Icing equipped aircraft were in use...no CAP aircraft were harmed in the writing of this article) it was a conference event that far exceeded expectations. It was a spectacular gathering of Wing, Region, National and Air Force Liaison attendees including National Vice Commander Brig. Gen. Edward Phelka and North Central Region Commander Col. Regena Aye. Weather outside was of little concern as every conference room forecast remained “Warm and Sunny” as the weekend events progressed.

Attendees had their choice of Officer or Cadet focused programming. There were training opportunities available for members across the knowledge spectrum. Scanner training, Observer training, Standards and Evaluation, Glider Operations, Squadron Leadership School (SLS), Training



The 2018 joint NCR/SDWG Conference general assembly reviewed both organizations past year's events and activities.



The Cadet Program at the 2018 joint NCR/SDWG Conference provided unique aerospace educational opportunities for attendees.

Leaders of Cadets (TLC), G1000 Ground School, Finance and Logistics, Model Rocketry, Cadet Regulations, Cadet Drug Demand Reduction, High Frequency radio communications, drone flight training for Search and Rescue and much, much more! There were also SDWG and NCR Cadet Advisory Council meetings for those in the command ranks. There was something for everyone at Conference! Unfortunately, to fit everything into a single weekend meant there were many sessions running concurrently. There was little chance one could catch everything.

Overall, the facilities at Cadillac Jack's Gaming Resort in Deadwood were outstanding and the venue staff was extremely accommodating. The weather outside in Deadwood consisted of snow on Friday and abundant sunshine on Saturday and Sunday. The indoor pool area had tropical temperatures and the outdoor patio was a great fresh air oasis between sessions. All this while our loved ones were experiencing two-foot drifts of snow in the East River area along with a tendency to use “colorful language” over text messaging responding back.

Saturday evening brought all Conference goers together for the Banquet and Awards ceremony. The evening began with a social hour followed by dinner and additional social time in the

2018 South Dakota Wing Awards

CAPID	Name	Sqdrn	Award	Type
1 495075	Blansett, Bradley	SD-031	Achievement Award	Certificate
2 167895	Carley , Ruth M	SD-038	Commander's Commendation Award (Wing)	Certificate
3 565866	Cloutier , Sydnie ND	SD-050	AFSA Cadet NCO of the Year	Trophy (small)
4 508208	Dravland , Todd R	SD-038	Communicator of the Year	Trophy (small)
5 466104	Epp , Todd D	SD-050	Achievement Award	Certificate
6 510995	Erickson , Jason C	SD-050	Achievement Award	Certificate
7 441103	Foy , Jerome P	SD-050	Property Management Officer of the Year	Trophy (small)
8 472324	Hoffman , Nathan J	SD-050	Commander's Commendation Award (Wing)	Certificate
9 419353	Huntington, Samuel	SD-031	Achievement Award	Certificate
10 583835	Johnson , Christina	SD-050	Commander's Commendation Award (Wing)	Certificate
11 164726	Johnson , Justin W	SD-050	Senior of the Year	Trophy (big)
12 220763	Johnson, Michael	SD-031	Commander's Commendation Award (Wing)	Certificate
13	Klosterman, Annabell	SD-058	Commander's Commendation Award (Wing)	Certificate
14 461619	Klosterman , Maria	SD-050	Col (Bud) Payton PAO of the Year	Trophy (small)
15 456103	Klosterman, Joshua	SD-058	Cadet of the Year	Trophy (big)
16 461619	Klosterman, Maria	SD-050	Achievement Award	Certificate
17 540358	Lair, Julia	SD-050	Commander's Commendation Award (Wing)	Certificate
18 525548	Petersen, Jaden	SD-058	Commander's Commendation Award (Wing)	Certificate
19 584361	Redlin , Thomas J	SD-050	Achievement Award	Certificate
20 539614	Schuppan , Melanie	SD-050	Commander's Commendation Award (Wing)	Certificate
21 431586	Small Jr, David G	SD-001	Ed Lewis Incident Staff Member of the Year	Certificate
22 549867	Steele , Manford J	SD-050	George Texido Legislative Officer Of the Year	Trophy (small)
23 583499	Strandell , William	SD-050	Achievement Award	Certificate
24 574997	Weathers , Tricia	SD-031	Commander's Commendation Award (Wing)	Certificate

Region Level Awards

Klosterman, Joshua	NCR Region Cadet of the Year
Klosterman, Maria	NCR Region Bud Payton PAO of the Year
Steele, Manny	NCR Region, Texido Legislative Officer of the Year

Commander Challenge Coins

10 Justin Johnson	Outstanding AMO support for CI & for getting ADS-B
11 Kris Bierwirth	Great job during term as commander at Custer
12 Tricia Weathers	Great job as interim commander at Rushmore & other

banquet hall. Sioux Falls Composite Squadron's Capt. Jason Erickson served as the Master of Ceremonies for the Awards portion of the evening recognizing recipients from across the Wing and Region. It was a fantastic evening honoring the very best of 2017 in the North Central Region and South Dakota Wing!

The overall theme of this CAP conference was clearly *Semper Viligans* (Always Vigilant) thanks in no small part to Winter Storm Xanto. Those in attendance at Conference missed seeing those who could not due to the spirited weather. Those who attended did their best to plan for the weather and

had to be flexible traveling. When schedules could not accommodate early travel, the "No Go" call resulted for all the right reasons. It has to be safety first with CAP and we will all hope for better travel conditions for future events.

If you have never been to a Civil Air Patrol conference event (Wing, Region or National) do try and make one. It is a thoroughly enjoyable event that helps make the most of the CAP volunteer experience. It is also an event that makes great memories alongside other dedicated folks that share a love for volunteerism and service to the community just like you! 🇺🇸

**SOUTH DAKOTA
WING ROUNDUP
CIVIL AIR PATROL
4275 Airport Rd., Ste. A
Rapid City, SD 57703**

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