



## “THE SKYCHASER”

South Dakota Wing Electronic Newsletter for February 2018

*Official Auxiliary of the U.S. Air Force - Citizens Serving Communities: Above and Beyond*

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### WING TIPS



- **LEGISLATIVE DAY:** Civil Air Patrol Legislative Day at the South Dakota State Capitol took place on 6 February. Some 40 members representing the headquarters and all six squadrons of the South Dakota Wing went to Pierre to greet and speak with state representatives and state senators. Initially, the CAP contingent posed on the steps of the Capitol Rotunda with Gov. Dennis Daugaard and State Attorney General Marty Jackley. Later, SDWG hosted a mid-afternoon snack in the cloakroom of each house that featured the famous CAP cupcakes as well as some healthier options. The Cadets and Officers mingled with about 20 legislators and spoke to them about South Dakota Wing and the Civil Air Patrol. Subsequently, the CAP contingent sat in on the afternoon house

session where they were officially greeted by Representative Tim Rounds. They then sat in on the afternoon session of the senate where they were officialy greeted by Lieutenant Governor Matt Michaels. Col. Mary Donley was specially recognized by Michaels for her 50 years of service to South Dakota Civil Air Patrol. Earlier that morning Lt. Col. Myra Christensen and Capt. Jon Becker of the Pierre Composite Squadron give orientation flights to six legislators who are members of the South Dakota Legislative Liaison Squadron.



MID-AFTERNOON SNACK IN THE LEGISLATIVE CLOAKROOMS



SDWG MEMBERS SIT IN ON A LEGISLATIVE SESSION

- NORTH DAKOTA CADET LEADERSHIP ACADEMY:** By Cadet First Lieutenant Annabelle Klosterman, Cadet Public Affairs Officer NDCLA: Approximately thirty Civil Air Patrol cadets from North Dakota, South Dakota, and Nebraska gathered at the North Dakota Air National Guard base in Fargo to participate in the 2018 North Dakota Cadet Leadership Academy (NDCLA) from 16-18 November. The NDCLA, a weekend course, helps cadets advance their leadership and team building skills. This was accomplished with a mix of classroom and hands on activities created and instructed by experienced cadets and adult officers. The academy had two tracks, the Airman Training School and the Non-Commissioned Officer (NCO) School. Some of the topics the cadet airmen learned were core values, care of uniforms, personal self-management, marching, chain of command, leadership styles, and critical thinking. The cadet NCOs learned about various types of inspections, creating and teaching a class, thinking as a leader, time management and delegation. On return to their units, the cadets were encouraged to share what they learned with their own squadron, passing on their newly gained knowledge and leadership skills for becoming leaders. Special thanks to the NDCLA commander, Major Justin McDowell, and to cadet commander, Cadet Major Anika Bohmer, both members of NDWG 119<sup>th</sup> Air National Guard Cadet Squadron, for putting on a successful event.



- NEW AWARD:** Civil Air Patrol members are eligible to wear the Air Force Organizational Excellence Award ribbon on their CAP Air Force-style service uniforms. The award, presented to CAP by the U.S. Air Force in September 2016, honors the organization for its service from Oct. 1, 2012-Aug. 31, 2016. Every member who was a cadet or senior member in good standing for at least a day during that 47-month interval are authorized to wear the corresponding ribbon.



- AERIAL WILDLIFE SURVEYS:** SDWG flew three aerial surveys of terrestrial wildlife over three days in February in support of the state's Department of Game, Fish & Parks (GF&P) and South Dakota State University (SDSU). Both organizations have continually ongoing research projects surveying mountain lions, bobcats, swift foxes, white-tailed deer, mule deer, elk, bighorn sheep, and mountain goats. The result was 6.5 hours flying over western South Dakota and the Black Hills and 3.7 hours flying over eastern South Dakota for a total of 10.2 flight hours. CAP pilots were: Lt. Col. Albert Trumble, 1 sortie; Col. Mike Beason, 1 sortie and Capt. Neil Schmid, 1 sortie. Depending whom the sortie supported the pilot is accompanied by a representative from SDSU or from GF&P. The photo shows a bighorn sheep, one of the critters tracked by GF&P and SDSU researchers.

# STAFF NOTES



## **WING COMMANDER**

Col. David Small Jr., CAP

- **MICHAEL WALLACE MEMORIAL GLIDER FLIGHT SCHOLARSHIP:** The Michael Wallace Memorial Scholarship Fund will offer two \$1,000.00 grants this year. The deadline for receipt of Scholarship applications is March 15. Please encourage your young students, and their parents to apply for a grant. The grant is to be paid to a flight school or club for the benefit of the recipient of the scholarship. Applications for the grant are due by March 15, 2018. The grant will be awarded by April 30, 2018. Students 14 to 22 years of age are eligible to apply. The Scholarship is also open to those who have not yet started flight training. What we are looking for is that special love of flying that a select few possess. Attached to this Skychaser is an Adobe Acrobat .pdf file that contains everything you need. A small color poster/flyer, an application form and instructions. You can also download the file from the Cypress Soaring club website. [www.cypresssoaring.org](http://www.cypresssoaring.org). Click on the Scholarship button. Don't forget, the deadline is MARCH 15!



## **WING CHIEF OF STAFF**

Maj. Nick Gengler, CAP

- **SDSU 2018 EE SUMMER CAMP.** Hello from South Dakota State University! Do you know a high school student who is interested in math and sciences? Do they really understand the career fields related to their interests? We would like to announce the 2018 Electrical Engineering Summer Camp. This high-energy electrical engineering camp gives students the opportunity to design an autonomous robotic system, explore green energy, create electronic games, work with digital satellite imagery system and to participate in other engaging sessions. The goal of the camp is to introduce students to the exciting and rewarding potentials of a career in engineering. All of these will be in addition to the opportunity to explore the great outdoors of South Dakota with archery, horseback riding, rock climbing, and more! This camp aims to provide students with an exceptional experience in the discipline of electrical engineering, as well as, promote the importance of science and math in solving society's engineering problems. It is a chance to reveal to students the extraordinary value of the electrical engineering degree offered at SDSU. Here are some important dates and information to remember:

- The camp takes place on the SDSU campus from Sunday, July 22 – Saturday, July 28, 2018.
- The cost of the camp is \$750, which includes 1 week's stay in one of SDSU's dorms, all meals during the camp, and a number of take-home projects.
- The last day to register for the camp, with payment due, is May 15, 2018.
- A health form/information packet will be mailed after May 15 and needs to be returned by June 15.

The camp is limited to 40 attendees, so we encourage students to register and reserve spots early! It is open to any student who has or will have completed their sophomore year in high school by the start of camp.

For more info: <http://www.sdstate.edu/electrical-engineering-and-computer-science/2017-south-dakota-state-electrical-engineering-camp> or, contact me directly at: [cory.mettler@sdstate.edu](mailto:cory.mettler@sdstate.edu)



## **WING DIRECTOR OF OPERATIONS**

Lt. Col. Craig Goodrich, CAP

### ***Register NOW for Wing Conference!!!***

This year the Wing Conference will be a bit different than in years past. Here are some of the details:

Location: The Springhill Suites and Cadillac Jack's in Deadwood, SD

When: Friday to Sunday, April 13 to 15, 2018

Pre-conference Classes Offered on Friday

Squadron Officers School (SOS)

Training Leaders of Cadets (TLC) (Basic)

G-1000 Training

Scanner Training

Cadet O-rides in Gliders and Planes

Conference Highlights on Saturday

North Central Region Conference is Combined with our wing Conference.

Several "how to" seminars

Several "round table discussion" seminars

Formal Banquet Saturday Evening

Post-conference Classes Offered on Sunday

Training Leaders of Cadets (TLC) (Intermediate)

UAV's for SAR

Glider Ground School and Glider Pilot Training

Tow Pilot Training

Airborne Photographer Training

Observer Training

### ***Here's The Most Important Part... You Have To Register For Each Thing You Want To Do.***

Register for the free activity and training on Friday

Register and pay for the conference

Register and pay for the banquet, with your choice of meal

Register for the free activity and training on Sunday

**Call the hotel directly to reserve your hotel room.** Cadets, work with your chain of command. You can have up to six per room, so the price per cadet is only about \$17.00 per night.

You only have about three weeks before the price goes up considerably, and there's no guarantee there will be room for you after March 20<sup>th</sup>. If there are not enough people who sign up for the pre-conference and post-conference training events, those events will be cancelled.

Contact Lt Col Goodrich if you want your CAP transportation to be funded. He'll explain the details.

Here's the link to register for the Conference and all the other associated activities that weekend in Deadwood:

<http://events.eventzilla.net/e/2018-south-dakota-wing-and-north-central-region-conference--2138941677>

As of 1 March, we only had the following numbers of signups for the pre and post conference classes. Please sign up for the classes, or they may be cancelled. We have enough sign-ups for the TLC classes now, but **none** of the mission training classes.

Glider and Tow Pilot Training – 2  
UAV for SAR – 2  
TLC – Intermediate – 3  
TLC – Basic – 5  
G-1000 – 0  
Scanner – 0  
Cadet O-rides – 1



## **WING DIRECTOR OF CADET PROGRAMS**

Lt. Col. Linda Buechler, CAP

- **CADET COMPETITION**: The South Dakota Wing is proudly hosting a Cadet Competition for all South Dakota cadets in Pierre SD, 9-11 March. The objective of the Cadet Competition is for Squadrons to provide Cadet to compete at the Wing level competition. The Cadet Competition will adhere to CAP Pamphlets 52-4 and 60-33. Other publications that should be read are the Air Force Manual 36-2202 §7C, CAP Regulation 900-2, CAP Manual 39-1, and CAP Pamphlet 52-18. The core events will be an Indoor Posting of the Colors, Outdoor Posting of the Colors, Team Leadership Problem, Uniform Inspection, Written Exam, and a CPFT. Electives will be the Extemporaneous and Impromptu Public Speaking and Jeopardy. Plan to arrive Friday night the 9th of March and plan on departing Sunday by noon the 11th of March. Travel should be arranged with your Squadron Commander. Registration is free! No charge! Bring your Class-B Blues, a couple pairs of civilian clothing, your PT clothes, a sleeping bag and some toiletries. Remember to fill out a CAPF 32 and have it signed by your parents and bring it with you. 1st Place winners will move on to the Region Competition being held 13-15 April at Camp Ashland, Nebraska.

Register at: [www.eventbrite.com/e/2018-sd-wing-cadet-competition-tickets-42875891947?aff=erelexpmlt](http://www.eventbrite.com/e/2018-sd-wing-cadet-competition-tickets-42875891947?aff=erelexpmlt)



## **DIRECTOR OF PROFESSIONAL DEVELOPMENT**

Col. Mary Donley, CAP



- **SLS/CLC**: On 10 February the Sioux Falls Composite Squadron hosted their annual Professional Development weekend. The Squadron Leadership School (SLS) and Corporate Learning Course (CLC) were held. Four members from Sioux Falls Composite and Big Sioux Composite (Brookings) completed the SLS. This course is intended for members newer to CAP and gives them an introduction to the workings of a squadron, some leadership tips, communication skills, staff positions and progression in the senior program. Members completing SLS were 2ndLt. Wes Forrester and SM Matt Healy from Sioux Falls Composite Squadron and SM Peter Engels and Capt. David Thompson from Big Sioux Composite Squadron. The CLC is for Level III senior members and it focuses on CAP at the Wing, Region and National level. Their sessions focused on Core

Values, the Corporate Structure, CAP-USAF relationship, Utilizing Resources, Management and Teamwork skills and an overview of the function of the IG. Members completing CLC were 2ndLt. Lucinda Helmes, 2ndLt. Mimi Klosterman and SM John Daniels of Sioux Falls Composite Squadron and 1stLt. Tyler Gross and 2ndLt. Zachary West from Big Sioux Composite Squadron. Thank you also to the instructors that volunteered their time and talents to ensure our members have been trained and continue to be a valuable asset to CAP; Chaplain (Lt. Col) Gary Rae, Lt. Col. Don Barbalace, Lt. Col. Linda Buechler, Lt. Col. Todd Epp, Maj. Nick Gengler and Col. Mary Donley.

## SQUADRON HIGHLIGHTS

### **CRAZY HORSE COMPOSITE SQUADRON (SD-068, CUSTER)**

(Items submitted by Capt. Bierwirth)



- **OUTSTANDING SERGEANT:** C/CMSgt Ethan Updike was awarded the Air Force Sergeants Association's Outstanding Cadet of the Year Award in recognition of his outstanding qualities in the areas of followership, leadership, self-discipline and aerospace education. The award was presented to him by Wing Commander Colonel David Small. In addition to the award citation and medal, C/CMSgt Updike is entitled to wear the award ribbon.



- **CADET SPONSOR:** We gained a cadet sponsor member, Jody Weiand, the fourth member of the Weiand family to join the squadron!

### **LOOKOUT MOUNTAIN COMPOSITE SQUADRON (SD-063, SPEARFISH)**

(Item and photo submitted by Col. Small)



- **OPEN HOUSE:** Five brave souls endured the snowy, cold weather to visit the squadron during its open house on 8 February. Though weather kept many visitors away those who did come expressed a real interest in CAP. Other's called or e-mailed and we expect more interest when the weather warms up a bit.

### **SIoux FALLS COMPOSITE SQUADRON (SD-050, SIoux FALLS)**

(Items submitted by 2ndLt. M. Klosterman)

- **GRANT RECEIVED:** The squadron is extremely gratified to have been informed that they will receive a generous grant from the Mary Chilton DAR Foundation. The grant will cover a substantial portion of the costs of equipping an Honor Guard/Color Guard. The squadron owes a debt of gratitude to 2<sup>nd</sup> Lt. Mimi Klosterman who put together the grant application.

## ★ ★ PROMOTIONS ★ ★

### Cadet Noncommissioned Officer Promotions



Congratulations to Sydnie Cloutier of Sioux Falls, a member of Sioux Falls Composite Squadron, and to Anthony Dillon of Custer and Ethan Updike of Oelrichs, both members of Crazy Horse Composite Squadron (Custer) on promotion to Cadet Chief Master Sergeant and receipt of the Dr. Robert H Goddard Award!



### Cadet Airman Promotions



Congratulations to Dalton Streff of Custer, a member of Crazy Horse Composite Squadron (Custer) and to Devin Griffin of Black Hawk, a member of the Rushmore Composite Squadron (Rapid City) on promotion to the rank of Cadet Airman First Class and receipt of the General Hap Arnold Award!



Congratulations to Kyleeann Dvorak of Custer, a member of Crazy Horse Composite Squadron (Custer), on promotion to the rank of Cadet Airman and receipt of the General John F. Curry Award!



## ★ ★ KUDOS ★ ★



Congratulations to C/1stLt Kyle Clement of Sioux Falls, a member of the Sioux Falls Composite Squadron, on qualifying as a CAP Emergency Services Ground Team Leader!



Congratulations to SM Michel Healy of the Sioux Falls Composite Squadron on qualifying as a CAP Emergency Services Mission Scanner!



Congratulations to former SDWG cadet Devon Brown on his graduation from Naval Boot Camp. He is off to Florida for the next stage of his training.

## ★ ★ GROUND CONTROL TO MAJOR TOM ★ ★

SpaceX Maiden Falcon Heavy Flight Sends Car to Space Blasting David Bowie Song. Air Force officials were in Florida on Tuesday to watch SpaceX's Falcon Heavy rocket blast off on its maiden voyage. SpaceX conducted its first test flight of the Falcon Heavy rocket on 6 February, blasting off from the Kennedy Space Center's historic Pad 39A, the same launch pad that sent Apollo 11 astronauts to the moon. The Falcon Heavy carried a cherry red Tesla Roadster with a dummy wearing a SpaceX spacesuit in the driver's seat into orbit around the Earth and then toward Mars.

The rocket is now “the most powerful operational rocket in the world,” according to the company. The Falcon Heavy packs up to 5.5 million pounds of thrust in its first stage, and will be able to lift 141,000 pounds of payload to low-Earth orbit. SpaceX reuses its empty boosters, by vertically landing them on pads on Earth or on floating barges and then recycling them for future launches. For the rocket itself, SpaceX’s uses just one type of engine, the Merlin. SpaceX’s Falcon-9 rocket, as its name implies, uses a cluster of nine engines. The Falcon Heavy uses three of those clusters, 27 first stage engines in total.

This Falcon Heavy launched and deployed its payload, a cherry red Tesla roadster, into space successfully. Two of its three nine-engine cores, the Falcon Heavy’s side boosters, also returned to Earth, landing nearly simultaneously in a brilliant display of aeronautical precision. The middle core missed the drone ship where it was supposed to land and hit the water at about 300 miles per hour.

Sitting in the Roadster’s driver’s seat is a space-suited dummy, which Musk named “Starman” after a David Bowie song. Starman could be seen via a live video feed cruising around the Earth in his Roadster with one hand causally resting on the steering wheel and a "Don't Panic" sign on the dashboard. The electric car was expected to eventually make its way into a solar orbit that would send it flying past Mars. It will be blasting Bowie’s “Space Oddity” as it journeys through the solar system, at least until the battery dies.

Source: Amy McCullough, Air Force Magazine, Daily Report, Wednesday, February 7, 2018.



**SPACE-X LAUNCHED A TESLA ROADSTER INTO SPACE ABOARD ITS FALCON HEAVY ROCKET ON 6 FEBRUARY. COMPANY CEO ELON MUSK TWEETED THIS PHOTO OF THE VEHICLE OVER AUSTRALIA**

