



“THE SKYCHASER”

South Dakota Wing Electronic Newsletter for May 2015

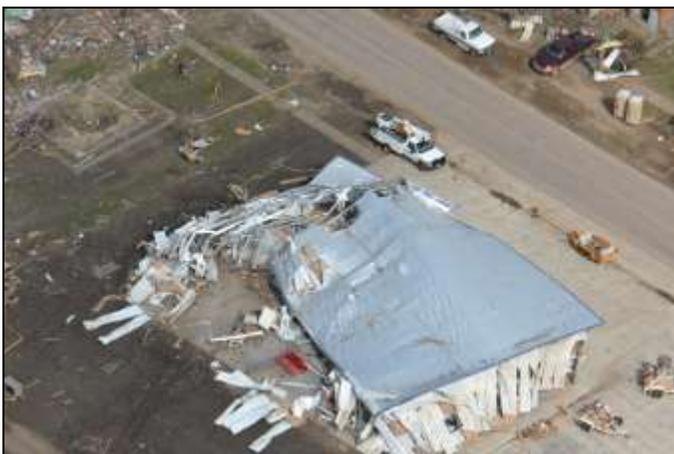
Official Auxiliary of the U.S. Air Force - Citizens Serving Communities: Above and Beyond

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WING TIPS

- **DELMONT TORNADO:** On Sunday, 10 May, at 10:45 local time an EF-2 tornado with winds over 100mph roared through the small town of Delmont, located about 90 southwest of Sioux Falls. The town of about 200 lost all power, water and telephone service. 84 structures in and around Delmont were damaged or destroyed. Fortunately there were no fatalities, however at least nine people were injured and some livestock were killed. Hardest hit was the western edge of the town suffering the majority of the damage. The town's new fire hall and a Lutheran Church bore the brunt of the tornado's fury.



DELMONT'S NEWLY BUILT FIRE HALL



DELMONT LUTHERAN CHURCH

South Dakota Wing Commander Col. John Seten authorized a Sioux Falls-based Civil Air Patrol Cessna-182/G1000 aircraft to fly over the area and take photos of the damage. An aerial photo sortie over Delmont was conducted on 12 May. The aircrew was Mission Pilot Col. John Seten, Mission Observer Capt Neil Schmid, and

Mission Scanner Capt. Karla West. Nearly 200 high resolution photos were taken and provided to emergency management officials, first responders and the media.

- **AERIAL WILDLIFE SURVEYS:** SDWG flew seven aerial surveys of terrestrial wildlife over four days in



May for the state Department of Game, Fish & Parks and South Dakota State University. GF&P surveys deer, goats, mountain lions, and elk while SDSU surveys elk, bobcats and big horn sheep. The result was 21.8 hours flying over western South Dakota and the Black Hills. The CAP pilot for five of the sorties was Lt. Col. Gary Hewett; one was flown by Lt. Col. Buck DeWeese and one by Maj. Craig Goodrich. Depending on whom the sortie supported they were accompanied by one or more researchers from SDSU or from GF&P.

- **CUSTER SAREX:** Aircraft, vehicles and personnel from four SDWG’s squadrons and members and an aircraft from Nebraska Wing’s Pine Ridge Composite Squadron (Chadron, NE) gathered at the Custer County Airport for a Search and Rescue Exercise (SAREX) the weekend of 29-31 May. The goal of the exercise was to provide task-specific training for Civil Air Patrol members. Short, realistic scenarios were presented to the aircrews, ground teams and mission base staff members to work through. Aircrews searched for simulated aircraft emergency locator beacons, rehearsed search patterns, and took simulated damage assessment photos. Ground team personnel also searched for simulated aircraft emergency locator beacons and worked with Custer County Search and Rescue during a missing person scenario in which CAP ground teams searched for an actor in a forested area near the Custer County Airport.

According to CAP Major Craig Goodrich, Incident Commander for the exercise, “Thunderstorms on Friday and fog on Saturday morning did not stop the show. The aircrews and ground teams were ready to go Saturday when the weather cleared up and we got a large amount of training done.”

Thanks to the generosity of the First Baptist Church of Custer, CAP members were able to use Camp Volunteer next to the airport over the weekend. The camp was also used as a staging area for the ground teams during the exercise. SDWG also thanks Custer County Search and Rescue for their participation in this SAREX.





- **EMERGENCY MANAGEMENT CONFERENCE**: Wing Vice Commander Lt. Col. Rick Larson attended the 4th Annual Sanford Health Emergency Management Conference held in Sioux Falls May. The conference focused on trends in preparedness and response. Some of the topics covered were communications failures, rural disasters, and tornado events. A round table discussion on planning and response was held on the 29th.

- **LOW-LEVEL ROUTE SURVEYS**: Each year the South Dakota Air National Guard requests SDWG carry out low-level route surveys (LLRS) of selected military air training routes and aerial Military Operations Areas (MOA). These military air training routes cover southeastern South Dakota, northwestern Iowa and northeastern Nebraska leading to and from the O’Neill MOA in northeastern Nebraska. The purpose of the sorties is to look for uncharted antenna towers, changes to charted towers, and noise sensitive areas such as stock pens/feedlots; areas to be avoided by the SDANG pilots. The LLRS Mission for 2015 has been approved and the planning is well advanced. This year Sioux Falls Composite Squadron’s Capt. Matt Meert is SDWG’s planning officer and Lt. Jerry Hayden is the Operations Section Chief. The first LLRS sorties will be in flown in June.

- **WEST POINT HONORS PIONEERING BLACK AIRMAN**: The U.S. Army Military Academy will name its newest cadet barracks at West Point in honor of the late Gen. Benjamin O. Davis, Jr., a leader of the World War II Tuskegee Airmen, who graduated from the academy in 1936. The barracks are expected to house cadets beginning in January 2017. Davis, whose father was the Army's first black general, was the academy's only black cadet in 1932 and spent his time ostracized from his fellow white cadets. His ambition was to enter into aviation but due to segregation, he would have to wait until 1941 to be accepted as one of the first Tuskegee Airmen, earning his aviation wings a year later. In 1942, he commanded the 99th Pursuit Squadron and, later, the all-black 332nd Fighter Group known as the legendary “Red Tails”. He transferred from the Army to the U.S. Air Force in 1947 when the new service was established. There he led the development of ethnic integration and spent the next two decades focused on equal treatment and opportunities for all. He held various command and staff positions before culminating his service as a lieutenant general. Davis’ final promotion to general (four stars), U.S. Air Force, occurred on December 9, 1998. Davis passed in 2002 at the age of 89.



The Civil Air Patrol honored General Davis by creating the Benjamin O. Davis, Jr. Award. It is presented to CAP members who complete Level II of the Senior Member Professional Development Program. It recognizes those who have dedicated themselves to leadership and personal development in the CAP.

Source: Article by June L. Kim, Air Force Magazine, Daily Report, Tuesday, May 12, 2015.

Source: http://www.militarytrader.com/military-trader-news/west-point-barracks-named-for-tuskegee-airman?et_mid=751000&rid=241892389, accessed 15 May 2015.

STAFF NOTES



WING COMMANDER

Col. John Seten, CAP

Please join me in congratulating our FY15 Cadet Flight Scholarship recipients:

\$1000	C/CMSgt Jaden Roblewsky	Sioux Falls Composite Squadron
\$1000	C/2 nd Lt Nicholas Nash	Sioux Falls Composite Squadron
\$700	C/MSgt Hannah Becker	Pierre Composite Squadron



WING DIRECTOR OF OPERATIONS

Maj. Nicholas Gengler, CAP

The 2015 Joint Dakota Encampment at Camp Rapid in Rapid City is coming sooner than you think! Cadet Staff selection is complete and now everyone can sign up to come! On the website (<http://sdcap.us/encampment/>) there is also a list of forms that the cadets will need to bring with them to Encampment. The only thing I need beforehand is their CAPF-31 (Parental permission). You can email them to me or mail them to our Wing HQ (address on the website). For those that wish to pay by check you can also send that to our Wing HQ. Cadet Packing list coming soon! Check us out on Facebook as well. We'll be updating our Facebook page for parents and public during encampment to keep everyone informed of daily activities. See you there!



WING DIRECTOR OF COMMUNICATIONS

Capt. Jerry Gabert, CAP

SDWG participated in CAP's National Communications Exercise (COMEX) "Constant Watch 15" on 15 and 16 May. The exercise tests CAP's ability to pass messages throughout the nation on high frequency (HF) radio. New this year was the relay of messages from HF stations to other units over very high frequency (VHF) radios. SDWG's portion of the exercise was directed by Capt. Jerry Gabert, Wing Director of Communications.

The exercise began the afternoon of 15 May. Capt. Jerry Gabert and Lt. Rob Hinkhouse checked in on an HF radio in Sioux Falls. Lt. Todd Dravland checked in on his HF radio in Pierre. SM Jeff Shawd operated his HF radio in Valley Springs. He received several Whiskey Tango (numerically encoded) messages and entered them into the CAP computer system. Lt. Col. Dave Jefferies was on the HF radio in his vehicle and took Whiskey Tango messages while supporting Red Cross disaster relief efforts after the tornado in Delmont.

Capt. Gabert and Lt. Hinkhouse were also busy on Friday night planning messages to send on Saturday. They made up a practice coder/decoder and then formulated several coded messages.

Saturday morning the exercise expanded to include an airborne radio signal repeater. The airborne repeater was in a Sioux Falls Composite Squadron Cessna-182 piloted by Capt. Neil Schmid. Maj. Elliott Filler was Mission Observer. The purpose was three-fold: first, to test the range of the VHF airborne repeater. The aircraft made contact with participating squadrons along the flight route; second, to test inter-squadron VHF radio links; and, third, to send encoded Whiskey Tango messages by VHF for relay by the long range HF stations. Through the repeater communications were established from Sioux Falls to Brookings, Brookings to Valley Springs, Valley Springs to Sioux Falls, and from Pierre to Delmont. Practice Whiskey Tango messages were sent between Sioux Falls, Brookings and Valley Springs. The messages were then deciphered by the receiving station and verified by the sending station.

Participating on Saturday were Lt. Col. Mark Huntington, Lt. Rob Hinkhouse, Capt. Jerry Foy, Capt. Jerry Gabert and Cadet Eric Ortega and C/Amn Oscar Holmberg at the Sioux Falls Mission Base, Capt. Shannon Hofer, C/Lt Col Joshua Klosterman and C/Capt Tyler Gross at the Brookings Mission Base, Lt. Col. Tam Gatje and Lt. Todd Dravland in Pierre, SM Jeff Shawd in Valley Springs and Lt. Col. Dave Jefferies in Delmont. Col. John Seten and Lt. Col. Rick Larsen also were involved in the exercise.

Overall this was a very successful COMEX. Although thunderstorms hampered communications somewhat SDWG successfully checked in on the national HF net and passed traffic to or monitored traffic from all eight CAP USA regions, mostly from Florida, Georgia, Idaho, Indiana, Idaho, Michigan and Washington Wings.

Thanks to all who participated. We hope to expand participation in Exercise Constant Watch exercise next year.



LEFT: MAJ. FILLER AND CAPT. SCHMID PREPARE TO FLY THE AIRBORNE REPEATER MISSION
CENTER: (L-R) LT. HINKHOUSE, CADETS HOLMBERG AND ORTEGA, LT. COL. HUNTINGTON AND CAPT. GABERT
RIGHT: SM SHAWD IN HIS VERY WELL EQUIPPED "RADIO SHACK"
PHOTOS BY CAPT. GABERT/CAPT. FOY



WING DIRECTOR OF AEROSPACE EDUCATION

Maj. Rodney "Buck" DeWeese, CAP

There is support for another trip to the Oshkosh Airshow. The EAA is sponsoring a bus and they still have room for about 20 more folks. Each person is responsible for making their own reservation with EAA. However, CAP/AE will give \$100.00 scholarships to help offset cadet expenses after they return from Oshkosh. Seniors and parents fund their own trip. If cadets want to go without parents, we'll consider helping sponsor up to two Seniors. If you cancel for any reason, the \$100.00 scholarship is forfeited along with your deposit to EAA. If you have any questions contact me at deweese@rushmore.com or 605-641-2362.

Attached as the last page is the current Oshkosh Airshow flyer.

SQUADRON HIGHLIGHTS

CRAZY HORSE COMPOSITE SQUADRON (SD-068, CUSTER)

(Items by Lt. K. Bierwirth)

- **INTEGRATING CADET INSTRUCTORS**: The squadron has been working on improving our programs and giving the cadets more responsibility. One example of such was C/SMSGT Thomas Dillon led a Character Development class.
- **DRUG DEMAND REDUCTION**: We are moving forward with the DDR portion of CAP. Our first class was “React with a kiss” where the cadets learned how being impaired can even affect opening a candy kiss.
- **EMERGENCY SERVICES TRAINING**: C/Lt Jason Parry taught an ES class on running a ground search. Some of the topics addressed included organization and operation of a telephone alert system, conducting a line search, marking a search route, and post mission individual refit. Not only did the cadets learn a great deal, they got to practice their newly learned skills between the rain drops.
- **CAMP VOLUNTEER CLEANUP**: Crazy Horse and Rushmore squadrons combined efforts to clean up Camp Volunteer in preparation for the May SAREX. The facilities of the church-affiliated camp, about 3 miles south of Custer and across from the airport, will be used for billeting. We learned the value of team work to get things done working together. Members of both units shared a great meal and enjoyed each other’s company.

PIERRE COMPOSITE SQUADRON (SD-038, PIERRE)

(Item and photo by Lt. Col. Gatje)



MEMORIAL DAY CEREMONY: Pierre Squadron members Lt. Col. Lois Schmidt, Lt. Col. Tam Gatje, Lt. Jon Becker and C/MSgt Hannah Becker participated in the Pierre citywide Memorial Day event. It was held at the Riggs Theater on Monday, May 25. Veterans of all branches of the United States Armed Forces were in attendance. A wreath was placed for each of the veteran’s organizations in attendance, including Civil Air Patrol. Father Michael Griffin was this year’s guest speaker. He was a Chaplain in the National Guard. Pierre’s Capital City Band provided the musical program that enhanced the ceremony. Lt. Becker performed Taps, ending the program. In the photo Chaplain Griffin addresses the audience.

RUSHMORE COMPOSITE SQUADRON (SD-031, RAPID CITY)

(Item submitted by Maj. Kipp with input from Lt. Col. (Ret) Marc Miller, Douglas HS AFJROTC)

- **AFJROTC FLIGHT ORIENTATION PROGRAM**: On 2 May, Col. Mike Beason flew the second of three planned Flight Orientation Program (FOP) flights for Air Force Junior Reserve Officers Training Corps cadets. Three cadets, C/MSgt Levi Beckwith, C/A1C Michael Hendricks and C/A1C Michael Swan from Douglas High School’s AFJROTC program in Box Elder went aloft. On 26 May, Lt. Col. Chuck Trumble flew the third of the three FOP flights. Three more cadets from Douglas High School’s Air Force JROTC program, C/SrA Tristan Fletcher, C/SrA Bryce Lambert and C/SrA Riley McMeekin went aloft. The first FOP flight was flown on 28

April by Maj. Goodrich with AFJROTC C/SSgt Nick Kochutin and C/SrA Kevin Armstrong on board. In the photo (L-R) are AFJROTC C/A1C Hendricks, C/A1C Swan and C/MSgt Beckwith. SDWG looks forward to doing more of these flights in the future.



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

(Item by Capt. Schmid)



- **CADET O-RIDE**: On 9 May, Capt. Neil Schmid took C/Amn Oscar Holmberg and C/A1C Chris Schuppan aloft on an orientation flight to the Mitchell Municipal Airport, about 75 miles west of Sioux Falls.

Oscar was at the controls for the sortie to Mitchell. Then they landed so Chris could move to the co-pilot's seat. Chris was at the controls for the sortie back to Sioux Falls.

It is believed that this was a milestone for Capt. Schmid - his 50th Cadet Orientation flight!

★ ★ PROMOTIONS ★ ★

Senior Member Promotions



Congratulations to Morgan “Dani” Black of Rushmore Composite Squadron on her promotion to the rank of Captain!



Congratulations to Peter Bierwirth of Crazy Horse Composite Squadron on his promotion to the rank of Second Lieutenant!

Cadet Noncommissioned Officer Promotions



Congratulations to Thomas Dillon of Crazy Horse Composite Squadron in Custer on his promotion to the rank of Cadet Senior Master Sergeant and receipt of the General Jimmy Doolittle Award!



Congratulations to Graham Dinnel of Big Sioux Composite Squadron in Brookings and to Kyle Kreger of the Sioux Falls Composite Squadron on their promotion to the rank of Cadet Master Sergeant and receipt of the Charles Lindbergh Award!



Cadet Airman Promotions



Congratulations to Anthony Dillon of the Crazy Horse Composite Squadron on promotion to the rank of Cadet Senior Airman and receipt of the Mary Feik Award!



Congratulations to Shauna Fogarty of Sioux Falls Composite Squadron on her promotion to the rank of Cadet Airman and receipt of the General J.F. Curry Award!



★ ★ KUDOS ★ ★



- **CHARACTER DEVELOPMENT INSTRUCTOR**: In May, Wing Chaplain (Lt. Col.) Gary Rae presented Lt. Thomas Delaney of the Big Sioux Composite Squadron in Brookings with the certificate appointing him as a CAP Character Development Instructor (CDI). CAP CDIs are part of the CAP Chaplain Corps and are appointed to provide character development instruction as part of the cadet program under the guidance of the Wing Chaplain. The CDI works directly for the squadron commander while maintaining liaison with the Wing Chaplain. Senior Members selected for appointment as a CDI are required to undergo a stringent vetting process by NHQ before appointment by National Chaplain, Col. James Hughes. Lt. Dalaney is one of the first to be appointed under the revised CAPR-265-1 and the first CDI to be appointed to the squadron. Following appointment, and upon completion of training, CDIs may wear the specialty track badge.



TECHNICIAN LEVEL BADGE FOR A CDI.
IN THE PHOTO CHAPLAIN RAE PRESENTS THE CDI CERTIFICATE
TO LT. DELANEY



Congratulations Capt. James Dillon of Crazy Horse Composite Squadron who received a Certification of Appreciation and a challenge coin for all of his the hard work and challenges he has overcome to get to where he is today.



Congratulations to C/SMSGT Thomas Dillon of Crazy Horse Composite Squadron who received a Certification of Appreciation for his excellent leadership skills and for using those skills to further the squadron's cadet program. Thomas really enjoys teaching and sharing his knowledge with others.



Congratulations to Maj. Bruce Kipp of the Wing Staff on earning "Senior" level in specialty track – Historian in the Senior Member Professional Development Program!



Congratulations to Maj. David G. Small Jr., SDWG Chief of Staff, who attended the week-long National Staff College at CAP NHQ at Maxwell AFB, Alabama. CAP's capstone professional development course enhances executive management and leadership skills. The National Staff College is a requirement for CAP's highest professional development achievement, the Gill Robb Wilson Award.



Congratulations to the following individuals who updated and/or completed various Emergency Services qualifications at the Custer SAREX:

- Maj Craig Goodrich – Updated IC3 and PSC
- Lt. Andy Weathers – Completed Mission Observer
- Capt. Doug Robbins – Completed Mission Scanner
- Lt. Col. Gary Hewett – Updated Mission Pilot/Mission Check Pilot
- Lt. Col. Chuck Trumble – Regained status as Mission Pilot/Check Mission Pilot
- Capt. Lisa Swanson – Completed Mission Observer



Congratulations to Capt. Patrick and Lt. Jamie Nowlin of Rushmore Composite Squadron welcomed their son Josiah Patrick Nowlin on 20 May 2015 at 9:40pm. The future cadet weighed in at 6lbs, 15oz, and was 20 inches long.

★ ★ SOLAR IMPULSE-2 ★ ★

5 Days, 5,000 Miles, Fueled Only by the Sun: *Solar Impulse-2's* Pacific Crossing



By Emily Rouhala for Time Magazine [Edited]: On 26 May, a Swiss man named André Borschberg will take off from an airport in Nanjing, China, and fly for roughly 120 hours straight. He will travel east and south across the vast Pacific, spending days and nights over deep, dark sea as he hurtles toward Hawaii in an airplane powered by the sun.

Borschberg and fellow pilot Bertrand Piccard have spent more than a decade preparing to fly their solar powered aircraft, *Solar Impulse-2*, around the globe. There will be 12 flights total, with the pilots taking turns at the helm of the single-seat aircraft. The around the world trip began 9 March in the United Arab Emirates.

“Adventure is where when you learn to be more open to the unknown,” says Piccard.

Once *Solar Impulse-2* leaves Nanjing, there will be few certainties. A flight like this has never been done. The 5,000-mile leg will be a technical and physical test. Priority No. 1 is marshaling the sun, Borschberg says.

During the day, *Solar Impulse-2* will fly high while capturing energy. When darkness falls, the engines will be cut and the plane will soar for several hours, losing altitude. At some point, the engine will start drawing on battery power. Then, at daybreak, the cycle begins again.

The flight will not be easy on the pilot. Seated in tiny cockpit, the 62-year-old will be awake for most of the flight, resting only for 20 minutes at a time. The conditions in the plane will be far from first-class comfort: the space is small, and the temperature and air pressure will vary dramatically through the trip. At some points, he will be able to communicate with mission control in Monaco. If things go wrong, he could be on his own.

Flying a plane like *Solar Impulse-2*, which is incredibly light, means working with the elements, not racing through them. “The more extreme the airplane, the more you have to have nature on your side and not the other way around,” Borschberg says.

UPDATE: The *Solar Impulse-2*, which took off from Nanjing, China on 31 May bound for Hawaii, was forced to land at Nagoya, Japan because of bad weather. The around-the-world journey started in March in Abu Dhabi, and the plane has stopped in Oman, India, Myanmar and China. The 8,175-kilometer (5,079-mile) flight from Nanjing to Hawaii was the seventh of 12 flights and the longest and most dangerous.

Source: <http://time.chnah.net/a/tBVYxGKBASRffB84oq1BRdMCx7f/time14>

Photos are screen captures from the article



SOLAR IMPULSE-2 IN FLIGHT



SOLAR IMPULSE-2 COCKPIT VIEW AT NIGHT IN CHINA

★ ★ **SOCIAL MEDIA REMINDER** ★ ★



SDWG has begun to increase the use of social media to get the word out to the public as to who we are and what we do, AND to keep our members informed of the latest wing news and information.



“Follow” us on Facebook at www.facebook.com/SDWingCAP and

“Like” us on Twitter at [@SDWingCAP](https://twitter.com/SDWingCAP)



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_____ Quad Occupancy \$475/person-
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**Experimental Aircraft
Association
Chapter 289**

Tea, South Dakota

For further information:

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chagen@naisiouxfalls.com

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captgar1@gmail.com



Hosted by:

EAA Chapter 289

**Bus Tour
to
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July 23-26, 2015

Bus Tour from Sioux Falls to OSHKOSH 2015

July 23-26, 2015

* Double occupancy:

Non- A/C room- \$370/person

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Or

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Non- A/C room- \$470/person

A/C room- \$625/person

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A quad requires 4 occupants. They are 4 single bedrooms with two bathrooms, a shower, lounge and kitchen.

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Price includes:

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- Flight line passes for 3 days of AirVenture
- Admission to the world-class EAA AirVenture Museum and Pioneer Airport is included with daily admission.

EAA Chapter 289 members will have the first chances to reserve their seats until January 1, 2015.

A deposit of \$100 is required per person to hold your seat. The balance will be due in full by June 1, 2015.

Any cancellations after July 1st will forfeit \$100 deposit. No refunds for cancellations after July 15, 2015.



Adults must be an EAA member: \$40 per year national dues and \$25 per year local dues. Married couples only need one membership.