



## “THE SKYCHASER”

South Dakota Wing Electronic Newsletter for May 2018

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

Publishers: Wing Commander Colonel David Small Jr. / Wing Vice Commander Lieutenant Colonel Buck DeWeese  
Editor: Lt. Col. Bruce Kipp • Wing Director of Public Affairs • (605) 261-4507 • bruce.kipp@sdcap.us

Follow us on Facebook at [www.facebook.com/SDWingCAP](http://www.facebook.com/SDWingCAP) and Like us on Twitter at [@SDWingCAP](https://twitter.com/SDWingCAP)

### WING TIPS

**REDCAP – ELT SEARCH:** Late in the evening of 10 April, 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 Larsen, Lt. Col. Ron Evenson, 1<sup>st</sup> Lt. Jerry Hayden and C/CMSgt Jacob Roth. Within about an hour of the 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 C/Capt. Kyle Clement, 2<sup>nd</sup> 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 in the area of Sioux Center, IA. A Ground Team was organized and dispatched in that direction. The team consisted of C/Capt. Kyle Clement, 2<sup>nd</sup> Lt. Denise Clement and C/CMSgt Jacob Roth. Shortly after noon on 11 May a CAP aircraft (N397A, C-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. 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.



THE ELT'S ORIGIN



TAIL NUMBER



GROUND TEAM MEMBERS

- **SEARCH AND RESCUE EXERCISE:** On 5 May, South Dakota Wing held a Search and Rescue Exercise (SAREX) in Pierre. The purpose of the exercise was to train new mission staff members, aircrew and ground search team members. Three aircraft (all Cessna-182s), six vehicles and some 40 personnel from across the Wing took part in the training. The activity was focused on three scenarios; a man missing on Ford Island, an ultralight aircraft with a student pilot missing in the Pierre area, and a small aircraft missing on a flight from Chamberlain to Pierre. The scenarios were well crafted; CAP aircraft took to the skies to conduct visual and electronic searches and ground search teams were dispatched to Ford Island. One of the scenarios contained a snippet of information that for the first time in several years triggered the Wing Crisis Communications Plan, which, despite the name, is about reporting information to the media. A great deal of effective hands-on training was accomplished ensuring SDWG is ready to respond when presented with a real-world emergency situation.



GROUND TEAM IN THE FIELD



RUGGED TERRAIN IN THE SEARCH AREA



AERIAL SEARCH TARGET AIRCRAFT

- **AIR FORCE CHANGING FATIGUE UNIFORM:** The Air Force is officially making another uniform change, transitioning to the US Army's Operational Camouflage Pattern. The service will ditch the Airman Battle Uniform (ABU) for the OCP over the next three years, with the expectation that all airmen will be wearing the OCP by April 2021. The decision to transition to the Army pattern uniform came after feedback



from airmen that it is the best, battle-tested utility uniform available. The transition means these airmen will only need one uniform, instead of separate uniforms to be worn while deployed and while at their home station. The Air Force will differ from the Army in velcro patches, name tape and insignia by using a "spice brown" color. Special functional identifiers—security forces, combat controller, etc.—and unit patches will be worn on the left sleeves, with the US flag and headquarters patches on the right sleeves. First lieutenants and lieutenant colonels will have black rank insignia to differentiate them from second lieutenants and majors. The OCP uniform will be worn with tan tee-shirts and belts.

- **AERIAL WILDLIFE SURVEYS**: SDWG flew 6 aerial surveys of terrestrial wildlife over 6 days in May 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 17.1 hours flying over western South Dakota and the Black Hills and 3.3 hours flying over eastern South Dakota for a total of 20.4 flight hours. CAP pilots were: Lt. Col. Gary Hewett, 4 sorties; Lt. Col. Buck DeWeese, 1 sortie; 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 big horn sheep, one of the critters tracked by GF&P and SDSU researchers.

## HANGAR TALK

- **ADS-B**: Maj Justin Johnson, SDWG Aircraft Maintenance Officer, reported that at the end of May the last of our six aircraft completed ADS-B installation. ADS-B (Automatic Dependent Surveillance – Broadcast) is an aircraft tracking system in which an aircraft determines its position via satellite navigation and periodically broadcasts it, enabling it to be tracked. The information can be received by air traffic control ground stations as secondary radar surveillance as no interrogation signal is needed from the ground. It can also be received by other aircraft to provide situational awareness and allow self-separation. Pilots with Electronic Flight Bags, such as ForeFlight, will now be able to get ADS-B information on their iPad or other personal electronic device, as well as have ADS-B air traffic displayed on their device and displayed on the aircraft avionics. ADS-B's biggest benefit is safety and it will also ultimately allow greater traffic density in the US. The FAA has ruled that ADS-B must be on for all aircraft by 2020. Currently only a few CAP wings are fully compliant. Thanks to Maj. Johnson for seeing the project to completion!

- **MORE VIRB**: SDWG is planning to have four new NHQ VIRB camera mounts installed on the aircraft in the next couple of weeks. We expect to have the last two installed as the aircraft come in for scheduled maintenance.

## STAFF NOTES



### **WING COMMANDER**

Col. David Small Jr., CAP

- **VIP TOUR**: On 30 May, Col. John Edwards, Commander of the 28th Bomb Wing and Ellsworth AFB commander was given an aerial tour of Ellsworth AFB in a CAP Cessna-182 flown by Lt. Col. Craig Goodrich. Col. Edwards wanted to view the outskirts of the base from the air, so he would be aware of any encroachment issues. He confirmed, and took photos to prove EAFB doesn't have any serious encroachment issues right now, so it is still a prime candidate for the base to get the new Northrop Grumman B-21 bomber when it takes to the air in about 2025.

- **SAREX**: The wing is looking for maximum participation in the SAREX on 8-9 June. Cadets will billet overnight at a CAP members home or camping if they bring a tent. Cadets need to remember to coordinate with their chain of command, and their parents. Please sign up at: <https://www.eventbrite.com/e/mitchell-practice->

[sar-eval-tickets-45921287808](http://www.rosewoodbarn.com/). The SAREX starts on Friday evening with some UAV training at 1800 at the Rosewood Barn Lodge (<http://www.rosewoodbarn.com/>). Sign in for the SATURDAY training will start at 0730 at the Dakota Flight Center at the Mitchell, SD, Airport. Saturday training will wrap up by 1700. This is a practice SAREX for our evaluated SAREX coming in August, and the last SAREX before August

- **NATIONAL CONFERENCE**: NHQ is encouraging members to attend the 2018 National Conference in Anaheim, CA. Lots of great things will be happening at this year's conference, [Check out the conference main page for details](#).

**Early-bird conference registration** is open until midnight, 18 June for the discounted rate of \$199.00 for the "All Access Bundle" (includes conference registration, admission to the Opening Reception, Commander's Call to Prayer, and one banquet ticket): \$110.00 for early-bird conference registration, \$75.00 for early-bird banquet tickets, \$10 for admission to opening reception, \$5.00 to the Commander's Call to Prayer (beverages served)

All members registering for the conference before June 18<sup>th</sup> will also have a chance to win one of several prizes including Visa gift cards and one of 4 complimentary conference registrations! [Register now!](#)

Don't miss the outstanding professional development opportunity of participating in some of the [68 scheduled learning labs](#). Want to learn more about Operations, Emergency Services, Communications, Aerospace Education and STEM, Public Affairs, Cadet Programs, Commander Development and more? Arrive early and take advantage of over a dozen pre-conference courses highlighting your interests. One day preconference courses cost as little as \$20. [Click here for more info](#).

Reserve your accommodations now at the [Anaheim Marriott](#) for the special rate of \$139/night. Located adjacent to Disneyland and within walking distance to many restaurants of all prices.



## **WING CHIEF OF STAFF**

Maj. Nick Gengler, CAP

- SDWG has received congratulations from North Central Region Commander, Col. Regena Aye, for our diligence in the area of compliance. We have submitted the 2017 annual historical report as well as the two annual public affairs plans for 2017. We have also been commended for doing great work closing out Subordinate Unit Inspections (SUIs) and working on Compliance Inspections (CIs). Thank you for all your work in these areas. It is really appreciated.



## **DIRECTOR OF AEROSPACE EDUCATION**

1<sup>st</sup> Lt. Tim Modde, CAP

- SDWG is organizing its Aerospace Education weekend for July 13/14/15 in Philip. The specific agenda is still being formulated but will include o-rides in both CAP powered aircraft and the Wing's newly acquired glider. Model rocketry exhibitions and group exercises will be conducted and will provide a great opportunity to earn a Rocketry badge for those who come prepared. We also hope to have aircraft flight simulators available. The Wing will also use the event to provide both additional rockets and UAV STEM kits for discovery by

cadets. The local community has granted CAP special use of the airport facilities and will be a great opportunity for fun, camaraderie, and learning. Cadets will have the opportunity to camp out or stay in a local motel. Meals will be prepared on site and available at the local community. There will be a \$25 fee for meals.

---



## **DIRECTOR OF PROFESSIONAL DEVELOPMENT**

Col. Mary Donley, CAP

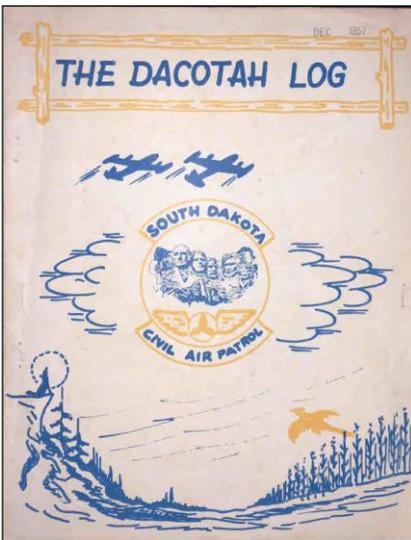
- All senior members in Level III and IV---last chance to register for North Central Region Staff College 2018. Dates are 12-16 June 2018 in Sioux Falls at the Army Regional Training Institute! Cost is \$50. Eventbrite registration is closed but if you still want to come contact me at: [mary.donley@sdcap.us](mailto:mary.donley@sdcap.us) or call me at 605-321-8056! Last chance!

---



## **ASSISTANT WING HISTORIAN**

Lt. Col. Bruce Kipp, CAP



- **THE DACOTAH LOG**: I came across an old SDWG hardcopy newsletter "The Dacotah Log", dated Volume I, Number 10, December 1957. It seems that the newsletter began being published in February 1957 and was, at that time, monthly.

The other "The Dacotah Log" I have seen was dated Volume II, Number 5, July-August 1958. It seems that it changed from being published monthly to probably every two months.

The SD Wing Commander listed for both issues was Colonel Rupert Brzica who commanded the Wing from September 1955 to July 1960.

Does anyone know the month/year when "The Dacotah Log" began to be published? Does anyone know the month/year when "The Dacotah Log" ceased publication? Does anyone have "The Dacotah Log" with other dates?

## **SQUADRON HIGHLIGHTS**

### **BIG SIOUX COMPOSITE SQUADRON (SD-058 – BROOKINGS)**

(Items and photos submitted by C/CMSgt Austin King and C/Capt. A. Klosterman)

- **ES TRAINING**: On 26 May our squadron had an Emergency Services training day for our cadets and seniors. The purpose was to work towards the goal of having everyone Ground Team Member Level 3 qualified. We worked on many things including: basic first aid, litter carry, basic radio communication, search line, whistle signals and attraction techniques. The final exercise was a missing person search testing the qualifications of each cadet. Overall the event was a success and all the cadets had a fun time. Special thanks to Ms. Lisa Arndt, RN, for providing basic first aid and CPR training with practice dummies.



PREPARING FOR SEARCH OPERATIONS



LITTER CARRY



- **FEEDING SOUTH DAKOTA:** On 31 May, members from the Big Sioux Composite Squadron and Sioux Falls Composite Squadron assisted with Feeding South Dakota's BackPack Program. This program provides at-risk children with nutritious, easy-to-prepare foods during weekends and holidays when school is not in session. Cadets helped unpack the groceries and then distributed the food items into bags for individual distribution.



- **BRANDON PARADE:** The 52nd annual Brandon Loyalty Day Parade was held on 6 May. The parade is a mixture of being thankful for our Country, honoring those who have served, and just having a great time! Dignitaries from many VFW locations start off the parade, followed by floats from various Brandon businesses and organizations, marching bands and the smile inducing antics of El Raid Shrine performers. It was the first parade of the summer for the squadron's Color Guard and cadets. The Color Guard consisted of C/TSgt Lydia Klosterman, C/Capt Annabelle Klosterman, C/CMSgt Isaiah Klosterman, and C/Capt Mariel Klosterman.



- **CADET CHANGE OF COMMAND:** On 24 May, Cadet Captain Annabelle Klosterman assumed command of the squadron's cadet corps from Cadet Captain Mariel Klosterman. In a time-honored traditional change-of-command ceremony C/Capt M. Klosterman symbolically transferred cadet command authority to C/Capt A. Klosterman.

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

(Items and photos submitted by Capt. Bierwirth)

- **ARBOR DAY:** The Squadron participated in the Arbor Day Foundation's Tree City USA Event. Our ground team skills came in handy helping to plant trees for our community.



LEFT: (PHOTO BY CAPT. DON WEIAND), C/A1C ALEXANDER HEINRICH, C/AMN PRESTON DREW, C/2<sup>ND</sup> LT THOMAS DILLON AND ARBOR DAY FOUNDATION MEMBER, C/SRA AMELIA WEIAND

RIGHT: (PHOTO BY ALFRED HEINRICH), C/A1C ALEXANDER HEINRICH, C/2<sup>ND</sup> LT THOMAS DILLON, C/AMN PRESTON DREW, CAPT. DON WEIAND, C/SRA AMELIA WEIAND AND C/SRA JORDAN WEIAND



- **MEMORIAL DAY ACTIVITY:** On 25 May our squadron was invited by the Custer American Legion Post #46 to help place flags at the Veteran's Graves located in the Custer Cemetery in honor of Memorial Day.

Members participating were (left to right): C/A1C Alexander Heinrich, C/Amn Preston Drew, C/2<sup>nd</sup> Lt Thomas Dillon, C/SrA Amelia Weiland and Capt. Donny Weiland. The photo was taken by Ms. Wendy Drew.

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

(Item submitted by Maj. Collister)

- **WELCOME ABOARD:** Please welcome Micah Byrd of Spearfish as the newest member of our squadron. We are pleased that you decided to join Civil Air Patrol and pleased to have you in our unit. We look forward to your rapid advancement through our dynamic cadet program.

## **PIERRE COMPOSITE SQUADRON (SD-038 – PIERRE)**

(Item submitted by Lt. Col. McKenney)

- **MEMORIAL DAY SERVICE:** On 28 May Lt. Col. Nancy McKenney, Maj. Marlin McKenney of Onida and Lt. Col. Lois Schmidt of Pierre from Civil Air Patrol attended the Pierre Memorial Day Services. Lt. Col. McKenney presented the Laying of the Wreath in honor of Civil Air Patrol. After the service they attended the fellowship at the American Legion cabin served by the VFW Auxiliary

## **RUSHMORE COMPOSITE SQUADRON (SD-031 – RAPID CITY)**

(Item and photo submitted by Col. Small, Lt. Col. Goodrich)



- **VIP VISIT:** On 31 May, Col. John Edwards, Commander of the 28th Bomb Wing and Ellsworth AFB commander talked with about 15 Rushmore cadets at the squadron headquarters. He spoke about why the Cadet Program is so important. Col. Edwards was a cadet officer in Hawaii about 30 years ago. In the photo, squadron commander Capt. Mike Johnson presents Col. Edwards with a squadron patch as a memento of his visit.

## **SIoux FALLS COMPOSITE SQUADRON (SD-050 – SIOUX FALLS)**

(Items and photos submitted by 1<sup>st</sup> Lt. M Klosterman)

- **MEMORIAL DAY EVENTS:** The squadron was busy with Memorial Day events starting on Thursday, 24 May in the evening. There were over 3000 graves of deceased veterans at the Hills of Rest Cemetery. A flag is placed beside each and every grave. The Color Guard presented the colors at the ceremony and joined the rest of the squadron in placing the flags on the graves. On 26 May, Lt. Col. Tim Steppan and the members of the Color Guard of the Sioux Falls Composite Squadron and Big Sioux Composite Squadron participated in the raising of the flag at the wreath laying ceremony at the Hills of Rest Cemetery. Immediately after that, they posted and retrieved the colors at the Memorial Day service at the Sioux Falls VA Medical Center. The Color Guard Color raising the flag at Hills of Rest Cemetery consisted of: C/MSgt Kaleb Sarchet, C/TSgt Lydia Klosterman, C/CMSgt Peter Willison, and C/SrA Andrew Smith. The Color Guard posting the colors at Sioux Falls VA Medical Center consisted of: C/MSgt Kaleb Sarchet, C/CMSgt Sydnie Cloutier, C/CMSgt Peter Willison, C/SrA Andrew Smith and C/SSgt Daniel Willison.



**HILLS OF REST FLAG EMBLEMENT**



**COLOR GUARD AT VA MEDICAL CENTER**



- **O-RIDES:** Pilots Lt. Col. Greg Lair flew with cadets C/CMSgt Sydnie Cloutier and C/MSgt Kaleb Sarchet while Capt. Matt Meert flew with C/Amn Henry Volk and Cadet Brayden Parke for orientation flight. This was Cadet Parke's first orientation flight and here's what he had to say about his experience, "The O-flight was an amazing experience. The pilot is super nice. You even get to fly the plane; it's an amazing view from the plane! We flew to Madison, it was really cloudy day and if you want to, he will even fly by your house! The pilot explained all of the fancy gadgets and what all of them did. He showed us the check list of the things you need to check before you can take flight." In the photo left to right are Cadets Volk, Parke and Capt. Meert.

# ★ ★ PROMOTIONS ★ ★

## Senior Member Promotion

 Congratulations to Richard Rezac of the Pierre Composite Squadron on his promotion to the rank of Second Lieutenant!

## Cadet Officer Promotion

 Congratulations to Isaiah Klosterman of Brandon, a member of the Big Sioux Composite Squadron, on his promotion to the rank of Cadet Second Lieutenant and receipt of the milestone Billy Mitchell Award!



## Cadet Noncommissioned Officer Promotions

 Congratulations to Caleb Hofer of Hendricks, MN, a member of the Big Sioux Composite Squadron on his promotion to the rank of Cadet Chief Master Sergeant and receipt of the Dr. Robert H. Goddard Award!



 Congratulations to Lydia Klosterman of Brandon, a member of the Big Sioux Composite Squadron, on her promotion to the rank of Cadet Technical Sergeant and receipt of the Captain Eddie Rickenbacker Award!



## Cadet Airman Promotions

 Congratulations to Dennis Crenchaw III of Spearfish, a member of the Lookout Mountain Composite Squadron, and to Jordan Weiland and Amelia Weiland, both of Custer and members of the Crazy Horse Composite Squadron, and to Devin Griffin of Black Hawk, a member of the Rushmore Composite Squadron on their promotion to the rank of Cadet Senior Airman and receipt of the Mary Feik Award!



 Congratulations to Josiah Kilburn of Box Elder, and to Matthew Tracy of Summerset, both members of the Rushmore Composite Squadron, Preston Drew of Custer, a member of Crazy Horse Composite Squadron on promotion to Cadet Airman First Class and receipt of the General Hap Arnold Award!



 Congratulations to Dominic Dvorak of Custer, a member of Crazy Horse Composite Squadron, and to Jalen Allen and Ethan Freidel, of Rapid City, Amber Kelly of Piedmont, Banion Niles of Hot Springs, and Danielle Richards of Box Elder, all members of the Rushmore Composite Squadron on promotion to the rank of Cadet Airman and receipt of the General Curry Award!



## ★ ★ KUDOS ★ ★



Congratulations to SM Richard Rezac of Pierre Composite Squadron who has successfully completed Level 2 of CAP's Senior Member Professional Development Program! In recognition thereof he has received the Benjamin Davis award!

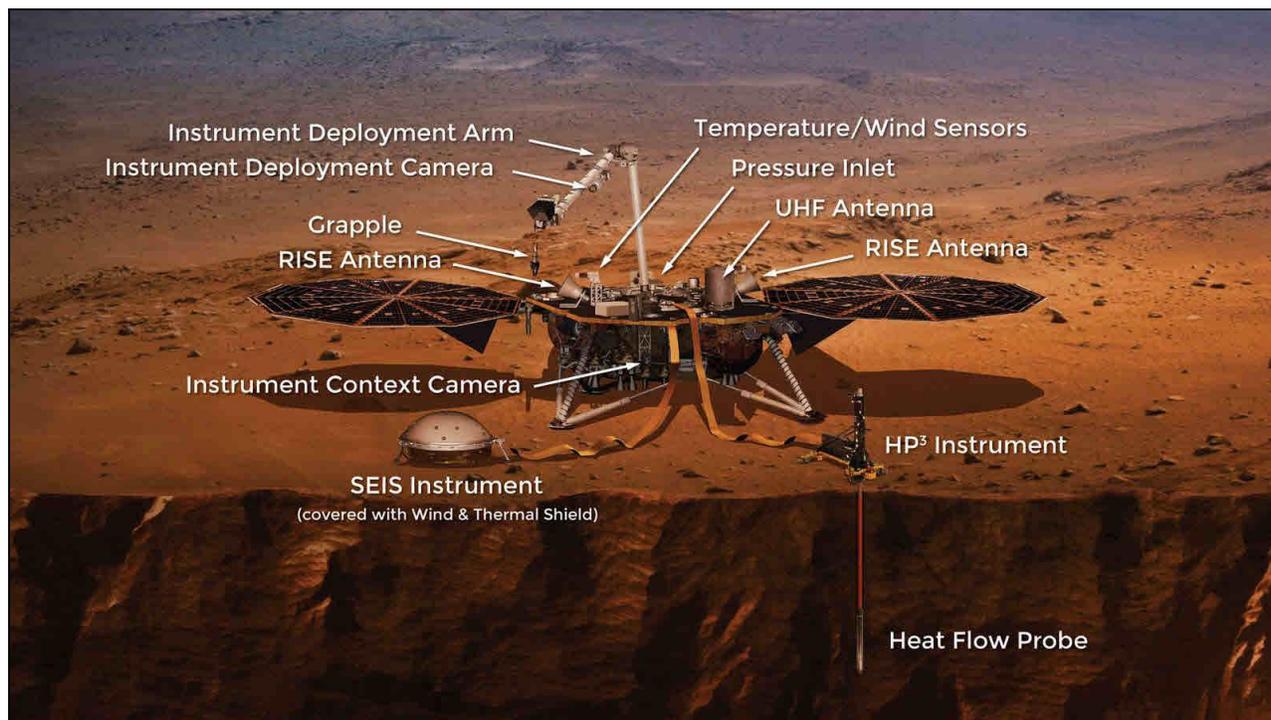


Congratulations to Capt. Tim Modde of Crazy Horse Composite Squadron who completed his Instrument Pilot rating in May!

## ★ ★ INSIGHT TO MARS ★ ★

On Saturday, 5 May, NASA successfully launched the Mars "InSight" lander on top of a powerful Atlas-V rocket from Vandenberg Air Force Base, Calif. The spacecraft is expected to land on Mars on 26 November after a 6 1/2-month, 301 million mile journey to the red planet. The lander is essentially a robotic geologist that will dig into the red planet and explore its mysterious interior. InSight includes a self-hammering heat probe that will burrow down to 16 feet (5 meters) into the Martian soil to measure the heat flow from the planet's interior for the first time. Combining the rate of heat flow with other InSight data will reveal how energy within the planet drives changes on the surface. The rocket that launched InSight also launched a separate NASA technology experiment: two mini-spacecraft called Mars Cube One. These briefcase-sized CubeSats will fly on their own path to Mars following behind InSight. Their objective is to relay back InSight data as it enters the Martian atmosphere and lands. It will be a first test of miniaturized CubeSat technology at another planet, which researchers hope can offer new capabilities to future missions.

Source: Chelsea Edwards, Saturday, May 05, 2018, 9:03:55pm, <http://abc7.com/science/nasa-launches-insight-lander-to-mars-from-vandenberg-afb/3432371/>



## ★ ★ AIR DEFENSE INITIATIVES IN EUROPE ★ ★

**Air Force Starts MQ-9 Operations out of Poland:** The Air Force recently began flying MQ-9s [Reaper UAV] out of Poland. Citing US-Polish interests in addressing regional and global security issues, the announcement said the MQ-9s are being operated at Miroslawiec Air Base “as a visible expression of U.S. efforts to enhance regional stability.” The mission is coordinated with Poland and “is designed to promote stability and security within the region and to strengthen relationships with NATO allies and other European partners. “ —Steve Hirsch

**NATO to Begin Air Patrols in Montenegro:** NATO will begin air patrols on June 5 to protect Montenegro air space; about one year after the country joined the alliance. Montenegro does not have an air force, so Italy and Greece will deploy next week for NATO’s newest air policing mission. In addition to this mission, Spain, Portugal, and France are currently deployed for air policing missions in Lithuania, Latvia, and Estonia. Additionally, Italy helps patrol Slovenian airspace and the United Kingdom supports air patrols in Romania. — Brian Everstine

Source: Air Force Magazine, Daily Report, Wednesday, May 30, 2018

