



SDPA News

Newsletter of the South Dakota Pilots Association (www.sdpilots.org)

Volume 25, Number 3

May-June 2018

President's Column

Greetings everyone,

This past four months has been wild and confusing since our January meeting was canceled due to terrible weather. In my tenure I don't recall a time in which we canceled a single meeting, let alone two successive meetings!

However, we are gaining ground on our ability to keep members aware on fast developing issues. Kudos to **Dwayne LaFave** for taking the time and using his internet talents to create an email connection to all our members with an email address. This line of communication was instrumental in getting the word out for the postponement of the April meeting in Brookings resulting from the freak blizzard on April 13-14th, and the last warning from NBAA about the Congressman Shuster's last ditch effort to revive the ATC privatization ploy.

In addition to the quick response email setup, **Steve Hamilton** reported at the April 28 meeting in Brookings on the costs and opportunities of giving the SDPA website a facelift with new pictures and increased functionality. The concept of a website update with added capability was unanimously accepted among those present, even though many technotards like myself don't quite understand what or how it will be facilitated. A budget was approved to make the improvements and there will be more to report on in future meetings. Members were asked to review other state's pilot association websites (many of which are linked on the SDPA site) and make recommendations to **Steve** within the next month as to what they would like to see in the new SDPA site.

The Brookings meeting was well attended and **Cody Christensen** gave a great presentation on aviation education and the direction aviation training is headed. Thanks also to

Cody for providing a great meeting site and home-made chocolate chip cookies!

Another optimistic turn this spring was the ability of the nations General Aviation community to defeat the Legislative effort to privatize ATC. Although nothing is ever totally over, this proposal seems to have been buried for the time being (crossing my fingers). The SDPA played an important role, largely due to individuals contacting our Senators and Congresswoman. Our congressional delegation was pivotal in this battle with Senator **John Thune** serving as Chairman of the Senate Commerce Committee and Congresswoman **Kristi Noem** on the Ways and Means Committee. We can be proud of our efforts and the response of our congressional delegation on this important issue.

With the weather finally making a turn for the better, it was great to see several folks flying into Brookings. **Harvey Spieker** flew his 182 in from Clark, and **Lee Vaughn** and **Marsha Sumpter** flew in from Philip, and picked up **Myra Christensen** in Pierre on the way in. I hope everyone is getting the chance to enjoy South Dakota's infinite variety from the skies.

Hope to see as many members as can make it to the next meeting in Sturgis on June 9th.

Take care and fly safe.

Tim Modde, SDPA President
"Promoting General Aviation in South Dakota - Serving all pilots, mechanics, and aviation enthusiasts" SDPA

New*, Rejoined, & Renewed Members

John Baumiller, Chancellor
Mike Beason, Rapid City
Jon Becker, Pierre
Bruce Beecroft, Sioux Falls
Brian Bergeleen, Wessington Springs

Kevin Bjordahl, Milbank
Rob Burton, Rapid City (5 years)
Scott Campbell, Watertown
Aaron Christensen, Rapid City
Steve Christensen, Platte
Jerry Chaon, Canton
Gary Dettman, Spearfish*
Brad Docken, Rapid City
James Fritz, Hot Springs
Chris Funk, Volga (5 years)
Spencer Hawley, Brookings
Tyler Hearnen, Glenham*
Warren Hovland, Brookings
Kevin Huber, Aberdeen
Mary Ellen Hutchison, Sioux Falls
Jeff Jackson, Mobridge
Darrel Jensen, Redfield
Dale Johnson, Sturgis
Albert Kasemodel, Renner
Brittany Kerr, Highmore
Barbara Knott, Rapid City
Norma Kraemer, Deadwood
Marty Larson, Rapid City
James Loomer, Mitchell
Lynn Mayer, Pukwana
William McDaniel, Lantry
Brian McKay, Covina, CA
Jerry Miller, Garrison, ND
Daniel Moerke, Brookings
Bill Nelson, Canton
Steve Olson, Sioux Falls
Reuben Parks, Webster
Robert Perry, Emery
Jerry Petersen, Rapid City
Morris Riggan, Madison
Roland Ritter, Pierre
Scott Schramm, Sioux Falls
John Schreurs, Baltic
Doug Sly, Platte
Charlie Summers, Mt. Juliet, TN
Tim Sweet, Watertown
LaDell Swiden, Madison
David Timmons, Pierre
Richard Tupper, Crooks
Tucker Ulmer, Sioux Falls
Jerry Waltman, Brookings
Mark Weber, Hoven
Westjet Center, Rapid City
Wes Wilkens, Watertown
Roger Williams, Langford
Jack Winter, Huron
D'orsay Winthers, Mitchell



We have **378 members including 67 LifeTime members**. The more members, the stronger voice we carry

on aviation issues in South Dakota, the Midwest, and the Nation. Send \$20 to SDPA, 307 West Blaine, Gettysburg, SD 57442-1145, along with mailing

address and contact info.

SDPA

SDPA Meeting – June 9

SDPA meeting at **Sturgis (49B), SD, on Saturday, June 9**. 11:00am: Program will be Darrel Sauder and Jerry Runia telling about their adventures flying their Citabrias into backcountry airstrips in Utah. Noon: lunch with pizza & pop (\$5.00 per person). 1:00pm SDPA meeting with cookies. Contact Steve Hamilton for more information at 605-665-8448 or skyhawk@iw.net.

ARRIVE early and have breakfast at C&B Aviation from ~7:30am to ~10am. Free-will donation.

If a situation warrants canceling a scheduled meeting, we will note it immediately on the web site event calendar AND through an "Email Blast" announcement. If weather or driving conditions are questionable, please check the event calendar or your email prior to travelling to a meeting. SDPA

Member & Guest Comments

Mary Ellen Hutchison (Sioux Falls) wrote on her membership renewal: "Great organization! Steve and you [Mary Carol Potts] are very much appreciated by many. Thanks for all you both do."

Teresa Seykora (Sioux Falls) emailed April 4: (mother of William Seykora, winner of the Becker-Hansen Memorial Scholarship) "I will pass that on to William [Steve Hamilton's comment that Williams' story about flight training was a very nice story for the newsletter.]. Just to let you know that your newsletter gets mileage; everyone in the house reads it and also Grandpa next door. Keep up the good work."

John Schreurs (Baltic) wrote on his membership renewal: "Thank you to all Air Traffic control personnel: especially Joe Frantzen for his many years of excellent service at KFSD: Joe Foss!"

Charlie Summers (Mount Juliet, TN) wrote on his membership renewal: "Thanks much from TN."

Tom Sweet (Watertown) wrote on his membership renewal: "Nice newsletter. Enjoy reading it."

REPLY to all: Thanks for the comments – we'll try to do our best to keep the SDPA membership informed of aviation news in SD.

SDPA



Thank You for Donations

Jon Becker (Pierre) donated \$20 to the Becker-Hansen Memorial Scholarship Fund. This donation was Jon's eighth contribution. *Thank you Jon!*

Bruce Beecroft (Sioux Falls) donated \$30 to the SDPA Scholarships Fund. This donation was Bruce's second

contribution. *Thank you Bruce!*

Steve Christensen (Platte) donated \$80 to the SDPA Aviation Maintenance Technology Scholarship Fund at LATI. This donation was Steve's sixth contribution. *Thank you Steve!*

Spencer Hawley (Brookings) donated \$20 to the SDPA Scholarships Fund. This donation was Spencer's seventh contribution. *Thank you Spencer!*

Warren Hovland (Brookings) donated \$40 to the Becker-Hansen Memorial Scholarship Fund. This donation was Warren's sixth contribution. *Thank you Warren!*

Kevin Huber (Aberdeen) donated \$50 to the SDPA Aviation Maintenance Technology Scholarship Fund at LATI. This donation was Kevin's third contribution. *Thank you Kevin!*

Mary Ellen Hutchison (Sioux Falls) donated \$50 to the Becker-Hansen Memorial Scholarship Fund. This donation was Mary Ellen's sixth contribution. *Thank you Mary Ellen!*

Jeff Jackson (Mobridge) donated \$25 to the SDPA ACE Camp Scholarships Fund. This donation was Jeff's second contribution. *Thanks you Jeff!*

Dale Johnson (Sturgis) donated \$50 to the Becker-Hansen Memorial Scholarship Fund. This donation was Dale's seventh contribution. SDPA mailed Dale a framed Certificate of Appreciation for Scholarship Support in recognition of his generous contributions. *Thank you Dale!*

James Loomer (Mitchell) donated \$20 to the SDPA Scholarships Fund. This donation was James' second contribution. *Thank you James!*

Brian McKay (Covina, CA) donated \$50 to the SDPA Scholarships Fund. This donation was Brian's seventh contribution. *Thank you Brian!*

Verlyn Scheibe (LIFETIME member, Custer) donated \$200 to the SDPA Scholarships Fund. SDPA mailed Verlyn a framed Certificate of Appreciation for Scholarship Support in recognition of his generous contributions. *Thank you Verlyn!*

John Schreurs (Baltic) donated \$15 to the Becker-Hansen, ACE Camp, and LATI Scholarships Funds. This donation was John's ninth contribution. *Thank you John!*

Doug Sly (Platte) donated \$100 to the SDPA Aviation Maintenance Technology Scholarship Fund at LATI. This donation was Doug's third contribution. *Thank you Doug!*

Charlie Summers (Mt. Juliet, TN) donated \$10 to the SDPA Aviation Maintenance Technology Scholarship at LATI. This donation was Charlie's eighth contribution. *Thank you Charlie!*

LaDall Swiden (Madison) donated \$20 to the ACE Camp Scholarships Fund. *Thank you LaDell!*

Roger Williams (Langford) donated \$20 to the SDPA Aviation Maintenance Technology Scholarship Fund at LATI. This donation was Roger's ninth contribution. *Thank you Roger!*

D'orsay Winthers (Mitchell) donated \$10 to the SDPA



Scholarships Fund. This donation was D'orsay's third contribution. *Thank you D'orsay!*

The SDPA provides ACE Camp scholarships (\$1,000), Becker-Hansen Memorial Scholarship (\$2,000), SDPA Aviation Maintenance Technology Scholarship at LATI (\$2,000), and sponsors prizes for the SD Aviation Art Contest (\$250) – total of \$5,250 in scholarships / prizes each year. For those members donating a total of \$200 or more, the SDPA sends a framed Certificate of Appreciation, and for over \$400 the SDPA sends an engraved SDPA paperweight.

SDPA

SDPA Letters / Comments / Displays

The SDPA continues to actively track aviation issues at the state, regional, and national levels and promote general aviation. Here is a summary of the various activities.

Apr 19: SDPA emailed news releases about the Best Maintained Airport of the Year Awards for Basic Service (Clear Lake Airport) to the Clear Lake Courier, Small GA (McLaughlin Airport) to the Sioux County News, and Medium / Large GA (Miller Airport) to the Miller Press.

Apr 25: SDPA emailed Representative Noem to urge her to oppose creation of the **Aerospace Management Advisory Council in Section 5 of the manager's amendment to the FAA Reauthorization bill (H.R. 4).**

SDPA

What's New at , , , , , www.sdpilots.org

We have updated the SDPA web site AGAIN! If you have not visited the web site in a while, here's what's new as of **April 19, 2018**, , , ,

Join page: added names of three new LifeTime members.

Events page: added events on a weekly basis.

Meetings page: added recent meetings and photo & caption of Steve Rathbun's presentation.

GA Promotion page: added recent information on two displays and seven letters / emails / calls.

FLY SD Airports page: added two names of people earning the Silver Level Award.

Scholarships page: added South Dakota Aviation Association & DJ Fischer Foundation Scholarship.

Art Contest page: added information about winners and winner's art work.

SD Aviation Hall of Fame page: added SD Aviation Hall of Fame nominee "fillable" form.

Masters page: added two new Master Pilots.

Other SD Av Organizations page: updated information for new AOPA Great Lakes Regional representative.

Links page: added information for SD "Great Planes" Chapter of Women in Aviation International.

We are currently gathering information for the next web site update. If you become aware of missing, erroneous, or outdated information on the SDPA web site, contact Steve Hamilton at 605-665-8448 or skyhawk@iw.net.

SDPA



Flight Physicals (Class 1, 2 & 3) Sturgis Medical Center George W. Jenter, D.O.



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605-347-3684

gwjenter@rushmore.com

South Dakota Aviation Hall of Fame

The South Dakota Aviation Hall of Fame (SDAHF) is actively seeking nominations for candidates to be inducted in **2018**.

The deadline for submitting nominations is June 15.

The preferred method for submission of nomination forms is email (given on the nomination forms).



The SDAHF is a non-profit South Dakota Corporation whose sole purpose is to educate the public regarding the history of Aviation in South Dakota and the contribution of South Dakota citizens to state and worldwide aviation.

There are two categories for nominees. The **first category** is for nominees who are or have been a resident of South Dakota, and who have accomplished the following milestones (new judging criteria in 2018):

- (1) Major achievements in aviation in SD,
- (2) Significant contributions to the development of others in aviation in SD,
- (3) Special service to the State of SD in aviation activities,
- (4) Activities that bring credit to SD aviation either nationally or internationally,
- (5) Contributions to the local community or the State of SD that are not directly related to aviation (i.e., service clubs, church related, political action, etc.)

Use the fillable pdf form titled "SDAHF nominee form" on the SD Pilots Association web site

(http://www.sdpilots.com/Hall_Fame.htm). Questions and nomination forms and supporting material should be directed to Dwayne LaFave at dwayne.lafave@gmail.com or 605-860-1650.

The **second category** is for nominees who are or have been a resident of South Dakota, and who served their country as an official member of an Air Combat Team in a combat zone during any war or police action. Use the pdf form titled Combat Air Crew nominee form on the SD Pilots Association web site

(http://www.sdpilots.com/Hall_Fame.htm). Questions and nomination forms and supporting material should be directed to Ted Miller at bha@matol.com or 605-642-0277.

For more detailed information about the SDAHF go to the SDPA web site (www.sdpilots.com).

If you have a candidate in mind -- don't procrastinate. **June 15** will be here sooner than you think. We have many



worthy candidates in South Dakota who deserve to be recognized, but it can only happen if those who know of their contributions submit that information to the South Dakota Aviation Hall of Fame. *Get going!!* SDPA

SDPA Meeting – April 28

April 28 was not only the SDPA meeting, but also the **SDSU Flying Jacks** airport breakfast, which was well attended. Kids were enjoying an airplane-shaped teeter-totter (Cody Christensen got it at WalMart), crawling over Chris Funk's golf cart called "Chuck" (painted Cub yellow and a black lightening strip like on Cubs – plus a mouse mechanic with a wrench in one hand and a cigar in his mouth), and playing the corn-bag toss game. The SDSU Flight Simulator was busy with visitors. The Sanford King Air was open for tours, and fly-in planes like a P-51 from Aberdeen attracted visitor's attention on the ramp.

At 11:00am **Cody Christensen** gave a presentation in the second floor classroom about the SDSU Aviation Program. He first talked about his aviation experiences, which included a stint as an airline pilot with Great Lakes Airlines when duty hours were 8 hours and duty days were 16 hours.

Cody talked about using the ProPilot Curriculum for flight training, which includes 60 hours for the private/commercial, 60 hours for the instrument/commercial, and 70 hours for the commercial for a total of 190 hours. The schedule is highly focused and leaves little room for fun flying. Students complete their private in 7 months, instrument in 4 months, commercial in 4 months, CFI in 2-4 months, and CFII-MEI in 4 months: averaging about 215 hours flight time. The aviation program had 55 students in 2015, 98 in 2016, 98 in 2017, and 108 in 2018 – plus seven aircraft, 18 CFIs, and three training devices. Cody discussed "issues" such as a shortage of CFIs and CFI pay, limited number of DPEs, financing tuition and flight training, medical exams, and managing growth of student numbers in the aviation program.

Cody discussed efforts to recruit Native American students from the Cheyenne Sioux Tribe, international students from South Korea and the Middle East (Indochina and China), and legacy students who had someone in the family with an aviation background. He noted that forecasts call for 637,000 new pilots by 2036, and remarked that regional airlines are doing heavy recruiting of new pilots. SDSU graduates with 1,000 flight hours are being hired by the airlines. Cody showed several examples of SDSU graduates and their resulting aviation careers.

He briefly talked about ACE Camp, which is set for July 6-11 at Brookings.

Time for lunch – six large pizzas and four 2-liter pops from Pizza Ranch. Plus popcorn and chocolate chip cookies courtesy of Cody. *Thank you Cody for the presentation and the cookies & popcorn.*

Tim Modde called the SDPA meeting to order at about 1:00pm. Participants included **Steve Hamilton** (Yankton), **Tim Modde** (Hill City), **Myra Christensen** (Pierre), **Lee Vaughan** (Philip), **Marsha Sumpter** (Kadoka), **John Murphy** (Rapid City), **Gary Dettman** (Spearfish), **Denny Martens** (Vermillion), **Bruce Beecroft** (Sioux Falls), **Harvey**

Spieker (Clark), **Jeff Veire** (Sioux Falls), **Mark Eitreim** (Lennox), **John Barney** (Brookings), **Scott Campbell** (Watertown), **Bobbie & Mary Carol Potts** (Gettysburg), **Cody Christensen** (Brookings), and **George Bittner** (Mitchell).

Tim thanked the SDSU Aviation Program for the meeting room and snacks. The meeting minutes of November 11 SDPA meeting held at Westhills Village, Rapid City, were approved as published in the SDPA News (January-February 2018).

Mary Carol Potts gave the **treasurer's report**: balance & reserve on hand January 1: \$36,742.76; total expenses \$3,927.15; total income \$5,292.00; reserve for LifeTime Membership \$15,440.00; reserve for donations for scholarships \$4,018.34, balance on hand as of April 28 (minus reserves for Lifetime members and donations for scholarships) \$18,649.27; balance & reserves \$38,107.61. The report was approved as read.

Steve Hamilton gave the **membership report**: 384 members of which 67 are LifeTime Members.

District 1 Report by Bobbie Potts: Pierre Airport: Mike Isaacs reports that a new spray pad for an aerial applicator is being planned, and a boarding bridge for passengers boarding airliners has been installed. **Faultkon Airport:** Jerod Raeuthz reports that airport projects include land acquisition and runway design for a \$630,000 project. **Gettysburg Airport:** Russell Anderson reports that the new charge card fueling system has been installed. **Hoven Airport:** Jordan Heumiller reports that they were planning an apron replacement. **Onida Airport:** Terry Barber reports that a proposal for a 6-unit hangar is underway. No activities at **Eureka, Miller, or Mobridge** airports.

District 2 Report by Harvey Speiker: Clark Airport will be closed for resurfacing for 3-5 months beginning in 2020 or 2021. **Redfield Airport** will close runway 13-31 on April 23 and will build new runway 17-35 with a projected "open" date of October 30.

Watertown Airport will close taxiway B for some construction, but no runway closure.

Webster Airport's runway is open now, but will be closed for a week of work with a projected finish date of June 1st. Check NOTAMs.

District 3 Report: Dwayne LaFave was absent. John Barney reported that **Flandreau Airport** would be getting a new 3,600' runway located parallel and south of the current runway, which would become the parallel taxiway for the new runway – construction starting in about 2



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years. John also reported that the grass strip at Flandreau was useable.

District 4 Report by **George Bittner** (see separate story).

District 5 Report by **Marsha Sumpter** (see separate story).

District 6 Report: **Sunny Stephens** was absent but provided a report via email (see separate story).

District 7 Report: Chuck Trumble was absent.

President's Report by **Tim Modde**: Tim reported that Representative Rep. Bill Shuster, R-Pa. tried a last minute amendment to the FAA Reauthorization bill (H.R. 4) on April 24 that called for making the organization that manages ATC part of the Transportation Department and forming a 13-member advisory board. The change met with significant industry resistance and the controversial section was removed from the amendment before the bill went to a vote.

Tim thanked Dwayne LaFave for creating an **email list** for sending messages to the SDPA membership on important and timely issues. There are about 550 email address on the list.

Steve Hamilton reported on updating and modernizing the **SDPA web site**. Ryan Jilek, Custom Data, Dickinson, ND, gave an estimate of 20-30 hours of effort to update the web site. Moved by John Barney, seconded by Bruce Beecroft, to obligate up to \$3,000 for modernizing the web site. After discussion, the motion was approved. Steve recommended surveying other pilot association web sites and selecting two or three as patterns to follow in updating the SDPA web site. He liked the Colorado Pilots Association web site.

Steve reported that an IRS letter dated March 29, 2018, granted SDPA's request to be a **501(c)(3) charitable organization** status. IRS Form 990s must be filed for the period 2010 to 2017 by May 15. The paperwork effort started in April 2017 with the firm of Kohlman, Bierschbach & Anderson, LLP of Aberdeen. No charges for their effort have been received. Bobbie Potts talked with Bill Bachmeier of the accounting firm and suggested that they donate their fees.

Mary Carol reported on **official-looking spam emails** with Tim Modde's information on them asking for payment of various invoices. The spam started in August 2016 and has continued on an irregular basis.

Under new business, Denny Martens requested **financial assistance** from the SDPA for funding plaques for **Master Pilot and Master Mechanic Awards** from the FAA. He said that the FAA stopped funding plaques in 2013 and that since then Steve Hoogerhyde and others have been personally paying for the plaques. Plaques are typically about \$57 each. Denny suggested that if SDPA funded the plaques that a note could be attached to the back of the plaque and a letter from the SDPA be given to the recipients acknowledging SDPA funding. Plus a SDPA representative would be invited to the presentation of the plaques. Denny noted that in other states, plaques were being funded by outside organizations such as pilot groups. One suggestion was for SDPA to contact South Dakota's EAA Chapters to determine if they could contribute toward the cost of plaques.

Several motions were discussed, and the final one was moved by Denny Martens, seconded by John Barney, that SDPA pay for the Master Pilot and Master Mechanic plaques

for only the calendar year 2018 with no limit on the number of plaques. Vote 16 aye, one nay by show of hands.

Although the topic of the **South Dakota Aviation Hall of Fame** was on the agenda, Dwayne LaFave was absent and could not provide information on meetings he has organized to promote the organization and facilitate the annual ceremony.

The meeting adjourned at 2:50pm.

SDPA

District 4 Report by George Bittner

Each year there are usually a few early spring fly-in events that get us warmed up for the flying season. The annual **SDSU Flying Jacks Pancake** Breakfast in April and a monthly EAA #289 breakfast at **Lincoln County Airport** are usually flyable, prior to the green grass and azaleas blooming. Not so much this year. Winter weather forced events to be cancelled or rescheduled because arrival was questionable by air or land. In our area, airport plows and snow blowers were busy well into the middle of April. However, there is hope. The **Madison Aviation Enthusiasts** weekly Thursday meeting will be cooking outside now since the snow drift over the picnic table is finally melting. At the EAA Chapter 289 building at Tea on April 21st, I counted over sixty people in attendance for the monthly breakfast including numerous pilots that had flown in for the event. These flying events are usually well publicized in the SDPA Newsletter, E-mails, posters and at www.sdpilots.org. Fly safe and enjoy the numerous aviation activities in the coming months.

On a recent visit to the **Wagner Airport** it seems they are making every effort to give a good first impression of their city to visitors arriving by air. The ramp, runways, and airport area are well maintained with a very clean and organized pilots lounge and restroom. The turf runway 14-32 was reworked last year and will be opening soon. There are 13 aircraft based there and plans are being made for additional hanger space.

From the archives of the **Mitchell Daily Republic, April 2, 1930**, it was reported that a new round-trip speed record between Mitchell and Platte was established. Kenneth Pettit, licensed pilot at Sunshine Skyways, took Dr. J.H. Lloyd to Platte and back in an hour and 25 minutes. Dr. Lloyd was called there on medical professional business. By car the same trip would have taken about six hours.

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District 5 Report by Marsha Sumpter

Gregory - Talked to Mark Fortuna, he said things were pretty quiet because of the time of year except for medical planes. The snow blower was used to clear away snow, but often time the wind does a good job of blowing most of it free.

Kadoka – Not a lot of activity at the airport. I did check out the outhouse, and it definitely needs to be cleaned out.

Martin – Talked with finance officer Jean. They have medical life flights in and out of Martin. Paul Noel is listed as the contact person, but she said he sort of fell into the position when the contact person died. Paul works to keep lights and things good. The City is now in the process of making a plan for improvements at the airport as the FAA sets forth.

Murdo – I talked with Krysti Barnes at the City office. The State was doing their yearly inspection of the airport on the day I visited with her, 4/19/18. Snow removal has been a priority but they were lucky that the wind helped and only a few snow banks were an issue. Randy Yost of Pierre does spraying from their airstrip as well as another sprayer. There is one privately owned hanger at the airport.

Philip – Philip is taking bids to put water and electricity to the apron in the orange hanger. Spray planes utilize the airport during spray season. Lee Vaughan reported that on April 23 when he went flying, there was a lot of activity of aircraft performing touch and goes.

Presho – I talked with Dustin Smith. During the last blizzard they got between 12" and 14" of snow with wind out of the North caused snow to get in ceilings in buildings and hangers and water damage reported in several buildings. Spray planes are gearing up for the season. Their runway is hard packed gravel runway so it can accommodate heavier aircraft. They have 5 or 6 planes housed there.

Rosebud - Charlie Moe is busy getting cabins ready for the season of tourists that he and his wife own. Elk Camp Cabins. He said he is very busy with the Nebraska Civil Air Patrol doing proficiency training flights, setting up for wildlife flights, etc. Charlie said it would be great if our SDPA met the 1st or 3rd Saturday of the month, maybe he would be able to attend. I also talked with Robert Long, listed for the airport. He said the new hanger is finished. They do not have a courtesy car but his number is listed if you fly in and he would give folks a lift. The airport is unattended but he is on call.

Winner – Tess Howard said snow is melting. They have been kept busy cleaning the runway and around buildings; last storm was 20" of snow. The wind helped some. They have 10 to 15 planes based out of there. Dave is busy in the shop doing annuals. She said there is a good Mexican restaurant in town and the Courtesy Car is available, so plan a trip to Winner for lunch.

Tuesday, April 24, a twin-engine aircraft made a crash landing by **Batesland** in a stubble field [east of Pine Ridge & west of Martin]. The pilot and three passengers were unharmed although the plane was damaged extensively. [At the SDPA meeting on April 28 in Brookings it was learned that the Cessna Crusader had entered a super cell and iced up quickly. The pilot tried to go lower, and the tail started to

buffet, indicating an eminent tail plane stall, so the pilot made an emergency landing with the gear up.] SDPA

District 6 Report by Sunny Stephens

A retired teacher friend wanted me to sign up for the Intro to **Gliding** session at **Hot Springs** through the Community Ed program here. Her husband told her he thinks getting on a horse is pretty damn high in the air so she called me. We signed up and paid our fee. The course book was printed so that it looked like the first day noon to five would be last Saturday, April 7, at the airport.

I had never been to the **Hot Springs Airport** so I called **Ed Jensen** and told him I was coming down for the day for a class, and he was totally unaware that anything was planned.

He suggested I call **Marty Larson**, which I did, leaving a message on his cell as to my understanding of the dates of the class.

He returned my call as he was driving and pulled into Culver's parking lot to speak personally. When I told him the information that had been printed in the course handbook, he went ahead and looked it up on their website. He said that this year another person had submitted the information for the class, and he hadn't checked out the final printed version in the handbook. When he looked at it, he saw my confusion. It looked like there would be 22 Saturday sessions from noon to 5:00pm. The information was so incomplete and convoluted, even he was confused.

He explained that it was NOT a class from noon to 5:00, but an afternoon at the airport between a range of dates (April - June) when they could soar, and we would be getting an e-mail telling us of the plans for that Saturday, weather permitting. We could come down on any of the days.

You know, I was wondering what we were going to do in a hangar for 5 hours and then fly at a later date.

I told Marty that I was glad that I had called him to clarify this event. He said he was glad that I had called him, too. He had the list of enrollees and was going to have to call them and be sure they weren't going to drive to Hot Springs and be disappointed like we would have been. Not to mention how surprised Ed Jensen would have been.

This is an example of real FAKE NEWS!!!! Ha

With the crazy spring weather, it doesn't look like this Saturday [April 14] would have been a soaring day either. Hopefully Marty got everything straightened out so we can re-schedule one of the Saturdays in the future...that might be newsworthy . . . if not humorous. I CAN'T EVEN KEEP A KITE IN THE AIR!!! SDPA

Overheard

In the hangar all day listening to our radio, I heard several pilots ask our tower if they were closing. This was the best exchange:

N12345: "Are you guys done for?"

Tower: "Who do you mean — me or the tower?"

N12345: "Both."

Tower: "I'm done at noon, but the tower is going to be around for a long time."

From **Scott Peterson**

SDPA





SD Legislation

The status of four aviation-related bills as of Feb 28 was reported in the March-April newsletter. Here is the status of two bills that were not finalized after Feb 28:

HB1173: An Act to provide for inactive status of airport liquor licenses.

The bill amends SDCL 35-4-14 to add: An on-sale license issued for a municipal airport remains in effect as long as the municipality or regional airport authority operates the airport. No on-sale license issued for a municipal airport after July 1, 2018, may be sold, transferred, or operated at any location other than the municipal airport.

Status:
3/5/2018: signed by Governor Daugaard.

HB1258: An Act to revise certain provisions regarding aviation (Title 50).

The bill amends SDCL 50 to delete outdated language, and update style and form (done by Legislative Research Council).

Status:
2/28/2018: Senate Transportation. Do Pass, Passed, YEAS 4, NAYS 3.

The Senate Transportation Committee held a 32-minute hearing. Three proponents (Senator Al Novstrup, Representative David Johnson, Joel Jundt SD DOT) and one opponent (Aeronautics Commissioner Dave Luers)

provided testimony. Proponents said the bill was cleanup of language in Title 50 Aviation and that Johnson had worked with DOT (Darin Bergquist, Joel Jundt, Bill Nivens, and Jon Becker) during the summer and fall of 2017 on the bill. The Aeronautics Commission first heard about the draft bill on January 23, 2018, first saw the draft bill on January 25, and first discussed the bill on January 29. The Commission’s major concern with 50-2-5 was addressed in the amendment 1258wa passed in the House Transportation Committee on February 15. Luers noted that the Commission voted unanimously to oppose the bill on January 29 because they wanted to have time to fully analyze the bill before it was acted on by the legislature. He commented that Jundt told him that balloons and gliders have always been exempt from registration in the state. Senate Transportation Committee members asked several question and commented that communication between legislators, various departments (such as Transportation), stakeholders, and various boards and commissions needed to be better when dealing with draft legislation.

3/1/2018: Senate Do Pass Amended, Passed, YEAS 26, NAYS 9.

The Senate voted on the bill after a 4-minute comment from Senator Al Novstrup on the bill. He noted no opposition in the House, but there was “heartburn in the Senate Transportation Committee” hearing. Novstrup commented that there was a failure to communicate early and regularly with stakeholders such as the Aeronautics Commission on the draft bill. He said that one major concern of the Commission was addressed in amendment 1258wa. He also commented on the lack of communication among stakeholders such as the Aeronautics Commission prior to **sweeping Aeronautics Trust Funds in 2010** and the unlikelihood of returning the swept funds.

3/5/2018: Signed by the Speaker of the House.

3/7/2018: Signed by the President of the Senate.

3/22/2018: Signed by Governor Daugaard. SDPA

SD ACE Camp 2018

The Aerospace Career & Education (ACE) Camp 2018 will be held **July 8-11 2018**, on the campus of the South Dakota State University, Brookings. The 4-day, 3-night camp has been hosted every year since 1992 at SDSU.

ACE Camp provides high school-aged students the opportunity to get an early start on aviation and aerospace careers. At the camp, students will learn about the fundamentals of flight, get behind the controls of an aircraft, build and launch model rockets, look into the workings of a jet engine, explore an F-16 fighter jet, and visit with aviation professionals. This particular ACE Camp focuses more on aviation, but does touch on aerospace activities.

ACE Camp enables students to make informed decisions as they consider college and career options. Having completed the program, students are more knowledgeable about the importance and diversity of aviation and aerospace careers, how aviation and aerospace industries have

developed and grown to what they are today, and are aware of future career opportunities and developments.

Tuition is \$350 (includes a nonrefundable \$50 application deposit to guarantee placement in the camp). Tuition covers an introductory airplane flight, lodging, meals, and transportation at the camp. Registration for 2018 ACE Camp will begin on January 1, 2018 and conclude June 30th, 2018; or as soon as registration limit of 30 students has been reached.

Tuition assistance is available for up to \$200. Please see the application for specific information. Scholarships are provided by the South Dakota Pilots Association, Yankton Regional Aviation Association, and other sponsors.

Applications requesting tuition assistance are due by June 14.

The application can be submitted on-line at <https://www.sdstate.edu/consumer-sciences/ace-camp> or secured by mail from the Engineering Resource Center, SDSU, Box 2120, Ag Engineering 211, Brookings, SD 57007-0650.

If you want more information, contact the ACE Camp Coordinator Cody Christensen at 605-688-6291. *SDPA*

Becker-Hansen Memorial Scholarship

William Seykora was selected to receive the Becker-Hansen Memorial Scholarship in 2017. The final step in the scholarship process is to write a story about the flight training. Here is William's story.

Currently I am attending Iowa State University Aerospace Engineering program and about to finish my freshman year in May. As of Spring break I have completed over 30 hours of flying time. My sincere thanks goes to the South Dakota Pilots Association for the generous support given to me by the Becker-Hansen Memorial Scholarship. It has helped me get even closer to receiving my private pilot's license. I have had the pleasure of completing my first solo over my Christmas break. It was a great feeling to get to and pass that step.

My love of flying grows every time I go up and can't wait to get back for the summer to continue learning. It is such a great feeling to be up above and the view is unforgettable. The knowledge that I have about flying up to this point I have been able to apply to my current Aerospace classes.

One flight lesson comes to mind when I think about the memorable flights so far. My flight instructor had us fly to Sioux Falls to practice landing and taking off at the Sioux Falls Regional Airport. It was great to see the city from a different angle than usual. I live right by the airport so we ended up flying over my home. My house looked really small from the air. The best part of the trip was when we were waiting for our turn to land we were right behind an F-16. It was the best to watch it land in front of us. So many times I just see them fly over my house, and I have been able to walk near one when it was on the ground during a field trip. The experience to actually see one land from the air was awesome.

My experience thus far has proved to me that the South Dakota weather is nothing less than challenging. The weather conditions have such an effect on the way we fly

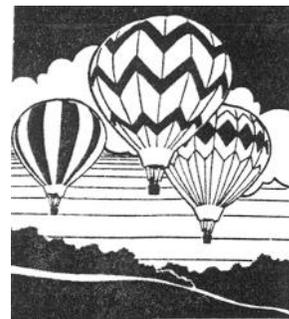
and can even cancel a planned flight. It is very important to learn everything there is about cross winds and how to adjust when landing. My experience with the weather has given me a lot of information that I can and will take back to college to use in the design part of my degree to possibly make the current aircrafts even safer in the event of weather related situations.

I want to say again I am very grateful for the scholarship. It has given me the chance to get that much closer to my dream of making Aviation and Aerospace Engineering a part of my future. My plan is to keep you informed of my progress through getting the pilot's license and going on to receive an instrument rating. *SDPA*

Black Hills Balloons Safety Seminar by Damien Mahony

The Black Hills Balloons Safety Seminar held on January 27 in Custer, SD, was a great success! We have a small active ballooning community in western South Dakota. Safety of course is paramount to our successful flying!

We had several speakers this year, both conventional and a little unconventional. It's good to think outside the box every now and then. Our seminar falls under national guidelines from the Balloon Federation of America (BFA). To get their approval a certain number of specific topics must be covered such as weather, accident investigation / analysis, and aeronautical decision making. The extra topics that were covered were FARs, propane safety, accident review and reporting, and finally pushing boundaries.



The morning began with **Eli** from Custer Gas presenting on propane and refueling safety. He brought a number of props, safety pamphlets, and goodies for the group. The presentation mostly covered the basics which was good as we have some newcomers to this group!

Don Day, a private meteorologist and balloonist gave a very impressive talk on outflow boundaries and how we can spot them with the latest radar technology.

Chris Pelzarski spoke on pushing boundaries. He is a caver in Jewel Cave and a ground crew member for Black Hills Balloons. He showed a correlation on the two and how to stay safe while looking for adventure!

Mark West, one of the best speakers in the U.S. on balloon safety, gave a thorough presentation on accidents -- are you a candidate or a statistic. It was hard hitting and made us all look at our habits a little more closely.

The FAA was represented by **Dwight Pladsen** and **Steve Hoogerhyde**. Dwight talked about accidents following up on Mark's presentation. He also talked about new safety guidelines which the BFA have recommended in our sport. Steve talked about FARs and about how it is our responsibility to fly safe to keep extra regulation at a minimum in the future.



Finally, **Damien Mahony** gave his presentation on Aeronautical Decision Making. It was a presentation on how to stay safe by making the right decisions while in flight. It was titled "Fan to Finish" and gave us a step by step on how to be smart on the spot.

The Black Hills Safety Seminar was hosted by Black Hills Balloons at The Custer Wolf Restaurant who also provided a delicious lunch to get us through the day. *SDPA*

Combat Raider 18-2

ELLSWORTH AIR FORCE BASE, S.D. – Combat Raider, a large force exercise involving various military aircraft, is scheduled to begin **May 15** in the Powder River Training Complex, and will conclude **May 17, 2018**.

These LFEs provide joint and coalition training under realistic scenarios that replicate combat operations against modern threats.

During this period, people living under the PRTC military operations areas can expect to see multiple types of aircraft utilizing the areas simultaneously.

There is also potential for loud noises associated with sonic booms. All B-1 supersonic activities will occur above 20,000 feet Mean Sea Level and all transient fighter supersonic activity will occur above 10,000 feet Above Ground Level. Residents living under the following PRTC military operations areas may be affected by these activities:

- Powder River Two
- Powder River Three
- Gap B

A map of the airspace can be found on the Ellsworth Air Force Base website at <http://www.ellsworth.af.mil/Portals/146/documents/AFD-151103-009.pdf>.

As a reminder, non-military aircraft should thoroughly review the Federal Aviation Administration's Notices to Airmen, or NOTAMs, and review flight plans to avoid these areas and altitudes where aircraft will be participating. This NOTAM can be done by calling 1-800-WXBRIEF, or online at <https://sua.faa.gov/> and <http://www.1800wxbrief.com>.

The NOTAMs for the exercise are the final official notice and will be issued by the FAA 72 hours prior to its start. *SDPA*

Powder River MOA Survey

(handout at the SD Airports Conference in Deadwood, SD, April 11-12, 2018)

Executive Summary

In February 2018, AOPA and NBAA collaborated to survey members about their experiences in the Powder River Training Complex (PRTC) Special Use Airspace (SUA) that spans across Montana, Wyoming, North Dakota, and South Dakota. We surveyed pilots to determine if the SUA had adverse impacts on general aviation (GA) pilots and business operators. To get a more granular look at the results, we separated responses by frequency of contact with the SUA, specifically, pilots who said they fly in the SUA often, fairly often, occasionally, almost never, and never. We received 329 responses and found many accounts of

adverse impacts due to the SUA. Here are the major findings:

- 3 out of 4 Pilots Who Routinely Fly in the SUA Reported Adverse Impacts
- Inefficient Routing Through and Around the SUA Costs Pilots Money and Time
- Lack of Information about the Activation Status of the SUA Thwarts Flight Planning Efforts
- Most Pilots Flying VFR Would Use VFR Flight Following but They Are Often Dropped by Air Traffic Control (ATC) in parts of the SUA at Lower Altitudes
- ATC Sometimes Vectors Pilots into Severe Weather through Narrow Flight Corridors in the SUA

More than half of the pilots who responded to the survey reported no adverse impacts or issues in the PRTC SUA. However, among pilots who said they fly in the SUA often or fairly often, 63% reported adverse impacts. Those pilots reported increased costs, lost time, and frustration due to lack of information/communication about the activation status of the Military Operations Areas (MOA), poor radar and communications coverage, and situations in which ATC vectored pilots into severe weather to avoid active SUA.

The survey reveals opportunities for the military, ATC, and GA pilots to make improvements that will mitigate many of these reported issues in the PRTC SUA:

- Better communication about the activation status would reduce costs and time spent on inefficient routes.
- Additional education from aviation associations and the military could mitigate several pilot concerns.
- ATC infrastructure is needed to address the apparent issues with spotty radar and communications at lower altitudes in the SUA.
- Problems with ATC connection aside, most VFR pilots, about 85%, would utilize ATC's VFR flight following services in the SUA.
- Pilots made it clear they support the military and their need to train, while admitting the need for better information to safely transit the SUA in the most efficient and safe way possible.



Ray Jilek (Eagle Aviation, Spearfish Airport) attended the PRTC SUA meeting held on April 5 at Ellsworth AFB. He said about 50 people attended the all-day meeting. **Kyle Lewis**, AOPA Great Lakes Regional Representative, was the moderator of the meeting.

Two milestones for future investigation came out of the meeting. First will be an effort to investigate the development of a special NOTAM depiction on moving maps such as ForeFlight showing the activation of the various parts of the Powder River MOA – such as for TFRs are done now. Another approach to be investigated would be to send email or text notices of MOA activation to subscribers.

Second is to provide better communications via VHF radio and radar coverage in the MOA for civilian air traffic – with the tentative goal of completion in 3-5 years.

The bottom line is that funding is needed to bring these two efforts into reality to address concerns expressed by civilian traffic in the PRTC SUA. *SDPA*



East River Safety Symposium

The 7th Annual East River Aviation Symposium was held on March 15 at the SDSU Aviation Facility at the Brookings Airport. The event was an FAA Accepted IA Training event and was FREE to the Public. It was intended for Aircraft Technician Training, but there was a separate Pilot session.

The notetaker was not able to attend the Aircraft Technician session, but heard later that a Master Mechanic thought the session was very well done and kept his attention throughout the day. Here is what was planned:

Aircraft Technician session (an estimated 80 people attended)

7:30-7:45: Opening remarks, SDSU, FAASTeam, FSDO.

7:45-9:35: Greg Klein, Lake Area Technical institution / Snap-on 2.0 – Torque.

9:50-10:50: Ben Visser 1.0 – Aircraft Lubricants and Fuels: Fuel and Lubricant compatibilities.

10:50-11:50: Garmin Aviation Product Support: maintenance presentation on ADS-B Garmin.

11:50-1:00: Lunch Break – Free will donation for pulled pork sandwiches, chips, bottled water and chocolate chip cookies.

1:00-2:00: Mark Satnan, Satnan Avionics: Avionics systems and inspection.

2:00-3:00: Champion Aircraft.

3:15-5:15: Dwight Pladsen, Jeff Boe, and Gary Kwasniewski, FAASTeam – Maintenance Publications, Mechanic Privileges and Limitations, General Observations, Questions and Answers time.

Alternate 4:15-5:15: Greg Klein, Lake Area Technical institution: Composite construction and inspection.

The notetaker did participate in the **Pilot sessions**, which were attended by about 50 people in the early sessions (lots of SDSU Aviation students) and about 30 in the later sessions (students gone).

Paul Youmans, Garmin, Inc, Olathe, KS, gave an overview of ADS-B including its history, definitions, functionality of ADS-B compared to radar, features of various Garmin units providing ADS-B Out & In, and answered questions. He noted that the disadvantages of ADS-B were cost and complacency (pilots will depend on ADS-B for traffic and reduce their “see & avoid” scans). Paul next gave an overview of the G-1000 and its functions.

Steve Hoogerhyde, FAASTeam Program Manager, Operations, Rapid City, introduced FAASTeam representatives, and talked about the FAA’s compliance philosophy (started in 2015), which involves counseling and remedial training rather than enforcement actions. He encouraged people to register FAAsafety.gov (safety information and WINGS program), FAA.gov (general information), IACRA.FAA.gov (for certification information), and MEDEXPRESS.FAA.gov (for medical certification information).

Dwight Pladsen, FAA FSDO, Rapid City, talked ramp inspections and gave a handout containing 33 items that could be part of a ramp inspection. He briefly covered each item and talked about its importance with examples learned from accident investigations – noting a few times that “death is forever,” and when engines quit, they go into “whisper

mode.”

Warren Hovland, SDSU Aviation Program, Brookings, talked about “Warren-isms” (i.e., Words of Wisdom from a seasoned CFI). He talked about ALL the aspects of flight starting with preflight preparation weather briefing, startup, taxi, takeoff, climb, cruise, descent, landing, short field, soft field, engine failure, and lots of other things important for a safe flight.

Brad Temeyer, U.S. National Weather Service, Sioux Falls, talked about NOAA services conducted at the Sioux Falls NWS Forecast Office on the Sioux Falls Airport including creation of Terminal Area Forecasts, plus forecasting thunderstorms, fog, icing, turbulence, and more. He encouraged people to use the following two web sites: www.weather.gov/fsd and www.aviationweather.gov.

Wayne Kelm, SDSU Aviation Program, Brookings, talked about Human Factors in Aviation and covered three topics: spatial disorientation, communications, and situational awareness. Each of the topics was the key point in Wayne’s stories of personal experiences flying T-38, B-52, and T-37.

Excellent and informative information in the Pilot Sessions.

The SDSU Mobile Aviation Simulator was available to fly. This opportunity to experience flight from the safety of the ground attracted a lot of attention.

Thank you **Chris Funk** and **Cody Christensen** for organizing an excellent East River Safety Symposium for aircraft technicians and pilots.

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SD Airport Sponsor Meetings

Sponsor meetings were held on April 10 in Deadwood at The Lodge at Deadwood Gaming Resort from 8:00am to 5:30pm – prior to the SD Airports Conference.

Participants in the sponsor meetings included the FAA Airport District Office (**Andy Peek, Dave Anderson, Brian Schuck, Sandy DePottey**), SD DOT Aeronautics (**Jack Dokken, Jon Becker, Tom Koch, Jenny Boehm**), Aeronautics Commissioner **Bob Huggins**, Steve Hamilton (SDPA), and various airport sponsors and their engineering consultants.

Black Hills Airport -- Clyde Ice Field, Spearfish (KLJ): The airport is working to get a cross wind runway build, and is planning environmental and cultural surveys in the near future. Wind data showed the importance of proposed runway 23. The cultural survey will incorporate the tribes.

One concern is a couple of hills southwest of the proposed runway 5 that is an obstruction and will need about 40 feet removed off the top. A LLC-owned 100-foot by 100-foot hangar will be constructed at the airport starting in May.

Custer County Airport (KLJ): The Master Plan will be updated with a justification for widening runway 8-26 from 60 feet to 75 feet. The justification is that wind variability at Custer County is 10-12% whereas at most airports it is 1-2%.

The airport is acquiring land for future hangar development and will fill 2 acres for future hangars. Land is being protected by acquisition or easement in the runway protection zone. Extension of runway 8 is hampered by a drop off and rock outcroppings taller than surrounding trees.

Hot Springs Airport (SEH): Discussion primarily focused on a proposed gravel mining operation by Pete Lien & Sons on airport property. An Environmental Assessment (EA) of the project has been revised due to moving settling ponds further from the river, delineating wetlands, and addressing tribal issues. The EA is being done by the mining company in cooperation with the FAA. The City of Hot Springs is in the process of annexing the airport property. There 14 people on the waiting list for hangar space, and a revenue-generating hangar is in the planning stages.

Wall Airport (KLJ): The airport is preparing an Airport Master Plan involving a change from A-II to B-II aircraft with associated design changes for a wider runway and bigger safety areas, a 530-foot displaced threshold on runway 31, 780-foot extension on runway 13, purchase of city property as airport property. The runways will be renumbered from 12-30 to 13-31 due to magnetic changes.

Mobridge Airport (KLJ): The airport has acquired five land parcels and is going through a condemnation process for a sixth property for runway protection zones. The main runway will be reconstructed with enlarged turnaround suitable for a future parallel taxiway. A future project will install PAPIS.

Wessington Springs Airport (Helms & Associates): The runway and taxiway are in "poor" condition and need to be replaced. Reconstruction cannot include widened runway ends, so there will be a future grant for turnarounds.

Aberdeen Airport (Helms & Associates): The airport has a pair of MB-5 multitask vehicles with 22-foot broom and 24-foot plow. The airport can clear the 6900' runway in about 10 minutes. The passenger loading bridge needs replaced. It was noted that there is a repair business in Rapid City that might be contacted. The next airport project will be the design and construction of a GA apron.

Huron Airport (Pierce-Harris, Helms & Associates): The airport needs a wildlife hazard assessment. A commercial apron is in poor condition and needs repaired or closed to traffic due to an unmanageable amount of FOD. The airport is getting three Lear 60 jets based there along with pilots and mechanics – the first jets in the state. Circling approaches have been cancelled due to five obstructions.

Watertown Airport (Helms & Associates): A layout showing right of ways and city / airport property was discussed, along with questions about a couple of parcels. The airport terminal needs to be replaced due to a lack of holding area for passengers (emplacements were 10,700 in 2017). The city funded the construction of 16 T-hangars,

and a fuel system. A 200-foot by 200-foot hangar will be constructed in the near future.

Brookings Airport (Helms & Associates): The GA apron and taxiway are in poor condition and need replacement. The east side of the airport and hangar area and GA apron have a drainage problem due to no frost protection, underground drainage system, and shallow gradient for runoff.

Lemmon Airport (KLJ): The airport will be reconstructing the runway and taxiway, new medium-intensity runway lights, new wind cone, runway safety area grading, and runway edge drains. The airport will be closed for about 4 months for construction.

On April 11 a sponsor meeting for **Yankton Airport (KLJ)** was held. The Environmental Assessment is being reviewed by FAA legal. The preferred alternative is to demolish the old tile maintenance hangar, relocate two private hangars and construct a large apron for parking large aircraft. Funding for moving the private hangars was in question.

SDPA

SD Airports Conference – 2018

The SD Airports Conference was held on April 11-12 at The Lodge at Deadwood Gaming Resort. Over 130 people were registered for the conference. **Jack Dokken**, Program Director for Office of Air, Rail & Transit, served as the master of ceremonies for the conference.

A preliminary agenda prepared in late February listed a SD Aeronautics Commission meeting on April 11 before the start of the SD Airports Conference. However, due to the Commission meeting held on March 27 and the plan to meet on April 24, there was no need to hold a meeting on April 11.

Jack Dokken opened the conference and led the Pledge of Allegiance. He introduced the aeronautics staff, and talked about the Aviation Education flash drive funded by the Aeronautics Commission.

Aeronautics Commission chairman **Eric Odenbach** welcomed everyone to the conference, and introduced Commission members **Dave Luers** and **Bob Huggins**.

Tom Koch, Aeronautics staff, presented the Best Maintained Airport awards (see separate story).

Tom announced the newest public airport in SD – **Lake Cochrane Seaplane Base (SD2), Gary, SD**. The SD Aeronautics Commission approved the airport license on June 27, 2017. Tom showed several photos of the new airport. The CTAF is 122.9, and the runways are 10W-28W ("W" meaning "water"). Learn more about SD2 on www.airnav.com

Andy Peek, Manager, FAA Dakota-Minnesota Airports District Office, Minneapolis, talked about "**DMA ADO Updates**." He said that the DMA ADO has 209 NPIAS (National Plan of Integrated Airports System) airports and oversaw 126 grants amounting to \$149.9M in 2017 -- fifth highest funding in the U.S.

Andy reported that the Omnibus bill recently passed in Congress included FAA Appropriations and FAA Reauthorization. The bill fully funded the FAA at \$3.35B, and provided an additional \$1B for 100% discretionary funding of Airport Improvement Projects (no state or local matching

cost share). Guidance for the supplemental \$1B program is being developed, but in general the funding will be used for non-primary regional, local, and basic airports located in rural areas.

Andy said that a new national SOP for Administrative Close Out of AIP Grants procedures was finalized. He also reviewed important dates in 2018 for transfer of non-primary entitlements (mid May), close out reports to the ADO (mid July), and grant application deadline (early July).

Sandy DePottey, DMA ADO Planner, Minneapolis, talked about planning for runway protection zones due to future changes in design aircraft, land use, runway extension, local development, etc. and showed a long list of land uses requiring coordination with the FAA.

Brain Schuck, DMA ADO Program Manager, Bismarck, reviewed the procedure for modification of standards – modification of airport construction standards, and modification of airport design standards.

Dave Anderson, Acting Manager of the DMA ADO, Bismarck, discussed the pre-application for AIP grants – emphasizing ‘tell a story,’ ‘fill in the blanks,’ ‘be consistent,’ and ‘ask questions of the ADO.’

Morris Riggin, Riggin Flight Services, Madison, **Greg Klein**, Lake Area Technical Institute, Watertown, and **Cody Christensen**, SD State University, Brookings, covered various aspects of “**Adult Aviation Education**.”

Morris Riggin recapped his family’s aviation history, his involvement in aviation, flight training opportunities at Madison (private, commercial, instrument, CFI, aerial applicator, multi-engine). He recently bought a helicopter, has soloed in it, and plans to offer training in it. As a Designated Pilot Examiner he did 10 check rides in his first year (2005) and 221 check rides in 2017. He noted that public relations were important with townpeople to keep a positive impression of the airport. He also emphasized working with youth groups.

Greg Klein recapped activities at the 2-year A&P school at Watertown – noting that graduates have found employment in corporate aviation, avionics, UAV, GA, aerial application, and warbird restoration. He mentioned that LATI and SDSU cooperate in cross over trainings for aviation degrees. Outreach activities included holding Soaring Days to introduce teachers to STEM (Science, Technology, Engineering, Mathematics) topics during glider flights, and Corporate Aviation Day where businesses such as Gulfstream, Textron, and MROs (Maintenance, Repair & Overhaul businesses) can interact with students. Greg reported that three students got NASA internships to work at the Armstrong Facility in California.

Cody Christensen tested audience knowledge using KAHOOT.IT (free game-based learning platform) to measure their “aviation” knowledge. He said that the aviation program at SDSU had 73 students in 2016, 99 in 2017, and 130 in 2018. Outreach garnered four new students from South Korea, and one new student from the Cheyenne Sioux Tribe, Eagle Butte, through the efforts of Sam Dupris (SD Aviation Hall of Fame, 2001). Cody also mentioned the Mobile Flight Simulator Lab was being successfully used to promote aviation among middle & high school students.

Tom Schauer, KLJ, covered “**Compatible Land Use**

Around an Airport.”

He asked how an airport affects a community and vice versa, are there obstructions or hazards or wildlife hazards?

Tom emphasized the need to be involved in land zoning to build flexibility into zoning to set height restrictions, compatible land uses, and minimize wildlife hazards -- to protect an airport’s future development.

Mason Short and **Jake Braunagel** (KLJ) discussed “**Project Eligibility and Justification**.” They showed the list of laws governing project eligibility and justification and the five topics that can receive AIP funding: (1) airport planning, (2) airport development, (3) noise compatibility planning, (4) noise compatibility projects, and (5) NAVAIDs owned by the FAA. They also differentiated between reconstruction, replacement, and rehabilitation. Project justification must advance AIP policy, fulfill an actual need, and the project scope must be appropriate.

Kevin Groves, West Plains Engineering, reviewed “**Airport Electrical Systems Troubleshooting**.” He talked about FAA AC150/5340-26, Maintenance of Airport Visual Aid Facilities – emphasizing safety activity and safety principals. Kevin reviewed troubleshooting procedures for series lighting circuits.

Lori Thomasson and **Ken West**, FAA, FSDO, Rapid City, and **Mike Klarenbeek**, Aerial Horizons, Sioux Falls, discussed “**Integration of UASs into Airspace**.” They covered the FAA’s authority, recent state (SB22 and SB80 in 2017) and local (cities of Deadwood and Aberdeen) laws, UAS registration via FAA DroneZone web site, and Part 107 rules, waivers, airspace requirements, and UAS facility maps. They also reviewed reporting unsafe UAS activity: (1) while flying or at airport – ATC, (2) anywhere else – local law enforcement, and (3) be specific and detailed.

Break sponsored by the **National Business Aviation Association** (*Thank You NBAA*).

Dick Doubrava, NBAA Director of Legislative Affairs, thanked everyone for their support in fighting against the privatization of Air Traffic Control (ATC).

Kyle Lewis, AOPA Great Lakes Regional Representative, talked about several AOPA initiatives including opposition of the privatization of ATC, egregious FBO pricing, regional legislative activity, Powder River MOA meeting on April 5 held at Ellsworth AFB, You Can Fly initiatives for Rusty Pilots, High School students, Flying Clubs, BasicMed, and AOPA Regional fly-ins.

Captain Shannon “Ikea” Jamison, Air National Guard,



Black Hills Airport

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Ray A. Jilek, President

Sioux Falls, and a B-1 pilot, Ellsworth AFB, reviewed “**Mid-Air Collision Avoidance**,” MOAs in SD, IA, and NE, special use airspace, and low-level tactical B-1 operations.

Doug Hansen, Clark County Airport, and **Brooke Edgar**, Helms & Associates, presented “**How to Meet the Buy American Clause When Buying Equipment**.” The Buy American Preferences under 49 U.S.C. § 50101 require that all steel and manufactured goods used in Airport Improvement Program (AIP) funded projects be produced in the United States. In accepting AIP funding, grant recipients must certify that all steel or manufactured products used on any portion of the AIP-funded project are produced in the United States and are of 100 percent U.S. materials. Under 49 U.S.C. § 50101(b), the FAA has the authority to waive these Buy American Preferences if certain market or product conditions exist. Doug and Brooke discussed the purchase of equipment for the Clark County Airport.

Jack Dokken, SD DOT, presented “**Pavement Maintenance Program**.” Each year there is a grant for a statewide airport pavement maintenance project. Jack discussed the responsibilities of the aeronautics staff, sponsor, and airport consultant, and the chronology of steps in pavement maintenance. In 2018 pavement maintenance will be conducted at Eureka, Gettysburg, and Huron.

Thomas Anderson, Airport Cooperative Research Program (ACRP), reviewed “**Using ACRP Resources to Manage Small Airports**.” The ACRP has produced over 500 research reports since 2006 on a variety of topics important to airports. 19 new research reports are planned for 2018. Thomas encouraged everyone to get involved with ACRP by joining the ACRP IdeaHub, volunteering for a project panel, preparing a research proposal, answering an ACRP survey, and using ACRP research results.

Kyle Lewis, AOPA Great Lakes Regional Representative, and **Buck DeWeese**, SD Civil Air Patrol, talked about “**Youth Aviation Education**.” Kyle noted that the pilot population decreased from 827,071 in 1980 to 590,039 in 2015. He discussed the components of AOPA’s *You Can Fly* Program, which has the goal of increasing the pilot populations: Rusty Pilot, Flying Clubs, High Schools, Flight Schools, and Learn to Fly initiatives. Buck reviewed the history of the CAP and its three missions: emergency services, cadet program, and aerospace education.



Rebecca MaPherson, FAA Regional Administrator of the Great Lakes Region (new administrator as of January 8, 2018) and **Sue Mowery-Schalk**, Director of the Great Lakes Region Airports Division, talked about “**FAA – Great Lakes Region Update**.” Rebecca touched on the recently passed Omnibus Bill, which included the Reauthorization and Appropriations for the FAA; no cut to contract tower program; AIP funding at \$3.35B; additional \$1B supplemental funding from the General Fund for rural airports; cut in the Essential Air Service Program; reducing runway incursions; embracing new technology (drones) in the National Air Space; and unchanged ADS-B deadline of January 1, 2020.

Sue reviewed the mission, vision, and core values of the Airports Division, and noted that nation-wide the Airport Division had 534 employees (1.2% of FAA), but handled 20% of the FAA funds. The Great Lakes Region has three ADO offices. She discussed Part 139 airport certification and the runway safety area program.

Tom Schauer moderated a panel discussion of “**The Value of Planning**.” **Sandy DePottey** gave the FAA perspective about NPIAS airports, Airport Capital Improvement Plan, Master Plan, Airport Layout Plan, and Land Use planning. **Jon Becker** gave the state perspective about the chronology of meetings, deadlines, documents in the planning process, and reviewed SD DOT AIP priorities, precondition for project approval, and list of eligible projects.

Patrick Dame, Director of Rapid City Regional Airport, gave the airport perspective concerning the AIP and Master Plan and stressed being prepared for future development. **Ken Penny**, KLJ gave the consultant perspective and talked about dealing with past bad decisions that come to light as airports expand facilities and increase development.

Morris Riggan, Airport Manager at Madison Airport, discussed “**Airport Revenues – How to Operate an Airport in the Black**.” He noted that direct income to the airport sponsor came from land rental for crops, land leases for private hangars, and fuel sales. Indirect income to the airport sponsor was generated by customers of airport businesses like aircraft maintenance, flight training, testing center, etc. – for housing, food, transportation, and miscellaneous expenses. Morris commented that one of his “jobs” was public relations – promoting the value of the airport to the community groups and inspiring youth about general aviation.

Thank you to businesses providing door prizes: **Interstate Engineering**, **Braun Intertec**, and **KLJ Engineering**. The grand prize provided by KLJ Engineering was a framed print of a Beech 18 by Leon Basler.

Vendors exhibiting at the conference included Airside Solutions, Inc; All Weather, LLC; Asphalt Systems, Inc; Braun Intertec; DGR Engineering; Helms & Associates; Midland Door Solutions; North Central Mitigation, Inc; Olsson Associates; Short Elliott Hendrickson Inc.; Silverstone Group; Sioux Falls Flight School; South Dakota Aviation Hall of Fame. South Dakota Pilots Association; and Taylor Law Firm, LLC.

Excellent conference – learned a bunch, ate a little, visited with old friends, and met some new people. The next airports conference will likely be East River in 2019.

Tidbits: **Jim & Val Anderson** of **Belle Fourche Airport** said that **JD Deranleau** has been working at the airport as a CFI and IA mechanic since about February. JD previously worked at Black Aero at Spearfish and was in Brookings for a while to earn some advance ratings. Jim & Val are looking forward to working with **Clint Busenitz** on the Black Hills Fly-in in September -- somewhat of an off airport event, with most of the fly outs happening at ranches in the tri-state area of SD, WY, and MT.

Ed Jensen of **Hot Springs Airport** distributed posters for the Family Fun Day event set for June 2 at the airport. The activities include breakfast, lunch, SD Civil Air Patrol static

display, tethered hot air balloons, glider flights, STOL demonstration, Flour Bomb Drop Contest rides for kids ages 8-14, and skydiving tandem jumps (MUST pre-register at <http://www.skydivehotsprings.com/>). Hot Springs Airport is looking for an aircraft mechanic to be based there. *SDPA*

Best Maintained Airport of the Year Awards

The Best Maintained Airport Awards were presented during the SD Airports Conference in Deadwood on April 11.

Tom Koch and **Colton Stahl**, SD DOT, Office of Air, Rail & Transit, inspected all SD public use airports in 2017 to insure compliance with state and federal regulations. Based on those inspections, the best maintained airports were awarded in three categories. The awards were presented by **Tom Koch**.

The Best Maintained **Medium / Large** General Aviation (GA) Award for 2017 was presented to the **Miller Airport**. The award was accepted by airport manager **Terry Manning**.

The Best Maintained **Small** General Aviation Airport for 2017 was presented to **McLaughlin Airport**. The award was accepted by airport manager **Lornie Hach**.

The Best Maintained **Basic Service** Airport Award for 2017 was presented to **Clear Lake Airport**. Clear Lake Airport also won the award in 2007. The award will be presented to city officials at a later date. **Don Ebbers** is the airport manager.

(see www.sdpilots.com for more information about the Best Maintained Airport awards) *SDPA*

SD Aeronautics Commission – March 27

The SD Aeronautics Commission held a conference call on March 27 at 1:00pm in the Becker-Hansen Transportation Building in Pierre. The following information is based on meeting attachments and listening to the 43-minute recording of the meeting (Steve Hamilton was out of town on a 7-day Caribbean cruise and missed the conference call.)

Participating were Commissioners **Chris Funk** (Volga), **Bob Huggins** (Sioux Falls), **Travis Lantis** (Spearfish), **Dave Luers** (Pierre), **Eric Odenbach** (Eureka), [absent **Arnie Hauge** (Sioux Falls) and **Dan Noteboom** (Corsica)], **Joel Jundt** (Deputy Secretary of SD DOT), **Jack Dokken**, **Jon Becker**, **Jennifer Boehm** (all DOT Office of Air, Rail & Transit), **Patricia Saukel** (Executive Assistant/Front Desk, SD DOT), **Karla Engle** (SD DOT Office of Legal, Chief Legal Counsel), and **Justin Johnson** (Skylancer Aviation). Others may have been in the conference room in Pierre.

Chairman Odenbach called the meeting to order and asked if Commissioners wanted to disclose new conflicts of interest, but no new conflicts were mentioned.

The minutes of the January 23 meeting of the Commission were approved.

Joel Jundt gave the **Secretary's report**. He mentioned that the U.S. Congress passed an omnibus bill to fund the federal government through September 30. An FAA Re-Authorization bill also passed to allow spending through September 30,

including \$1B in discretionary funding for Airport Improvement Projects.

At the state level, HB 1258 (revise certain provisions regarding aviation (Title 50 Aviation)) passed the legislature and was signed by the Governor on March 22.

Joel mentioned forming an ad hoc committee to deal with further changes in Title 50 Aviation. After discussion, the plan was for Joel to send out an email soliciting interest in serving on the committee to Commissions and aviation organizations such as SDPA and SDAA. Karla Engle reminded the Commission that the committee members would have to be selected at the next Commission meeting.

Jenny Boehm requested Commission consideration of an **AirVenture Cup Race Launch Funding Request**. The 6th AirVenture Cup Race launch will take place July 21–22, 2018, at the Mitchell Airport. The event attracts many people and requires considerable effort, preparation, and cleanup by the city and airport staff. The City of Mitchell requested that the Commission consider supporting this event with a \$3,000 grant. In previous years, the Aeronautics Commission has granted the following amounts for the event 2008 (\$1,500), 2010 (\$2,000), 2012 (\$2,000), 2014 (\$2,500), 2016 (\$2,500).

The motion and second was to provide \$2,500 to support the AirVenture Cup Race to Mitchell. The discussion evolved into a discussion of trying to get back the \$3M swept by the legislature in 2010. The bottomline was that either a legislative bill or DOT Departmental bill to return the funds to the State Aeronautics Trust Fund would have to be considered by the legislature. It was noted that the current Trust Fund balance would not be so low if the swept funds had been returned. The topic of returning the swept funds maybe an agenda item for the next Commission meeting. The request for \$2,500 for the AirVenture Cup Race was approved (all aye).

Jenny Boehm requested Commission consideration of an **Aircraft Dealer License renewal**. Justin Johnson of Skylancer Aviation asked the Aeronautics Commission to waive the requirement of selling and/or brokering 6 aircraft in the past 24-month period so he may renew his dealer license for another 2 years. Johnson has been a dealer since 2014 and has had four (4) aircraft listed as part of his dealership since then. His company is geared to buying unairworthy aircraft, restoring them and selling the now airworthy plane. At this time, the registration tax has been paid on one aircraft, 2 are airworthy, and the 4th is not airworthy. Per his letter, he has been unable to sell any of these planes due to a variety of reasons. This request is Johnson's 2nd appeal to continue being an aircraft dealer in 4 years. If Johnson is unable to sell the aircraft in the next 2-year renewal period, he will need to pay the taxes for each airworthy aircraft under his dealership.

It was noted that trying to sell six aircraft in a 24-month period was difficult in today's aviation economy. That requirement was in Title 50 and could be considered for revision in the next legislature. It was learned that one aircraft (a Saratoga) was used for business and selling purposes, and does have a "use stamp." If the dealer license is approved, Johnson will purchase another use stamp for that aircraft. The Commission voted four aye, one nay, thus approving a 2-year renewal of the license.

Jon Becker provided an informational item – **SDSU Simulator Update**. Cody Christensen, Program Coordinator SDSU Aviation, had provided a written update on the SDSU Simulator. The SDSU Aviation Mobile Simulator was funded in part by the Aeronautics Commission in the April 2016 meeting in Deadwood, SD. Since that time, a simulator was purchased and configured in a trailer, operators trained, and the mobile simulator was being used in the promotion phase of the grant that ends December 2018. Over the last year, the simulator has been busy throughout the state of South Dakota! The events that simulator has been used in include:

- JROTC visit from Ellsworth
- Mitchell Airport Conference
- Spearfish Civil Air Patrol
- Spearfish High School
- Sioux Falls Career and Technical Education Academy (5 times)
- Hot Harley Nights - Sioux Falls
- Brookings Middle School
- Wessington Springs High School
- Girl Scout B.I.G event - Sioux Falls
- Women in Science – Yankton
- Boy Scouts Aviation Merit Badge (Sioux Falls troop)
- Women in Science - Sioux Falls
- Brookings Civil Air Patrol
- South Dakota FFA week - Brookings
- Cheyenne/Eagle Butte High School
- Sioux Falls Home School Tour Group
- All about Science - Sioux Falls
- ACE Camp
- SDSU Honors Camp
- Brookings High School

The simulator has reached over 1,800 people with 1,225 documented training events, logging over 300 hours between January 2017 and January 2018. The simulator is scheduled to participate in multiple events this year including events in Harrisburg, Sioux Falls, Eagle Butte, and Pierre.

Cody closed by stating, *Thank you again for your commitment to furthering aviation in South Dakota!*

It was noted that there is no Commission obligation toward the simulator after December 2018, and that the simulator will be used far into the future to promote aviation.

Jon Becker provided an informational item – **Aviation Education Flash Drive Update**. Jon said that information about the Flash Drive was posted on the SD DOT Facebook page, a dozen drives sent to Dakota Flight Training Center (Mitchell), and a few hundred given to the SD Discovery Center (Pierre) for outreach promoting the STEM (Science, Technology, Engineering, Mathematics) program. [A half page article about the flash drives was in the March-April 2018 *SDPA News*.]

Jenny Boehm provided an informational item – **Airports Conference in Deadwood**. She briefly covered the agenda for the sponsor meetings and conference.

The need to get moving on efforts to return the \$3M in swept State Aeronautics Trust funds was reiterated. The meeting adjourned at about 1:45pm.

FOOTNOTE: The Commission meeting in April was cancelled; the next meeting will be on May 22. SDPA

Private Landing Strips

One of our SDPA members asked about private landing strips in SD. The information request was passed on to **Jon Becker**, SD DOT, Office of Aeronautics. Here is Jon's reply.

Question: *Are all private strips registered with the FAA shown on sectional charts and assigned an airport identifier?* REPLY: Owners of private landing strips will need to let the Airport District Office know whether or not it should be depicted on charts. Owners of private strips can call the FAA ADO and use the 7480-1 Notice for Construction, Alteration and Deactivation of Airports. This form has several options (airport, heliport, seaplane).

Question: *What FAA form is used to register private strips?* REPLY: FAA Form 7480-1 Notice for Construction, Alteration and Deactivation of Airports. (<https://www.faa.gov/forms/index.cfm/go/document.information/documentID/185334>)

Question: *Is there a separate form to register them with the state?* REPLY: There are two state statutes that refer to private airstrips:

SD Codified Law 70:02:04:06 [**Title 70** is Transportation, **.02** is Aeronautics, **.04** is Airport Licensing, **.06** is Airports, landing fields and heliports to be located to avoid conflicts and overlaps.]: requires that airports be far enough apart so they do not conflict with one another. **Private airports must be at least two miles away from a public airport.**

SD Codified Law 70:02:04:18 [**.18** is Private airports for personal use only to be located to avoid conflicts -- Registration required]: states that private airports operators must file an airport operating license application, <http://www.sddot.com/resources/forms/>, have the airport inspected, and seek approval by the South Dakota Aeronautics Commission. SDPA

ADS-B Deadline

(FAA News & Update, April 4)

No Kidding: ADS-B Deadline of Jan. 1, 2020, is Firm. We have a sense of humor, too, but an April Fool's joke that the Federal Aviation Administration is extending the ADS-B deadline is just that.

As stated in the final rule published with industry input in May 2010, all aircraft flying in designated controlled airspace – generally the same busy airspace where transponders are currently required – must be equipped with ADS-B Out avionics by Jan. 1, 2020. Only aircraft that fly in uncontrolled airspace, and aircraft without electrical systems, such as balloons and gliders, are exempt from the mandate.

Those who have already equipped understand that ADS-B is transforming the nation's airspace by providing more precision and reliability than the current radar system, enhancing safety and increasing situational awareness.

Time is running out. There are only 21 months left until the deadline. If you have any questions about equipage – whether you need to or not, what equipment to get, etc. – please see the FAA's Equip ADS-B website (<https://www.faa.gov/nextgen/equipadsb/>) or (<https://www.faa.gov/nextgen/programs/adsb/>). SDPA

Flight Service Transitions to Leidos Pilot Web Portal

(Notice Number: NOTC7670)

The FAA will discontinue the **Direct User Access Terminal Service (DUATS II) Program**, effective May 16, 2018. Internet services, including access to weather and aeronautical information, flight plan filing and automated services will remain available at no charge to pilots at www.1800wxbrief.com.

To continue to receive free services, users are encouraged to register with www.1800wxbrief.com. Over the next 60 days, the FAA will work with current DUATS II providers on transition activities, including conducting pilot outreach, establishing commercial interfaces, and providing user migration assistance. SDPA

SD Aircraft Registration Fee

If you think that all aircraft are required to be registered in South Dakota annually – you would be wrong. All “aircraft” are not treated equally in the eyes of South Dakota Codified Law.

Prior to 2014 aircraft included fixed wing, rotary wing, and lighter-than-air (balloons). Fixed wing included powered and non-powered aircraft, i.e., gliders. Model aircraft were exempt from the annual registration fee in Title 50-11-29 [The provisions of §§ 50-11-8 to 50-11-24, inclusive, do not apply to an individual operating model aircraft.]

Then in **2014**, **HB1043** was passed and became law. HB1043 was a 48-page bill that cleaned up the language in Title 50 Aviation. One clean up was “50-1-1. Terms as used in this title mean.” Originally the definition of “aircraft” was: “Aircraft, any contrivance used or designed for navigation of, or flight in, the air;” The definition was revised in HB1043 to read: “Aircraft, any powered contrivance used or designed for navigation of, or flight in, the air;”

Adding the word “powered” eliminated gliders and hot air balloons from the definition of “aircraft” and thus exempted them from the annual registration fee. Owners of gliders and hot air balloons who had paid the annual registration fee after 2014 were refunded the fees.

Fast forward to **2018 and HB1258** (21-pages), which was another clean up of Title 50 Aviation. Once again the definition of “aircraft” was changed as follows: “Aircraft, any powered contrivance used or designed for navigation of, or a device that is used, intended to be used, or designed for flight in, the air. The term includes any airplane, balloon, civil aircraft, drone, glider, helicopter, and public aircraft; (3)(6) “Airplane,” an engine-driven fixed-wing aircraft, heavier than air, that is supported in flight by the dynamic reaction of the air against the aircraft's wings;”

Notice the term aircraft includes “airplane, balloon, civil aircraft, drone, glider, helicopter, and public aircraft.” Gliders and hot air balloons were back in the list along with drone and helicopter.

Amendment 1258wa was attached to HB1258 on February 15 by the House Transportation Committee. The amendment added three words to 50-11-29 as follows: “The

provisions of §§ 50-11-8 to 50-11-24, inclusive, do not apply to an individual operating model aircraft, balloons, gliders, or sUAS.”

The provisions of 50-11-8 to 50-11-24 include various aspects of aircraft registration including fees, penalties, exemptions, and more. So starting July 1, 2018, balloons, gliders, and small Unmanned Aerial Systems (sUAS) are specifically exempt from the annual registration fee. SDPA

STEM Symposium

The 2018 AOPA High School Aviation STEM (Science, Technology Engineering Mathematics) Symposium (4th annual) will be held at the Louisville Marriott Downtown hotel. Louisville, KY, on November 5-6.

The AOPA High School Aviation STEM Symposium is a one-of-a-kind STEM event completely focused on high school aviation education for high school educators and administrators. Hundreds of educators share insights, ideas, and best practices for incorporating aviation STEM programs into secondary education. The symposium includes breakout sessions, an exhibit area, networking opportunities, and plenty of learning from which you can benefit.

If you know of a teacher interested in STEM curriculum and aviation, encourage them to check out the 2018 AOPA High School Aviation STEM (Science, Technology Engineering Mathematics) Symposium at <https://youcanfly.aopa.org/high-school> and click on the “Learn More” box. SDPA

Overheard

A Cessna wheel/float aircraft was being ferried from the Lower 48 to Talkeetna, Alaska. Upon arrival the pilot called the FSS station for landing information.

FSS: Altimeter 29.92, wind calm, runway 01 or 19, your choice.”

Pause, , , , , , ,

Cessna: “Which one is the longest?”

From Tom Mackle

SDPA



For a comprehensive aviation event listing, go to <http://www.scpilots.org>.

May: Madison Aviation Enthusiasts meet at **Madison (MDS), SD**, on Thursdays at 6:00pm for food, fun & flying.

May: Coffee, treats & conversation at **Hot Springs (HSR), SD**, every Friday 9:30-11:30am. Come join us for some hangar flying. Ed Jensen at 605-745-3555.

May: SD Civil Air Patrol meetings. Seniors and cadets meet monthly at Brookings Airport, Custer County Airport, Ellsworth AFB, Pierre Airport, Sioux Falls Airport, and Spearfish Airport. For meeting times, specific locations,

and contact information, go to <http://sdcap.us/squadron-locations/>

May 5: Monthly meeting of the Joe Foss Squadron of the Commemorative Air Force at **Joe Foss Field – Sioux Falls Airport (FSD), SD**, at 10:00am in Maverick Air Center. Contact Rick Tupper at rick@cajfoefoss.com

May 6: Airport Breakfast and Young Eagle Rally at **Madison (MDS), SD**, from 8:00am to 1:00pm. Hosted by Rigglin Flight Service. The Lake County 4-H Aces Gun Club will be providing a \$5 breakfast feast. The funds raised will go toward their club activities. Young Eagles Rally 8:00am to noon conducted by Sioux Falls/Tea EAA Chapter 289.

May 8: FAASTeam Safety Seminar at **Pierre (PIR), SD**, at 7:00pm. Pierre Regional Airport Main Terminal Conference Room, 3800 Airport Road. Topic: Best Glide Speed and Aircraft Owner/Operator Responsibilities. Contact Steven Hoogerhyde at 605-737-3024 or steven.hoogerhyde@faa.gov

May 8: Monthly meeting of Black Hills EAA Chapter 39 at **Rapid City (RAP), SD**. 6:30pm hangar talk and 7:00pm meeting. To get to the **EAA Chapter 39 Club House**, take Highway 44 east to Rapid City Regional Airport. Then follow Airport Road to Hangar Road. A gate card is required to get in. If you don't have a gate card, contact an officer ahead of time to arrange entry. President John Glasford: 605-718-7352 or president@eaa39.org

May 9: Second Wednesday Cookout at **Martin Field (7K8), NE**. 6:00pm or thereabouts. Hamburgers, buns, and toppings provided by Chapter. Bring a side-dish and hangar stories to share. Everyone is invited. Contact Rick Alter at 712-233-1552 or rick.alterii@gmail.com

May 12: Young Eagles Rally at **Watertown (ATY), SD**, 8:00am to noon hosted by Sioux Falls EAA Chapter 289. Contact YE Coordinator Steve Christensen at 605-207-0317 or sksk@midstatesd.net

May 12: Litter Clean-Up Day at Chan Gurney Airport (YKN), Yankton, SD, at 1:30pm. Meet in the terminal. The YRAA will supply litter pickup devices, safety vests, and trash bags. "Ice cream bar" social afterward at 3:30pm. Contact Steve Hamilton at 605-665-8448 or skyhawk@iw.net

May 14: Sioux Falls Ballooning Club meeting at Oak View Branch Library (3700 E. 3rd Street), **Sioux Falls, SD**, at 6:30pm. <http://www.sfballooning.org>

May 15-17: Combat Raider 18-2, a large force exercise involving various military aircraft, will be held in the **Powder River Training Complex**: Powder River Two, Powder River Three, and Gap B. Check NOTAMs.

May 16: Monthly "Third Wednesday" Potluck Cookout at **Vermillion (VMR), SD**, (Denny Martens hangar) at 6:00pm for storytelling and world problem solving. Bring some food to share.

May 19: Airport breakfast at **Orange City (ORC), IA**, 7:00-9:00am. Fundraiser for RISE Ministries. Free-will donation. Call or 712-737-4215 or cell 712-395-1633. (third weekend)

May 19: Monthly airport breakfast in the EAA Chapter 289 Building at **Lincoln County (Y14), Tea, SD**, 8:00-10:30am featuring pancakes with eggs & sausage, coffee and juice

for a suggested donation of \$6.00; fly-in PIC free. Contact Gary Pelach at 605-310-9984.

May 20: YRAA potluck meeting in the terminal at **Chan Gurney Airport (YKN), Yankton, SD**, at 6:00pm. Bring a dish or two to share with the group, plus hangar stories. "Fly-A-Member" event after the YRAA potluck meeting. Pilots are encouraged to park their planes in front of the terminal prior to the YRAA meeting if they are willing to give rides to YRAA members starting at about 7:00pm. Contact Steve Hamilton at 605-665-8448 or skyhawk@iw.net

May 24 (every year): Charles E. Taylor's birthday – National Aviation Maintenance Technician's Day!! The day recognizes the efforts of aviation maintenance professionals as well as the achievements of Charles Edward Taylor, the man who built the engine used to power the airplane of the Wright Brothers.

Jun: Madison Aviation Enthusiasts meet at **Madison (MDS), SD**, on Thursdays at 6:00pm for food, fun & flying.

Jun: Coffee & homemade treats at **Hot Springs (HSR), SD**, every Friday 9:30-11:30am. Come join us for some hangar flying. Ed Jensen at 605-745-3555.

Jun: SD Civil Air Patrol meetings. Seniors and cadets meet monthly at Brookings Airport, Custer County Airport, Ellsworth AFB, Pierre Airport, Sioux Falls Airport, and Spearfish Airport. For meeting times, specific locations, and contact information, go to <http://sdcap.us/squadron-locations/>

Jun 2: Fly-in Family Fun Day at **Hot Springs (HSR), SD**. Breakfast 7:00-10:00am by 4-H Club (PIC free, all others free-will donation). Lunch 10:30am-2:00pm by Lions Club. "All activities weather permitting." SD Civil Air Patrol static display, tethered hot air balloons (5:15am to 8:00am), glider flights, STOL demonstration, Flour Bomb Drop Contest rides for kids ages 8-14, and more. Skydiving tandem jumps MUST pre-register at <http://www.skydivehotsprings.com/> Contact Ed Jensen at 605-890-6479. **Hot Springs Airport is looking for an aircraft mechanic to be based there.

Jun 2: Airport breakfast at **Milnor (4R6), ND**, 7:00 to 11:00am (rain or shine); free-will offering. Contact: Mark Gainor at 701-680-1001. <http://www.milnorairport.com>

Jun 3: Airport breakfast & lunch at **Central City (07K), NE**, 7:00am-11:00am breakfast. FREE to PIC & passenger courtesy of Ag Services Inc. Lunch 11:30am-2:00pm. Contact Don Shorney at 308-946-3450.

Jun 8-10: Nebraska State Fly-in at **Chadron (CDR), NE**. Schedule of activities: <https://www.nebraskastateflyin.org/>

Jun 9: Airport breakfast at **Sturgis (49B), SD**. ~7:30am to ~10:00am (rain or shine). Free-will donation Sponsored by C&B Aviation. Contact Roger Burnham 605-347-3356 or Bruce Bowen 605-490-1139.

[second Saturday in May, June, July, & September, but not August due to Sturgis Motorcycle Rally]



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www.sdpilots.org

Jun 9: SDPA meeting at **Sturgis (49B), SD**. 11:00am: Program will be Darrel Sauder and Jerry Runia telling about their adventures flying their Citabrias into backcountry airstrips in Utah. Noon: lunch with pizza & pop (\$5.00 per person). 1:00pm SDPA meeting with cookies. Contact Steve Hamilton for more information at 605-665-8448 or skyhawk@iw.net.

Jun 9: Monthly meeting of the Joe Foss Squadron of the Commemorative Air Force at **Joe Foss Field – Sioux Falls Airport (FSD), SD**, at 10:00am in Maverick Air Center. Contact Rick Tupper at rick@cafjoefoss.com

Jun 10: “Planes & Pancakes” Airport Breakfast at **Mandan (Y19), ND**; 8:00am-noon. Contact Jim Lawler at 701-391-1394.

Jun 11: Sioux Falls Ballooning Club meeting at Oak View Branch Library (3700 E. 3rd Street), **Sioux Falls, SD**, at 6:30pm. <http://www.sfballooning.org>

Jun 17: Father’s Day Airport breakfast at **Garrison (D05), ND**, 8:00am-1:00pm. Free will donation benefits local fire department. Contact Jim Wilcox 701-897-1571.

Jun 16, 2018: Ray Fagen Memorial Airshow, at **Lenzen-Roe Memorial (GBD), Granite Falls, MN**. Website: www.fagenfighterswwiimuseum.org
Point of Contact: Lynn McCall lynn.mccall@gmail.com

Jun 16: Airport breakfast in the EAA Chapter 289 Building at **Lincoln County (Y14), Tea, SD**, 8:00-10:30am featuring pancakes with eggs & sausage, coffee and juice for a suggested donation of \$6.00; fly-in PIC free. Contact Gary Pelach at 605-310-9984. Young Eagles Rally.

Jun 17: Father’s Day airport breakfast and airshow at **Canby (CNB), MN**. Dad’s Belgian Waffles breakfast starts 7:30am (PIC free); Burger Feed starts at 10:30am. Bouncy House for kids starts at 10:30am. FREE airshow at noon. Airport closed approximately 12:00pm to 1:30pm for air show, reopens upon conclusion of show. For more information, contact Matt Wagner at 507-828-0323. CHECK NOTAMS FOR AIRPORT CLOSURE FOR AIRSHOW

Jun 17: YRAA “Grilled Hamburger / Hot Dog” potluck meeting in the terminal at **Chan Gurney Airport (YKN), Yankton, SD**, at 6:00pm. Bring something to go with grilled hamburgers & hot dogs. Contact Steve Hamilton at 605-665-8448 or skyhawk@iw.net

Jun 20: Monthly “Third Wednesday” Potluck Cookout at **Vermillion (VMR), SD**, (Denny Martens hangar) at 6:00pm for storytelling and world problem solving, etc. Bring some food to share.

SDPA