



EAA Chapter 289

E-mail; EAA289@gmail.com

Mailing Address: EAA Chapter 289

PO Box 89105, Sioux Falls, SD 57109

Y14 location 47014 Great Planes Place, Tea, SD 57064

Chartered July 12, 1967



The Leader In Recreational Aviation

February 2024

## Chapter 289 Newsletter Around the Patch

Flag Maximum Promotions N West Ave, SF



### Around the Patch and now on Final

## NOTICE

Chapter 289 will have Potluck scheduled for Saturday, February 24th at noon. See information below.

Hello Fellow EAA'ers!

From John Muhle

We have a few things coming up that I would like to let everyone know about. First is **the Potluck scheduled for Saturday, February 24th at noon.** We'll start off with some lunch, a chapter meeting, then a yet-to-be-determined seminar, followed by family friendly games and playing of an aviation themed movie, (Does anyone have Disney's "Planes"?). **This event is open to members, prospective members, spouses, significant others, kids, grandkids, whomever!** Please mark your calendars and plan to attend. We will need main courses, desserts and salads. If anyone can bring their airplane over to the hangar for the kids to look at, it would be very much appreciated!!

At the February meeting, we will be discussing EAA's push for "Flying Start" in May. **This is an Eagle event where EAA HQ** will host a week of webinars culminating in an **Eagle flight day on Saturday, May 18th.** I've spoken with Mark at Legacy and he is onboard for showing the local path for training as well as helping with the Eagle flights. Depending on the response, we may need some additional airplanes and Eagle pilots so please consider donating your time and resources to the event. We will discuss local/national memberships and other logistics.

### Pictures or Information (articles)

EAA Chapter 289 would like pictures of members past or present projects or other information. These pictures will be displayed at Chapter building or posted on Chapter Website or published in Chapter Newsletter. This way we can showcase what the Chapter is all about. Please include a short story about the project.

E-mail to [pethau@sio.midco.net](mailto:pethau@sio.midco.net)

Or send to EAA 289, PO Box 89105, Sioux Falls, SD 57109



EAA Chapter 289, Lincoln County Airport, & Chapter Hangar Below Tea, SD



We want to sell as many ads as we can! Here's our pricing:

1/2 page, single issue	\$60.00
1/4 page, single issue	\$30.00
2" x 4" or 1" x 8", single issue	\$15.00
1" x 4", single issue	\$ 7.50

Any Member Ad for sale, for trade, etc. will run one or more issues for free ... and it does not need to relate to aviation! This is a member benefit—please use it ... 1 x 4 size.



Dr. Zachary Beecroft, DDS  
605-271-9330  
www.firstclassdentalcare.com  
6703 S. Louise Ave, Sioux Falls, SD 57108 (Just south of Lewis Drug)

## Advertising

- Call on your suppliers, insurance carriers, usual shopping store, etc.
- Inform them of prices
- Get Ad info information
- Collect ad price
- Turn into Editor

We want to sell \_\_\_\_\_

We want to trade \_\_\_\_\_

We'll give away \_\_\_\_\_



**Bomb Bay B-29**



"Making Everyday Special"  
1006 W. 5th St., Canton SD 57013  
605-987-4420.

289 Facebook Link: <https://www.facebook.com/ea289/>  
289 Website link: <https://chapters.eaa.org/ea289>  
CAP Lobos Facebook: <https://www.facebook.com/lincolnacp/>

**PLEASE NOTE:**  
**Our Chapter accepts donations of old batteries for recycling as a fund raising activity. You can drop them off on the 'castered pallet' in the Southwest corner of our hangar. Please help us out!**



**Arnold Air Force Base** (Arnold AFB) is a United States Air Force base located in Coffee and Franklin counties, Tennessee, adjacent to the city of Tullahoma. It is named for General Henry "Hap" Arnold, the father of the U.S. Air Force.



\*\*Aerial view of Arnold Air Force Base in 2005

The airfield was closed in 2009 but has since reopened. The first landing since 2009 took place in May 2023. Army aviation assets (helicopters) continue to utilize Arnold as part of missions supporting Fort Campbell, Kentucky or the Tennessee Army National Guard.

The base is home to the Arnold Engineering Development Complex (AEDC), the most advanced and largest complex of flight simulation test facilities in the world. The center operates 58 aerodynamic and propulsion wind tunnels, rocket and turbine engine test cells, space environmental chambers, arc heaters, ballistic ranges and other specialized units. AEDC is an Air Force Test Center organization.

Further information at: [https://en.wikipedia.org/wiki/Arnold\\_Air\\_Force\\_Base](https://en.wikipedia.org/wiki/Arnold_Air_Force_Base)

### Chapter 289 members

It won't be long before the weather is so nice you'll be drawn to the airport looking for any reason to turn AV gas into good memories. With that in mind, Chapter 289 is already planning our Young Eagle rallies for this year. We are tentatively planning to kick off our season in Worthington, MN April 13<sup>th</sup>, and in early May we hope to have an event in Watertown, SD.

To hold a successful event we need both pilots and ground volunteers. Now is the time to be sure your EAA Youth Protection verification is up to date. **CLICK LINK BELOW** and follow the directions to complete this training. All Young Eagle Pilots are required to do this, and it is highly recommended that ground volunteers also have this training. Once you have completed this training, please log onto YEDay.org and register as a Young Eagle Pilot. This gives the YE Coordinator the ability to register you for a rally, and better utilize the online registration and E-signature resources during a YE event. Also, over the past few years, Chapter 289 has had pilots transition away from flying Young Eagles for various reasons. Our rallies would greatly benefit if those pilots would consider participating as ground volunteers. Please consider helping out in whatever capacity you can, and continue to share your love of aviation.

If you have any questions about the training process or concerns about why all of these steps are needed, please review the FAQ section on the EAA website or reach out to the Young Eagle Coordinator.

Regards,  
Ryan Limesand  
(605)360-6538



Go to <https://www.eaa.org/eaayouth/free-ye-flights/young-eagles-resources-for-chapters-and-volunteer-pilots/volunteer-pilot-resources/~link.aspx?id=0FCA4DC84D6244E3A6DE0A2E2A62B2B4&z=z>

Per Ryan's email page 3, **Young Eagle season is ramping up** as well. Please consider giving of your time and resources to this worthy venture of introducing our hobby, our passion, to the next generation of aviators! Please contact Ryan Limesand if you are able to assist; he'll walk you through the process. From John Muhle

**On a personal note John Muhle**, after several years, Sunday (2/4/24) I was able to complete my first solo! I completed my laps in the pattern at Y14 in N28MB, a Piper Archer belonging to Mockingbird Flying Club, of which I am also a member. I had the airplane reserved the weekend previous, then Friday, Saturday and Sunday...all were canceled for weather until Sunday and that was even kinda "iffy" until late afternoon!



If you can walk away from a landing, it's a good landing. If you use the airplane the next day, it's an outstanding landing. Chuck Yeager  
Read more at <https://www.brainyquote.com/topics/airplane-quotes>

**Safety Tip      Helicopter Safety Message      by Ryan Limesand**

Wake turbulence is something we are all trained to be aware of, and avoid, while flying in and out of airports used by large fixed-wing aircraft. But what about helicopters? While on final for runway 16 at Y14 last winter there was an Avera helicopter landing on the ramp. As the rotor wing hovered for landing the snow boiled up around it creating localized blizzard conditions that would have been fun to watch, had I not been so focused on landing.

Information gathered about the local Avera and Sanford Airbus H145 variants stated rotor wash close to the aircraft can reach 80 MPH. This rotor wash can reach outward three times the diameter of the rotor disk. Simply put, a hovering helicopter is a moving microburst. While in flight helicopters produce a pair of trailing vortices similar to an airplane. Regardless of what you're flying, maintaining a distance of three times the rotor diameter is recommended. Larger helicopters create heavier vortices, so increase the distance around these. While taking off or landing following a helicopter, wait 2-3 minutes for vortices to dissipate. If possible, stay above a helicopter in flight, and maintain a separation of three miles when behind or below a helicopter.

While a helicopter pilot may try to hover as low as possible to minimize rotor wash while taxiing around other aircraft, using your wake turbulence knowledge will help keep you safe.

Follow the link below to see a Cessna 120 caught in helicopter wake turbulence.  
<https://www.youtube.com/watch?v=tZLXMkMgnS8>

Follow the link below to see a Cessna 120 caught in helicopter wake turbulence.

<https://www.youtube.com/watch?v=tZLXMkMgnS8>

June 04

**EAA CHAPTER 289 SIGNS**



Vice-President Steve Thompson continues work on the signs for the Chapter building - here attaching plastic strips to hold numbers displaying the Chapter's Young Eagle mission count

**MORE YOUNG EAGLES**

On May 15, 2004, Chapter pilots flew Young Eagle mission for a group of home-schooled children associated

with the Sioux Empire Christian Home Educators Association and the South Dakota Home Schoolers Association.



*Food First - Then Flying*

About 15 kids got their flight in before heavy rains hit at noon.

Those youngsters that were disappointed by the weather were invited back for the June 12, 2004, EAA Chapter 289 Young Eagles Day.



*Ron Keenihan demonstrates pre-flight and aircraft controls to Young Eagles*

Kids and parents report that they had a good time in spite of the weather.

**CRAIG HAGEN'S RV-6A**



Craig Hagen's RV-6A sits in Darrell Gilmore's shop awaiting avionics installation.

Craig began working on the aircraft in 1997 and predicts that it will be ready for its maiden flight "the second week of June."

The carbureted engine is a 180+ HP Teledyne-Mattituck 0-360 with 9:1 compression pistons and an electronic ignition system.

Other features of the day-night VFR aircraft are a Nav-Aid wing leveler, an Apollo com and transponder, a flush mounted Garmin 295 GPS, electric trim and flaps, and a smoke system.



**UND'S JOHN D. ODEGARD SCHOOL OF AEROSPACE SCIENCES**

If you are also an AOPA member, AOPA Online has an extensive article on this noted aviation school and probably more than you want to know about the Grand Forks, ND, area, including Grand Forks Air Force Base. If flying in the area, watch out for the world's tallest man-made structure - a 2063-foot TV tower south of Grand Forks. Check these sites:

[www.aopa.org/members/files/pilot/postcards/grand\\_forks.html](http://www.aopa.org/members/files/pilot/postcards/grand_forks.html)

Also see: [www.aero.und.edu/aviation](http://www.aero.und.edu/aviation)

**Did Youi Know?**

**No two snowflakes are exactly alike, but all snowflakes have six sides or arms**

EAA Chapter 289  
47014 Great Planes Place  
Lincoln County Airport  
Tea, SD 57064

TO:

Mailing Address:  
PO Box 89105  
Sioux Falls, SD 57109



Vanguard Squadron SF Air Show  
2023

**Newsletter send by E-mail**  
If you want to get Newsletter by E-mail to help us save on some printing and postage cost. Please e-mail chapter at [pethau@sio.midco.net](mailto:pethau@sio.midco.net) with your name & e-mail address.

Membership Dues  
In EAA 289  
\$25.00/yr  
Life Member  
\$500



**NOTICE**  
Chapter 289 will have Potluck  
scheduled for Saturday, February  
24th at noon. See information page  
one.



Blowing Snow January 2024