





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
 May 2023

Chapter 289 Newsletter Around the Patch

Flag hanging in Bruce Beecroft Hangar.



Around the Patch and now on Final

SUMMER SLAMS US, BUT NO MOSQUITO BITES YET, WHEW. Our first Pancake breakfast was a success, having more attendance than our first one in 2022. We hope our next pancakes on SATURDAY MAY 20th can entice even more 289ers, guests, AND NEWBIES!

Some of our dedicated members are building projects, many are planning family trips to Oshkosh in July, and DONT FORGET this year is ALSO the SUPER SIOUX FALLS AIRSHOW in July 29 & 30, 2023.

Some of you may recall 10-12 years ago, we provided a small office space in our meeting room for a desk for our local airport manager, after some consideration and discussion. We've agreed that we can do that again if the county gets a manager, so NO surprises. Big WELCOME to ALL NEW MEMBERS, especially NEW LIFE MEMBERS, AND YOU unsung DEDICATED LONG TERM 289ers.

THANKS EVERYONE BRUCE B.

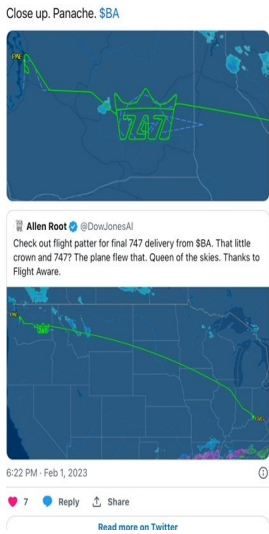
Pictures or Information (articles)

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



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



AirVenture Dates

2023: July 24 - July 30
 2024: July 22 - July 28
 2025: July 21 - July 27

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.



FIRST CLASS
DENTAL CARE

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 _____



"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/lincolncap/>



Deer by Humane Society Benson
Rd 4-2-2023

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!

Batteries + Bulbs WE FIX IT 605/362-1050



April 15, 2023 Lincoln County Airport

Morning was cloudy with temp in the 40's along with winds and afternoon rainy. Most of snow has melted do to high temps in 80s and 90s that week. There was good turnout of people from the area.



Left: Terry Steenholdt (left) & Steve Rokahr

Right: Couple Planes in parking area.



Left: Snow piles have melted.

Right: Just outside hangar.



Think & Fly

Airplane quotes about the true beauty of air travel

“The similarities between commercial airplanes and automobiles are striking. It’s all about safe and efficient transportation using the latest technology and the best fuel efficiency.” – **Alan Mulally**

Provided by: <https://everydaypower.com/airplane-quotes/>

THANK YOU FOR JOININGS US
FOR PANCAKES:

Serving Pancakes 2023:

May 20th

June 17th

July 15th Wings & Wheels

August 19th

September 16th

October 21st

Join us 8 to 10 am every 3rd Saturday of the month.

Tell yours friends.

289 BREAKFAST LIST.doc —EAA LOGOS

SAFETY TIP by DALE KNUTH

Over the next few newsletters, I will be republishing details of the topics listed below. This month's topic is #11 **General Aviation Fatal Accidents: Possible Scenarios**

Controls still working at Impact(C-Fit)

1 SD -D

2 SD - N

3 I-IMC ATO

4 U-IMC ATO

5 Buzzing/ACRO

6 Mishandling ABN

7 Terrain Collision

8 Loss Of AHRS in FLT

9 Non-Stabilized Appch

10 *Intentionally left blank*

Controls Not Working At Impact(U-FIT)

11. LOTOT

12. Loss Of speed Awareness

13. VMC Roll over

14. Mid-Air Collision

15. IN Flight Icing

16. Messed Up Go-Round

17. Failed FLT Control System

18. Rejected Takeoff (RTO)

19. Seat Slides Back

20. *Intentionally left blank*

All of these flights can therefore broadly be placed in one of two buckets:

Uncontrolled flight into terrain (the earth) which is U-FIT (commonly referred to as LOC-I, Loss of control in-flight, by the NTSB)

In U-FIT, (LOC-I) the aircraft is not responsive to flight control inputs due to lack of airflow over them.

Controlled flight into terrain (the earth) which is C-FIT

In C-FIT, the aircraft is responsive to flight control inputs right up until impact.

- SD is spatial disorientation, day (D) or night (N)

- I-IMC ATO is intentional IMC after takeoff (i.e. a departing IFR flight)

- U-IMC ATO is unintentional IMC after takeoff (a surprised VFR pilot rotating up into IMC)

- Vmc Roll over is Min controllable airspeed LOC-I due to one engine inop on a twin. LOTOT - twin

Being aware of the problem and practicing and reviewing in advance will cause drastic improvement in the outcome.

UNCONTROLLED FLIGHT INTO TERRAIN: LOSS OF THRUST ON TAKEOFF

The NTSB refers to these accidents as LOC-I or loss of control, Inflight. One of the highest category fatal accidents for all of General Aviation is LOTOT. In this scenario the primary power plant fails during takeoff when the aircraft is lowest to the ground, and the pilot is least prepared for it. The airplane may be climbing slightly steeper at V_x for obstacle purposes or closer to V_y as normal. The sudden shock of the sudden loss of thrust has been proven to cause pilots to unconsciously pull aft on the yoke or stick during the brief time of confusion. The aircraft typically has between 2 and 8 seconds before the wings stall and the aircraft departs controlled flight. Traditional FAA stall recovery is always practiced up high and is always recovered through use of both pitch and power. In this real-life scenario, the pilot is expected to make a stall recovery without the use of any power, a maneuver that has never been taught or checked by FAA at any time for single engine planes. The aircraft typically turns left and pitches as much as 80 degrees nose down and impacts nearly vertical. The LOTOT accident scenes are often obvious due to witness reports of engine failure sounds, the resulting near vertical flight profile, and the entire resting wreckage being located just to the left side of the runway (not always) and inside of a very tight circle. More than 80% of these crashes involve an impact explosion or a post impact fire that makes survival completely impossible.

SOLUTION: This one is important! Get with your best CFI and practice this up high. Go through dozens of repetitions where you lower the nose based on when you hear the engine pitch change. This is called conditioning. You are conditioning your own reflexes! Learn to associate an immediate body reaction that correlates to the sound and feel of an engine losing RPM. Prior to every takeoff, brief the departure in terms of an RTO(rejected take off) as well as LOTOT. Be *expecting* the engine to quit soon after takeoff and be ready to PUSH to obtain a best glide deck angle. If your ASI is placarded with a DMMS speed, try to adjust pitch for DMMS(Defined minimum maneuvering speed) at a minimum after the failure. You can also practice simulated ones closer to ground if you are sure of suitable landing areas if anything goes wrong. It is often very helpful to try these with throttle only around 400 feet AGL after takeoff, but this practice is solely at the discretion of the instructor. In real life, you have only a few seconds to push during an engine failure immediately after takeoff.



Wings and Wheels Day!

EAA Chapter 289 & Legacy Aviation

July 15, 2023

47014 Great Planes Place by Tea, SD

- **Accompanied Hanger Tour**
- **Classic Cars and Hot Rods**
- **Pancake Breakfast served 8:00—10:00 am**
- **Adult Flights available at Legacy Aviation**
 - Will offer Discovery Flights for \$99 plus tax for a ½ hour flight. An individual would be seated like a co-pilot and learn about taking flight lessons.
 - A ½ hour Scenic Flight for \$49 plus tax per person, minimum of 2 people per flight.

Come join us at the Lincoln County Airport!

For more information contact:

Legacy Aviation 605-368-2841

Gary Pelach 605-310-9984 or Roger Van Noort 605-941-5251

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

TO:

Mailing Address:
PO Box 89105
Sioux Falls, SD 57109



Crowd Breakfast
March 15, 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 with your name & e-mail address.

Membership Dues
In EAA 289
\$25.00/yr
Life Member
\$250



EAA 289 Pancake Breakfast &
Board of Directors meeting 8 am
May 20, 2023
June 17, 2023
July 15 Wings & Wheels



Ducks by Dow-Rummel Village.
April 14, 2023