



NEWS!

AUGUST 2025



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President's Corner

Bruce Mundie



It's hard to believe that AirVenture 2025 is already complete. I'll need to cut off my wristband sooner or later. I survived flying the FISK ARRIVAL 20 knots below the minimum speed. That's as fast as the Nieuport will go, and the best way I know how to make friends during the first day at Oshkosh!

Many thanks to Shawn McIlnay for running the camp site! By all measures the weather and camaraderie was excellent. Our first, I hope of many, Chapter 80 breakfasts was a good success too. It was fun to see all my Western Iowa and Eastern Nebraska aviation friends at the Tail Winds Café at Oshkosh.

Jim Beyer's Celebration of Life took place at Hinckley airfield on 2 August. Bob Dyer took a plane full of guests in his new Beechcraft. Jim's event was well attended with a 10-ship flyover and a six-ship missing man tribute. A scholarship in Jim's name has started and to

date has over \$600 in donations.

Our monthly Young Eagles event was on July 19th. Once again thanks to Scott Pridie and all the volunteers for hosting. Our August event has been rescheduled for 23 August.

May of Millard Airport's T-hanger taxiways will close as of 18 August. Please make sure you are ready for a potentially lengthy construction project.

Finally, Hague Howie's STEMaha day is set for 30 August at Millard. He is expecting many vendors, static displays, and activities for young inspiring aviation enthusiasts. Plan to participate or volunteer if you can! As always, keep an eye on the weather here on the Great Plains!

Thanks, and fly safe! Bruce



Wing Nutz Flyover at the
Jim Beyer Memorial Fly-In,
Hinckley, Illinois.
August 2nd, 2025



Bob Dyer and crew on their way to
Jim Beyer's Memorial at 0C2,
Hinckley Airfield (IL).

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July 2025 Meeting Minutes

No minutes, we ate burgers and dogs. A grand time was had by all.

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EAA Chapter 80 is classified as a Non-Profit Charitable Organization per section 501(c)3 of the Internal Revenue Code. As a result, we are eligible to receive tax-deductible contributions in accordance with Code section 170.

Your contributions will go towards such things as:

- ✓ Aviation scholarships
- ✓ Scholarships to send kids to EAA's Air Academy in Oshkosh, Wisconsin
- ✓ Helping promote Young Eagles events and rallies for the community
- ✓ Many other events that promote aviation in the Eastern Nebraska and Western Iowa region.

EAA 80 is a 100% volunteer organization, there are no paid members to the staff. Our only funding comes from chapter dues and occasional fund raising.

Please visit our website eaa80.org or contact an officer to inquire about making a tax free donation.



Membership update:

- Welcoming new members:
 - **Drew Walton, Bennington**
- We have **152 active members**.
- **86%** of our members have paid their 2025 membership dues.
- Members with unpaid '25 dues will be removed from our membership rolls at the end of September.
- New **EAA80 Name Badges** have been produced for those who have not received one and will be available for pickup at our monthly chapter meetings.
- 2025 membership dues [\$25/adult, \$15/student] can be paid by cash, check, or Venmo (+\$1 to cover Venmo processing fee). Checks can be mailed to [EAA80, c/o Richard Kolkman, 18058 Leavenworth St., Elkhorn, NE 68022].
- For membership profile changes (contact information, EAA80 email lists, etc.) email updates to membership@eaa80.org

August Guest Speaker

Sam Bousfield, CEO & Founder of Samson Sky and the Switchblade flying sports car will be speaking about the basics of his two-place Experimental category aircraft that both drives and flies, and stores in your garage!

<https://www.samsonsky.com/>

→Koehler's Korner→



This month's article is a follow-on to last month's story, which was a follow-up to the previous month. You may remember I confessed to installing a cylinder on a C-182 engine and failing to install the plug in the fuel injection port above the intake valve in the cylinder head. This hole in the induction manifold allowed so much air in that the new cylinder would not fire at low rpm. It took a while to find the problem and the engine ran at low power levels for about 15 minutes in this configuration.

After discovering the problem, we fixed it with a brass plug from the old cylinder and proceeded with the cylinder break-in, which involved flying the plane at a high power setting that would generate enough friction in the cylinder to get the rings to properly seat on the cylinder walls. Under

normal circumstances, Superior Millennium cylinders have a reputation of breaking in relatively quickly, typically in an hour or two.



They have through-hardened plain steel cylinders and chrome piston rings. The owner started the C-182 and got it airborne within a few minutes, as the recommended break-in procedure recommended, but the new cylinder immediately showed a very high CHT on the multi-probe engine analyzer.

After about 7+ hours on the new cylinder, we decided to take it off and have it thoroughly inspected using Aero Services of Winchester. After the inspection we put new rings on the piston and installed the cylinder for the second time. Again, long story short, the high CHT problem was still there.

We all agreed that the earlier problem with the missing plug in the injection port had nothing to do with the break-in issue. After another visit to Aero Services, they decided to remove the cylinder (a third time) and replace it with a new one. To do so, they first removed the exhaust system and discovered the following:

It turns out that the exhaust system developed a leak on the backside at a slip joint and the leak was directly impinging on the CHT sensor probe. This was giving an artificially high indication of the cylinder's CHT on

the display in the cockpit. This solution completely explains why we had the high CHT indication and no other indication of cylinder distress, such as high oil consumption or temperature. A weld repair and this engine/plane should be happily flying again. When this happens, we can hopefully verify that the cylinder has broken in successfully. The relatively small leak was hard to detect because it left no trace gas markings on the cylinder, and was on the backside where it was not clearly visible.

I hope this discussion of the ongoing issue associated with replacing a cylinder helps you more successfully understand and maintain your plane.

Keep building, flying, and maintaining.

Dick

07/2025

KC-46 Special Look at OSH

For those unaware, Michael Stahl is kind of a big deal. In addition to building an excellent example of an RV-8, he also has many hundreds of hours in the KC-135 and KC-46 refueling tankers, operating the boom. The KC-46 at Airventure 2025 was delivered to the Wisconsin wing by Mr. Stahl. Michael was able to say hello to the crew and they invited us on board. What a treat!





Most overhead comment on the KC-46: “This is way nicer than the 135.

Grayson enjoying the right seat.



Cody met Alpha Golf and Romeo Hotel from the Opposing Bases podcast. If you haven't heard of this fountain of info, a blend of flying and air traffic insight, I highly recommend it.

Text "EAA80" to (884) 446-2430 to enroll in text announcements for upcoming chapter events and details.



Airventure 2025 EAA 80 Camping Report

Chapter 80 was well represented at OSH. Our chapter campsite had 2 RVs, a travel trailer and a few hardy souls in tents. The shower house and restrooms were close by. We set up next to the creek but the bugs were minimal, at least early in the week.

Next year will be here before we know it. I'm planning to turn our reservation in on Day 1, get 6 sites and maybe get us closer to showers that are a little newer. Make plans now to come with us!

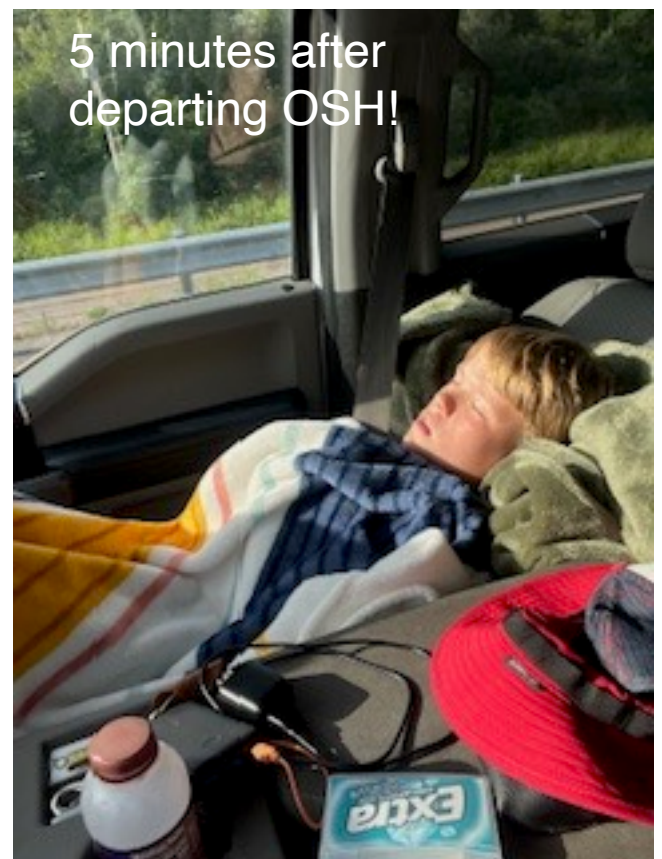


Matt's tent

Jairo's tent



Pancakes!



5 minutes after
departing OSH!

EAA 80 MONTHLY TREASURER REPORT

Jul-25

Income

RV12 Note	\$2,700.00
Member Dues	\$162.34
TOTAL INCOME/RECEIPTS	\$2,862.34

Expenses

Oak View Rent	\$150.00
Scholarship Payments to Recipients	\$4,800.00
Food & Drink	\$381.57
TOTAL EXPENSES/OUTFLOWS	\$5,331.57

Assets

Pinnacle Bank CD's	\$40,000.00
RV 12 Note	\$0.00
Glastar Project	\$25,000.00
Shirt Inventory (est)	\$400.00
Checking Account Balance	\$16,769.93
Venmo Balance	\$1,324.21
TOTAL ASSETS	\$83,494.14



Fishing at the
seaplane base



Touching
down on the
orange dot!



Chapter 80
breakfast at the
Tailwinds Cafe

EAA Chapter 80 Announces

Jim Beyer



Memorial Aviation Scholarship

Jim's countless friends and colleagues will miss his presence both in the skies and on the ground. He was known as a "pilot's pilot," who was focused on paying it forward and giving back to future aviators.

Help Jim's dreams continue to soar in the next generation of pilots. A scholarship is being developed to honor Jim and keep his spirit aloft. Please consider celebrating Jim's impact on our aviation community by supporting the next generation of aviation enthusiasts .



venmo

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