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News!

July 2023

On the Web: www.EAA80.org

Facebook: www.facebook.com/eaa80

Twitter: https://twitter.com/eaa_80

President's Corner



Bruce Mundie

The Ford is coming to Millard; and EAA 80 is hosting! Rides are open to the public on 10-13 August. Thursday 2 – 5 PM; Friday through Sunday 9 AM to 5 PM. Work sessions are set for half day shifts: Friday – Sunday 8:30 to 12:30 and 12:00 to 5:00. I need you to sign-up for at least one session. Jobs include shift lead; passenger loading and unloading; engine starting; and ticket sales and more. Text me at 703-405-7817 or sign-up at the meeting on 10 July.

Please consider running for an EAA 80 officer position this Fall! Elections will be November and December. New people, new ideas, and new leaders will help keep our chapter running smooth and healthy.

We are still looking for a project lead for the Glastar build. Let me know if you are interested.

Summer has arrived! May the number of your takeoffs equal the number of your landings!

Thanks, and fly safe! Bruce

Bruce

fly on the Ford

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AUG 10TH-13TH | OMAHA, NE

PRICING: ADULT MEMBER: \$85 | ADULT NON-MEMBER: \$95 | CHILD (17 & UNDER): \$65

RIDES: THURS 2-5 PM | FRI-SUN 9 AM - 5 PM



FOR MORE INFO: FLYTHEFORD.ORG
OR CALL: 1-877-952-5395



Vice President

Bob Dyer

July 10 we will have Owen Grimm from the FSDO FAAS Team presenting on maintenance and airworthiness.

If you have any future presenter ideas, drop Bob Dyer a note.

Social Coordinator

Ed Kirker

September 10 Plattsmouth Picnic at 12pm

The Chapter Christmas Party will be December 11, 2023. The social hour will be 6pm and dinner at 7pm.

Membership

Rich Kolkman

We had one new member join the Chapter last month:

- Chris Seim, Omaha, NE

And one returning member:

- Mark Miller, Council Bluffs, IA

Calendar of Events

July 10, Chapter meeting, 7pm, Oracle Aviation

July 15, Young Eagles

Jul 24-30, Air Venture 2023, Oshkosh

Aug 10-13 Ford Tri-Motor

Aug 14 chapter meeting

Aug 19, Young Eagles

Sept 2, Young Eagles

Sept 10, Young Eagles

Sept 10, Plattsmouth Picnic, 12pm

Oct 9 meeting

Oct 14, Young Eagles

Nov 13 chapter meeting

Nov 18, Young Eagles

EAA Chapter 80 Meeting Minutes

June 2023

The chapter meeting was held on June 12, 2023 at Oracle Aviation, and called to order at 7 PM by Bob Dyer.

Guests and New Members: Guests attended: Dave Ott, Chris Seim
New Members: No new members.

Meeting Minutes: Meeting Minutes from May were approved with no changes or modifications.

Treasurer's Report: It was reported the current balance as of the chapter meeting was \$6,984.59. Chapter dues can now be paid using a credit card with a \$1 surcharge.

Membership: Rich Kolkman reported that the membership is at 131 with 74% Paid. Reminder Rich needs pictures of some members for the membership roster.

Scholarship: Delaney Moffitt earned her PPL on May 13, 2023..

Andrew Paneda, 2023 Ray Scholarship is overcoming his medical with the FAA.

Tech Counselors: Bob Condrey let us know that the Metal Supermarket has aircraft metal for your builds. He advised calling them as there is a big difference with their online prices.

Someone else also mentioned Nuts & Bolts had aircraft grade fasteners.

Jim Beyer brought up the need to properly torq wood propellers.

Young Eagles (YE):

-Next Young Eagle event will be June 17 starting at 8:30am.

Upcoming events

July 15

August 19

September 2 is STEM Day.

September 10 will be at Plattsmouth in conjunction with Harvest Days.

October 14

November 18.

Text Scott Pridie at 832-489-2159 to volunteer as pilot or ground crew. See Rich Kolkman to get on the Young Eagles Email group.

Tools: Contact Nathan Beyer your tools manager.

Friends of EAA80: Hague Howey made an impassioned plea for more adult involvement with Stemaha as they teach kids great life skills through building airplanes. Reach out to Hague to get more involved.

Social Coordinator: Ed Kirker reported

Chapter Picnic and Flyin September 10 at Plattsmouth.

Christmas Party 2023 December 2023 (Gorats)

IMC/VMC:IMC On Summer Break until October.

VMC On Summer Break until October.

VP: Bob Dyer, Any ideas for speakers?



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- FAA Testing
- Pilot Supplies/Merchandise
- Aircraft Brokerage
- Aircraft Acquisition

KMLE 12916 Millard Airport Plaza Omaha, NE 402.934.5300 www.oracleaviation.com

Builder Reports: Ron Hansen reported on the progress of his Sonex.

Builder Meeting: No report.

Chapter Build:

- Zenith: Need Mike Howard's update.
- Club RV 12: The \$14,000 grant was returned to the Ray Foundation. Stemaha was going through service bulletins to see if anything needed to be covered.

Al Nelson presented to the chapter this might be a good candidate to start a flying club around this project. The fuselage, wings and empennage would be purchased from EAA80 at a yet to be determined price. Kits left to purchase are the finishing kit, avionics and power plant. Anyone interested should contact Al @ 402-305-3941.

- Glstar needs a volunteer to lead on this project.
- Regarding the Metrotech RV no updates. May be stuck in legal or administrative limbo.

Fly-outs: There were no Flyouts in May.

PRESIDENT: Bob Dyer in place of Bruce Mundie

• Ford Tri-Motor is coming to Millard August 7-14

- Rides- We need volunteers to help August 11-13
- Shifts are 8:15am to 1:00pm, 1:00pm to 6:30pm
- Please sign up for at least one shift!
- Training is required for all volunteers

Calendar:

Next Young Eagle event will be June 17 starting at 8:30am.

Then July 15, August 19, September 2.

September 10 will be at Plattsmouth in conjunction with Harvest Days.

July 10 Meeting at Oracle

July 24-30 AirVenture at Oshkosh

August 11-13 Ford Tri-Motor Visit

August 14 Meeting at Oracle

October 14

November 18

New Business: NONE

CENTRAL CYLINDER SERVICE

AIRCRAFT ENGINE REBUILDERS

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Old Business:

Chapter Coffee Mugs and Koozies are being ordered.

Announcements:

No Announcements.

Presentation: Dirk Petersen with NOAA presented on how they update pilots on weather and the tools they use. Dirk emailed his presentation to the chapter. It has many useful links.

Next Meeting: The next chapter meeting is July 10 at Oracle Aviation, 7pm.

→Koehler's Korner→



In aviation, we often live or die based on the correct usage of words. Some people call it standard phraseology, some call it tradition.

Knowing the rules

and terms can make your flight at the least safer, and in some cases legal. It may sound trivial, but we depart fixes and leave altitudes, not vice versa. In that spirit, I would like to discuss a couple of commonly misunderstood words in the maintenance world.

Last month I attended a presentation by a technical representative from one of the major aircraft engine manufacturers. One thing drove me crazy at the presentation, and I would like to kick it around a bit here. He used the term “certified engine” in his speech and on the accompanying graphics. Folks, there is no such thing as a “certified” engine, and in

particular, a FAA certified engine. In fact, the FAA does not certify anything, and were particularly careful to not use the term anywhere in the regulations. The speaker was billed as an A&P/IA and should have known better, in my opinion.

The proper term that the speaker was trying to use is a “certificated” engine. Yes, they are close sounding, but are not in the same ballpark, legally. Let’s get this straight up front, the FAA does not certify anything, and probably never will, for legal liability reasons. The term “certificated” means the item (airframe, engine, or propeller) has been issued a Type Certificate, which is a detailed listing of the configuration of the item. It is not a detailed specification or set of blueprints from which one could build a duplicate, but it is enough to strictly identify the item. For an engine, for instance, it will list the number of cylinders, required fuel(s), horsepower, and compatible accessories, such as fuel metering systems, spark plugs, etc. It defines the configuration and sets a standard.

Now, to legally manufacture an item that has a Type Certificate, also requires that you get a Production Certificate for that item. Again, issued by the FAA, the Production Certificate involves a detailed inspection of the production facility that will make the item. This involves everything from details of tooling and the quality assurance system to management of subcontractors and training. A “certificated” item is subject to FAA configuration and manufacturing standardization, but, again, the FAA does not certify anything.

By the way, the rules for LSA (Light Sport Aircraft) and Homebuilt aircraft are quite

different. SLSA (Special Light-Sport Aircraft) are designed and made to a “best practice” or an ASTM (American Society for Testing and Materials) specification. The manufacturer defines the design, what maintenance must be done on the aircraft (airframe, engine, and propeller) and who can do it. For Experimental aircraft, including ELSAs (Experimental Light Sport Aircraft), the only maintenance requirements are listed in the Operating Limitations, usually only an annual “safety” inspection.

One second unusual term you may run into is “calendar months.” As far as I know, this is a unique FAA term. If you look closely, many Airworthiness Directives (ADs) and the aircraft’s annual inspection are based on calendar months. You will see such wording as, “within the preceding twelve calendar months.” FAA defines a calendar month as the complete month to the end of the month.

So, for instance, if an annual (12 calendar month) inspection is completed on any day of a particular month, say April, it is valid through the last day of that month (April) of the following year. So, if your annual was signed on April 1 this year, you could legally fly it without another annual until 1 May of next year, effectively getting thirteen months out of your “annual.” The term calendar month is used with most inspections, from annuals to ELTs to transponders and altimeters. Also, it is commonly used on many ADs, but occasionally is not, so be careful and read ADs (if they apply) like a court room lawyer.

I hope this little discussion of aviation terms helps you better build and maintain your plane.

Keep building, flying, and maintaining.

Dick 6/2023

FAA 80 MONTHLY TREASURER REPORT		
Jun-23		
Opening Balance		\$6,984.59
DEPOSITS	Dues (Venmo)	\$24.43
EXPENSES	Oak View Rent	\$150.00
Ending Balance		\$6,859.02

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.

Photos!

Young Eagles



Photos! (cont.)

Young Eagles

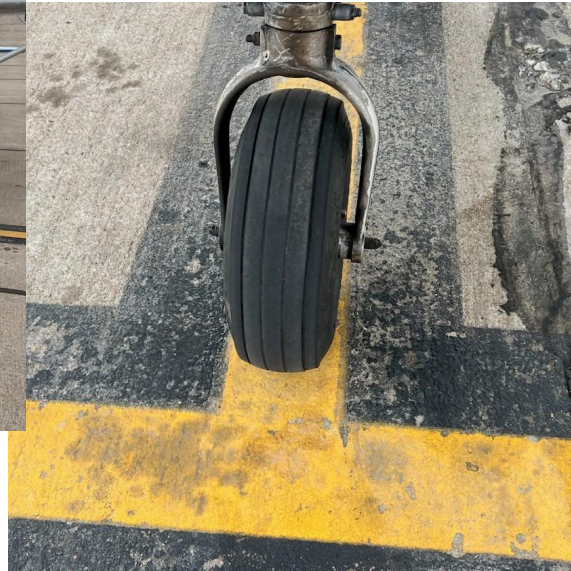


Right: Tom “Tommy Tow” Ostlund explaining to a parent the best way to get a selfie with their son in the co-pilot seat. Ha!



Photos! (cont.)

Young Eagles



Above and right: During a Young Eagles rally, Tom Ostlund explains, in detail, his parking technique that allows the taxiing accuracy as seen in the tire centered on the stripe. Good job, Tom! 😊

Upcoming Webinars

[FAA- Here to Help](#)

Qualifies for FAA WINGS and AMT credit.
7/5/23, 7 p.m. CDT
Mike Busch

[916iS - The New Rotax Engine](#)

Homebuilders Webinar Series
7/11/23, 7 p.m. CDT
Nino Tavio

[How to Ground an Airplane](#)

Qualifies for FAA WINGS and AMT credit.
7/12/23, 7 p.m. CDT
Prof. H. Paul Shuch

[Homebuilt Highlights from AirVenture 2023](#)

Homebuilders Webinar Series
8/8/23, 7 p.m. CDT
Paul Dye

[Unbelievable Compressions](#)

Qualifies for FAA WINGS and AMT credit.
8/9/23, 7 p.m. CDT
Mike Busch

[Vintage Aircraft Parts Substitution](#)

Qualifies for FAA WINGS and AMT credit.
8/16/23, 7 p.m. CDT
Tom Charpentier

[Swift Fuels Unleaded Avgas](#)

Qualifies for FAA WINGS and AMT credit.
8/23/23, 7 p.m. CDT
Chris D'Acosta

[Legal Interpretations](#)

Qualifies for FAA WINGS and AMT credit.
9/6/23, 7 p.m. CDT
Mike Busch

[Fortunate Catch](#)

Qualifies for FAA WINGS and AMT credit.
10/4/23, 7 p.m. CDT
Mike Busch

[Cloudy With A Chance of PIREPs](#)

Qualifies for FAA WINGS credit
11/08/23, 7 p.m. CST
Prof. H. Paul Shuch

These are the current webinars listed on eaa.org. Please check the site at: www.eaa.org/en/eaa/news-and-publications/eaa-webinars to see if there are other webinars available.



EAA CHAPTER 80

NEW MEMBER APPLICATION FORM

CONTACT INFORMATION

NAME:	<input type="text"/>	EAA #:	<input type="text"/>
HOME ADDRESS:	<input type="text"/>	SPOUSE NAME:	<input type="text"/>
E-MAIL ADDRESS:	<input type="text"/>	HOME PHONE #:	<input type="text"/>
PROFESSION:	<input type="text"/>	CELL PHONE #:	<input type="text"/>
RETIRED? [<input type="checkbox"/> Yes <input type="checkbox"/> No]		STUDENT? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	

MEMBERSHIP PROFILE

OWNED AIRCRAFT? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	TYPE: <input type="text"/>	N-NUMBER: <input type="text"/>
AIRCRAFT BUILDER? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	TYPE: <input type="text"/>	% COMPLETE: <input type="text"/>
AIRPORT BASE: <input type="text"/>	HANGER: <input type="text"/>	
PILOT LICENSE/RATINGS: <input type="text"/>		
JOIN E-MAIL GROUPS: [<input type="checkbox"/> Fly-Out <input type="checkbox"/> Builders <input type="checkbox"/> Young Eagles <input type="checkbox"/> AirVenture <input type="checkbox"/> Chapter Build]		
YOUNG EAGLE VOLUNTEER? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	YOUTH PROTECTION TRAINING CURRENT? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	
OK TO PUBLISH INFO. IN CHAPTER DIRECTORY? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	DO YOU HAVE A NAME TAG? [<input type="checkbox"/> Yes <input type="checkbox"/> No]	YEAR JOINED EAA80? <input type="text"/>

ANNUAL DUES – \$25 (\$15 STUDENT)

PAYMENT FOR YEAR(s):	[<input type="checkbox"/> 2023 <input type="checkbox"/> 2024 <input type="checkbox"/> 2025 <input type="checkbox"/> 2026 <input type="checkbox"/> 2027]		
PAYMENT DETAILS: TYPE:	<input type="text"/>	AMOUNT: <input type="text"/>	DATE: <input type="text"/>

MAIL CHECK TO:

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18058 LEAVENWORTH ST.
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