



News!

June 2024

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Facebook: www.facebook.com/ea80

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President's Corner

Bruce Mundie



Big news for EAA 80: We gave away \$24,000 in scholarships in May! Impressive by any definition. You can be proud to be a member of a chapter that is ensuring the next generation of aviation leaders is being aided and

trained.

EAA 80's Ray Scholar is Jario Anguiano-Adame. Jario has been awarded \$11,000 from EAA National's Ray Foundation to earn his Private Pilot's License in one year. Our Rex Ekwall Memorial Scholar is Josh Hrynkow. Josh is the first of many to be awarded \$11,000 from the Rex Ekwall Memorial Foundation to also earn his Private Pilot's License in one year. Tatum Navrkal is EAA 80's UNO Aviation Scholar. Tatum has been awarded \$2000 towards his undergraduate degree from UNO's Aviation College.

Our Young Eagle Rally on 18 May was a huge success! We had a hand full of aircraft, a whole lot of ground crew, and a bunch of eager Young Eagle aviators. Scott is planning a small YE rally on 8 June to celebrate EAA National's 31st annual Young Eagle day. We are always in need of a few more volunteer pilots as the demand for flights always out weighs the supply.

EAA 80 will be hosting a chapter camp site at Oskhosh again in 2024. Please contact Dave Seeger or Patrick Stolinski for details.

EAA 80 is planning a ground display at the Offutt Airshow on August 24-25. Please consider signing up to man our booth at the open house.

Summer has arrived here on the Great Plains and with that our best flying season. Remember that flying can be inherently dangerous. Please make sure that when you go fly that you do it in a manner that is as safe as possible.

Fly safe,
Bruce

Miscellaneous Notes

Vice President

Bob Dyer

The June 10 meeting presenter will be Bob Condrey et al., discussing AirVenture plans, changes, and camping.

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

Membership

Rich Kolkman

New Members to report:

- John Ferguson, Omaha, NE
- 79% of members have paid their 2024 membership dues.
- 2024 membership dues:
- [\$25/adult, \$15/student] are due now and 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].

2024 Ray Scholarship Winner



EAA 80 is pleased to announce the winner of our 2024 Ray Scholarship: Jario Anguiano-Adame. Jario is a recent

graduate Omaha South High School and is enrolled to attend the University of Nebraska at Omaha in the Fall of 2024, and study Mechanical Engineering. Jario was inspired to fly after getting a flight with EAA's Young Eagle Program and developed a love for the freedom, sense of control and responsibility when piloting an airplane. He plans on continuing his new found love for aviation by working towards his Flight Instructor Rating and his degree from UNO.

Chapter Swag!

Tan tee shirt order going in soon! Please place your order soon. Anticipating \$25.00

Chapter Coffee cup order going in soon too! Let us know how many you would like. Anticipating \$7.00



Calendar of Events

June 10 Chapter meeting
June 15 Young Eagles
July 8 Chapter meeting
July 13 Young Eagles
August 12 Chapter meeting
August 17 Young Eagles
September 9 Chapter meeting
September TBD Young Eagles
October 14 Chapter meeting
October 19 Young Eagles
November 11 Chapter meeting

EAA Chapter 80 Meeting Minutes

May 2024

The chapter meeting was held on May 13, 2024 at Oak View Mall and called to order at 7 PM by Bruce Mundie.

Guests & New Members attending: John F, Chris Williams, Dennis & Josh, Phoebe McKean.

Meeting Minutes: Minutes from April were approved unanimously.

Treasurer's Report: As Noted in the May Newsletter. Funds were invested in two certificates staggered at 5 months.

Membership: Rich Kolkman reported that the membership is at 147 with 77% Paid. Welcome New Members Alex Deane, Jim Dockins, Jairo Anguiano-Adame, Christopher Williams

Scholarship: 2023 Scholarship update Andrew Paneda is spending more time on ground school lately.

2024 Scholarship winners:

- The \$2,000 UNO Scholarship winner is Tatum Nawrkal
- The Rex Ekwall Memorial Scholarship winner is Joshua Hrynkow Jr, a student at Millard North.
- The Ray Scholarship winner is Jairo Anguiano-Adame, a student at UNO.

Tech Counselors:

- Mike Howard spoke about the hoses on a Rotax 912 engine being 17mm in diameter.
- Bob Condrey shared great info on fittings and sealant.
- Glenn Roberts shared what happened when he was flying the Champ and how fuel starvation was caused due to proseal sealant in the fuel cap.

Young Eagles (YE):

- Next Young Eagle event will be May 18 starting at 8:30am.
- Upcoming events June 15, July 20, August 17, September 7 or 8 & October 19. 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 Tom Wieduwilt (TW), your tools manager. If you have any chapter tools, let TW know what you have. He is taking account of inventory.

Friends of EAA80: No Report.

Builder Reports: Bill Haas shared that he thinks the tornado damage to his plane are recoverable. Bill is looking for a place to store his plane so he can get it flying again soon.

Builder Meeting: NONE

Chapter Build:

- Club RV 12: To be sold. Bruce is working towards getting it listed.
- Glasstar needs a volunteer to lead on this project. Someone is needed to manage next steps.
- A Kitfox Classic IV: Glenn Roberts has inventoried everything and is organizing next steps. Reach out to Glenn to get involved in this project.

Fly-outs: August 3 plan to fly to KCBF for the CAF pancake feed.

Social Coordinator: Updates for Harvest Festival TBD.

IMC/VMC: IMC May
VMC May

VP: Bob Dyer, Looking for speaker ideas. Reach out to Bob

PRESIDENT: Bruce Mundie

Chapter Leadership positions are opening up for 2025. See Bruce for more information. Managers are needed for the club's RV12 & Glasstar

Calendar:

VMC Club May 14, IMC Club May 16, Young Eagles May 18, Chapter Meeting June 10, Young Eagles June 15, Chapter Meeting July 8, Young Eagles July 13, AirVenture July 22-26, Chapter Meeting August 12, Young Eagles August 17, Offutt Air Show August 24-25, Millard STEM August 31.

New Business: None

Old Business:

- The chapter unanimously voted to sell the kits as is. Chapter Leadership is working towards a price.
- Contact Bruce Mundie if you want a coffee mug and/or T-shirt.

Announcements: Contact Chris Halfman, he has items for sale left over after he sold his RV.

If you are going out to Oskosh 2024 and want a camping spot talk to Dave Seeger. Chapter has reserved 6 spots.

Presentation: Chris Beran shared his experiences and knowledge flying Motor Paragliders.

Next Meeting: The next chapter meeting is June 10 @ 7pm at Oracle

→Koehler's Korner→



Last month I mentioned that I finally got the new autopilot for my Mooney and we discussed the installation of pitot and static air pressure lines to the myriad of things that now want that input.

As an oh-by-way comment, my spell checker does not recognize “pitot” as a word! Reminds me of the early days of Spell Check when it auto replaced “hangar” with “hanger”.

So, I now need to do all the paperwork associated with the new autopilot. The first obvious need is to update the weight and balance (W&B) records. I’ve done previous KKs on W&B calculation, so will not go into the details here. I just have to account for the weight of everything that was added or removed and that item’s distance from “datum”. Datum is an arbitrary location that everything is measured from, and it is defined in a certificated aircraft in the Type Certificate Data Sheet. It could be the firewall, the main wing leading edge, or some distance forward of the spinner, depending on how the

manufacturer defines it. For my Mooney, it is the center of a bolt on the nose gear trunnion. For your homebuilt, you will need to go into the records of the builder to see what datum was used. A new W&B must be based on the existing W&B, and the old W&B must be clearly superseded.

Once the W&B is complete, there must be a determination of whether the alteration was a major or minor change to the aircraft. The Federal Aviation Regulations contain major alteration guidance in Parts 1.1, 21.93, and 43 App (A). You can look it up, but a major alteration is one not listed in the aircraft, engine, or propeller specifications, such as different engines, different wheels, skis, etc., and that might appreciably affect weight, balance, structural strength, performance, powerplant performance, flight characteristics, or other qualities affecting airworthiness or that is not done according to accepted practices or cannot be done by elementary operations. Obviously, the leading word “appreciably” leads to all kinds of interpretations and is responsible for many hours of training when an A&P Mechanic studies for an Inspection Authorization (IA).

For a homebuilt, the reference to major alterations is in the individual aircraft’s Operating Instructions and states that any major alteration as defined by Part 43 App (A) requires notification to the FSDO who will assign additional Phase 1 flight testing as appropriate.

In the case of my autopilot, the system is covered by a Supplemental Type Certificate (STC), which means that the major alteration can be documented on a Form 337 and signed for by the installing mechanic and someone with an IA. The IA verifies that the Mechanic did the job and paperwork correctly. If the major alteration was not covered by an STC then a FSDO “Field Approval” by a FAA Inspector is required. These can be difficult to get now days, depending on the local policies of the FSDO.

More and more things are coming out with STCs these days, particularly for avionics. WAAS capable GPS and ADS-B units all came with STCs making field installation much easier. In fact, this is probably one of

the few areas that certificated aircraft have a simpler paperwork trail than do homebuilts!

Oh, of course you also need to do a logbook entry for the work done, referencing the 337 for a certificated plane, and the FSDO Letter and Phase 1 and transition to Phase2 for the homebuilt Hope this little discussion helps you maintain and upgrade your bird.

Keep building, flying, and maintaining.
Dick 05/2024

For Sale: RV-4 Kit

The chapter still has an RV-4 tail kit for sale. See last month's newsletter for more details or contact chapter member Ron Hansen at 402.960.3740 for more information or to arrange in person viewing in Plattsmouth, NE.

For Sale

Following is a list of misc RV parts that were donated to the chapter that can be used in a project. Most have RV-6 part numbers but are also used in several other models. The deal is the same as with the aluminum supply - price is half of the current list price with proceeds going to the chapter.

Contact me if there's something here you need.

Bob Condrey

qty	part	desc	RV Models
24	alum angle	.625 x .625 x 18.5"L (.025)	Misc
2	E-602PP	elevator spar	6,7*
2	E-603PP	end rib	6,7*
2	E-604PP	counterbalance rib	6,7*
1	E-605PP	elevator root rib	6,7*
1	E-606PP	trim spar	6,7,8
1	E-607PP	trim tab spar	6,7,8
1	E-609PP	elevator root rib	6,7*
2	E-610PP	spar reinforcement plate	6,7,8
2	E-611PP	spar reinforcement plate	6,7,8
2	E-612	elevator fiberglass tip	6,7,8
2	E-613PP	counterbalance skin	6,7*
4	E-614	lead counterweight	6,9,10,14
1	E-615PP	trim access reinforcement plate	6,7,8,9,10
1	E-616PP	trim access cover plate	6,7,8,9,10
1	E-617PP	trim attach bracket	6,7*
2	E-619PP-1-020	trim tab skin (.020)	6,7,8
2	HS-615	horizontal stab fiberglass tip	6,7
1	WD-615-L	elevator horn - left	6,7,8,9,10,14
1	WD-615-R	elevator horn - right	6,7,8,9,10,14

7* = early RV-7s

Photos!

2024 Scholarship Recipients



**2024 Rex Ekwall Memorial Scholarship winner Joshua Hrynkow Jr
with President Bruce Mundie**



**2024 Ray Aviation Scholarship winner Jairo Anguiano-Adame
with President Bruce Mundie**

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EAA 80 MONTHLY TREASURER REPORT	
May-24	
Income	
Member Dues	\$290.41
TOTAL INCOME/RECEIPTS	\$290.41
Expenses	
Oak View Rent	\$150.00
Food & Drink	\$64.31
Young Eagles- Seat Cushions	\$188.35
OSH Camping Deposit	\$1,944.00
TOTAL EXPENSES/OUTFLOWS	\$2,346.66
Assets	
Pinnacle Bank CD's	\$50,000.00
RV 12 Project	\$13,000.00
Glstar Project	\$25,000.00
Shirt Inventory (est)	\$500.00
Checking Account Balance	\$15,997.97
Venmo Balance	\$273.17
TOTAL Assets	\$104,771.14

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- Commercial Drone Training
- MCX Redbird Flight Simulator
- FAA Testing
- Pilot Supplies/Merchandise
- Aircraft Brokerage
- Aircraft Acquisition

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



Upcoming Webinars

[Rose Parrakeet](#)

Museum Webinar Series
Tuesday, June 11, 2024, 7 p.m. CDT
Chris Henry & Amelia Anderson

[Zeppelin: The First Airliners](#)

Wednesday, June 12, 2024, 7 p.m. CDT
John Mellberg

[Making Friends with a Sukhoi](#)

Qualifies for FAA WINGS Credit
Tuesday, June 18, 7 p.m. CDT
Wes Liu

[Tips for Flying Into EAA AirVenture 2024](#)

Qualifies for FAA WINGS Credit
Wednesday, June 19, 7 p.m. CDT
Fred Stadler

[Ultralight/Homebuilt Rotorcraft Arrival Procedures - AirVenture 2024](#)

Qualifies for FAA WINGS Credit
Wednesday, June 26, 2024, 7 p.m. CDT
Mark Spang

[EAA AirVenture 2024 Features and Attractions](#)

Tuesday, July 2, 2024, 7 p.m. CDT
Rick Larsen and Sean Elliott

[Tale of Two Prebuys](#)

Qualifies for FAA WINGS and AMT Credit
Tuesday, July 9, 2024, 7 p.m. CDT with Mike Busch

[CFIT - Avoiding Controlled Flight Into Terrain](#)

Qualifies for FAA WINGS Credit
Wednesday, July 10, 2024, 7 p.m. CDT
Prof. H. Paul Shuch

[Balancing Act: Loading Your Airplane Safely](#)

Qualifies for FAA WINGS Credit
Wednesday, August 28, 2024, 7 p.m. CDT
Catherine Cavagnaro

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 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.

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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"/> 2024 <input type="checkbox"/> 2025 <input type="checkbox"/> 2026 <input type="checkbox"/> 2027 <input type="checkbox"/> 2028]				
PAYMENT DETAILS: TYPE:	<input type="text"/>	AMOUNT:	<input type="text"/>	DATE:	<input type="text"/>

MAIL CHECK TO:

EAA80 MEMBERSHIP
 C/O RICHARD KOLKMAN
 18058 LEAVENWORTH ST.
 ELKHORN, NE 68022

VENMO PAYMENT:



PLEASE ADD \$1.00 TO COVER PROCESSING FEE

FOR MORE INFORMATION:

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